

ORIGINAL

FISHER WALKER AND COOPER LEADER & ZARAGOZA L.L.P.

2001 PENNSYLVANIA AVENUE, N.W.

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WRITER'S DIRECT NUMBER

June 28, 1996

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*NOT ADMITTED IN D.C.

OF COUNSEL
GROVER C. COOPER
JOHN O. HEARNE

BEN S. FISHER
(1890-1954)

CHARLES V. WAYLAND
(1910-1980)

VIA FEDERAL EXPRESS

Florida Public Service Commission
Division of Administration
2540 Shumard Oak Boulevard
Gunter Building
Tallahassee, Florida 32399

960792-TX

Re: A.R.C. Networks, Inc.
Application for Authority to Provide Alternative Local Exchange Service

Dear Sir or Madam:

Transmitted herewith on behalf of A.R.C. Networks, Inc. ("A.R.C."), are an original and six copies of its Application for Authority to Provide Alternative Local Exchange Service within the state of Florida. We have also attached a copy of A.R.C.'s proposed tariff. Enclosed is a \$250.00 check to cover the requisite filing fee.

FOR SECURITY PURPOSES, THE BORDER OF THIS DOCUMENT CONTAINS MICROPRINTING

ARC Networks
GENERAL ACCOUNT
1300 Veterans Memorial Hwy
Hauppauge, New York 11788-3025

CITIBANK
CITIBANK, N.A. BR. #35
107 WILLIAM STREET AT JOHN STREET
NEW YORK, NY 10038

1-8210 35

0003626

NO.	DATE	AMOUNT
3626	Jun 26, 1996	*****\$250.00

Two Hundred Fifty and 0/100 Dollars

PAY TO THE ORDER OF
FLORIDA PUBLIC SERVICE COMMISS

DOCUMENT NUMBER-DATE

FPSC-RECORDS/REPORTING

ORIGINAL

FISHER WAYLAND COOPER LEADER & ZARAGOZA L.L.P.

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*NOT ADMITTED IN D.C.

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(1910-1960)

VIA FEDERAL EXPRESS

Florida Public Service Commission
Division of Administration
2540 Shumard Oak Boulevard
Gunter Building
Tallahassee, Florida 32399

966792-TX

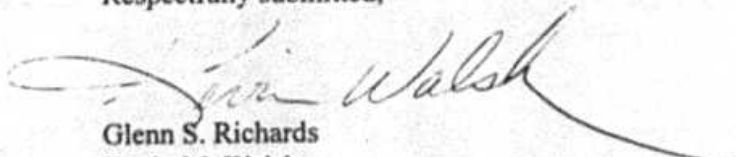
Re: A.R.C. Networks, Inc.
Application for Authority to Provide Alternative Local Exchange Service

Dear Sir or Madam:

Transmitted herewith on behalf of A.R.C. Networks, Inc. ("A.R.C."), are an original and six copies of its Application for Authority to Provide Alternative Local Exchange Service within the state of Florida. We have also attached a copy of A.R.C.'s proposed tariff. Enclosed is a \$250.00 check to cover the requisite filing fee.

Please date-stamp the "Receipt" copy of this filing and return it in the enclosed, self-addressed, stamped envelope. Please direct any questions regarding this matter to the undersigned.

Respectfully submitted,



Glenn S. Richards
Kevin M. Walsh
A.R.C. Networks, Inc.

RECEIVED & FILED
FISC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

07029 JUL-1 96

FPSC-RECORDS/REPORTING

**APPLICATION FORM
FOR AUTHORITY TO
PROVIDE
ALTERNATIVE LOCAL
EXCHANGE SERVICE
WITHIN THE STATE
OF FLORIDA**

**FLORIDA PUBLIC SERVICE COMMISSION
CAPITAL CIRCLE OFFICE CENTER - 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850**

**APPLICATION FORM
for**

**AUTHORITY TO PROVIDE ALTERNATIVE LOCAL EXCHANGE SERVICE
WITHIN THE STATE OF FLORIDA**

INSTRUCTIONS

1. This form is used for an original application for a certificate and for approval of sale, assignment or transfer of an existing alternative local exchange certificate. In case of a sale, assignment or transfer, the information provided shall be for the purchaser, assignee or transferee.
2. Respond to each item requested in the application and appendices. If an item is not applicable, please explain why.
3. Use a separate sheet for each answer which will not fit the allotted space.
4. If you have questions about completing the form, contact:

**Florida Public Service Commission
Division of Communications, Certification & Compliance Section
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0866
(904) 413-6600**

5. Once completed, submit the original and six (6) copies of this form along with a non-refundable application fee of \$250 made payable to the Florida Public Service Commission at the above address.
-

-
1. This is an application for (check one):
- (X) Original authority (new company)
- () Approval of transfer (to another certificated company)
Example, a certificated company purchases an existing company and desires to retain the original certificate authority.
- () Approval of assignment of existing certificate (to a noncertificated company)
Example, a non-certificated company purchases an existing company and desires to retain the certificate of authority rather than apply for a new certificate.
- () Approval for transfer of control (to another certificated company)
Example, a company purchases 51% of a certificated company. The Commission must approve the new controlling entity.
- 2 Name of applicant:
A.R. Networks, Inc.
3. A. National mailing address including street name, number, post office box, city, state, zip code, and phone number.
**1300 Veterans Memorial Highway
Hauppauge, New York 11788
(516) 951-2500**
- B. Florida mailing address including street name, number, post office box, city, state, zip code, and phone number.
**CT Corporation System
1200 South Pine Island Road
Plantation, Florida 33324**
- C. Physical address of alternative local exchange service in Florida including street name, number, post office box, city, zip code and phone number.

4. Structure of organization:

- | | |
|--|--|
| <input type="checkbox"/> Individual | <input checked="" type="checkbox"/> Corporation |
| <input type="checkbox"/> Foreign Corporation | <input type="checkbox"/> Foreign Partnership |
| <input type="checkbox"/> General Partnership | <input type="checkbox"/> Limited Partnership |
| <input type="checkbox"/> Joint Venture | <input type="checkbox"/> Other, Please explain _____ |

5. If incorporated, please provide proof from the Florida Secretary of State that the applicant has authority to operate in Florida.

Corporate charter number: _____

6. Name under which the applicant will do business (d/b/a):

N/A

7. If applicable, please provide proof of fictitious name (d/b/a) registration.

Fictitious name registration number: _____

8. If applicant is an individual, partnership, or joint venture, please give name, title and address of each legal entity.

9. State whether any of the officers, directors, or any of the ten largest stockholders have previously been adjudged bankrupt, mentally incompetent, or found guilty of any felony or of any crime, or whether such actions may result from pending proceedings. If so, please explain.

None

10. Please provide the name, title, address, telephone number, Internet address, and facsimile number for the person serving as ongoing liaison with the Commission, and if different, the liaison responsible for this application.

Mr. Anthony Palazzolo, Director, Business Development
160 Broadway, Suite 908
New York, New York 10038 (212) 566-2100, Ext. 23

11. Please list other states in which the applicant is currently providing or has applied to provide local exchange or alternative local exchange service.

New York, Illinois

-
12. Has the applicant been denied certification in any other state? If so, please list the state and reason for denial.
No.
13. Have penalties been imposed against the applicant in any other state? If so, please list the state and reason for penalty.
No.
14. Please indicate how a customer can file a service complaint with your company.
Customers can either call the Company's toll-free telephone number or write the Company directly.
15. Please provide all available documentation demonstrating that the applicant has the following capabilities to provide alternative local exchange service in Florida.

A. Financial capability. See Exhibit I.

Regarding the showing of financial capability, the following applies:

The application should contain the applicant's financial statements, including:

1. the balance sheet
2. income statement
3. statement of retained earnings for the most recent 3 years.

If available, the financial statements should be audited financial statements.

If the applicant does not have audited financial statements, it shall be so stated. The unaudited financial statements should then be signed by the applicant's chief executive officer and chief financial officer. The signatures should affirm that the financial statements are true and correct.

**B. Managerial capability.
See Exhibit II.**

**C. Technical capability.
See Exhibit III.**

AFFIDAVIT

By my signature below, I, the undersigned officer, attest to the accuracy of the information contained and attached documents and that the applicant has the technical expertise, managerial ability, and financial capability to provide alternative local exchange service in the State of Florida. I have read the foregoing and declare that to the best of my knowledge and belief, the information is true and correct. I attest that I have the authority to sign on behalf of my company and agree to comply, now and in the future, with all applicable Commission rules and orders.

Further, I am aware that pursuant to Chapter 837.06, Florida Statutes, "Whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his official duty shall be guilty of a misdemeanor of the second degree, punishable as provided in §775.082 and §775.083."

Official: _____

Signature

6-25-96

Date

Title: _____

President

(212) 566-2100

Telephone Number

Address: A.R. Networks, Inc.

160 Broadway, Suite 908

New York, New York 10038

A.R.C. Networks, Inc.

EXHIBIT I

BALANCE SHEET

INCOME STATEMENT

STATEMENT OF RETAINED EARNINGS FOR 3 YEARS

EXHIBIT I

A.R.C. is a wholly owned subsidiary of Consolidated Technology Group, Ltd.

Attached are the following financial documents:

- (1) Consolidated Technology Group, Ltd.'s most recent Form 10-K, as filed with the SEC;
- (2) Consolidated Technology Group, Ltd.'s most recent Form 10-Q, as filed with the SEC; and
- (3) A.R.C.'s projected profit and loss statements.

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-K

(Mark One)

☒ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934 [Fee Required]
For the fiscal year ended December 31, 1995

☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934 [No Fee Required]
For the transition period from _____ to _____

Commission file Number 0-4186

CONSOLIDATED TECHNOLOGY GROUP LTD.

(Exact name of registrant as specified in its charter)

New York

(State or other jurisdiction of
incorporation or organization)

13-1948169

(I.R.S. Employer
Identification Number)

160 Broadway, New York, NY

(Address of principal executive offices)

10038

(Zip Code)

Registrant's telephone number, including area code: (212) 233-4500

Securities registered pursuant to Section 12(b) of the Act: None

Securities registered pursuant to Section 12(g) of the Act:

Title of Each Class

Outstanding shares as of April 10, 1996

Common Stock, par value
.01 per share

35,290,450

Indicate by check mark whether the Registrant (1) has filed all reports
required to be filed by Section 13 or 15(d) of the Securities Exchange Act of
1934 during the preceding 12 months (or for such shorter period that the
registrant was required to file such reports), and (2) has been subject to
such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by a check mark if disclosure of delinquent filers pursuant to Item
405 of Regulation S-K is not contained herein, and will not be contained, to
the best of registrant's knowledge, in definitive proxy or information
statements incorporated by reference in Part III of this Form 10-K or any
amendment to this Form 10-K. ☐

DOCUMENTS INCORPORATED BY REFERENCE

None

PART I

Item 1. Business

Introduction

Consolidated Technology Group Ltd. (the "Company" or "Consolidated"), through its wholly-owned or controlled subsidiaries, is engaged in various businesses, most of which are service related. Consolidated's principal source of revenue for the year ended December 31, 1995 was generated by its contract engineering and medical diagnostics subsidiaries representing 57% and 25% respectively of total revenue. The principal source of revenue for the year ended December 31, 1994 and the fiscal years ended July 31, 1994 and 1993, was generated by its contract engineering subsidiaries representing 66%, 65% and 16% respectively of total revenue, which are operated by Trans Global Services, Inc. ("Trans Global"). Trans Global provides engineers, designers and technical personnel on a temporary basis pursuant to contracts with major corporations. In September 1994 and October 1994, the Company, through wholly-owned subsidiaries, acquired nine magnetic resonance imaging centers and one multi-modality diagnostic center and International Magnetic Imaging, Inc. ("IMI"), which manages the operations of the Centers, and the assets of J. Sternberg and S. Schulman M.D. Corp., ("MD Corp."), which provides the services of radiologists to the Centers. References in this Report to "International Magnetic Imaging, Inc." or "IMI" refer collectively to the business operated by the Centers, IMI and MD Corp.

The Company also manufactures and sells electro-mechanical and electro-optical products by Sequential Electronic Systems, Inc. ("Sequential") and avionics equipment and specialized vending machines by S-Tech, Inc. ("S-Tech"). Additionally, the Company manufactures and sells professional audio loudspeakers by WWR Technology, Inc. ("WWR"). Through ARC Networks, Inc. ("ARC Networks"), which was acquired in December 1993, the Company offers a range of telecommunications services to meet the requirements of its customers. ARC Networks has a national contract with Teleport Communications Group, Inc. ("TCG") pursuant to which it may resell local loop telephone service offered by TCG. In June 1994, the Company also acquired Creative Socio-Medics Corp. ("CSM"), which, together with Carte Medical Corporation, whose name was changed to CSM Corp. ("CSMC") and in February 1996 CSMC's name was changed to Netsmart Technologies, Inc., offers computerized health information systems and related services to specialty care health organizations, such as substance abuse (drug and alcohol), mental retardation, psychiatric and rehabilitation treatment facilities, and entitlement programs in the United States. Through 3D Technology, Inc., which was acquired in early 1993, and Computer Design Services, Inc. ("CDS"), which was acquired in November 1994, the Company markets and sells three dimensional imaging products of both software and hardware and provides related services. Consolidated is engaged in negotiations to acquire other businesses which it believes will be compatible with its present businesses, however, no assurance can be given that such acquisitions will be consummated or that they will be profitable to Consolidated.

Consolidated provides its subsidiaries with management, marketing, accounting, administrative support and financing. Consolidated's revenue and net loss reflect the consolidated revenue and results of operations of its subsidiaries.

Set forth below is a description of Consolidated's principal subsidiaries. Consolidated owns a majority or controlling interest in each of its subsidiaries, either directly or through one or more subsidiaries. In certain of the subsidiaries, the management of the subsidiary owns an interest, which does not exceed 20% in any subsidiary. In other subsidiaries, non-affiliated investors own a portion of the stock. Such investors include DLB, Inc. ("DLB"), a corporation controlled by the wife of Lewis S. Schiller, chairman and chief executive officer of Consolidated. Mr. Schiller disclaims any beneficial interest in DLB or any of the securities owned by DLB. Consolidated owns 49.6% of the common stock of Netsmart Technologies, Inc., formerly Carte Medical Corporation, which has filed a registration statement with respect to a proposed initial public offering of its stock.

CONTRACT ENGINEERING SERVICES

Since May 1995, the principal business of Trans Global Services, Inc. ("TGS") has been contract engineering service. In performing such services, TGS, through its two subsidiaries, Avionics Research Holdings, Inc. ("Holdings"), and Resource Management International, Inc. ("RMI"), addresses the current trend of major corporations in "downsizing" and "outsourcing" by providing engineers, designers and technical personnel on a temporary contract assignment basis pursuant to contracts with major corporations. The engagement may relate to a specific project or may cover an extended period based on the client's requirements. TGS believes that the market for outsourcing services such as those offered by TGS results from the trend in employment practices by major corporations in the aerospace, electronics, energy, engineering and telecommunications industries to reduce their permanent employee staff and to supplement their staff with temporary personnel on an as-needed basis. TGS seeks to offer its clients a cost-effective means of work force flexibility and the elimination of the inconvenience associated with the employment of temporary personnel, such as advertising, initial interviewing, fringe benefits and record keeping. Although the employees provided by TGS are on temporary contract assignment, they work with the client's permanent employees; however, they receive different compensation and benefits than permanent employees.

In providing its services, TGS engages the employees, pays the payroll and related costs, including FICA, worker's compensation and similar Federal and state mandated insurance and related payments. TGS charges its clients for services based upon the hourly payroll cost of the personnel. Each temporary employee submits to TGS a weekly time sheet with work hours approved by the client. The employee is paid on the basis of such hours, and the client is billed for those hours at agreed upon billing rates.

TGS also offers its clients a range of integrated logistical support services which are performed at TGS's facilities. These services, which are ancillary to a project, include the management of technical documents involving technical writing, preparation of engineering reports, parts provisioning documents and test equipment support documents, establishing maintenance concepts and procedures, and providing manpower and personnel support. In performing these services, TGS hires the necessary employees for its own account and would work with the client in developing and preparing the documentation. The payment would be made pursuant to a purchase order from the client on a project basis and not as a percentage of the cost of the employees. To date, the integrated logistics support business has not generated more than nominal revenue, and no assurance can be given that TGS

will generate any significant revenue or profit from such services. TGS's strategy has been directed at increasing its customer base and providing additional services, such as integrated logistics support, to its existing customer base. TGS believes that the key to profitability is to provide a range of services to an increased customer base. In this connection, TGS is increasing its marketing effort both through its own personnel and in marketing efforts with other companies that offer complementary services.

TGS Services Corp., a wholly-owned subsidiary of TGS ("TGSC") was formed in January 1995 to hold the stock of Holdings and RMI, which perform the same services for their clients. Prior to January 1995, the stock of Holdings and RMI was held by SIS Capital Corp. ("SISC"), which is a wholly-owned subsidiary of the Company. Holdings was formed to acquire the stock of two related companies, Avionics Research Corporation of New York and Avionics Research Corp. of Florida (collectively, "Avionics") in December 1993 as well as the stock of a third company engaged in an unrelated business which is not conducted by Avionics. Holdings engages in business only through Avionics.

TGS's largest clients for 1995 were Northrop Grumman Corporation, The Boeing Corporation and Lockheed Ft. Worth Company which accounted for revenues of \$19 million, \$9 million and \$6 million respectively or 54% of the total revenue of TGS.

Avionics' largest clients for both 1994 and 1993 were Northrop Grumman Corporation and Martin Marietta Corp., which accounted for approximately \$14.5 million and \$2.0 million, respectively, which represented approximately 57% and 8% of the Company's revenue for the year ended December 31, 1994, and approximately \$9 million and \$3 million, respectively, which represented approximately 65% and 22% of Avionics' revenue for the year ended December 31, 1993.

RMI was formed in 1994 to acquire assets of Job Shop Technical Services, Inc. ("Job Shop") in November 1994. RMI conducts business under the name The RMI Group. During 1994, six clients of RMI and Job Shop accounted for aggregate revenues of \$32 million, or approximately 90% of their combined revenue for the year. The Boeing Company and Lockheed Ft. Worth Company, which accounted for revenues of \$10 million and \$7.5 million, or 22% and 17% of such combined revenue for 1994, were the only clients which accounted for more than 10% of their combined revenue. Four other clients, three of which are in the aerospace industry, accounted for aggregate revenue of \$14.7 million, or 51% of the combined revenue of RMI and Job Shop for 1994.

TGS is a Delaware corporation, incorporated in September 1993. TGS was formed under the name Concept Technologies Group, Inc., and, in March 1996, its corporate name was changed to Trans Global Services, Inc. Its executive offices are located at 1770 Motor Parkway, Hauppauge, New York 11788, telephone (516) 582-9000. TGS is a holding company. All business activities are conducted by its operating subsidiaries, Avionics and RMI. Reference to TGS includes all of its subsidiaries, unless the context indicated otherwise, and includes the business of Avionics and RMI prior to their acquisition by TGS. Avionics has been in the contract engineering business since its organization in 1954, and RMI commenced such business in November 1994, with the acquisition of assets from Job Shop.

In May 1995, TGS acquired all of the issued and outstanding stock of TGSC, which was then known as Trans Global Services, Inc., in exchange for a

controlling interest in TGS. During 1995, TGS sold the stock of WWR Technology, Inc. ("WWR") to an affiliated party.

Markets and Marketing

The market for TGS's services is comprised of major corporations in such industries as aerospace, electronics, energy, engineering, computer services and telecommunications, where "downsizing" and "outsourcing" have become an increasingly important method of cost reduction. Typically, a client enters into an agreement with one or a small number of companies to serve as employer of record for its temporary staff, and its agreements are terminable by the client without significant notice.

TGS maintains a computerized data base of technical personnel based upon their qualifications and experience. The data base, which contains more than 100,000 names, is generated through employees previously employed by TGS, referrals and responses to advertisements placed by TGS in a variety of local media, including newspapers, yellow pages, magazines and trade publications. Part of its responsibilities for any engagement is the recruitment and initial interviewing of potential employees, with the client conducting any final interviews it deems necessary. The majority of work performed by TGS's employees is performed at the client's premises and under the client's direction, although TGS is the employer of record.

TGS markets its services to potential clients through its officers, management and recruitment personnel who seek to provide potential clients with a program designed to meet the client's specific requirements. The marketing effort utilizes referrals from other clients, sales calls, mailings and telemarketing. TGS also conducts an ongoing program to survey and evaluate the clients' needs and satisfaction with the TGS's services, which it uses as part of its marketing effort.

Although TGS has eight offices, including its main office in Long Island, New York, throughout the United States, there are no limited geographic markets for the Company's services. TGS has in the past established offices in new locations when it receives a contract in the area and it cannot effectively service such contract from its existing offices. TGS intends to continue to establish new offices as necessary to meet the needs of its customers.

A client will utilize contract engineering services such as those provided by TGS when it requires a person with specific technical knowledge or capabilities which are not available from the client's permanent staff or to supplement its permanent staff for specific project or to meet peak load requirements. When the client requires personnel, it provides TGS with a detailed job description. TGS then conducts an electronic search in its computerized resume data base for candidates matching the job description. In addition, each branch office maintains a file of active local resumes for candidates available for assignment in the vicinity of the branch office. The individuals are then contacted by telephone by TGS's recruiters, who interview interested candidates. If the candidate is acceptable to TGS and interested in the position, TGS refers the candidate to the client. An employment agreement is executed by the employee with TGS prior to the commencement of employment.

TGS serves primarily the aerospace and electronics industries as well as the telecommunications, banking and computer science industries and public utilities along with numerous manufacturing companies. TGS is expanding its

effort to address the general trend of "downsizing" and "outsourcing" by major corporations on a national basis. To meet this goal, TGS has commenced a national sales campaign addressing a broad spectrum of Fortune 500 companies, offering a managed staffing service to those companies in the process of downsizing and outsourcing specific functions. Since companies engaged in downsizing seek to focus on its core business needs with its in-house staff, TGS seeks to identify and address the needs of a specific task or department not part of the core business for which outsourcing would be an appropriate method of addressing the needs. In addressing these needs, TGS has conducted marketing efforts with Manpower International, Inc., TAD Resources International, Inc. and Olsten Corporation. TGS's contracts are generally terminable by the client on short notice, generally 30 days.

Competition

The business of providing employees on either a permanent or temporary basis is highly competitive and is typically local in nature. TGS competes with numerous technical service organizations, a number of which are better capitalized, better known, have more extensive industry contracts and conduct extensive advertising campaigns aimed at both employers and job applicants. TGS believes that the ability to demonstrate a pattern of providing reliable qualified employees is an important aspect of developing new business and retaining existing business.

Government Regulations

The technical services industry, in which TGS is engaged, does not require licensing as a personnel or similar agency. However, as a provider of personnel for other corporations, it is subject to Federal and state regulations concerning the employment relationship, including those relating to wages and hours and unemployment compensation. It also maintains 401(k) plans for its employees and is subject to regulations concerning such plans.

TGS does not have contracts with the government agencies. Contracts with its clients, including major defense contractors, are based on hourly billing rates for each technical discipline. The contracts are not subject to renegotiation or cancellation for the convenience of the government. However, the manpower needs of each of its clients are based on the client's own requirements and the client's needs are affected by any modification in the client's requirements, including reductions in staffing resulting from cancellation or modification of government contracts.

Employees

At December 31, 1995, TGS had 1008 employees, of which 970 were contract service employees who performed services on the client's premises and 38 were executive and administrative. Each of TGS's offices is staffed by recruiters and sales managers. Each contract service employee enters into a contract with TGS which sets forth the client for whom and the facility at which the services are to be performed and the rate of pay. If an employee ceases to be required by TGS's clients for any reason, TGS has no further obligation to the employee. Although assignments can be for as short as 90 days, in some cases, it has been for several years. The average assignment is in the range of six to nine months. TGS's employees are not represented by a labor union, and TGS believes that its employee relations are good. TGS does not have any rights to

any patents or other proprietary technology developed by its employees. Under its agreement with the client, all of such rights are retained by the client. In addition, the client typically requires the employee to sign its standard agreement dealing with confidentiality and rights to proprietary developments.

MEDICAL DIAGNOSTICS

On September 30, 1994, Consolidated, through wholly-owned subsidiaries, acquired eight magnetic resonance imaging ("MRI") centers and one multi-modality diagnostic center and in January 1995, it acquired a ninth MRI Center, (collectively, the "Centers").

Magnetic resonance imaging ("MRI") systems enhance the diagnosis of disease and medical disorders, frequently eliminating the need for exploratory surgery and often reducing the amount and cost of care required to evaluate and treat a patient. Since its introduction in the early 1980's, the use of MRI has experienced rapid growth due to the technology's ability to provide anatomical images of exceptional contrast and detail without the use of radiation or x-ray based technologies. MRI employs high-strength magnetic fields, high frequency radio waves and high-speed computers to process data. In addition, the development of pharmaceutical contrast agents, software advancements and new hardware peripherals continue to expand the clinical applications and throughput efficiency of MRI technology.

MRI, which does not utilize x-ray or other radiation based technologies, employs high-strength magnetic fields, high frequency radio waves and high-speed computers to obtain clear, multi-planar images of the body's internal tissues without exploratory surgery or biopsy. In addition, MRI is able to image a multi-planar slice of the body at any angle. These images are then displayed on film or on the video screen of an MRI system's console in the form of a multi-planar image of the organ or tissue. This information can be stored on magnetic media for future access, or "printed" on film for interpretation by a physician and retention in the patient's files, enabling health care professionals to study the patient's internal conditions in detail. The superiority of MRI image quality compared to other imaging modalities generally makes possible a more accurate diagnosis and often reduces the amount and cost of care needed to evaluate and treat a patient.

The major components of an MRI system are (i) a large, cylindrical magnet, (ii) radio wave equipment, and (iii) a computer for data storage and image processing. During an MRI study, a patient lies on a table which is then placed into the magnet. Although patients have historically spent 30 to 45 minutes inside the magnet during which time images of multiple planes are acquired, new software applications allow patients to spend significantly less time inside the magnet. Additional time is required for computer processing of the images.

Outpatient Services and Customer Base

Each Center is a fixed-site, outpatient facility that is designed, equipped and staffed to provide physicians and health care providers with high quality MRI services that historically were available only at teaching hospitals. The Company schedules patients, prepares all patient billing and is responsible for the collection of all charges. The Company is also responsible for related administrative and record-keeping functions. The Company typically staffs its Centers with technical and administrative support personnel who

assist physicians in obtaining MRI diagnostic scans. The Centers are designed to offer a pleasant environment where patients are not subjected to the admission complexities and institutional atmosphere of most hospitals.

Many physicians and other health care providers who have a need for MRI services and equipment do not have the ability or desire to own their own equipment. As a result, such providers use outpatient MRI facilities such as the Centers for the following reasons, among others: (i) ability to receive comprehensive MRI services, including qualified technologists, equipment maintenance, insurance and equipment upgrades; (ii) desire to obtain quick access to MRI services; (iii) lack of sufficient scan volume to justify the capital cost of purchasing an MRI unit; (iv) desire to use an MRI unit to become familiar with MRI technology; (v) lack of financial capability to purchase an MRI unit, and (vi) inability to obtain required regulatory approval to purchase or operate an MRI unit.

In addition, many health care providers with sufficient patient utilization and resources to justify in-house MRI unit ownership prefer to use independent facilities such as IMI's Centers in order to: (i) obtain the use of an MRI system without capital investment; (ii) eliminate the need to recruit, train and manage qualified technologists; (iii) retain the flexibility to take advantage of all technological developments; (iv) avoid future uncertainty as to reimbursement policies, and (v) provide additional imaging services when patient demand exceeds in-house capacity.

Set forth below is information relating to IMI's Centers.

Center	Location	Month and Year Service commenced
Pine Island	Plantation, FL	December 1986
North Miami Beach	North Miami Beach, FL	January 1988
Boca Raton	Boca Raton, FL	November 1988
South Dade	Miami, FL	December 1989
Oakland	Oakland Park, FL	January 1990
San Juan	San Juan, PR	October 1990
Arlington	Arlington, VA	December 1990
Kansas City	Overland Park, KS	October 1991
Orlando	Orlando, FL	September 1992

In addition, IMI operates Physicians Outpatient Diagnostic Center, Ltd., a multi-modality diagnostic center, located in Plantation, Florida.

The decision to refer a patient to one of IMI's facilities generally begins with the treating physician, HMO/PPO or other health care provider. IMI is then responsible for patient scheduling and billing the patient or third party payor directly. IMI also arranges for board-certified radiologists to interpret IMI's scans and returns the test results to the referring physician. IMI is not itself engaged in the practice of medicine.

Each Center generally has a full-time staff of seven to eleven employees, typically consisting of MRI technicians, file clerks, a marketing representative, a transcriptionist, one or more receptionists and a center administrator. IMI's Centers are open at such hours as are appropriate for the local medical community. Most are open from 7:00 a.m. to 9:00 p.m. each weekday, and many of the Centers offer extended evening and weekend hours.

Each Center is supervised by a center administrator. Each Center charges patients a fee for providing MRI studies on a per procedure or per study basis. IMI pays radiologists providing diagnostic readings of a Center's MRI scans.

IMI markets its services through open houses, lectures, symposia, direct mail and individual visits to area physicians. Each Center uses one or more marketing representatives, the Center's administrator and certain radiologists who interpret IMI's scans to market its services to the local medical community, while IMI's national accounts manager focuses on managed care providers and third party payors.

The profitability of IMI is based substantially on the degree to which IMI can utilize its equipment. IMI believes that a typical center must generally average eleven to thirteen scans per day before its revenue exceeds its expenses and that, as new referring physicians and other customers become familiar with MRI technology and its applications, their rate of usage generally increases. However, to the extent that competitive pressures and third party reimbursement rates have a downward effect on IMI's revenue, the number of daily scans necessary to operate profitably will have to increase.

Government Regulations

The operation of MRI centers is subject to numerous government regulations on both a Federal and state level. Since IMI provides services to patients on Medicare and Medicaid, it is subject to numerous regulations affecting such services. In addition, each state has its own regulations which may impact IMI's operations, including regulations dealing with the corporate practice of medicine, the referral of patients and the requirements for a certificate of need. IMI believes that it is in compliance in all material respects with applicable regulations and that the acquisition by IMI of the Centers was made in compliance with applicable laws.

Competition

The health care industry, including the market for MRI diagnostic imaging services, is highly competitive and IMI anticipates that competition, particularly for patient referrals, will intensify in substantially all of the areas in which the Centers are located. IMI competes with other MRI centers as well as regional hospitals and medical centers which also offer such services. To a lesser extent, IMI competes with mobile MRI service providers. Because of the cost of equipping and staffing an MRI center, MRI is rarely offered by a sole practitioner or by a small group practice or by a large group practice that does not have a substantial demand for such services. Each of IMI's Centers is dependent upon referrals from local physicians as well as from health maintenance organizations and other providers. IMI believes that hospitals are its most significant competitors and have certain competitive advantages, including their established community position, physician loyalty and convenience for physicians making rounds at the hospitals. Competition is based upon such factors as the reputation of the Center and reliability of the physicians who read the MRI scans, the fees charged, the Center's participation in an insurance or health plan which covers the patient, the ability to offer up-to-date MRI equipment, the convenience to the patient in terms of both proximity to the patient and the hours of service. IMI believes that its services are competitive with those offered by others in the area serviced by its Centers.

Employees

As of December 31, 1995, IMI had 165 employees, 128 of whom were involved in Center operations, 12 of whom were involved in sales and marketing, 12 of whom were executive and management and 13 of whom were involved in billing and other administrative activities. None of IMI's employees are represented by a labor organization, and IMI believes that its employee relations are good.

ELECTRO-MECHANICAL AND ELECTRO-OPTICAL PRODUCTS MANUFACTURING

Sequential Electronic Systems, Inc.

Sequential is engaged in the manufacture and marketing of various electro-mechanical and electro-optical products. The principal products manufactured by Sequential are optical encoders, encoded motors and limit programmers.

Optical Encoders - Optical encoders are utilized in almost every manufacturing process where measurement is required as a part of the manufacturing process. Optical shaft angle encoders, like those produced by SES, are the types of encoders used in such manufacturing processes. SES furnishes encoders to the military for such applications as the launch systems for the Patriot Missile Defense System used in "Desert Storm". SES also furnishes encoders used in the latest state of the art NEXRAD weather system. High resolution encoders are also used as part of a telemetric tracking antenna for the National Aeronautics and Space Administration ("NASA").

Encoded Motors - Encoded motors are used as a tape drive motor for use in state of the art instrumentation tape recorders. These recorders are used by the government in anti-submarine warfare detection systems and are utilized in seismic measurement recordings as well as other classified applications where the data reproduction is extremely critical.

Limit Programmers - Limit programmers are utilized to replace mechanical CAM sequencing systems for the manufacture of various consumer products.

S-Tech, Inc.

S-Tech, Inc. ("S-Tech") is a design and manufacturing facility which has two unique and specialized product lines which consist of, specialized vending machines and avionics equipment. Specialized vending is used to describe a vending product which includes sophisticated electronic circuitry and or computer software. The vending products presently being manufactured under contract include prepaid telephone debit card machines, bill payment centers, information kiosks and stamp machines.

Avionics Equipment - The Avionics equipment manufactured by S-Tech consists primarily of various cockpit instruments and oil pressure transmitters. The majority of these products require a qualified product list designation ("QPL"). The QPL list consists of qualified products, with a limited number of approved sources, which are purchased by the Department of Defense, contractors and subcontractors. In many instances this QPL designation places the company in highly advantageous competitive position as it pertains to government contracts by limiting the number of qualified bidders. In addition, S-Tech responds to "build-to-print" solicitations which are subject to competitive bidding. These products are manufactured in accordance with

drawings and data packages provided by the Department of Defense or other procuring agencies.

Specialized vending machines - In the vending line S-Tech designs, manufactures and markets stamp machines and stamp booklet machines, token vending machines and is designing and marketing vending machines for other specialty uses, including a pre-paid telephone calling card. The Prepaid Telephone Calling Card Vending Machines are presently in production. S-Tech is under contract to manufacture a Self Service Bill Payment Machine for Consolidated Edison of New York and an Information Kiosk, as a subcontractor to Objectsoft Corporation, for the City of New York.

As a manufacturer of products purchased by the Department of Defense or its contractors, S-Tech is subject to the provisions of the procurement regulations of the Department of Defense. These regulations generally provide the government with the right to terminate the contract for the convenience of the Department of Defense, and, in certain cases may include provisions for renegotiation. The Department of Defense also has regulations pursuant to which the Department may inspect a contractor's or subcontractor's manufacturing facilities. Such an inspector is present at S-Tech's facility on a regular basis. In addition, certain products may be subject to export restrictions, which require obtaining a permit before making any sales to non-United States purchasers.

AUDIO VISUAL MANUFACTURING AND SERVICES

WWR Technology, Inc.

WWR Technology, Inc. ("WWR") was acquired in May 1995 in connection with the acquisition of Trans Global Services, Inc. WWR was originally incorporated in 1992 for the purpose of acquiring the professional products business segment of the Klipsch(tm) loudspeaker line from Klipsch and Associates, Inc. ("KA"). WWR acquired the inventory, tooling, equipment and certain licenses from KA as part of such purchase. The predecessor to KA was founded in the mid 1940's by Paul W. Klipsch and has established itself as a leader in loudspeaker design and innovation. KA's primary market traditionally has been the home high fidelity loudspeaker business. Concurrently, it has developed a reputation as a manufacturer of rugged, well designed loudspeakers for the professional, commercial and theater sound markets. The acquisition of the Klipsch(tm) Professional product line gives WWR one of the most long-established and, WWR believes, recognizable brand names in the industry. After WWR's acquisition of the Klipsch(tm) professional loudspeaker line from KA, KA continued to manufacture products and provide other related services to WWR pursuant to a manufacturing agreement between WWR and KA. In August 1994, WWR entered into a lease for a manufacturing facility in Hope, Arkansas and between August and October 1994 moved all of its manufacturing and related services into the newly leased facility. In connection with the completion of this move, the manufacturing agreement with KA was terminated; however, KA continues to supply certain component parts to WWR.

The nature of WWR's business is to market and sell loudspeakers and related products to the professional audio market. The professional audio market is defined as any application for loudspeakers other than those used for home and automotive entertainment purposes. Generally, this is a definition of the difference between "home entertainment" and commercial sound reproduction. As part of the future development of commercial sound reproduction, WWR believes

that the application of digitally controlled and processed signals to control and enhance the performance of professional loudspeakers will become a significant factor in the marketplace. WWR believes it has access to the resources needed, on an as-needed contractual basis with original equipment manufacturers, to successfully develop these products although there can be no assurance that it will be able to do so.

Sales, Markets and Marketing

Products are sold through a network of domestic and international independent manufacturers' representatives who are compensated on a commission basis to retailers, distributors, sound contractors installers and occasionally to end users. WWR assumed the responsibility for international sales from KA in the spring of 1993, and such sales currently constitute a significant portion of WWR's total sales. For the 12 months ended December 31, 1993, 1994 and 1995 international sales constituted approximately 20%, 23% and 25% of total sales, respectively. International sales are made to appointed distributors in individual countries and the distributors resell and service the products within their respective countries.

The Markets for the products include, but are not limited to: contractor installation of sound systems, paging systems, musical instrument sound re-enforcement, public address, concert sound, fixed installation, touring sound, theater and sound re-enforcement. End users of the products include: churches, synagogues, stadiums, concert halls, restaurants, schools, musical performers, movie theaters and all other applications where information and/or entertainment is presented to the public in a commercial venue.

The contractor installation market is comprised of customers of WWR. These customers bid on installation of audio systems based on specifications provided by acoustical consultants in the process of designing or renovating commercial properties, restaurants, nightclubs, churches, concert halls, stadiums and other similar buildings. The requirements for each project vary according to the need and purpose of the facility and the sound systems and the types of loudspeakers range from small speakers for simple paging systems to very large speakers for concert halls, theaters or stadiums. WWR sees this market as having significant growth potential for its products and has developed and continues to develop products targeted to the various needs of this market.

The musical instrument market include retail sale of products to professional and amateur musicians. Loudspeakers in this market have two general purposes: (1) the reproduction of amplified or electronic instruments, and (2) the re-enforcement of voice and acoustic instruments. A portion of WWR's product line is targeted specifically to this product and the product line for this market has been expanded by WWR with new loudspeakers introduced in 1994 and plans to continue to introduce additional new products in 1995.

The motion picture theater market has improved over the past few years as a result of the increase in the number of motion pictures including digital film sound tracks. Digital based sound reproduction systems were subsequently introduced in motion picture theaters and while there has been little new construction of movie theaters, the current trend is to upgrade the sound reproduction systems in current theaters. WWR is upgrading its motion picture product line to meet the needs of this market. The concert and touring sound market is comprised of two segments: (1) the tours of the "big" name

entertainers handled by major international touring sound companies, and (2) the smaller regional or national sound companies that provide services to lesser known performers and events. While there are significant sales in the major international touring sound companies market as a whole, the loudspeaker portion is dominated by the proprietary enclosure (cabinet) designs of the large touring sound companies using the raw frame components made by original equipment manufacturers ("OEMs"), including WWR. WWR has a number of raw frame component drivers that have significant potential in this market. Success in this portion of the market must be viewed as a marketing tool; by having its products selected for use on major tours, WWR has the opportunity to be associated with the success of the tour and/or the artist. The smaller regional touring companies represent a greater opportunity for WWR as these customers are not as likely to be building their own enclosures and, therefore, purchase whole speaker systems.

New products

WWR is engaged in market research to determine the specific needs of the end user so as to develop new market oriented products. Two new trapezoidal shaped loudspeakers have been introduced for use in various commercial applications. Currently under development are the following: a new line of loudspeakers designed for the musical instrument market, two new medium format (size) horns for use in fixed installations and updating of the motion picture product line utilizing newly developed components. A line of loudspeakers designed for the musical instrument market were put into production and became available for purchase in October 1994 and it is expected that the new construction techniques and materials for this line of loudspeakers will enable WWR to achieve higher gross profit margins.

Competition

The industry is comprised of a large number of competing manufacturers, the majority of which are of little overall impact in the market. Generally, the smaller firms specialize in selected portions of the market as opposed to offering a wide array of products. However, there are two dominant competitors in the overall professional loudspeaker industry - Harmon International Industries, Inc. (Harmon) which owns a number of product lines including JBL and Mark IV Industries, Inc. which owns Electro-Voice (EV), Altec Lansing (Altec) and University Sound (University). Other competitors include, but are not limited to, Bose Corporation, Peavey Electronics, Inc., Apogee Sound, Inc., Meyer Sound Laboratories, Inc. and Eastern Acoustic Works, Inc. WWR provides high quality products for all segments of the market but, due to the relatively smaller size of the product line offered by WWR, it is not able to compete with JBL and EV on a model by model basis. It is the plan of WWR to continue niche marketing, while expanding its product offerings as business conditions allow. WWR's general pricing policy and distribution is to offer its high quality products at competitive prices and to limit the distribution of Klipsch(tm) Professional products to a selected group of retail and contractor customers. By doing so, WWR is able to position Klipsch(tm) Professional as a "limited distribution" product line offering the contractor and retailer the opportunity to differentiate themselves in the range of products they offer and to further enhance their profit margins by offering products that are not as easily "shopped for price".

Licenses

As part of the purchase of substantially all of the assets of the Klipsch(tm) Professional loudspeaker business from KA, WWR received a non-exclusive trademark license for the use of KA's trademark "Klipsch(tm)" in conjunction with various professional loudspeaker products ("Licensed Products") provided that the trademark is used only in combination with the terms "Professional Loudspeakers," "Professional Products," "Pro Loudspeakers," "Pro Products" or a similar designation pre-approved by KA. WWR also has agreed to indicate that "Klipsch(tm)" is a registered trademark of KA. The licenses are world-wide and royalty free, and KA has agreed not to grant licenses and/or otherwise permit others to use in the professional market the trademarks and certain design patents licensed to WWR. However, the licenses are terminable if WWR defaults in certain of their respective obligations to KA, becomes bankrupt or insolvent or reorganizes or ceases to use the "Klipsch(tm)" trademark for 18 or more consecutive months. The loss of these licenses would effectively eliminate the ability of WWR to continue to sell under the Klipsch(tm) Professional brand, however it would not prohibit WWR from seeking other professional loudspeaker products to distribute through its distribution network. WWR believes that WWR's relationship with KA is good, there can be no assurance that there will be no future developments which will cause a termination of the licenses.

Employees

As of December 31, 1995 WWR had 35 employees, 23 of whom were involved in production, 3 of whom were involved in sales and marketing, 1 was involved in research and development, 3 were involved in technical support and maintenance and 5 were involved in administration and management. None of WWR's are represented by a labor organization, and WWR believes that its employee relations are good.

MEDICAL INFORMATION SYSTEMS

Netsmart Technologies, Inc.

Netsmart Technologies, Inc. was formed in September 1992 under the name Medical Services Corp. a holding company, whose operations were conducted by its wholly-owned subsidiary, Carte Medical Corp. In October 1993, Medical Services Corp. merged its subsidiary into itself and changed its name to Carte Medical Corporation. In June 1995, Carte Medical Corporation's name was changed to CSMC Corporation, and in February 1996 CSMC Corporation's name was changed to Netsmart Technologies, Inc.

Substantially all of Netsmart's revenue through December 31, 1995 was generated by its health information systems and related services which are marketed by its subsidiary Creative Socio-Medics Corp. ("CSM") which was acquired by Carte Medical Holdings, Inc. ("Holdings") from a nonaffiliated party in June 1994. In September of 1995 the stock of CSM was transferred by Holdings to Netsmart. Netsmart offers these systems and related services to specialty care health organizations and entitlement programs in the United States.

Netsmart Technologies, Inc. ("Netsmart") develops, markets and supports computer software designed to enable organizations to provide a range of services in a network computing environment. A network computing environment is a computer system that provides multiple users with access to a common database and functions. A network system can be a local system, such as a

local area network, known as a LAN, which operates within an office or facility, or a distributed system which provides simultaneous access to a common data base to many users at multiple locations.

There are typically three parties in Netsmart's network systems - the sponsor (the party that maintains the data base, and may be a managed care organization, a university or a financial institution), the users (the users are the individuals who use the system, and may be the subscribers of a managed care organization, the students at a university or the bank card or credit card holders of a financial network) and the service providers (the service providers are those who provide goods or services to the users, and may be physicians, pharmacies, banks and merchants who provide goods, services or funds to bank card or credit card holders).

Netsmart has developed proprietary network technology utilizing smart cards which it markets in the health care, financial and education fields as the CarteSmart System.

A smart card is a plastic card about the size of a standard credit card which contains a single embedded microprocessor chip with both data storage and computing capabilities. The smart card software provides access to the information stored in the chip, the ability to update stored information and includes security elements to restrict unauthorized access to or modification of certain information stored on the card utilizing a smart card reader system. The smart card reader system and the software provides the ability to include information on both the smart card and the organization's computer system. Netsmart also supplies network applications which use telecommunications rather than smart cards to obtain access to and manage data.

Health Information Systems and Services

Since the acquisition of CSM, Netsmart has offered its customers a range of products and services principally based upon the health information systems which were developed and marketed by CSM prior to the acquisition. Users typically purchase one of the health information systems, in the form of a perpetual license to use the system, as well as contract services, maintenance and third party hardware and software which Netsmart offers pursuant to arrangements with the hardware and software vendors. The contract services include project management, training, consulting and software development services, which are provided either on a time and materials basis or pursuant to a fixed-price contract. The software development services may require CSM to adapt one of its health information systems to meet the specific requirements of the customer.

Although the health information systems constituted the basis of CSM's business, revenue from the license of such systems has not represented a major component of its revenues. The typical price for a license for CSM's health information systems ranges from \$10,000 to \$30,000. During the years ended December 31, 1995, 1994 and 1993, CSM installed health information systems with eleven, thirteen and twelve customers, respectively. Revenue from the licensing of such systems represented approximately \$162,000, \$375,000 and \$135,000, in the years ended December 31, 1995, 1994 and 1993, respectively, accounting for approximately 22%, 74% and 5% of revenue for such periods.

Netsmart offers software systems developed by CSM which are designed to meet

the requirements of providers of long-term specialty care treatment. Certain of its systems were developed to meet the requirements of Federally funded target cities projects and is installed in Baltimore, Los Angeles, Atlanta and Cuyahoga County (Cleveland), Ohio.

A customer's purchase order may also include third party hardware or software. For the years ended December 31, 1995, 1994 and 1993, revenue from hardware and third party software accounted for approximately \$2.0 million, \$900,000 and \$1.0 million, representing 26.7%, 18.1% and 19.6%, respectively, of revenues in such periods.

In addition to its health information systems and related services, CSM offers specialty care facilities a data center, at which its personnel perform data entry and data processing and produce operations reports. These services are typically provided to smaller substance-abuse clinics. During the years ended December 31, 1995, 1994 and 1993, CSM's service bureau operation generated revenue of approximately \$1.7 million, \$1.6 million and 1.7 million, respectively, representing approximately 23.6%, 32.5% and 33.6% of CSM's revenues for such periods. The largest user of the service bureau is the State of New York Office of Alcohol and Substance Abuse Services, which uses CSM's service bureau to maintain its statewide database of methadone users, however, such customer accounted for less than 4% of CSM's revenues in the years ended December 31, 1995, 1994 and 1993. Netsmart intends to augment the marketing effort for the service bureaus, although no assurance can be given that such operations will continue to be profitable.

Maintenance services have generated increasing revenue and are becoming a more significant portion of CSM's business. Since purchasers of health information system licenses typically purchase maintenance service. Maintenance revenue increases as new customers obtain licenses for its health information services. Under its maintenance contracts, which are executed on an annual basis, CSM maintains its software and provides certain upgrades. Its obligations under the maintenance contract may require CSM to make any modifications necessary to meet new Federal reporting requirements. CSM does not maintain the hardware and third party software sold to its customers.

The CarteSmart System

Netsmart's CarteSmart System software was designed to operate on industry-standard computer networks and smart cards. A smart card is a plastic card the size of a standard credit card which contains an embedded microprocessor chip. The card has data storage and computing capabilities and the smart card software includes security elements to restrict unauthorized access to or modification of certain information contained on the card. A smart card may also include a magnetic stripe to allow it to be used in networks that do not include smart card functionality. The smart cards are designed to be issued only by the sponsor organization, such as a managed care organization, specialty care facility, administrator of an entitlement program or other similar organization, a university or a bank or credit card organization.

The CarteSmart software consists of components which allow Netsmart to develop network applications for sponsors with less effort that would be required if those network applications were developed from scratch. The CarteSmart software consists of an Application Program Interface ("API") and an API Generator which shows fast customization of the API for specific network

applications. The API is a set of software modules that provide the common functions required to support a computer network using smart cards. By using the API, Netsmart or a sponsor may develop network systems more quickly than if all of the software necessary to implement the network were custom written for a particular network application. The API Generator is a tool developed by Netsmart that is designed to allow Netsmart or a network sponsor to develop a custom API for a particular network and reduce the effort required to build network systems.

The CarteSmart System is designed to operate on file servers and personal computers which utilize the DOS, Windows 3.1, Windows 95, Windows NT or UNIX operating systems, depending upon the application. The software used in the smart card can be used or adapted for use in most commercially available smart cardSmart cards generally meet international standards and are considered commodity products, although each manufacturer has its own software to interface with a computer. Accordingly, Netsmart believes that a manufacturer would provide any necessary assistance in order to market its cards.

Although Netsmart's CarteSmart System software has general applications, its experience with each of its four CarteSmart clients reflects a need to customize the software to meet the specific need of the client. Although the customization need not be significant, each user has its unique requirements that must be met. These requirements may include the need to enable the CarteSmart System to interface with the client's existing systems to the development of a range of software products to meet needs which are not presently being served.

Netsmart's initial applications were designed to meet the needs of managed care organizations and entitlement programs, and Netsmart developed a smart card interface to its health management systems. Each time a patient visits a participating health care provider, the health care provider adds to the patient's data base information concerning the visit, including the date, procedures performed and diagnosis. At the time of the first visit to a participating physician, the physician enters information relating to the diagnosis and treatment given on that visit together with such information relating to chronic conditions, such as allergies and medication, as the physician deems important. Netsmart does not anticipate that the health care provider will be expected to include information relating to earlier diagnosis or treatment; however, the organization which provides the smart card may require additional information to be input at the initial visit. This information is input into the patient's smart card and may also be transmitted to the managed care organization's central data base, where, unless dissemination of such information has been restricted by the patient other health care providers will have access to the information. The health care provider can read information from, and write information onto, the smart card through a card interface device, which is standard computer peripheral equipment readily available from computer outlets and can be easily connected to a personal computer. The information transferred to the smart card is first input by the health care provider on a computer and includes the date of service, diagnosis, treatment including any prescribed medication, and any other information which the health care provider determines.

At the time of the visit, The health care provider inputs the standard codes for use diagnosis and procedures performed. Errors in inputting the diagnosis and the procedure code delay payment or affect the amount of payment. The SmartCard System can be integrated with the health care provider's existing

practice management system, without incurring any additional personnel. The CarteSmart System software has integrated within it an easy to use diagnosis and procedure code look-up capability, as well as error checking and other safeguards which assist the health care provider in inputting the proper codes based upon normal medical terminology.

The smart card stores only a limited amount of information, and is intended to reflect current medical conditions and not a record of medical treatment from birth. When the storage capacity of the card, which is equivalent to approximately ten typed pages, is reached, items are deleted on a chronological basis, with the earliest items being deleted first, although there is an override procedure by which certain crucial medical information, such as allergies and chronic conditions, can be retained, regardless of the date when the patient was diagnosed or treated for the condition. The card also includes information on each prescription which the patient is taking. A smart card is different from a magnetic stripe card, such as is used at Virginia Commonwealth University ("VCU"), in that it has an updatable data storage capacity, which a magnetic stripe card does not.

To date, Netsmart has licensed its CarteSmart software in conjunction with pilot projects for San Diego County and the Albert Einstein School of Medicine, which involved the issuance of smart cards to approximately 1,200 mental health patients participating in the California MediCal Managed Care Initiative. Netsmart is presently negotiating for an expansion of the program to include substance abuse and acute care as well as mental health for the county's total health care population. Netsmart is also marketing its CarteSmart System to other entitlement programs and managed care organizations; however, except for the pilot project in San Diego County, Netsmart has not entered into any agreements with any such organizations, and no assurance can be given that Netsmart will enter into any such agreements.

In November 1995, Netsmart entered into an agreement with the Albert Einstein School of Medicine to add the CarteSmart System to its existing system to provide smart card network capabilities for use in its clinics and out-patient facilities. Installation of the smart card network is scheduled for the second quarter of 1996. Netsmart is presently customizing the CarteSmart health care application software to meet the requirements of the Albert Einstein School of Medicine, including the ability to interface with its present computer systems in addition to the health information system licensed from Netsmart.

During 1995, Netsmart commenced marketing its CarteSmart based products to markets other than the health care field. In July 1995, Netsmart entered into an agreement pursuant to which it installed a magnetic stripe identification system which uses CarteSmart technology to provide for the centralized issuance of a single card to all persons allowed access to the facility and its services. The card contains the individual's name, photo, signature and unique card identification number, which defines the holder's entitlement to food service and library services. Approximately 20,000 students are using the system. Netsmart is negotiating with respect to an agreement to expand the program to support additional services, however, no assurance can be given that the program will be expanded. A magnetic card differs from a smart card since it does not have an independent updatable data storage capability. Netsmart believes that a major market for its smart card technology is the financial services industry, including banks and credit card issuers. Commencing in May 1995, Netsmart entered into a series of letter agreements

with IBN for services and CarteSmart software licenses for the implementation of a satellite based distributed network of automatic teller machines and off-line point of sale terminals using smart cards for the former Soviet Union. Netsmart is negotiating a definitive agreement to develop the system and license the system to IBN. IBN is a New York-based company which has rights to install such systems in the former Soviet Union. Netsmart's agreement with IBM is not contingent upon the success of IBN's installations in the former Soviet Union, although the extent of its revenues from royalties will be based on the number of cards issued and may be adversely affected by political developments in the former Soviet Union. The system being delivered to IBN includes Oasis Technologies IST/Share Financial Transaction System software and other third party software which Netsmart is integrating with its CarteSmart software to complete the IBN system. Through February 1, 1996, Netsmart has generated approximately \$600,000 of consulting services revenue from IBN.

In developing the CarteSmart System for the financial services industry, Netsmart is using networking technologies that use telecommunications networks as well as smart cards. In addition, Netsmart, through a subsidiary, is purchasing the SATC Software, which processes retail plastic card transactions and merchant transactions. The purchase price is \$650,000, of which \$325,000 was paid by Netsmart and the remaining \$325,000 is to be paid by Oasis, although Netsmart remains obligated for the balance if Oasis fails to make the payment. The SATC Software is designed to perform functions required by credit card issuers, including applications processing and tracking credit evaluations, credit authorization and the printing of statements. In the event the final payment is not made, the subsidiary will not acquire title. Netsmart has an agreement with Oasis pursuant to which Oasis is to make the remaining payments and it is negotiating an agreement with Oasis pursuant to which the subsidiary will become a joint venture corporation owned 50% by Netsmart and 50% by Oasis and/or its principals.

Markets and Marketing

Although the market for smart card systems includes numerous applications where a secure distributed data base processing system is important, CSM's initial marketing effort were directed to the health and human services market, including managed care organizations and entitlement programs. In the United States alone, CSM believes that there are presently more than 75 million persons who participate in managed care programs, which are sponsored by almost 600 organizations or health insurers. Because of the relationship between the organization and the participating medical care providers and patients, the organization can institute a smart card system without the need for CSM to conduct a separate marketing effort directed at the medical care providers. Although independent health insurers which do not operate a managed care organization may, in the future, be a market for a smart card system, because the relationship between the insurer and the medical care provider is different from that of the managed care organization and its participating medical care providers, CSM is not treating independent insurance companies as a market for the CarteSmart System, and no assurance can be given that it will ever become a market for the system.

The market for CSM's health information systems and related services is comprised of various providers of specialty care involving long-term treatment of a repetitive nature rather than short-term critical care, such as medical and surgical hospitals or clinics. CSM believes that there are approximately

15,000 providers of such treatment programs in the United States, including public and private hospitals, private and community-based residential facilities and Federal, state and local governmental agencies. Of these facilities, approximately 200 are customers of CSM.

Netsmart believes that the acquisition of the CSM business and assets complements its CarteSmart business and personnel. Following the acquisition, Netsmart developed the graphical and smart card interface to the CSM health information system and commenced a marketing effort directed to the Netsmart's customer base. The two smart card agreements, San Diego County and the Albert Einstein School of Medicine, represent amendments to existing contracts to include smart card services.

Netsmart's health information systems are marketed principally to specialized care facilities, many of which are operated by government entities and include entitlement programs. During the years ended December 31, 1995, 1994 and 1993, approximately 54%, 49% and 47%, respectively, of CSM's revenues was generated from contracts with government agencies. Contracts with government agencies generally include provisions which permit the contracting agency to cancel the contract at its convenience.

For the year ended December 31, 1995, one customer accounted for more than 5% of Netsmart's revenue. The State of Colorado generated revenue of approximately 1.4 million, representing 18.5% of revenue for the year. At January 31, 1996, this contract was substantially completed. Percentage of completion is based on the percentage of work performed by such date. CSM's largest customer for 1994 was Cuyahoga County (Cleveland) Ohio, from which CSM recognized revenue of \$250,000, or 7.0% of revenue. During 1993, CSM had two customers which accounted for at least 5% of its revenue. Its largest customer for 1993 was the City of Baltimore, which entered into a contract with CSM for approximately \$800,000 for software licenses and various contract services, maintenance, hardware and software. CSM's revenue from the Baltimore contract accounted for \$312,000, or 63% of revenue, in 1993. The contract was completed in July 1994, and revenue from the contract in 1994 was substantially less than such revenue was in 1993. A contract with the City of Los Angeles account for 52% of revenue for 1993.

Netsmart believes that the CarteSmart software has applications beyond the health and human services market and is seeking to market the software to educational institutions and in the financial services industry. In April 1995, Netsmart entered into a joint marketing agreement with Oasis, pursuant to which each company markets the software of the other company. Oasis, an independent software developer, has developed and markets a transaction processing system, known as IST/Share, designed for high volume users in the financial services industry. Mr. Storm R. Morgan, a director of and consultant to Netsmart, is an officer of, and has an equity interest in Oasis. Netsmart believes that its agreement with Oasis will enhance its ability to market and introduce its product to the financial services industry where Oasis has an existing client base.

Netsmart may enter into negotiations with other companies which have business, product lines or products which are compatible with Netsmart's business objectives. However, no assurance can be given as to the ability of Netsmart to enter into any agreement with such a company or that any agreement will result in licenses of the CarteSmart System.

At December 31, 1995, Netsmart had a backlog of orders, including ongoing maintenance and data center contracts, in the aggregate amount of \$4.2 million, substantially all of which are expected to be filled during 1996. Such orders and contracts relate to health information sales and services.

Netsmart's sales force is comprised of three full-time sales representatives, as well as Mr. Leonard M. Luttinger, chief operating officer, John F. Phillips, president of CSM, and SMI, a consultant to Netsmart. Mr. Storm R. Morgan's services include activities relating to the marketing of the CarteSmart System to industries outside of the medical field. His present efforts are devoted principally to the financial services industry. In addition Mr. Luttinger and other members of Netsmart's technical staff are available to assist in market support, especially for proposals which contemplate the use of smart card transaction processing networks.

Product Development

Netsmart is continuing the development and enhancement of the CarteSmart System, and six of its employees are engaged in such activities, for the year ended December 31, 1995 and the year ended December 31, 1994, research and development expenses were \$699,000 and \$367,000, respectively, representing a 90.4% increase. The increase reflects research and development for smart card and related products and the graphical interface for Netsmart's health information systems. Netsmart intends to expand its development activities following completion of its public offering of stock. Netsmart intends to develop a product based on both the SATC Software and its own technologies including the CarteSmart System, and to develop a network support tool for the financial services industry. The proposed enhancements include an increased language capability so that it can be multilingual, an interface with the CarteSmart System and an interface with Oasis' IST/Share, which is a transaction processing system for high volume users in the financial services industry.

Competition

Netsmart is in the business of licensing software to entitlement programs and managed care organizations, specialty care institutions and other major computer users who have a need for access to a distributed data network and marketing health information systems software to specialty care organizations. The software industry in general is highly competitive, in addition, with technological developments in the communications industry, it is possible that communications as well as computer and software companies may offer similar or compatible services. Although Netsmart believes that it can provide a health care facility or managed care organization with software to enable it to perform its services more effectively, other companies, including major computer and communications companies have the staff and resources to develop competitive systems, and users, such as insurance companies, have the ability to develop software systems in house. Because of the large subscriber base participating in the major managed care organizations, the inability of Netsmart to license any such organizations could have a materially adverse effect upon its business. Furthermore, various companies have offered smart card programs, by which a person can have his medical records stored and software vendors and insurance companies have developed software to enable a physician or other medical care provider to have direct access to the insurer's computer and other software designed to maintain patient health and/or medication records. The market is very cost sensitive. In marketing

systems such as the CarteSmart System, Netsmart must be able to demonstrate the ability of the network sponsor to provide enhanced services at lower effective cost. Major systems and consulting vendors, such as Unisys, AT&T Corp. and Andersen Worldwide may offer packages which include smart cards and other network services. No assurance can be given that Netsmart will be able to compete successfully with such competitors. Netsmart believes the health insurance industry is developing switching software to be used in transmitting claims from health care providers to the insurers, and insurers or managed care organizations may also develop or license or purchase from others the software to process such claims, which would compete with certain functions of the CarteSmart System. The health information systems business is highly competitive, and is serviced by a number of major companies and a larger number of smaller companies, many of which are better capitalized, better known and have better marketing staffs than Netsmart, and no assurance can be given that Netsmart will be able to compete effectively with such companies. Major vendors of health information systems include Shared Medical Systems Corp. and HBO Corp. Netsmart believes that price competition is a significant factor in its ability to market its health information systems and services, and was a factor in the decline in CSM's revenue from 1992 to lower levels in 1994 and 1993, although such revenue increased during 1995.

Netsmart also faces intense competition as it seeks to enter the education and financial services markets. Competition for the education market includes not only major and minor software developers, but credit card issuers and telecommunications companies. In marketing its CarteSmart-based products to educational institutions, Netsmart can focus on the benefits to the university of providing an all-purpose card to ease administration and reduce costs. Major credit card issuers and communications companies, such as American Express, AT&T and MCI, can offer similar services by permitting the university to link their cards with the university's services. Such organizations can also use these marketing efforts so a part of their overall corporate marketing strategy to familiarize the students with their particular cards and services in hopes of attracting the students as a long-term user of their cards and services. As part of a marketing plan, rather than a profit center, such card issuers may be able to offer the universities services similar to Netsmart, but at a lower cost to the university. In this context, it is possible that, unless Netsmart can enter into a marketing arrangement with a major card issuer telecommunications company, Netsmart may not be able to compete successfully in marketing its CarteSmart products to educational institutions.

The financial services industry is served by numerous software vendors. In addition, major banks, credit card issuers and other financial services companies have the resources to develop networking software in house. At present, most financial institutions use magnetic stripe cards rather than smart cards. Netsmart believes that its CarteSmart System together with the SATC Software and its joint marketing agreement with Oasis, which presently serves the financial services industry, will assist Netsmart in selling and licensing its products and services in the financial services industry. However, to the extent that smart cards become more important in the financial services industry, more companies in the financial services industry, as well as the major computer and software companies, all of whom are better known and substantially better capitalized than Netsmart, and numerous smaller software developers, are expected to play an increasingly active role in developing and marketing smart card based products. No assurance can be given as to the ability of Netsmart to compete in this industry.

Government Regulations

The Federal and state governments have adopted numerous regulations relating to the health care industry, including regulations relating to the payments to health care providers for various services. The adoption of new regulations can have a significant effect upon the operations of health care providers and insurance companies. Although Netsmart's business is aimed at meeting certain of the problems resulting from government regulations and from efforts to reduce the cost of health care, the effect of future regulations by governments and payment practices by government agencies or health insurers, including reductions in the funding for or scope of entitlement programs, cannot be predicted. Any change in the structure of health care in the United States can have a material effect on companies providing services, including those providing software. Although Netsmart believes that one likely direction which may result from the current study of the health care industry would be an increased trend to managed care programs, which is the market to which Netsmart is seeking to license its CarteSmart System. No assurance can be given that Netsmart's business will benefit from any changes in the industry structure. Even if the industry does evolve toward more health care being provided by managed care organizations, it is possible that there will be substantial concentration in a few very large organizations, which may seek to develop their own software or obtain software from other sources. To the extent that the health care industry evolves with greater government sponsored programs and less privately run organizations, Netsmart's business may be adversely affected. Furthermore, to the extent that each state changes its own regulations in the health care field, it may be necessary for Netsmart to modify its health information systems to meet any new record-keeping or other requirements imposed by changes in regulations, and no assurance can be given that Netsmart will be able to generate revenues sufficient to cover the costs of developing the modifications.

A substantial percentage of CSM's business has been with government agencies, including specialized care facilities operated by, or under contract with, government agencies. The decision on the part of a government agency to enter into a contract is dependent upon a number of factors, including economic and budgetary problems affecting the local area, and government procurement regulations, which may include the need for approval by more than one agency before a contract is signed. In addition, contracts with government agencies generally include provisions which permit the contracting agency to cancel the contract at its convenience.

Intellectual Property Rights

The CarteSmart System is a proprietary system developed by Netsmart, and its health information system software is proprietary software developed by CSM. Netsmart has no patent rights for the CarteSmart System or health information system software, but it relies upon non-disclosure and secrecy agreements with its employees and third parties to whom Netsmart discloses information. No assurance can be given that Netsmart will be able to protect its proprietary rights to its system or that any third party will not claim rights in the system. Disclosure of the codes used in the CarteSmart System or in any proprietary product, whether or not in violation of a non-disclosure agreement, could have a materially adverse affect upon Netsmart, even if Netsmart is successful in obtaining injunctive relief, and no assurance can be given that Netsmart will be able to obtain injunctive relief. Furthermore, Netsmart may not be able to enforce its rights in the CarteSmart System in

certain foreign countries.

Prior to joining Netsmart, Messrs., Leonard M. Luttinger and Thomas L. Evans, chief operating officer and vice president, respectively, of Netsmart, were employed by Onecard Corporation ("Onecard"), a corporation which was engaged in the development of smart card technology. Netsmart developed its CarteSmart technology independent of Onecard, and no Onecard technology was incorporated in the CarteSmart technology.

Source of Supply

Since Netsmart does not provide any of the hardware or the smart cards it is the responsibility of the licensee to obtain the hardware smart cards and other supplies. Netsmart's software operates on computer hardware and smart cards manufactured by a number of suppliers.

Potential Business Agreements

Following completion of its anticipated public offering in 1996, Netsmart may enter into joint ventures, acquisitions or other arrangements, such as joint marketing arrangements and licensing agreements, which Netsmart believes would further Netsmart's growth and development. In negotiating such agreements or arrangements, Netsmart anticipates that such agreements would be based upon the manner in which Netsmart's business can be expanded, the extent to which either Netsmart's technology can be introduced or developed in fields not then being addressed by Netsmart or the extent to which additional channels can be developed for Netsmart's products and technology. Netsmart is a participant in a joint marketing vehicle by which Netsmart's products can be marketed by other parties to the marketing arrangement, including IBM, and Netsmart would have access to customers of the marketing partners. Netsmart's proposed joint venture with Oasis to purchase the SATC Software and its joint marketing agreement with Oasis are other examples of such agreements. Although Netsmart is engaged in negotiations and performing its due diligence investigations, with respect to a potential acquisition, Netsmart has not entered into any letters of intent or agreements with respect to any such arrangements or transactions. Furthermore, no assurance can be given that any agreement which Netsmart enters into will generate any revenue to Netsmart. To the extent that Netsmart enters into an agreement with an affiliated party, the terms and conditions of such agreement will be on terms at least as favorable to Netsmart as those Netsmart could achieve in negotiations at arm's length with an independent third party. If any such agreement is with an affiliated party, Netsmart will seek the approval of a majority of the directors who have no affiliation with the other party.

Employees

As of December 31, 1995, Netsmart had 72 employees, including five executive, seven marketing and marketing support, 54 technical and six clerical and administrative employees. The chief executive officer and the president of Netsmart devote only a portion of their time to the business of Netsmart. If a public offering is completed, Netsmart intends to hire additional personnel as needed.

THREE DIMENSIONAL PRODUCTS AND SERVICES

3D Technology, Inc.

3DT is engaged in the development and marketing of products based on three-dimensional imaging and digitizing technology. Three-dimensional digitizing is the process of constructing a digital image of an object. Three dimensional digitizing products are used in various phases of the development and manufacture of a product, including rapid prototyping, manufacturing of components and quality control. 3DT's scanning products can generate digitized images which can be input into computer assisted design or computer assisted manufacturing ("CAD/CAM") software systems.

3DT was founded to develop solutions using three-dimensional imaging technology in response to a perceived need by the manufacturing and metrology industries for products to enable them to develop and introduce new products and to improve the quality control and maintenance operations. As a result of developments in laser and other imaging technologies, it became possible in many instances for a manufacturer to design products more efficiently using three-dimensional imaging technology either by itself or combined with CAD/CAM systems. It also became easier to duplicate products for which the manufacturer did not have drawings of the molds. Similarly in metrology, which is the science of measuring, it became possible to determine rapidly whether a product or part meets the specifications and tolerances, either at the manufacturing facility at the time of production or in the field as part of continued maintenance.

CAD/CAM systems are software systems used to design products and to generate the necessary computerized instructions for the manufacture of an object in accordance with the computerized design. The resulting computer instructions can be translated into instructions for computerized numeric control ("CNC") or computerized measuring machines ("CMM") or stored as a data base for future reference. CNC equipment is manufacturing or milling equipment which is programmed to manufacture a part or component based on computerized instructions. The computerized instructions can be generated by either CAD/CAM systems or directly from scanning equipment. CMM equipment is used in quality control to ascertain whether the finished product conforms to the specification.

Rapid prototyping is the generation of a physical model of a product. The model can be either designed on a CAD system or produced from digital information generated by a scan of the object. Scanning equipment, such as 3DT's OpticaTM laser scanner, can generate a digitized image of an object in a form which can be input into a CAD program and modified in the CAD system to meet the design requirements of the manufacturer. The use of rapid prototyping systems is intended to reduce the development time of a product. Rapid prototyping systems are used in industries such as the automotive, aviation and medical fields which devote substantial resource to product design.

In the manufacturing process, a laser scanner can be mounted directly onto manufacturing equipment, principally CNC equipment, which uses the digitized information to generate an object having the same outside dimensions as the scanned object. In addition, in the same manner as rapid prototyping, the scanned image can be used as the basis for the further development of a product, and the data generated can be used either to make the product or to make the molds and dies used in the manufacture of the product. 3DT's Optical laser scanner is designed to enable a manufacturer to perform these functions.

Since the scanning operations generate a computer file setting forth the

dimensions and other measurements of an object, this information can be used in quality control and maintenance to determine whether the object being scanned meets the required specifications and tolerances. 3DT's Lazer TracerTM is designed to be used by quality control and maintenance personnel to determine whether the finished product complies with the specifications.

3DT is the exclusive distributor in Europe and Israel of the SurfacerTM software product lines, which 3DT markets pursuant to an agreement with Imageware, Inc. ("Imageware"). The Surfacer software is designed to convert the mathematical information generated by a laser sensor or other imaging device into a useful computer format. While the digitized data can be input into and can be recognized by CAD/CAM systems, the image generated consists of lines and points, but does not show any surface or covering on the image. The Surfacer software converts the mathematical data into an image with a surface having the tension and other characteristics set by the user. Using Surfacer, the CAD/CAM system can project a three-dimensional image of the object as a completed product on the computer screen, and the operator of the system can work with the generated object.

3DT also distributes VisiCad and VisiCam software pursuant to an exclusive distribution agreement with Vero International Software Srl, an Italian corporation. VisiCad is a PC-based surface and solids modeling and design package which is used to create three-dimensional designs. VisiCam is a PC-based multi-axis, multi-surface, milling and turning and EDM CAM package which can use information generated by Surfacer or VisiCad to complete the manufacturing of a product.

In addition to the hardware and software products which 3DT markets, 3DT offers scanning and digitizing services for customers who do not require a scanning system but can use a folio which can be used in the customer's CAD/CAM systems or which can be input directly into the customer's CNC equipment.

3DT has completed the development of a foot digitizer, which is used to develop shoes and shoe-lasts for a person based upon the digitized image of his foot. 3DT has an informal agreement with a manufacturer of non-laser scanners, to develop an initial prototype of a foot digitizer. 3DT is discussing with four major shoe companies the potential of marketing the foot digitizer system for custom shoe and orthopedic shoe applications.

Three Dimensional Products and Services

Optical Laser Scanner and Lazer Tracer

3DT has developed two laser scanning products -- its Optical laser scanner which can be either mounted on CNC or CMM equipment or interfaced with CAD/CAM equipment, and its Lazer Tracer, which is a hand-held countour-measuring system designed to be used for quality control. The computerized instructions can be either generated by CAD/CAM equipment or directly from scanning equipment. 3DT introduced both the Optical laser scanner and the Lazer Tracer in spring 1994. However, 3DT has not generated any significant revenue from these products. The Lazer Tracer is based on certain patents ("GE patent rights") being acquired by 3DT from General Electric Company ("GE") pursuant to a January 1994 agreement. Pursuant to the agreement with GE, 3DT acquired four uncompleted prototypes for the Lazer Tracer and is required to complete the development of the prototypes and to deliver them to GE.

3DT's Optical laser sensor takes a three-dimensional picture of a solid object by recording the reflection of a beam of light that is "reflected" off the solid object and is recorded by a special camera that converts the light emitted by the laser and projected onto the object's surface into electrical impulses and digitizes the input. It enables a user to reconstruct a physical object by converting the image generated by the sensor into a three-dimensional replication by identifying the points on the surface of the object into a series of mathematical x, y and z coordinates. These coordinates represent the height, width and depth of each point on a three-dimensional grid. The proposed laser scanner, is designed to interface with most standard CNC controllers and can be mounted directly onto a CNC machine. The digitizing software incorporated into the laser scanner can generate data in formats which are accepted by standard CAD/CAM software. Once the data is input into a CAD/CAM system, it can be modified to meet the manufacturers specific needs. The Optical laser scanners are manufactured by a nonaffiliated company, which is using its own base technology to meet 3DT's specific needs. However, 3DT does not have any long-term agreement with the supplier.

The principal uses for 3DT's Optical laser scanner include rapid prototyping and reverse engineering, duplication of parts or components for which there is no CAD design. The software in the scanner enables the user to see a virtual image of the product on a computer screen in addition to producing a physical model of the product. By being able to visualize and feel a model of a product, a manufacturer can save substantial time and effort and introduce the product to market earlier than would otherwise be the case. In cases where the manufacturer has a part, but not a computer design, the scanner can be used to produce a virtual image that is needed to create a CAD model from which a die or mold can be produced. Using this method, a manufacturer can make an exact duplicate of almost any item ranging from antique furniture to plastic bottles and containers to automobile and aircraft parts.

3DT's Lazer Tracer, which is based on a GE patent, is designed for the metrology industry and uses laser technology to measure geometric features such as radii, angles and curves. Unlike the Optical laser scanner, which can also perform measuring tasks, the Lazer Tracer is hand held and is designed for use on the assembly lines and in maintenance operations where the continued performance of a part is important. The Lazer Tracer is designed to measure the various parameters against stored information as to the specifications and permissible tolerances. The unit is intended to be used in any environment and will provide quick indications whether the product meets the specifications. The quality control functions can be used in any facility where it is important to know rapidly whether the product complies with the specifications, especially when it is difficult for another measuring device to determine whether the product conforms to specifications. The unit has applications in field maintenance where precision is crucial to determining whether the object continues to conform to specifications. One such application is aircraft maintenance where another measuring device may have difficulty in determining whether the blade of a jet engine continues to meet specifications. The patents cover hand scanning devices which can be used in the metrology industry. 3DT commenced marketing both the Optical laser scanner and the Lazer Tracer during summer of 1995, however, no such efforts have resulted in significant revenue.

The laser sensors and other laser based products are subject to regulation by Federal Bureau of Radiation Health ("BRH") of the Occupational Safety and

Health Administration, which requires that all such products meet certain standards. 3DT has filed with the BRH applications with respect to its laser products, and 3DT may sell the products in the United States. Other countries, including Canada, also may subject laser products to regulation. 3DT intends to make application under applicable laws to market its products in Canada.

Surfacer Software

The Surfacer software is a software environment for working with three-dimensional data. The data can be generated by any source, including three-dimensional scanners utilizing laser and other technology, medical and other imaging systems. While the digitized data can be input into and can be recognized by a CAD/CAM system, the image generated consists of lines and points, but does not show any surface or covering on the image. This software is designed to convert the information generated by a laser sensor or other imaging device into a mathematical representation of the model. Using Surfacer, the CAD/CAM system can project a three-dimensional image of the object on the computer screen, and the operator of the system can work with the generated object.

3DT and Imageware believe that the Surfacer software can be used in numerous industrial and other applications, especially in industries where the appearance of a product is important, such as the automobile industry. Using scanning and the Surfacer software, an automobile manufacturer can develop and evaluate a model of a new automobile in a much shorter time period and can improve the quality of the assembly process.

Pursuant to its agreement with Imageware, dated as of February 1, 1993, Imageware appointed 3DT as its exclusive distributor for the Surfacer software in Europe and Israel. 3DT has the right to sell software licenses to end users in the territory. In addition, Imageware has the right to market the Surfacer software to original equipment manufacturers ("OEM"); however, Imageware has the sole right to approve an OEM arrangement, which is made directly between 3DT's customer and Imageware.

The agreement continues until March 31, 1997; however, Imageware has the right to terminate the agreement prior to such date in the event that 3DT fails to meet its sales quota for two consecutive calendar quarters. The agreement provides that 3DT's quotas for each calendar quarter, commencing with the quarter ending September 30, 1994, are based on Imageware's sales of its Surfacer software in the United States. The termination of the Imageware agreement would have a material adverse effect upon 3DT.

3DT's customers for the Surfacer software include major European manufacturing companies in such industries as automotive, aerospace and manufacturing. 3DI, a subsidiary of 3DT, has received an order from Audi and BMW of Germany, Rover of the United Kingdom and Saab of Sweden.

VisiCad and VisiCam

VisiCad is a state-of-the-art PC-based surface and solids modeling software and design package used to create three dimensional models using both MS-Windows 95 and MS-Windows NT software environments. The different VisiCad modules allow a designer to elaborate on models by using a flexible and intelligent sketcher without the need for concentration on choosing detailed

geometry commands. For example, in constructing a line that connects two other elements, VisiCad presents all tangency and separation possibilities according to the position of the cursor line without recourse to the menus.

VisiCam is a state-of-the-art PC-based multi-axis, multi-surface milling, turning and EDM CAM software package which uses information generated by Surfacar or VisiCad, or other CAD system, to complete the manufacturing of a product. VisiCam offers surfacing, milling and editing modules. VisiCam is an easy to use series of software packages featuring pop-down menus and dialogue boxes and powerful commands, all available by clicking a mouse. It also offers a range of CNC applications and an integrated geometry generation and machine tool simulation package.

Digitizing and Design Services

3DT has recently begun to offer imaging, digitizing and product development services at its Connecticut and Belgium offices. These services involve the digitizing of an object provided by the client, the use of the Surfacar software to generate an image with the desired surface and the delivery of a computer file which can be used in any CAD/CAM system. In addition, 3DT can deliver a prototype of a scanned model. 3DT offers these services both as an independent source of revenue and as a part of its marketing program for its products and services. These services have generated only minimal revenue through December 31, 1994, and no assurance can be given that 3DT will ever generate meaningful revenue from this service or that the service will assist it in promoting its products and services.

Foot Digitizer

3DT has an informal agreement with a nonaffiliated West German manufacturer of non-laser based three-dimensional scanning equipment pursuant to which such manufacturer has developed for 3DT a prototype of the Foot Digitizer. The Foot Digitizer is a three-dimensional scanner which rapidly scans a human foot. The resulting scan is designed to be used to develop shoe molds which are custom designed for the scanned foot. The Foot Digitizer is expected to be marketed to manufacturers of orthopedic shoes and custom made footwear. The ability of 3DT to market the Foot Digitizer will be dependent upon 3DT's ability to demonstrate to custom shoe manufacturers that the Foot Digitizer represents a method of increasing revenues and gross profit, as to which no assurance can be given.

Presently, this system is going through clinical testing at the Norway Orthopedic Center for European FDA approval. 3DT, through its offices in Belgium filed an EEC project during March 1995, with other industrial market leaders from Europe, to make a total system that will be utilized to produce foot casts automatically from a digitized foot. Upon approval, the EEC may fund this project on an installment basis. 3DT would manage the project and establish worldwide marketing and distribution channels.

Other Products

In addition to its products and software, 3DT has marketing rights with respect to CAD/CAM software and hardware. As a result, 3DT is able to market an integrated system to meet the specific needs of its clients. Such a system could include an Optical scanner or Lazer Tracer, the Surfacar software, CAD/CAM software and hardware. 3DT has received a purchase order for one such

system at a price of approximately \$110,000.

Markets and Marketing

The market for three-dimensional scanning equipment and the Surfacar software includes a range of manufacturing and industrial companies in industries as varied as the automotive and aircraft, manufacturers of molds and dies for plastic containers, toys and any industry or application where the creation of a product requires the development of an accurate three-dimensional model. Another aspect of the market for three-dimensional scanning is the metrology market, where precise measurements are required to determine whether a product meets the specifications.

To date, 3DT's marketing effort has been directed principally to marketing the Surfacar software in Europe. 3DT's European marketing staff operates from its European headquarters in Belgium, and it has sales agencies in the United Kingdom and Germany. Its marketing effort for the Surfacar is conducted by both an in-house sales and service staff and a network of representatives. With the recent market introduction of the Optical laser scanner and the Lazer Tracer, 3DT has commenced marketing its products both directly to end users, including customers who would purchase the products on an OEM or VAR basis, and it is seeking to establish a network of representatives.

Competition

3DT's products compete with other laser scanning products as well as products which scan objects using technologies which are not laser based. Competition is based on the cost and safety or perceived safety of the equipment, the specific requirements of the user, the compatibility of the scanning equipment with the user's CAD/CAM and manufacturing equipment and the cost savings expected to be realized from the purchase of the equipment. 3DT's competitors include a number of small and medium sized companies that offer products that are designed for certain specific applications. No assurance can be given that 3DT will be able to compete successfully with such competitors.

Intellectual Property Rights

In January 1994, 3DT entered into an agreement with GE pursuant to which it agreed to purchase from GE a patent and patent application relating to the technology used in the Lazer Tracer. The agreement requires 3DT to pay the purchase price of \$175,000 as follows: \$25,000 on signing the contract, which payment has been made, and three payments of \$50,000 due at various times after 3DT has delivered the fourth Lazer Tracer unit, or earlier based upon 3DT's sales of Lazer Tracer units. The agreement also grants 3DT a license to use certain GE technology relating to the Lazer Tracer. The agreement also gives GE a non-exclusive irrevocable rights to use the GE patent rights. Under the agreement, until the purchase price is paid, 3DT has a revocable license to use the GE patent rights. Upon payment of the balance of the purchase price, 3DT will receive title to the GE patent rights, subject to any licenses previously granted by GE. GE has agreed to give 3DT notice prior to granting any such licenses, which will enable 3DT to take title to the GE patent rights prior to the grant of any license by GE. No assurance can be given that the GE patent rights will be effective in limiting the development of competing products by others who could design around the patents. Except for the GE patent rights, 3DT has no other patent or copyrights on its products. Although 3DT has signed non-disclosure agreements with its

employees and others to whom it disclose proprietary information, no assurance can be given that such protection will be sufficient. The unauthorized use or disclosure of 3DT's proprietary software and other proprietary information may have a materially adverse effect upon its business.

TELECOMMUNICATIONS

ARC Networks, Inc.

ARC Networks was acquired by the Company in December 1993 at the same time as the Company acquired Avionics. ARC Networks was formed by the senior officers of Avionics in 1993 to market a range of telecommunications services to meet the specific needs of its customers. In performing these services, ARC Networks analyzes the client's current telecommunications services and its anticipated short and medium term requirements and seeks to design and implement a telecommunications program to meet such needs. Such services may include designing a client's internal voice, video and/or data communications network or a local area network for intra-office voice and data communications or a wide area network to enable each office to communicate internally, locally, nationally and internationally through one or more local or long-distance carriers. As a distributor of Ericsson Business Communications, Inc. equipment, ARC Networks can offer a range of telecommunications switching and other telecommunications equipment, which could be included as part of a total telecommunications package.

In 1993, ARC Networks entered into a ten-year national agreement with Teleport Communications Group, Inc. ("TCG") pursuant to which ARC Networks can resell local telephone service offered by TCG, which utilizes its own fiber optic network to bypass the service presently offered by the local telephone companies. Until recently, only the local telephone company could offer local telephone service; however, TCG is presently providing local telephone service, which was made possible in New York by rulings of the New York Public Service Commission to deregulate local telephone services. TCG was founded by Merrill Lynch in 1983 to provide long-distance communications for its own use and other corporations based in lower Manhattan in New York City. ARC Networks is marketing local telephone service as an enhancement to a telecommunications services program which ARC Networks designs to enable a customer to minimize the customer's exposure to telecommunications downtime.

Currently, ARC Network, under the agreement is operating in New York and has a new customer in San Francisco. Additionally, ARC Network plans to market to 40 principal cities throughout the United States.

Under the agreements with TCG, ARC Networks has the right to resell point-to-point and local telephone services in every city served by TCG. ARC Networks purchases minutes of telephone time at discounted bulk rates from TCG and resells those minutes at a premium over cost to its clients. ARC Networks does not believe its contractual obligations to purchase telephone usage from TCG represents a material commitment.

ARC Networks believes that it can enhance its position with its clients by offering a value added consulting and telephone management service. The local telephone service in each city is presently dominated by the local telephone companies, who are expected to compete vigorously with resellers. Furthermore, other companies, including long-distance carriers and other telephone companies, may seek to offer local telephone service.

ARC Networks markets its service to high volume commercial users of telecommunications service through a small in-house sales staff and independent telecommunications consultants, some of whom may also perform consulting services for potential customers. It presently provides its services to 40 accounts.

ARC Networks competes with numerous consulting firms, including major international firms, consulting divisions of major accounting firms, consulting divisions of equipment manufacturers and numerous independent firms, some of which may have ongoing relationships with the potential clients, including relationships resulting from a prior employment or other affiliation. The ability of ARC Networks to generate profitable business is dependent upon its ability to distinguish itself from the other firms offering similar services, including and no assurance can be given as to their ability to generate profitable operations. The ability of ARC Networks to complete successfully as a provider of local telephone telecommunications service is dependent upon both its ability to include such services as part of an integrated telecommunications package and, in such capacity, to be able to offer such users local telecommunications service of a quality comparable to that offered by the local telephone companies and other major suppliers of local telephone service at rates which are lower than the rates offered by the local telephone operating company and other providers of local telephone service. The market for local telephone service may be analogous to the market for long-distance service. When competition was permitted in long-distance telephone service, a large number of companies offered such service, including many resellers. However, as the market matured, it became dominated by a small number of long-distance carriers. Similarly, local telephone service may become dominated by a small number of well-capitalized companies and the competition among such companies may inhibit the growth of resellers. Furthermore, local telephone service may become subject to governmental regulations on a Federal, state and local basis. Accordingly, no assurance can be given that ARC Networks can or will ever operate profitably or that there will be a long-term market for the resale of local telephone service.

Telecommunications services are subject to Federal, state and local regulation. Although there has been considerable deregulation in the telecommunications industry, there continue to be regulations affecting local telephone service, both as to rates and nature of service provided and telecommunications equipment.

BUSINESS CONSULTING SERVICES

SIS Capital Corporation

SISC was organized by Consolidated for the purposes of making investments in or advancing funds to companies in which Consolidated has or proposes to obtain an equity position. SISC or one of SISC's subsidiaries holds the Company's equity and debt position in all of the operating subsidiaries. SISC has also advanced approximately \$1,072,000 to a nonaffiliated company which was a debtor in possession pursuant to a Chapter 11 proceeding under the Bankruptcy Act and for which the Company was also performing consulting services. Effective March 1995 the bankruptcy trustee's plan was confirmed in which the Company has a super priority lien on the advances and has the right to name a director to the debtor. If the debtor goes into default to any creditor, the Company has the right to assume the operations of the debtor.

and to convert the debt to equity and at the election of the Company, may receive additional shares of the debtor as a partial reduction of the secured debt enabling the Company to have up to a 95% equity interest in the debtor.

The Trinity Group, Inc.

Trinity provides management and related services both to Consolidated's subsidiaries as well as nonaffiliated entities. Trinity's management services include management, finance, accounting, operations, marketing and other services, which are typically rendered pursuant to a consulting agreement. In the early stages of the subsidiaries' development, Trinity's officers, may serve as senior executive officers of the subsidiaries. In addition, Consolidated, either through Trinity or one of the other subsidiaries, may provide or arrange financing for the subsidiaries. To the extent that the subsidiaries are not generating an operating profit, Trinity may defer the receipt of payment until the subsidiary has the resources to pay the fee.

In addition to performing services for its subsidiaries, Trinity provides similar management services for other companies which are not affiliated with Consolidated. Services for both the subsidiaries and non-affiliated companies are performed principally by Lewis S. Schiller, chairman of the board, president and chief executive officer of Consolidated. Other services may be performed by other officers of Trinity or Consolidated or by independent consultants who are engaged on an ad hoc basis. The fee structure, which is set prior to the engagement, may be paid in cash or securities. Trinity does not conduct any advertising or any active marketing program. Typically, Trinity is engaged as a result of personal contacts by Mr. Schiller.

Trinity competes with numerous consulting firms, including major international firms, consulting divisions of major accounting firms, consulting divisions of equipment manufacturers and numerous independent firms, some of which may have ongoing relationships with the potential clients, including relationships resulting from a prior employment or other affiliation. Trinity's ability to compete successfully in providing consulting services is presently dependent upon the personal contacts of Mr. Lewis S. Schiller, and no assurance can be given that Trinity can or will be able to perform services for nonaffiliated entities. To the extent that the services of Mr. Schiller are required for the management, operation and funding of Consolidated's subsidiaries, Trinity's ability to perform services for nonaffiliated parties is now significantly limited.

Research and Development

The Company's research and development and product development activities are conducted by 3DT, CSM and Sequential, including its subsidiary S-Tech. The Company's research and development expenses for the twelve month periods ended December 31, 1995 and December 31, 1994 and the fiscal years ended July 31, 1994 and 1993 were approximately \$893,000, \$4,842,000, \$1,902,000 and \$396,000, respectively. All research and development activities were performed by the subsidiaries and were company-financed. The Company's research and development and product development efforts could be adversely affected by the lack of available funds.

3DT's development effort has related principally to the development of software which integrated laser sensors with computerized numerical control equipment and other equipment and in connection with the development of its

proposed new products, including the proposed hand sensor and foot digitizing system.

Employees

As of December 31, 1995, the Company employed an aggregate of 365 persons on a full-time basis, of whom 102 were executive, managerial and administrative, 32 were sales and marketing, 45 were manufacturing and 186 were technical. The Company's manufacturing employees all work for either Sequential, S-Tech or WWR and its technical personnel are employed by Netsmart, IMI, 3DT, and Trans Global. In addition, at such date, Trans Global employed approximately 970 individuals who were employed by Trans Global performing work on a temporary basis for, and on the premises of, its clients. The number of persons who are employed by Trans Global varies from period to period, depending on the requirements of their respective clients. All of the employees working for Trans Global's clients are employed on a temporary basis. None of the Company's employees are represented by a union, and the Company believes that its employee relations are good.

Item 2. Property

Consolidated and its subsidiaries, other than 3D International, IMI, Sequential, S-Tech and WWR Technology, occupy an aggregate of approximately 7,000 square feet of office space, principally in New York City and Long Island, New York and Connecticut.

3D International presently has offices in three cities in Europe, where it leases an aggregate of approximately 4,000 square feet.

Sequential occupies approximately 15,000 square feet of office and manufacturing space in Elmsford, New York.

S-Tech occupies approximately 6,500 square feet of manufacturing and office space in West Babylon, New York.

IMI owned four of its Centers and leased the facilities for the remaining centers. Each Center consists of 3,000 to 5,000 square feet, generally located in a shopping plaza or suburban office park in close proximity to major medical facilities. IMI also leases approximately 5,000 square feet for its executive and administrative headquarters in Boca Raton, Florida.

WWR Technology occupies approximately 70,000 feet of usable manufacturing, office and storage space located in Hope, Arkansas.

The aggregate amount of annual rent payable by the Company, based on leases in effect as of December 31, 1995, is approximately \$1,600,000. The Company believes that its present space is adequate to meet its present needs and that additional space is available at suitable locations and on reasonable terms.

Item 3. Legal Proceedings

Holding Company:

The Company has been named as a defendant in a lawsuit filed by a company it was contemplating acquiring in January 1995 for alleged unauthorized use of proprietary information specific to that line of business. Outside counsel handling this case has advised the Company that it has meritorious defenses to obtain a dismissal of the lawsuit.

Contract Engineering Services:

The Government Printing Office wrote a subsidiary of the Company asking to be reimbursed a total of \$296 for unauthorized timework on two programs. The subsidiary has been in contact with the Department of Justice which has stated that they were declining prosecution of the subsidiary regarding this matter. Management believes these claims are without merit and intends to contest these claims vigorously if reasserted by the Government Printing Office and believe that the ultimate disposition of this matter will not have a material adverse effect on the financial position of the Company.

Item 3. Legal Proceedings (continued)

The United States Department of Labor ("DOL") has filed a complaint against Job Shop Technical Services, Inc. ("Job Shop"), a company from which a subsidiary of the Company purchased certain assets and assumed certain obligations, and its former principal shareholder for civil violations of ERISA resulting from the failure of Job Shop to deposit employee contributions to Job Shop's 401(k) retirement plan. A similar complaint was filed by former employees of Job Shop against Job Shop, its former principal shareholder and others. At November 21, 1994, the amount due to the Job Shop 401(k) plan was approximately \$3,000, which amount may have increased since such date as a result of interest and penalties. Neither the Company nor RMI, which is the subsidiary which acquired assets and assumed certain obligations of Job Shop in November 1994, has been named as a defendant in either of such actions. The DOL has raised with the Company the possibility that RMI may be liable with respect to Job Shop's ERISA liability as a successor corporation or purchaser of plan assets, even though RMI may did not assume such obligations and paid value for those assets which it did purchase. Although the Company believes that RMI is not a successor corporation to Job Shop and is not responsible for Job Shop's ERISA violations, the DOL may take a contrary position. If the DOL takes such a position and prevails, it would have a material adverse effect upon the operations of RMI and possibly the Company as a whole.

Medical Information Services:

An action was commenced against a subsidiary of the Company by the filing of a summons with notice in the Supreme Court of the State of New York, County of New York. The action was commenced by Jacque W. Pate, Jr., Melvin Pierce, Herbert A. Meisler, John Gavin, Elaine Zanfini, individually and derivatively as shareholders of Onecard Health Systems Corporation and Onecard Corporation, which corporations are collectively referred to as "Onecard". The named defendants include, in addition to the subsidiary, officers and directors of the subsidiary and the Company. A complaint was filed on November 15, 1995. The complaint makes broad claims respecting alleged misappropriation of Onecard's trade secrets, corporate assets and corporate opportunities, breach of fiduciary relationship, unfair competition, fraud, breach of trust and other similar allegations, apparently arising at the time of, or in connection with the organization of the subsidiary in September 1992. The complaint seeks injunctive relief and damages, including punitive damages of \$130,000. Management believes that the action is without merit, and it will vigorously defend the action. Nevertheless, due to uncertainties in the legal process, it is at least reasonably possible that management's view of the outcome will change in the near term and there exists the possibility that there could be a material adverse impact on the operations of the Company.

Item 3. Legal Proceedings (continued)

Audio Visual Manufacturing and Services:

There is an action pending against a subsidiary of the Company alleging claims against the subsidiary for unauthorized use of the Klipsch trademark. The Company denies these allegations and asserts there has been no material breach of contract. The case is currently in the discovery phase and the amount of any liability, if any, cannot be estimated. Management intends to defend vigorously the claims alleged against the subsidiary. Nevertheless, due to uncertainties in the legal process, it is at least reasonably possible that management's view of the outcome will change in the near term and there exists the possibility that there could be a material adverse impact on the operations of the subsidiary.

Item 4. Submission of Matters to a Vote of Security Holders

No matters were submitted to security holders for a vote during the year ended December 31, 1995.

Part II

Item 5. Market for Registrant's Common Equity and Related Stockholder Matters

The Company's Common Stock is traded on the Nasdaq SmallCap Market under the symbol COTG. Set forth below is the reported high and low bid prices of the Common Stock for the fiscal quarters and transition period listed. Such prices are as reported by Nasdaq since January 1994 and by National Quotation Bureau derived from the pink sheets or OTC Bulletin Board for prior periods. Such bid quotations reflect interdealer prices, without retail mark-up, mark-down or commission and may not necessarily represent actual transactions.

Quarter Ending -----	High Bid -----	Low Bid -----
March 31, 1994	6.62	5.75
June 30, 1994	6.62	3.25
September 30, 1994	4.50	0.87
December 31, 1994	1.25	0.50
March 31, 1995	1.28	0.63
June 30, 1995	1.19	0.88
September 30, 1995	0.94	0.50
December 31, 1995	0.63	0.25

As of December 31, 1995, there were approximately 19,300 holders of record of the Company's common stock.

No cash dividends have been paid to the holders of the Common Stock during the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993.

Item 6. Selected Financial Data

	Year Ended		Fiscal Year Ended July 31,		
	1995	1994	1994	1993	1992
	----	----	----	----	----
	(in 000's except per share data)				
Selected Statements of Operations Data:					
Revenues	\$110,097	\$41,578	\$15,742	\$ 3,839	\$ 4,533
	=====	=====	=====	=====	=====
Income (Loss) from Operations	(\$ 11,112)	(\$10,464)	(\$10,566)	(\$ 1,403)	\$ 59
	=====	=====	=====	=====	=====
Income (Loss) before Extraordinary Item	(\$ 11,360)	(\$11,428)	(\$10,772)	\$ 594	(\$ 122)
Extraordinary Item - Net of Tax	--	--	--	146	--
	-----	-----	-----	-----	-----
Net Income (Loss)	(\$ 11,360)	(\$11,428)	(\$10,772)	\$ 740	(\$ 122)
	=====	=====	=====	=====	=====
Net Income (Loss) per Common Share	(\$0.51)	(\$0.80)	(\$1.35)	\$0.18	(\$0.03)
	=====	=====	=====	=====	=====
Selected Balance Sheet Data:					
Total Assets	\$ 66,312	\$68,089	\$25,070	\$ 7,381	\$ 4,775
	=====	=====	=====	=====	=====
Long-term Obligations:					
Long-term Debt and Capital Lease Obligations	\$ 8,408	\$11,183	\$ 298	--	--
Subordinated Debt	5,003	17,926	--	--	--
	-----	-----	-----		
Total Long-term Obligations	\$ 13,411	\$29,109	\$ 298	--	--
	=====	=====	=====		
Cash Dividends Declared per Common Share	--	--	--	--	--

The following factors make the above selected financial data non comparable for the following indicated periods and reasons:

- 1) The fiscal year ended July 31, 1993 includes unusual income of \$1,523.
- 2) The fiscal year ended July 31, 1994 includes expense of \$7,140 from the issuance of stock options to consultants.

Item 6. Selected Financial Data (continued):

3) The year ended December 31, 1994 includes expense of \$4,140 from the issuance of stock options to consultants.

4) The year ended December 31, 1995 includes expense of \$3,869 from the issuance of stock options to consultants.

5) In December 1993, the Company acquired ARC Acquisition Group, Inc. and ARC Networks, Inc. and in June 1994, the Company acquired Creative Socio-Medics, Inc. Such acquisitions resulted in: (i) an increase in assets of approximately \$13,000 as of July 31, 1994; (ii) an increase in revenues of approximately \$11,000 for the fiscal year ended July 31, 1994 and \$14,400 for the year ended December 31, 1994; and (iii) a net increase in net loss of approximately \$173 for the fiscal year ended July 31, 1994 and \$1,600 for the year ended December 31, 1994.

6) In September 1994 the Company acquired International Magnetic Imaging, Inc. and in November 1994, the Company acquired Job Shop Technical Services and Computer Engineering Services. Such acquisitions resulted in: (i) an increase in assets of approximately \$47,200 as of December 31, 1994; (ii) an increase in revenues of approximately \$11,500 for the year ended December 31, 1994; and (iii) a net decrease in net loss of approximately \$270 for the year ended December 31, 1994.

7) In May 1995 the Company acquired Concept Technologies resulting in: (i) an increase in assets of approximately \$1,780 as of December 31, 1995; (ii) an increase in revenues of approximately \$2,149 for the year ended December 31, 1995; and (iii) an increase in net loss of approximately \$553 for the year ended December 31, 1995.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations (in 000's except share data)

Financial Condition
Liquidity and Capital Resources

The Company's principal working capital consists of cash and cash equivalents. Cash and cash equivalents were \$1,636 at December 31, 1995 compared to \$1,727 at December 31, 1994. During the year ended December 31, 1995, the Company's net cash provided by operations was \$1,999 of which \$5,950 related to the operations of International Magnetic Imaging, Inc., ("IMI") which means that all other entities used a net amount of \$3,951 in operations. As such it is clear that on a consolidated basis, the Company's principal source of cash was from the operations of IMI. Pursuant to an IMI financing agreement with a creditor, restrictions exist on the distributions of IMI funds whereby IMI may not make payments out of the ordinary course of IMI operations and specifically, not to the parent company, (Consolidated), or any subsidiary or affiliate. The other segments are thereby required to operate on their own cash flows and as of December 31, 1995 the most significant impact from these restrictions is on the Three Dimensional Products and Services and Medical Information Services segments which are currently unable to operate without significant cash infusions from the parent company, (Consolidated). If these segments do not obtain alternative sources of funding (i.e. equity offerings, creditor financing or increased volume), it is uncertain whether these segments will continue as operating groups. The remaining segments have been able to offset the cash used in operations by obtaining cash from financings and subsidiary level equity offerings.

Sources of funds during the year ended December 31, 1995, other than from operations includes \$1,664 from debt financings, \$5,181 from the issuance of stock and the exercise of stock options, \$504 of cash from an acquired subsidiary, \$530 from the sale of common stock investments and \$220 from the sale of fixed assets. The principal use of cash, other than to fund operations, includes \$8,103 for payment on debt and capital lease obligations, \$983 for the acquisition of a subsidiary, \$684 for the purchase of fixed assets and \$129 for offering costs. Net other uses of cash amounted to \$290.

Working capital assets, other than cash, increased by \$2,559. Receivables increased by \$2,397 of which approximately \$293 is due to acquisitions and the remainder to increased sales volumes. Excess of accumulated costs over related billings increased by \$1,002 which is offset by a corresponding increase in excess of billings over accumulated costs on projects in progress. Notes receivable decreased by \$967 due primarily to payments received in cash and common stock on the Fingermatrix loan. The remaining increase in working capital assets is due primarily to acquisitions. Working capital liabilities increased by \$17,492. Accounts payable and accrued expenses increased approximately \$5,332 of which \$687 is from acquisitions while the remainder is due primarily to a build up of slow paying trade accounts payable. Current portions of debt and capital lease obligations increased by \$11,114 due primarily to the scheduled balloon payments due in 1996 on the subordinated debt.

In January 1996, the Company refinanced a significant portion of the current subordinated debt that was to be paid in 1996. Such financings consist of a term loan of \$2,000, a revolver loan of \$6,000 and the extension of approximately \$7,600 of subordinated balloon payments from a 1996 due date to

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations (in 000's except share data)

Financial Condition

Liquidity and Capital Resources (continued)

a 2000 due date. The effects of this refinancing has reduced current debt from \$24,086 to \$8,378 and has alleviated a significant portion of the Company's working capital deficit. However, even after the above financing, the Company continues to have a working capital deficit of \$4,439 on a pro forma basis as of December 31, 1995. The Company's plans to reduce the working capital deficit includes attempts to increase the profitability of the underlying subsidiaries and the continued efforts to sell equity in the non public subsidiaries via initial public offerings. The Company currently has a letter of intent with an underwriter for the sale of one subsidiary's stock and in connection therewith, obtained investor financing of \$500. There remains a substantial doubt as to whether any attempted public offerings of subsidiary stock will be successful and the Company currently has no other plans if such offerings are not ultimately consummated.

Furthermore, the Company is in default on loans aggregating \$1,058 as of December 31, 1995. \$530 of such defaulted debt relates to the late payment of interest only payments which have been subsequently paid. It is currently not expected that the lender will demand early payment on the loan which is due in November of 1997 per the original terms of the financing. The remaining loans in default of \$528 are a result of non payment of principal on the scheduled due dates. Such defaults have not had, and are not expected to have a significant impact on the operations of the related segments as the creditors have not called such loans and are working under extended repayment terms. However, if the creditors exercised their right to call the loans in default, it would have a material adverse impact on the operations of the Company as a whole and no assurances can be made that such creditors will continue to work under extended payment terms.

Results of Operations

The consolidated loss of the Company for the year ended December 31, 1995, which includes a full year of operations for substantially all of the segments except Audio Visual manufacturing and Services was \$11,360. Included in the consolidated loss are noncash expenses of \$7,602 from depreciation and amortization, \$6,083 from the exercise of stock options and \$470 from the write-off of obsolete and slow moving inventory. These non cash expenses are offset to a degree by the minority interest loss of \$3,724 related to the operations of a publicly held subsidiary that has reduced the net loss by \$3,724. While it is expected that the level of depreciation and amortization will only decrease nominally in future periods, it is not currently expected that noncash expenses from the exercise of stock options will be of a recurring nature.

Consolidated revenues, gross profit and selling, general and administrative expenses for the year ended December 31, 1995 compared to the year ended December 31, 1994 increased primarily to the fact that subsidiaries acquired during the year ended 1994 are included for the entire year during 1995 and only a portion of the year in 1994. Consolidated revenues, gross profit and selling, general and administrative expenses for the fiscal year ended July 31, 1994 compared to the fiscal year ended July 31, 1993 increased

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations (in 000's except share data)

Results of Operations (continued)

significantly due to the operations of subsidiaries that were not acquired until after July 31, 1993. The percentage of relative contribution to revenues, gross profit, and selling general and administrative expenses by industry segment is shown in the following tables. Changes within the individual industry segments themselves is discussed further within the respective industry segment discussions.

Segments	Percentage of Total			
	Year Ended		Fiscal Year Ended	
	December 31,		July 31,	
	1995	1994	1994	1993
Revenues:				
Contract Engineering Services	57%	60%	65%	16%
Medical Diagnostics	25%	15%	--	--
Electro-Mechanical and Electro-Optical Products Manufacturing	4%	9%	22%	80%
Medical Information Services	7%	7%	1%	1%
Telecommunications	3%	6%	7%	--
Three Dimensional Products and Services	1%	2%	2%	2%
Audio Visual Manufacturing and Services	2%	--	--	--
Business Consulting Services	1%	1%	3%	1%
Gross Profit:				
Contract Engineering Services	19%	27%	46%	4%
Medical Diagnostics	59%	43%	--	--
Electro-Mechanical and Electro-Optical Products Manufacturing	5%	2%	7%	85%
Medical Information Services	9%	10%	1%	3%
Telecommunications	3%	10%	13%	--
Three Dimensional Products and Services	3%	5%	6%	5%
Audio Visual Manufacturing and Services	1%	--	--	--
Business Consulting Services	1%	3%	27%	3%

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations (in 000's except share data)

Results of Operations (continued)

Segments	Percentage of Total			
	Year Ended		Fiscal Year Ended	
	December 31,		July 31,	
	1995	1994	1994	1993
Selling, General and Administrative Expenses:				
Contract Engineering Services	14%	11%	8%	6%
Medical Diagnostics	21%	10%	--	--
Electro-Mechanical and Electro-Optical Products				
Manufacturing	6%	10%	9%	24%
Medical Information Services	13%	13%	5%	9%
Telecommunications	4%	5%	2%	--
Three Dimensional Products and Services	9%	11%	7%	6%
Audio Visual Manufacturing and Services	2%	--	--	--
Business Consulting Services	1%	4%	3%	7%
Corporate and Other	30%	36%	66%	48%

Discussion of Operations by Segment:

Contract Engineering Services:

During the year ended December 31, 1995 and 1994 and July 31, 1994, substantially all of the revenues were from the operations of Trans Global. Revenues and gross margins for 1995 compared to 1994 increased \$37,861 or 150% and \$2,355 or 144%, respectively, due primarily to the acquisition of an additional subsidiary in this segment in November 1994. Selling, general and administrative expenses increased by \$2,693 or 154% from 1994 to 1995 due primarily to the inclusion of a subsidiary acquired in November 1994 which had selling, general and administrative expense of \$3,261 in 1995 and \$321 in 1994. Other expenses for 1995 compared to 1994 increased by \$866 or 500% as a result of increased interest expense. The increased interest expense is due primarily to the inclusion of a subsidiary acquired in November 1994. This segment finances its payroll obligations by borrowing from a receivable factor at an interest rate of 2% in excess of prime in addition to a commission fee of .3% of the face of the invoice amounts financed.

Revenues, gross margins and selling, general and administrative expenses were \$10,221, \$1,007 and \$1,028, respectively for the year ended July 31, 1994. Revenues, gross margin and selling, general and administrative expenses were \$611, \$51 and \$141, respectively, for fiscal year ended July 31, 1993 and were from Universal, a subsidiary in which the Company no longer includes in consolidation because a significant portion of the business was sold. Due to the change in companies operating in this segment, operating results for the years ended July 31, 1994 and 1993 are not comparable.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations (in 000's except share data)

Results of Operations (continued)

This segment operates in a highly competitive environment with low margins. Revenues from the contract engineering services segments is based on the hourly cost of payroll plus a percentage. The success of the segment is dependent upon its ability to generate sufficient revenues to enable it to cover its fixed costs and other operating expenses, and to reduce its variable costs. Under its agreements with its customers, this segment is required to pay its employees and pay all applicable Federal and state withholding and payroll taxes prior to receipt of payment from clients. Furthermore, the segment's payments from its clients are based upon the hourly rate paid to the employee, without regard to when payroll taxes are payable with respect to the employees. Accordingly, the segment's cost of service are greater during the first part of the year, when Federal Social Security taxes and state unemployment and related taxes, which are based on a specific level of compensation are due. Thus, until the segment satisfies its payroll tax obligations, it will have lower gross margins. Management believes that with this segments current selling, general and administrative structure it can improve its operating income and generate profitable operations by increasing revenue. The segment is seeking to reduce its interest costs by negotiating with other receivable factors. This segment also intends to increase its equity base through the sale of equity securities which would allow the segment to reduce its borrowing base. However, there can be no assurance that the segment can or ever will be able to operate at profitable levels.

Medical Diagnostics:

This segment consists of a medical diagnostic imaging company, which primarily performs MRI and other diagnostic modalities, that was purchased in September 1994 and as such the prior periods are not comparable to the year ended December 31, 1995. During 1995, this segment had revenues of \$28,044, gross margins of \$12,235 and income from operations of \$5,367. During 1994, from the period of acquisition at September 30, 1994 through December 31, 1994, this segment had revenues, gross margins and income from operations of \$6,557, \$2,661 and \$1,036, respectively. Gross margins as a percentage of revenues increased from 41% in 1994 to 44% in 1995 due primarily to cost containment efforts which offset the effects of declining reimbursement rates. Selling, general and administrative expenses as a percentage of revenues remained level at 25%. During 1995, management of the medical diagnostics segment implemented a cost reduction plan which included the centralization of billing and collections operations, renegotiation's with significant vendors and a reduction of overall salary and wage levels. This cost reduction plan allowed the selling, general and administrative expenses to remain level on a percentage basis while the volumes of the company increased and the reimbursement rates decreased. Management anticipates that scan volume will increase 5% during 1996; however, due to the volatility of reimbursement rates in the medical industry, there is no assurance that revenues will increase at the same level. During 1995, interest expense was \$2,565 and is expected to increase during 1996 due to the issuance of additional debt during January of 1996. Overall profitability of the medical diagnostics segment is expected to remain relatively level for 1996.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations (in 000's except share data)

Results of Operations (continued)

Electro-Mechanical and Electro-Optical Products Manufacturing:

Revenues for the year ended December 31, 1995 compared the same period in 1994 increased \$618 or 17% and gross margins increased \$929 or 720% for the same periods. The significant increase in gross margins is due to the following: (i) in 1995 the segment sold product lines with a greater margin percentage, (ii) in 1995 obsolete inventory write-offs were \$100 less than in the prior year and (iii) this segment formed an additional operating entity which generated gross margins of \$82. Selling, general and administrative expenses increased by \$227 or 14% due to the formation of an additional operating entity in this segment which had operating expense of \$216 that did not exist in the prior year. The operating expenses of the previously existing entities in this segment remained relatively level from 1995 to 1994. Loss from operations decreased by \$702 or 46% due to the above noted increase in gross margins and the fact that in 1994 the company wrote-off goodwill of approximately \$285.

Revenues for the fiscal year ended July 31, 1994 compared to the fiscal year ended July 31, 1993 increased \$416 or 14% while gross profit decreased \$839 or 84% and profitability decreased \$1,380 or 361%. During the fiscal year ended July 31, 1994 an acquired subsidiary (S-Tech) in this segment became operational which is the primary reason for the increase in revenues. The decrease in gross margins is due to the fact that S-Tech had negative gross margins due primarily to the write-down of obsolete inventories. Additionally, the previously existing company (Sequential Electronic Systems) in this segment operated at a lower margin ratio than in the prior comparable period. S-Tech's selling, general and administrative expenses, as a percentage of revenues, were significantly higher than Sequential Electronic Systems which accounts for the significant increase in such expenditures.

A portion of the revenues in this segment are generated from government sales and while there exists a possibility that there will be reversals in government spending cutbacks, it is more likely that defense and military spending will remain sluggish through 1996. Management plans to continue placing more emphasis on sales to the private sector and overall it is anticipated that revenues and operating profits will remain relatively stable in this segment.

Medical Information Services:

During June 1994, the Company acquired a subsidiary (CSM) which accounted for all of the revenues and gross margin in this segment for the year ended December 31, 1994. Since CSM was not a part of the consolidated operations until July 1, 1994, the prior periods operating results are not comparable to those of the year ended December 31, 1995.

During the year ended December 31, 1995 revenues were \$7,381. The largest component of revenue was \$2,000 from the sale of third party hardware and software. A significant portion of such revenue was related to services pursuant to a purchase order from the State of Colorado for its Department of Human Services. Revenues generated from turnkey systems and data center

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations (in 000's except share data)

Results of Operations (continued)

accounted for \$1,800 and \$1,700, respectively. Maintenance revenue accounted for \$1,100 and the remainder of the revenue was generated from the CarteSmart technology operations. The gross margin in 1995 was \$1,974 which is 27% of revenues. Selling, general and administrative expenses were \$4,247 and included research and development costs of \$699 and the write-off of deferred offering costs of \$863. Interest expense amounted to \$533 and is expected to increase in the subsequent years due to additional financings in 1996.

During the year ended December 31, 1994 revenues were \$2,925 and included \$913 from third party hardware and software sales, \$1,000 from turnkey systems and data center operations, and the remainder from maintenance revenues. Gross margins were \$601 representing 21% of revenues, and selling, general and administrative expenses were \$2,129 including \$367 of research and development expenses. Interest expense was \$245 for the year ended December 31, 1994 which includes on six months of interest since CSM was not acquired until June 1994. During the fiscal years ended July 31, 1994, and 1993 the medical information services segment consisted of a single development stage subsidiary and revenues and gross margins were minimal.

This segment is addressing its continuing losses through the development and implementation of an integrated marketing plan for both its CarteSmart system and health information systems and services and the development of enhancements to its health information systems and the development and implementation of a marketing plan directed at the financial services industry and educational institutions. The segment has obtained its initial contracts for its products in both areas with agreements with IBN (financial services) and Virginia Commonwealth University (educational institution). Furthermore, it believes that the acquisition, through a joint venture corporation, of the SATC Software, and further development of such software will provide it with a significant product for the financial services industry. However, notwithstanding the segment's product development and marketing efforts, losses may continue and no assurance can be given that the segment will be successful in these efforts.

Telecommunications:

In December of 1993 the Company acquired ARC Networks which is the only entity operating in this segment. During the year ended December 31, 1995 compared to the year ended December 31, 1994, revenues, gross margins and selling, general and administrative expenses increased by \$984, \$55, and \$416, respectively. The increased revenue is attributed to an increased sales force which has also increased the selling, general and administrative expenses which consist primarily of salaries and commissions. This segment operates in a highly competitive industry at low margins and in order for this segment to become a viable operating entity, it will need to significantly increase revenue volume. As of December 31, 1995 management is unable to determine whether this segment will ever operate at a level that is profitable.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations (in 000's except share data)

Results of Operations (continued)

Three Dimensional Products and Services:

Revenues and gross profit for the year ended December 31, 1995 compared to the year ended December 31, 1994 increased \$926 or 109% and \$359 or 121%, respectively, while losses from operations increased \$687 or 44%. During November 1994 an additional subsidiary was acquired that operates in this segment and a full years operations from such subsidiary accounted for increases of revenues, gross margin and loss from operations of \$226, \$18 and \$677, respectively. The remainder of operating increases were primarily a result of this segment's European operations which had increased operating activity in Belgium, the United Kingdom and Germany. Selling, general and administrative expenses increased \$1,045 or 57% which reflects this segment's continued product development costs.

Revenues for the fiscal year ended July 31, 1994 compared to the fiscal year ended July 31, 1993 increased \$212 or 264%, while gross profit and loss from operations increased \$63 or 114% and \$657 or 606%, respectively. During the fiscal years ended July 31, 1994 and 1993 the three dimensional products and services segment was in the development stage and as such the revenues and gross margins were minimal while the selling, general and administrative expenses have been significant and account for the majority of the net operating losses.

This segment continues to generate significant losses and has been unable to generate revenues at a volume from any of its products and services sufficient to cover its ongoing product development costs. During 1996, management is evaluating the organizational structure of its domestic and overseas operations and is in the process of formulating a plan to reduce selling, general and administrative expenses which may include the closure of certain offices in the United States, as well as Europe, in order to streamline operations without significantly impacting the segment's ability to grow revenues and gross margins. Even in the event that a cost reduction plan is formalized and implemented, this segment will need a significant infusion of capital in order to sustain operations. Currently, there are no firm commitments for obtaining such capital. As such, there is substantial doubt about this segment's ability to continue as an operating entity and it is doubtful whether this segment will ever become profitable.

Audio Visual Manufacturing and Services:

This segment consists of one operating entity which was acquired in the second quarter of 1995. As such, the operations reported herein reflect only the results from the date of acquisition through December 31, 1995 and there are no prior comparable periods. Since the date of acquisition through December 31, 1995 revenues, gross margins and losses from operations were \$2,149, \$202 and \$492, respectively. Approximately 75% of this segment's revenue were generated from domestic sales, approximately 12% were from sales in the far east and approximately 13% from other foreign markets. The gross margins as a percentage of revenues were 9% which is substantially lower than the margins required to operate profitably. Included in direct costs is \$70 of inventory obsolescence write-offs which represents a 3% incremental decrease in the gross

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations (in 000's except share data)

Results of Operations (continued)

margins. A significant cause of the low margins relates to idle plant capacity and an outdated production machine. Management is attempting to obtain financing to purchase a new production machine which would produce products significantly faster and additionally, reduce the need to purchase assembly parts from an outside source since the new production machine would be able to produce such parts on a timely basis. Additionally, the segment needs to obtain a line of credit to fund current working capital needs as the segment's vendors have been extended to the point where parts shipments have been negatively impacted. Selling, general and administrative expenses were \$694 from the date of acquisition through December 31, 1995 and exceed gross margins by \$492. This excess of expenses over gross margins is a reflection of the volume problem of this segment. Management believes that this segment has a viable and proven product that has been an industry standard since 1940 and with the appropriate financing and capitalization this segment would be able to produce revenues at a volume that would generate profits and at December 31, 1995 the segment has a backlog of orders of approximately \$350. However, due to the uncertainties surrounding the ability of the segment to obtain adequate financing, management is unable to determine at this time whether the segment will ever be profitable.

Business Consulting Services:

For the years ended December 31, 1995 and 1994, revenues and gross margins of the business consulting operations were not significant which is consistent with management's decision to concentrate time and resources managing internal operations of the preexisting and newly acquired companies. Selling, general and administrative expenses were also not significant for the year ended December 31, 1995 but amounted to \$623 for the year ended December 31, 1994 which is a factor of the significant acquisition activity that occurred during 1994. Income from operations for the fiscal year ended July 31, 1994 compared to the fiscal year ended July 31, 1993 increased 226%. During the fiscal year ended July 31, 1993, consulting fee revenue was minimal and during the fiscal year ended July 31, 1994 the selling, general and administrative expenses did not increase at the same rate as revenues, which accounts for the significant percentage increase in profitability. During 1996, management anticipates that consulting revenues and related expenses will not be a significant portion of the Company's operations.

Corporate and Other:

Selling, general and administrative expenses increased by \$3,470 or 56% from \$6,192 for the year ended December 31, 1994 to \$9,662 for the year ended December 31, 1995. Included in the selling, general and administrative expenses is noncash consulting fee expenses incurred upon the issuance of non employee directors and consultants stock options of \$6,083 and \$4,140, respectively, for the years ended December 31, 1995 and 1994. The remaining increases are due primarily to increased legal and accounting fees to outside

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations (in 000's except share data)

Results of Operations (continued)

firms, increased financial support staff and increased outside consulting fees. Such increases were necessitated by the acquisition activity during the related periods.

Selling, general and administrative expense for the fiscal year ended July 31, 1994 compared to the fiscal year ended July 31, 1993 increased 573%. The most significant portion of this increase is \$7,140 of noncash consulting fee expenses incurred upon the issuance of non employee directors and consultants stock options. Additionally, costs were incurred as a part of acquiring and managing the new subsidiaries purchased since July 31, 1993.

During 1996, it is anticipated that corporate selling, general and administrative expense levels will be a factor of the activity of additional acquisitions and capitalization activities which cannot be quantified on a prospective basis.

Discussion of Other Significant Financial Line Items:

Interest Expense:

For the year ended December 31, 1995 compared to the year ended December 31, 1994, interest expense increased \$2,863 or 235%, and for the fiscal year ended July 31, 1994 compared to the fiscal year ended July 31, 1993 increased \$261 or 114%. The increased interest expense for both comparable periods is due to the issuance of debt instruments in connection with the acquisition of International Magnetic Imaging, Inc. and affiliated entities, ("IMI"). During the years ended December 31, 1995 and 1994, interest expense related to IMI was \$2,565 and \$703, respectively. The significant increase is due to the fact that IMI was not acquired until September 1994 and as such the interest expense for the year ended December 31, 1994 reflects only three months of interest expense.

Gain (Loss) from Security Sales:

During the year ended December 31, 1995, losses on investment activity were nominal. For the year ended December 31, 1995 the loss on sales of securities consisted primarily of the recognition of investments that were determined to have a permanent decline in market value and as such, the decline was recognized in that period and is no longer included in the unrealized loss from marketable securities in the equity section of the balance sheet.

During the fiscal year ended July 31, 1994, losses on investment activity were nominal. During the fiscal year ended July 31, 1993, the Company had a significant gain on the sale of a company's stock that was held for investment purposes.

Security sales vary from period to period based on, among other things, market activity and cash needs, and management cannot estimate the amount of future security sales gains or losses, if any, that will be generated from such transactions.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations (continued)

Unusual Item:

For the fiscal year ended July 31, 1993, the unusual item consists of income of \$1,522,878 related to the settlement of a lawsuit and a gain on the repurchase of the assets of a subsidiary. See further discussion of this item in the footnotes to the financial statements.

Income Taxes:

The Company's provision for income taxes were (1.5%), (0.06%), 0%, and 4% of income before taxes for the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993, respectively. The Company will have a net operating loss carryforward of approximately \$44,882. The net operating loss carryforwards expire beginning in 1996 through 2010. Investment tax credit and job tax credit carryforwards of approximately \$105 are available to reduce future income taxes. These credits expire beginning in various years through 1999. These credits have been reduced to reflect changes made by the "Tax Reform Act of 1986". See Note 12 To the Financial Statements.

Impact of Inflation:

The Company is subject to normal inflationary trends and anticipates that any increased costs would be passed on to its customers.

Item 8. Financial Statements and Supplementary Data

The financial statements and supplementary data begin on page F-1 of this Form 10-K.

Item 9. Changes and Disagreements with Accountants on Accounting and Financial Disclosure

None

PART III

Item 10. Directors and Executive Officers of the Registrant

Set forth below is information concerning the executive officers of the registrant.

Name	Age	Position
----	---	-----
Lewis S. Schilller	65	Chairman of the Board, President, and Chief Executive Officer
George W. Mahoney	35	Chief Financial Officer
Norman J. Hoskin	61	Director
Grazyna B. Wnuk	32	Secretary

Mr. Schiller has been the Registrant's chief executive officer for more than the past five years. Mr. Schiller also serves as a senior executive officer of the Registrant's subsidiaries. On December 11, 1989, Mr. Schiller was elected as chairman and chief executive and financial officer of General Technologies Group, Ltd. ("GTG"), a corporation in which Consolidated was a stockholder and a major creditor.

Mr. Mahoney has been chief financial officer of Registrant since October 1994. From December 1991 until September 1994, Mr. Mahoney was chief financial officer of IMI and IMI's affiliated entities. Consolidated acquired the assets of IMI and certain of its affiliated entities during 1994. From April to December 1991, he was chief financial officer of Labor World USA, Inc., a labor leasing company, and for more than three years prior thereto, he was chief financial officer of Guardian Bank.

Mr. Hoskin has been a director of the Registrant since September 1992. He is the former chairman of Republic Holdings Corporation of West Palm Beach, Florida and chairman of Executive Express Travel of New York, NY since 1989. He has previously served as the founder and president of Hoskin Leasing, Inc., chairman of Potomac Financial Equities, Inc., chairman of CSB/First Florida Leasing, Inc., as president of National Bank of Florida Corporation, and as senior vice president of Rentar Industries Group, Inc., the parent company of Emery Freight Systems and Interstate Truck Lines. He is also a director of Trinitech Systems, Inc., a company which markets communications and related products principally to the banking and securities industries.

Ms. Wnuk has been the secretary of the registrant since 1991. Prior thereto she served as a secretary for the registrant and as a sales associate in Bloomingdales in New York City.

Officers are elected by, and serve at the pleasure of, the board of directors. Pursuant to an employment agreement dated October 1, 1994, the Company has agreed to employ Mr. Schiller as its chief executive during the term of the agreement, which continues until December 31, 2000. Pursuant to an employment agreement dated October 1, 1994 and superseded by an agreement dated March 21, 1995, the Company has agreed to employ Mr. Mahoney as its chief financial officer during the term of the agreement, which continues until December 31, 1999.

Item 11. Executive Compensation
(in 000's except share data)

Set forth below is information concerning the Registrant's chief executive officer and chief financial officer of the Registrant who are the only executive officers of the Registrant who received or accrued compensation from the Registrant and its subsidiaries in excess of \$100 (on an annualized basis) during the years ended December 31, 1995 and 1994 and the fiscal years ended July 31, 1994 and 1993.

Summary Compensation Table (in 000's except share data):

Name and Principal Position	Annual Compensation		Awards		Payouts
	Salary	Bonus	Restr- icted Stock Awards	Securi- ties Under- lying Options/ SARs(#)	LTIP Payouts
Year Ended December 31, 1995:					
Lewis S. Schiller, CEO[1]	\$ 250	--	--	--	--
	=====				
George W. Mahoney, CFO[2]	\$ 177	\$ 36	--	--	--
	=====	=====			
Year Ended December 31, 1994:					
Lewis S. Schiller, CEO[1]	\$ 199	--	--	-- [3]	--
	=====				
George W. Mahoney, CFO[2]	\$ 50			750,000 [4]	--
	=====			=====	
Year Ended July 31, 1994:					
Lewis S. Schiller, CEO[1]	\$ 182	--	--	--	--
	=====				
Year Ended July 31, 1993:					
Lewis S. Schiller, CEO	\$ 175	--	--	--	--
	=====				

[1] Mr. Schiller has an employment agreement dated October 1, 1994 with the Company pursuant to which it employs him as chief executive officer through December 31, 1998 at an annual salary of \$250, subject to an annual cost of living increase. Mr. Schiller is also entitled to a bonus equal to 10% of the Company's consolidated income before income taxes in excess of \$250. No bonus was payable for the year ended December 31, 1995. The Company also granted to Mr. Schiller a five-year option to acquire 10% of the Company's securities portfolio at 110% of the Company's cost.

Item 11. Executive Compensation (continued)
(in 000's except share data)

[2] Mr. Mahoney has an employment agreement dated October 1, 1994, and superseded by an agreement dated March 21, 1995, with the Registrant pursuant to which it employs him as chief financial officer through December 31, 1999. Mr. Mahoney will receive a base salary of \$165, \$177, \$189, \$202 and \$220 for the years ending December 31, 1995, 1996, 1997, 1998 and 1999, respectively. Additionally, Mr. Mahoney shall also receive incentive compensation equal to the greater of one percent of the net pretax profits or net cash flow of the Registrant, plus the greater of one percent of the net pretax profit or net cash flow of IMI (a wholly-owned subsidiary of the Registrant), subject to a maximum of twice Mr. Mahoney's base salary for the respective year.

[3] Pursuant to a stock purchase plan dated December 15, 1994, Mr. Schiller received the right to purchase 2,500,000 unregistered shares at the fair market value on that date (\$.50 per share). Mr. Schiller did not exercise his right to purchase such shares and such rights have expired as of December 31, 1995.

[4] On December 15, 1994, Mr. Mahoney received options to purchase 750,000 shares of unregistered stock at an exercise price of \$.50 per share (the fair market value on that date).

Option Table:

Name	Number of Securities	Individual Grants			Potential Realized Value at Assumed Annual Rates of Stock Price Appreciation for	
		% of Total Options Granted to Employees	Exercise Price (\$/Sh)	Expiration Date	Option Term	
					5%	10%
George W. Mahoney	750,000	43%	\$0.50	12/14/98	\$19	\$38
	=====	===	====		==	==

No other officers or directors have employment agreements with the Registrant.

No officers or directors hold options to purchase any of the Registrant's common stock.

Item 12. Security Ownership of Certain Beneficial Owners and Management

No person or group known to the Registrant owns 5% or more of any of the Registrant's voting securities as of April 10, 1996, except as set forth below with respect to the Registrant's Series A Redeemable Convertible Preferred Stock (Series A Preferred Stock). No officers or directors of the Registrant own any of the Registrant's Common Stock as of April 25, 1995. The following table sets forth, as of April 10, 1996, the number and percentage of rights to shares of outstanding Common Stock owned by each person owning at least 5% of the Registrant's Series A Preferred Stock, each director owning stock and all directors and officers as a group:

Name and Address[1]	Amount and Nature of Beneficial Ownership[2]	Percent of Series
Lewis S. Schiller	4,480	5.8%
Norman J. Hoskin	1,280	1.7%
Joel M. Brown	1,536	2.0%
All officers and directors as a group (four individuals owning stock)	11,520	14.8%

[1] - The address of each person is c/o Consolidated Technology Group Ltd., 160 Broadway, New York, NY 10038.

[2] - Each person named has the sole voting and sole investment power and has direct beneficial ownership of the shares.

Item 13. Certain relationships and Related Transactions

Loan Receivable from an Officer of a Subsidiary:

During the year ended December 31, 1995 a subsidiary of the Company loaned \$45 to the chief executive officer of such subsidiary. The loan has no fixed due dates or terms.

Loan Receivable from Sale of Common Stock Investments to an Officer:

During 1995, the chief executive officer of the Company exercised an option to purchase common stock investments held by the Company at 110% of the book value of such investments. The purchase of such investments was consummated in a noncash transaction and such officer has issued a note in favor of the Company with interest at 8% and said note matures five years from the date of the purchase. Total amounts outstanding under such receivables was \$72 at December 31, 1995. The gain realized by the Company on the sale of these investments approximated \$7.

In February 1996, a subsidiary of the Company loaned \$300 to an officer of the subsidiary. The principal is due in 1998 and requires interest only payments at a rate of 5.5%, payable annually.

PART IV

Item 14. Exhibits, Financial Statement Schedules, and Reports on Form 8-K

1. Financial Statements

- F-1 Report of Mortenson and Associates, P.C. Independent Certified Accountants
- F-2 & F-3 Consolidated Balance Sheets as of December 31, 1995 and 1994
- F-4 Consolidated Statements of Operations for the Years Ended December 31, 1995 and 1994 and July 31, 1994 and 1993
- F-5 - F-8 Consolidated Statements of Shareholders' Equity for the Years Ended December 31, 1995 and 1994 and July 31, 1994 and 1993
- F-9 - F-13 Consolidated Statements of Cash Flows for the Years Ended December 31, 1995 and 1994 and July 31, 1994 and 1993
- F-14- F-58 Notes to Consolidated Financial Statements

2. Financial Statement Schedules

None

3. Reports on Form 8-K

None

4. Exhibits

- 3.1 Certificate of Incorporation[1]
- 3.2 By-laws[1]
- 10.1 Agreements relating to the acquisition and financing of International Magnetic Imaging, Inc. and its affiliated companies.[2]
- 10.2 Plan and agreement of reorganization dated as of April 13, 1994 by and among the Registrant, CSM Acquisition Corp., Carte medical Corporation, Creative Socio-Medics Corp. and Advanced Computer Techniques, Inc., as amended.[3]
- 10.3 Agreement dated December 2, 1993, among Registrant, SIS Capital Corp., SES Holdings Corp., Arc Acquisition Group, Inc. and the stockholders of Arc Acquisition Group, Inc.[4]
- 10.4 Agreement dated December 2, 1993 among the Registrant, SIS Capital Corp., Arc Networks, Inc., Joseph G. Sicinski and Peter F. Parrinello.[4]
- 10.5 Employment agreement dated March 21, 1995, between the Registrant and George W. Mahoney.[6]
- 10.6 Employment agreement dated October 1, 1994, between the Registrant and Lewis S. Schiller.[6]
- 10.7 Agreement dated as of March 31, 1995 among SIS Capital Corp., DLB, Inc., Joseph G. Sicinski and Concept Technologies Group, Inc., including exhibits and disclosure letters.[5]
- 11.1 Calculation of earnings per share
- 21.1 List of Subsidiaries of Registrant.
- 27 Financial Data Schedule.[7]
- 99.1 Stock Purchase Agreement.[6]

Item 14. Exhibits, Financial Statement Schedules, and Reports on Form 8-K,
(continued)

- [1] Filed as an exhibit to the Company's annual report on Form 10-K for the fiscal year ended July 31, 1994 and incorporated herein by reference.
- [2] Included as exhibits to the Registrant's report on Form 8-K, as amended, dated July 19, 1994, and incorporated herein by reference.
- [3] Included as exhibits to the Registrant's report on Form 8-K, as amended, dated June 16, 1994, and incorporated herein by reference.
- [4] Included as exhibits to the Registrant's report on Form 8-K, dated December 22, 1993, and incorporated herein by reference.
- [5] Filed as exhibit to the Company's report on Form 8-K, dated April 19, 1995, and incorporated herein by reference.
- [6] Filed as an exhibit to the Company's annual report on Form 10-K for the five month transition period from August 1, 1994 to December 31, 1994.
- [7] File only to the SEC in electronic format.

REPORT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS

To the Board of Directors and Stockholders
Consolidated Technology Group, Ltd.
New York, New York

We have audited the accompanying consolidated balance sheets of Consolidated Technology Group, Ltd. and its subsidiaries as of December 31, 1995 and 1994 and the related consolidated statements of operations, shareholders' equity, and cash flows for each of the two years ended December 31, 1995 and each of the two fiscal years ended July 31, 1994. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

We conducted our audits in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the consolidated financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall consolidated financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Consolidated Technology Group, Ltd. and its subsidiaries as of December 31, 1995 and 1994, and the results of their operations and their cash flows for each of the two years ended December 31, 1995 and 1994 and each of the two fiscal years in the period ended July 31, 1994, in conformity with generally accepted accounting principles.

The accompanying consolidated financial statements have been prepared assuming that the Company will continue as a going concern. As shown in the financial statements, the Company incurred a net loss of \$11,360,000 for the year ended December 31, 1995, and has an accumulated deficit to that date of \$40,648,000. These conditions raise substantial doubt about the Company's ability to continue as a going concern. Management's plans in regard to these matters are also described in Note 2. The consolidated financial statements do not include any adjustments that might result from the outcome of this uncertainty.

/S/

MORTENSON AND ASSOCIATES, P.C.
Certified Public Accountants

Cranford, New Jersey
March 27, 1996

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Balance Sheets
(in 000's)

	December 31,	
	1995	1994
Assets:		
Current assets:		
Cash and cash equivalents	\$ 1,636	\$ 1,727
Receivables, net of allowances	19,216	16,820
Inventories	3,701	3,466
Loans receivable	396	1,363
Prepaid expenses and other current assets	436	412
Excess of accumulated costs over related billings	1,002	--
Investments in common stock	20	151
Total current assets	26,407	23,939
Property, plant and equipment, net	11,034	12,911
Other assets:		
Capitalized software development costs	502	1,064
Goodwill, net	11,881	12,623
Covenant not to compete, net	2,168	3,451
Customer lists, net	11,684	12,770
Deferred offering costs	--	331
Receivables, long-term	219	--
Receivables, related parties	544	160
Trademark, net	383	--
Investments in common stock, long-term	405	384
Other Assets	1,085	456
Total other assets	28,871	31,239
Total Assets	\$66,312	\$68,089

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Balance Sheets
(in 000's)

	December 31,	
	1995	1994
Liabilities and Shareholders' Equity:		
Current liabilities:		
Accounts payable and accrued expenses	\$11,095	\$ 6,741
Accrued payroll and related expenses	2,332	1,774
Accrued interest	284	113
State taxes payable	269	20
Excess of billings over accumulated costs	1,701	655
Notes payable, related parties	290	183
Current portion of long-term debt	9,080	8,096
Current portion of subordinated debt	13,354	3,437
Current portion of capitalized lease obligations	1,362	1,256
Total current liabilities	39,767	22,275
Long-term liabilities:		
Long-term debt	6,210	8,512
Capitalized lease obligations	2,198	2,671
Subordinated debt	5,003	17,926
Total long-term liabilities	13,411	29,109
Commitments and contingencies		
Minority interest	2,087	--
Shareholders' Equity:		
Preferred stock	70	81
Additional paid-in capital, preferred stock	266	311
Common stock (50,000,000 shares authorized, 26,655,071 - 217,577,260 shares issued and outstanding as of December 31, 1995 and 1994, respectively)	267	176
Additional paid-in capital, common stock	51,020	45,597
Accumulated deficit	(40,648)	(29,288)
Unrealized loss on exchange translation	(17)	(33)
Net unrealized gain (loss) on long-term investments in common stock	89	(139)
Total shareholders' equity	11,047	16,705
Total Liabilities and Shareholders' Equity	\$66,312	\$68,089
	=====	=====

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statement of Operations for the Years Ended
December 31, 1995 and 1994 and July 31, 1994 and 1993
(in 000's except per share data)

	Year Ended December 31,		Fiscal Year Ended July 31,	
	1995	1994	1994	1993
Revenues	\$110,097	\$41,578	\$15,742	\$ 3,839
Direct costs	89,175	35,428	13,560	2,664
Gross profit	20,922	6,150	2,182	1,175
Selling, general and administrative	32,034	16,614	12,748	2,578
Income (Loss) from operations	(11,112)	(10,464)	(10,566)	(1,403)
Other income (expense):				
Interest expense	(4,084)	(1,221)	(490)	(229)
Other income (expense)	373	448	69	(46)
Gain (loss) from security sales	(35)	(299)	13	694
Unusual items	--	--	--	1,523
Total other income (expense)	(3,746)	(1,072)	(408)	1,942
Income (Loss) before income taxes and minority interest	(14,858)	(11,536)	(10,974)	539
Income Taxes	(226)	(24)	--	(21)
Minority Interest in Loss of Subsidiaries	3,724	132	202	76
Income (loss) before extraordinary item	(11,360)	(11,428)	(10,772)	594
Extraordinary Item	--	--	--	146
Net Income (Loss)	(\$11,360)	(\$11,428)	(\$10,772)	\$ 740
Earnings (Loss) per Share:				
Income (loss) before extraordinary item	(\$0.51)	(\$0.80)	(\$1.35)	\$0.14
Extraordinary item	--	--	--	0.04
Net income (loss) per share	(\$0.51)	(\$0.80)	(\$1.35)	\$0.18
Weighted average number of common shares	22,423,035	14,205,789	7,972,594	4,224,260

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statements of Shareholders' Equity for the Years Ended December 31, 1995 and 1994
and July 31, 1994 and 1993
(in 000's except per share data)

	Year Ended December 31,				July 31,			
	1995		1994		1994		1993	
	Shares	Amounts	Shares	Amounts	Shares	Amounts	Shares	Amounts
Preferred stock, \$1.00 par value, 6% Series A 77,713 shares authorized:								
Beginning balance	77,713	\$ 78	77,713	\$ 78	77,713	\$ 78	--	--
Issuance of Series A	--	--	--	--	--	--	77,713	\$ 78
Conversion of Series A	(11,117)	(11)	--	--	--	--	--	--
Ending balance	66,596	\$ 67	77,713	\$ 78	77,713	\$ 78	77,713	\$ 78
Preferred stock, \$1.00 par value, \$3.50 and \$.10 Series B & E 8,000 shares authorized each:								
Beginning balance	262	\$ 1	262	\$ 1	262	\$ 1	262	\$ 1
Ending balance	262	\$ 1	262	\$ 1	262	\$ 1	262	\$ 1
Preferred stock, \$1.00 par value, \$8.00 sub- ordinated Series F, 6,000 shares authorized:								
Beginning balance	2,700	\$ 2	2,700	\$ 2	2,700	\$ 2	2,700	\$ 2
Ending balance	2,700	\$ 2	2,700	\$ 2	2,700	\$ 2	2,700	\$ 2
Total preferred stock - par	69,558	\$ 70	80,675	\$ 81	80,675	\$ 81	80,675	\$ 81

(continued)

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries

Consolidated Statements of Shareholders' Equity for the Years Ended December 31, 1995 and 1994
and July 31, 1994 and 1993

(in 000's except per share data)

	Year Ended December 31,				July 31,			
	1995		1994		1994		1993	
	Shares	Amounts	Shares	Amounts	Shares	Amounts	Shares	Amounts
Additional paid-in capital, preferred stock:								
Beginning balance		\$ 311		\$ 311		\$ 311		--
Issuance of Series A		--		--		--		\$ 311
Conversion of Series A		(45)		--		--		--
Ending balance		\$ 266		\$ 311		\$ 311		\$ 311
Common stock, \$0.01 par value, 50,000,000 shares authorized:								
Beginning balance	17,577,260	\$ 176	6,574,260	\$ 66	4,224,260	\$ 42	4,224,260	\$ 42
Issuance for offerings	1,000,000	10	3,500,000	35	3,500,000	35	--	--
Issuance for acquisitions	--	--	5,803,000	58	1,810,000	18	--	--
Issuance for exercise of stock options	6,500,000	65	1,500,000	15	3,000,000	30	--	--
Issuance of stock in lieu of cash payment for services rendered	130,004	1	200,000	2	--	--	--	--
Conversion of Series A	1,447,807	15	--	--	--	--	--	--
Ending balance	26,655,071	\$ 267	17,577,260	\$ 176	12,534,260	\$ 125	4,224,260	\$ 42

(continued)

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statements of Shareholders' Equity for the Years Ended December 31, 1995 and 1994
and July 31, 1994 and 1993
(in 000's except per share data)

	Year Ended December 31,				July 31,			
	1995		1994		1994		1993	
	Shares	Amounts	Shares	Amounts	Shares	Amounts	Shares	Amounts
Additional paid-in capital, common stock:								
Beginning balance		\$45,598		\$23,369		\$16,753		\$16,753
Issuance for offerings		240		8,330		8,330		--
Issuance for acquisitions		--		6,678		4,938		--
Issuance for exercise of stock options		5,029		7,125		11,710		--
Issuance of stock in lieu of cash payment for services rendered		112		95		--		--
Conversion of Series A		41		--		--		--
Ending balance		\$51,020		\$45,597		\$41,731		\$16,753
Accumulated deficit:								
Beginning balance		(\$29,288)		(\$17,860)		(\$14,030)		(\$14,770)
Net loss		(11,360)		(11,428)		(10,772)		740
Ending balance		(\$40,648)		(\$29,288)		(\$24,802)		(\$14,030)

(continued)

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statements of Shareholders' Equity for the Years Ended December 31, 1995 and 1994
and July 31, 1994 and 1993
(in 000's except per share data)

	Year Ended December 31,				July 31,			
	1995		1994		1994		1993	
	Shares	Amounts	Shares	Amounts	Shares	Amounts	Shares	Amounts
Net unrealized gain (loss) on long-term investments in common stock:								
Beginning balance		(\$ 139)		(\$ 270)		(\$ 78)		--
Recognized investment security (gains) losses		228		131		(307)		(78)
Ending balance		\$ 89		(\$ 139)		(\$ 385)		(\$ 178)
Unrealized Exchange Translation:								
Beginning balance		(33)		--		--		--
Recognized investment security (gains) losses		16		(33)		--		--
Ending balance		(17)		(33)		--		--
Total shareholders' equity		\$11,047		\$16,705		\$17,061		\$ 3,079

(concluded)

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statement of Cash Flows for the Years Ended
December 31, 1995 and 1994 and July 31, 1994 and 1993
(in 000's except per share data)

	Year Ended December 31,		Fiscal Year Ended July 31,	
	1995	1994	1994	1993
Cash Flows from Operating Activities:				
Income (loss) before extraordinary item	(\$11,360)	(\$11,428)	(\$10,772)	\$ 594
Adjustments to reconcile net loss to net cash provided by operating activities:				
Depreciation and Amortization	7,602	2,187	290	40
Minority interest in loss of consolidated subsidiaries	(3,724)	(132)	(202)	(75)
Write-off goodwill	--	338	--	--
Write-off inventory	470	307	--	--
Bad debt expense	1,225	83	23	68
Noncash expenses paid with the issuance of stock	114	97	--	--
Noncash expenses paid with the issuance of a subsidiary's stock	11	--	--	--
Deferred charges on option exercise	3,869	4,140	7,140	--
Deferred charges on option exercise of a subsidiary	2,214	--	--	--
Additional compensation	--	135	135	--
Unusual item	--	--	--	(1,523)
Extraordinary item	--	--	--	146
Write-down fixed assets to fair value	--	225	225	--
Write-off of loans receivable	--	280	279	562
(Gain) loss on sale of common stock investments	35	299	(13)	(694)
Loss on sale of fixed assets	60	--	--	--
Change in current assets and current liabilities:				
(Increase) decrease in in current assets:				
Receivables	(3,301)	(1,900)	(2,747)	52
Inventories	107	482	460	(57)
Prepaid expenses and other current assets	(10)	559	(388)	(107)
Excess of accumulated costs over billings	(1,002)	--	--	--

(continued)

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statement of Cash Flows for the Years Ended
December 31, 1995 and 1994 and July 31, 1994 and 1993
(in 000's except per share data)

	Year Ended December 31,		Fiscal Year Ended July 31,	
	1995	1994	1994	1993
Adjustments to reconcile net loss to net cash provided by operating activities (continued):				
Increase (Decrease) in current liabilities:				
Accounts payable and accrued expenses	3,666	2,263	680	103
Accrued payroll and related expenses	558	(968)	(868)	361
Accrued interest	172	(532)	(184)	76
Income taxes payable	249	(7)	(5)	25
Interim billings in excess of costs and estimated profits	1,046	(90)	--	--
Total adjustments	13,359	7,766	4,825	(1,023)
Net cash provided by (used) in operating activities	1,999	(3,662)	(5,947)	(429)
Cash Flows from Investing Activities:				
(Increase) decrease in other assets	(464)	(667)	(795)	30
Capital expenditures	(684)	(2,150)	(205)	(60)
Proceeds from sale of fixed assets	220	--	--	--
Capitalized software development costs	(20)	(337)	(581)	(404)
Investments in com- : stock	(7)	(392)	(658)	(95)
Proceeds from sale : common stock investments	530	45	195	749
Acquisition of subsidiary	(983)	(8,358)	(500)	--
Cash of company acquired	504	2,422	145	4
Cash of company sold	--	(6)	(6)	--
Cash escrow	--	--	(2,000)	--
Payments for loans made	(3,022)	(1,493)	(1,194)	(320)
Collections from repayment of loans made	3,223	106	--	31
Net cash used in investing activities	(703)	(10,830)	(5,599)	(65)

(continued)

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statement of Cash Flows for the Years Ended
December 31, 1995 and 1994 and July 31, 1994 and 1993
(in 000's except per share data)

	Year Ended December 31,		Fiscal Year Ended July 31,	
	1995	1994	1994	1993
Cash Flows from Financing Activities:				
Deferred offering costs	(129)	(331)	(171)	--
Net advances from factor	367	550	1,936	--
Proceeds from issuance of long-term debt	1,297	7,169	605	752
Repayment of long-term debt	(6,909)	(2,452)	(1,976)	(644)
Payments on capital leases	(1,194)	(165)	(8)	(3)
Issuance of preferred stock	--	--	--	40
Issuance of common stock	250	8,161	8,161	--
Issuance of a subsidiary's common stock	2,990	--	--	--
Exercise of stock options	1,225	3,000	4,600	--
Exercise of subsidiary stock options	716	--	--	--
Net cash provided by (used in) financing activities	(1,387)	15,932	13,147	145
Net Increase (Decrease) in Cash and Cash Equivalents	(91)	1,440	1,599	(349)
Cash and Cash Equivalents at Beginning of Period	1,727	287	174	523
Cash and Cash Equivalents at End of Period	\$ 1,636	\$ 1,727	\$ 1,773	\$ 174
Supplemental Disclosures of Cash Flow Information:				
Cash paid for interest	\$ 3,912	\$ 1,062	\$ 116	\$ 143
Cash paid for income taxes	\$ 22	--	--	\$ 1

(concluded)

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statement of Cash Flows for the Years Ended
December 31, 1995 and 1994 and July 31, 1994 and 1993
(in 000's except per share data)

Supplemental Disclosures of Noncash Investing and Financing Activities:

During the year ended December 31, 1995, the Company:

- (1) Acquired equipment under capital lease obligations with a net present value of \$817.
- (2) Received common stock in lieu of cash payments for notes receivable and accrued interest receivable with a book value of \$217.
- (3) Pursuant to an acquisition of another entity by one of the Company's subsidiaries, in a transaction accounted for as a reverse merger:
 - (a) Reduced the Company's equity ownership in such subsidiary which resulted in an increase in minority interest of \$5,811.
 - (b) Acquired net assets with a book value of \$983.
- (4) Issued stock with a discounted value of \$114 in lieu of cash payment for services rendered.
- (5) Incurred \$3,869 in noncash expense from the issuance and exercise of 6,500,000 stock options

During the year ended December 31, 1994, the Company:

- (1) Purchased equipment in the amount of \$185 and assumed capital lease obligations for \$137 and notes payable for \$48.
- (2) Acquired capitalized software costs in the amount of \$150 and assumed notes payable for the full amount.
- (3) Acquired equipment in the amount of \$35 and assumed notes payable for the full amount.
- (4) Acquired a covenant not to compete in the amount of \$800 and assumed notes payable for the full amount.
- (5) Acquired Creative Socio-Medics and in connection therewith assumed long-term debt approximating \$530.
- (6) Acquired International Magnetic Imaging and in connection therewith assumed subordinated debt approximating \$19,800, long-term debt approximating \$12,000, capital lease obligations approximating \$3,700 and issued stock with a value of \$2,920.
- (7) Acquired Job Shop Technical Services and Computer Engineering Services and in connection therewith assumed subordinated debt approximating \$1,500, long-term debt approximating \$2,600 and issued stock with a value of \$900.
- (8) Issued stock with a discounted value of \$97 in lieu of cash payment for services rendered.
- (9) Incurred \$4,140 in noncash expense from the issuance and exercise of 1,500,000 stock options

During the fiscal year ended July 31, 1994, the Company:

- (1) Purchased capital assets in the amount of \$49 and assumed notes payable for the full amount.
- (2) Acquired ARC Acquisition Corp. and in connection therewith assumed long-term debt approximating \$1,400.
- (3) Acquired Creative Socio-Medics and in connection therewith assumed long-term debt approximating \$530.
- (4) Incurred \$7,140 in noncash expense from the issuance and exercise of 3,000,000 options.

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statement of Cash Flows for the Years Ended
December 31, 1995 and 1994 and July 31, 1994 and 1993
(in 000's except per share data)

Supplemental Disclosures of Noncash Investing and Financing
Activities (continued):

During the fiscal year ended July 31, 1993, the Company:

- (1) Purchased capital assets in the amount of \$48 and assumed capital lease obligations for the full amount.
- (2) Procured insurance coverage valued at \$20 and assumed debt for the full amount.
- (3) Through its subsidiary, S-Tech, purchased certain assets of General Technologies Group, Ltd. which resulted in a one time gain of \$1,523.
- (4) Converted debt in the amount of \$349 into 69,711 shares of Series A preferred stock.

See notes to consolidated financial statements.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's, except per share data)

(1) Summary of Significant Accounting Policies

General - Effective September 1, 1993, the Company's name was changed from Sequential Information Systems, Inc. to Consolidated Technology Group Ltd.

Principles of Consolidation - The accompanying consolidated financial statements include the accounts of the Company and all of its majority-owned subsidiaries. Investments in 20% to 50% owned companies are accounted for on the equity method. All significant intercompany balances and transactions have been eliminated.

Accounting Period - Effective December 31, 1994, the Company changed to a calendar year. Prior to 1994 the Company utilized a fiscal year ending July 31 of each year. The accompanying financial statements include balance sheets for the year ended December 31, 1995 and 1994 and statements of operations, cash flows and changes in stockholder's equity for the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993.

Cash and Cash Equivalents - The Company considers all highly liquid instruments purchased with a maturity of three months or less to be cash equivalents. International Magnetic Imaging, Inc. ("IMI"), a wholly owned subsidiary of the Company, has cash balances of \$1,412 and \$1,471 at December 31, 1995 and 1994, respectively, which represents 86% and 85% of total cash for the same respective periods. The use of IMI's cash is restricted pursuant to an IMI financing agreement with a creditor, whereby IMI may not make payments out of the ordinary course of IMI operations and specifically, not to the parent company, (Consolidated), or any subsidiary or affiliate.

Inventories - Inventories are valued at the lower of cost or market. Cost is determined by the first-in, first out method with the exception of the audio visual manufacturing and services segment which values inventory a standard which approximates first-in, first out. Costs accumulated under government contracts are net of progress payments.

Property, Plant and Equipment - Property, plant and equipment are carried at cost less allowances for accumulated depreciation. The cost of furniture and equipment held under capital leases is equal to the lower of the net present value of the minimum lease payments or the fair value of the leased property at the inception of the lease. Depreciation is computed generally by the straight-line method at rates adequate to allocate the cost of applicable assets over their expected useful lives. Leasehold improvements are amortized over periods not in excess of applicable lease terms. Amortization of capitalized leases and leasehold improvements is included with depreciation expense.

Research and Development - The Company's research and product development activities are conducted by the Electro-Mechanical and Electro-Optical Manufacturing and Services, Medical Services, Audio Visual Manufacturing and Services and Three Dimensional Products and Services segments. The Company's research and development expenses for the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993 approximated \$893, \$4,842, \$1,902 and \$396, respectively. All of the Company's research and development activities were

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's, except per share data)

(1) Summary of Significant Accounting Policies (continued)

performed by the subsidiaries and were company financed. * Research and development costs are expensed as incurred.

Capitalized Software Development Costs - Capitalization of computer software development costs begins upon the establishment of technological feasibility. Technological feasibility for the Company's computer software products is generally based upon achievement of a detail program design free of high risk development issues. The establishment of technological feasibility and the ongoing assessment of recoverability of capitalized computer software development costs requires considerable judgment by management with respect to certain external factors, including, but not limited to, technological feasibility, anticipated future gross revenues, estimated economic life and changes in software and hardware technology.

Amortization of capitalized software development costs commences when the related products become available for general release to customers. Amortization is provided on a product by product basis using the straight-line method over the estimated economic life of the product, estimated to be approximately 2-3 years. Research and development costs incurred to establish technological feasibility are expensed as incurred. Accumulated amortization was \$845 and \$262 at December 31, 1995 and 1994, respectively. For the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993, amortization of capitalized software development costs approximated \$582, \$262, \$13, and \$0, respectively.

Intangible Assets - Intangible assets consist of goodwill, covenants not to compete, customer lists and trademarks. The Financial Accounting Standards Board has issued Statement 121 addressing the accounting for the impairment of long-lived assets that will be held and used, including certain identifiable intangibles, and the goodwill related to those assets. The statement is effective for calendar-year 1996 financial statements.

Goodwill Goodwill represents the excess of the cost of companies acquired over the fair value of their net assets at dates of acquisition and is being amortized over a twenty year period on the straight-line method. Management of the Company evaluates the period of goodwill amortization to determine whether latter events and circumstances warrant revised estimates of useful lives. This evaluation is done by comparing the carrying value of goodwill to the value of projected discounted net cash flows from related operations. Impairment is recognized if the carrying value of goodwill is greater than the projected discounted cash flows from related operations.

Covenants Not to Compete - The capitalized value of covenants not to compete are being amortized on the straight-line basis over their contractual lives which range from three to five years.

Customer Lists - Customer lists are being amortized over twelve to fifteen years on the straight-line basis.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(1) Summary of Significant Accounting Policies (continued)

Trademark - The trademark, which was acquired as a part of a reverse merger in May 1995, relates to the Audio Visual Manufacturing and Services segment and has a cost basis of \$429 which represents the net present value of the payments for such trademark at the time it was acquired. This trademark gives the Company a nonexclusive trademark license for use of the "Klipsch" name for use with various professional loudspeaker products provided that the trademark is used only in connection with professional grade speakers. The Klipsch name and related speakers were developed in the 1940's and is an established name as a leader in loudspeaker design and innovation. The Company believes that the acquisition of the Klipsch trademark gives the Company one of the most long-established and recognizable brand names in the industry. The trademark is being amortized over 25 years on a straight line basis. Accumulated amortization at December 31, 1995 is \$46 and amortization expense since the Company's acquisition of the trademark in May 1995 through December 31, 1995 approximated \$3.

Deferred Offering Costs - Deferred offering costs represents amounts paid or accrued for costs associated with an anticipated public offering for a subsidiary of the Company in the medical services segment amounted to \$129, \$331 and \$172 for the years ended December 31, 1995 and 1994 and July 31, 1994. These costs would have been recorded as a reduction of the net proceeds of the anticipated offering, however; the total accumulated amount of such costs of \$460 was expensed during the year ended December 31, 1995 since the offering was not consummated.

Investments in Common Stock - The Company adopted Statement of Financial Accounting Standards ("SFAS") 115 "Accounting for Certain Investments in Debt and Equity Securities", in the five-month period ended December 31, 1994. SFAS 115 requires certain investments that have readily determinable fair values to be categorized as either trading, available-for-sale, or held-to-maturity. All of the Company's equity investments in common stock are categorized as available-for-sale and are recorded at fair value with unrealized gains and losses recorded as a separate component of stockholders' equity. Additionally, available-for-sale investments that are deemed to be permanently impaired are written down to fair market value and such write down is charged to earnings as a realized loss. The adoption of this standard has not impacted the Company's financial statements since previous unrealized losses on such investments were already reflected as a separate component of stockholders' equity.

Minority Interest - For consolidated subsidiaries that are not wholly owned, the Company eliminates the minority interest portion of the related profits and losses. The allocable losses of such minority interests is in excess of the Company's investment in such subsidiaries by approximately \$1,132 and \$684 at December 31, 1995 and 1994.

Revenue Recognition - Revenue for the service sector is recognized as services are provided. Revenue from the manufacturing sector is recognized primarily under fixed price type contracts and are accounted for under the unit of delivery method. Anticipated losses on contracts in progress are charged to

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(1) Summary of Significant Accounting Policies (continued)

operations as soon as losses can be determined. Revenues from fixed price software development contracts and revenue under license agreements which require significant modification of the software package to the customer's specification, are recognized on the estimated percentage-of-completion method. Revisions in cost estimates and recognition of losses on these contracts are reflected in the accounting period in which the facts become known. Revenue from the software package license agreements without significant vendor obligations is recognized upon delivery of the software. Information processing revenues are recognized in the period in which the service is provided. Net patient service revenues are reported at the estimated net realizable amounts from patients, third-party payors, and others for services rendered, including provisions for estimated contractual adjustments under reimbursement agreements with third-party payors. The Medical Diagnostic Segment has historically not provided any significant amount of charity care. Maintenance contract revenue is recognized on a straight-line basis over the life of the respective contract. Software development revenues from time-and-materials contracts are recognized as services are performed.

Contract terms which provide for billing schedules that differ from revenue recognition give rise to costs and estimated profits in excess of billings and billings in excess of costs and estimated profits. Costs, estimated profits, and billings on uncompleted contracts are summarized as follows:

Costs incurred on uncompleted contracts	\$ 2,697
Estimated profits	490

Total	3,187
Billings to date	3,604

Net	(\$ 699)
	=====

Included in the accompanying balance sheet under the following captions:

Excess of accumulate costs over related billings	\$ 1,002
Excess of billings over accumulated costs	1,701

Net	(\$ 699)
	=====

Earnings (Loss) Per Share - Earnings (loss) per share are computed by dividing the net income (loss) for the year by the weighted average number of common shares outstanding. For purposes of computing weighted average number of common shares outstanding the Company has common stock equivalents consisting of stock options and warrants and Series "A" Preferred Convertible Stock. The Series "A" Preferred Stock was deemed to be a common stock equivalent when issued. The common stock equivalents are assumed converted to common stock, when dilutive. During periods of operations in which losses were incurred,

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(1) Summary of Significant Accounting Policies (continued)

common stock equivalents were excluded from the weighted average number of common shares outstanding because their inclusion would be anti-dilutive.

Fair Value of Financial Instruments - The fair value of cash and cash equivalents, accounts receivable and accounts payable is the carrying amount because of the short maturity of such instruments. The fair value of investments in common stock is based on quoted market prices which is also the carrying amount of such instruments (see Note 1 Investments in Common Stock). Based on the borrowing rates currently available to the Company for loans with similar terms and average maturities, the fair value of notes payable and long-term debt is estimated to approximate the carrying amount.

Concentration of Credit Risk - Financial instruments which potentially subject the Company to concentrations of credit risk are cash and cash equivalents and accounts receivable arising from normal business activities. The Company routinely assesses the financial strength of its customers and based upon factors surrounding the credit risk of its customers, establishes an allowance for uncollectible accounts, and as a consequence, believes that its accounts receivable credit risk exposure beyond such allowances is limited. The Company places its cash and cash equivalents with high credit quality financial institutions. The amount on deposit in any one institution that exceeds federally insured limits is subject to credit risk. The Company believes no significant concentration of credit risk exists with respect to these cash investments. For the year ended December 31, 1995, the Company did not receive revenues from any one customer that was significant to total revenues as a whole.

Reclassifications - Certain year ended December 31, 1994 and July 31, 1994 and 1993 items have been reclassified to conform to the December 31, 1995 presentation.

(2) Going Concern

The accompanying consolidated financial statements have been prepared assuming that the Company will continue as a going concern. As shown in the financial statements, the Company incurred a net loss of \$11,360,000 for the year ended December 31, 1995, and has an accumulated deficit to that date of \$40,648,000. These conditions raise substantial doubt about the Company's ability to continue as a going concern. The ability of the Company to continue as a going concern is dependent upon the success of the Company's subsidiary's marketing efforts and their efforts to obtain sufficient funding to enable them to continue operations. Management's plan is to continue efforts to raise capital through initial public offerings of the underlying subsidiary's equity and to manage them to profitable levels once adequate funding is in place. The failure of the subsidiaries to raise capital by equity offerings of their stock may force the Company to reduce operations via the closure of certain segments of operations and could ultimately force the Company as a whole to cease operations.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(3) Receivables

Receivables consist of the following:

	December 31,	
	1995	1994
Receivables	\$22,433	\$19,670
Less: Allowance for bad debts	(3,217)	(2,850)
Receivables, net	\$19,216	\$16,820

The Company finances certain receivables to a factor under agreements entered into in August 1994. The agreements are renewable annually and have a maximum availability of funds of \$5,500. Funds can be advanced in an amount equal to 85% of the total face amount of outstanding and unpaid receivables, with the factor having the right to reserve 15% of the outstanding and unpaid receivables financed. The interest rate is equal to the base lending rate of an agreed upon bank, which was 8.25% and 7.65% at December 31, 1995 and 1994, respectively, plus 2% and 4% for the respective periods and a commission of 0.3% and 1% of the receivables financed for the respective periods. The factor has a security interest in all accounts receivables, contract rights, personal property, fixtures and inventory of the company. At December 31, 1995 and 1994 the total amount advanced by the factor was \$4,386 and \$4,019, respectively.

The changes in the allowance for bad debts are as follows:

	December 31,	
	1995	1994
Balance at beginning of period	\$ 2,850	\$ 2,933
Provision for the period	(1,225)	(83)
Write-offs for the period	1,592	--
Balance at end of period	\$ 3,217	\$ 2,850

Consolidated Technology Group, Ltd. and Subsidiaries --
Notes to Consolidated Financial Statements
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(4) Inventories

Inventories consist of the following:

	December 31,	
	1995	1994
Finished goods	\$ 98	--
Work-in-process	1,336	\$ 1,373
Raw materials and parts	2,617	2,214
Subtotal	4,051	3,587
Less: Progress payments	--	(121)
Subtotal	4,051	3,466
Allowance for obsolescence	(350)	--
Total inventories	\$ 3,701	\$ 3,466
	=====	=====

The work-in-process represents accumulated costs of raw materials, direct labor and factory overhead expenses on current work orders. Finished goods represent computer software inventory purchased for resale. During the years ended December 31, 1995 and 1994 approximately \$470 and \$307 of inventory was written-off due to obsolescence.

(5) Loans Receivable

Loans receivable consist of the following:

	December 31,	
	1995	1994
Fingermatrix	\$ 621	\$ 1,439
Other	169	275
Total	790	1,714
Less: Allowance for doubtful accounts	(175)	(351)
Loans receivable, net	615	1,363
Long-term portion	219	--
Current portion	\$ 396	\$ 1,363
	=====	=====

Fingermatrix was in Chapter 11 pursuant to a petition filed on September 11, 1993 and whose plan was confirmed in March of 1995. The bankruptcy court has classified the Company as having a first security in the assets of the debtor. On March 31, 1995, Fingermatrix emerged out of bankruptcy and the Company received its first payment of \$250 on its secured debt and its initial payment

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
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(5) Loans Receivable (continued)

of \$2 on its unsecured debt. The Company received 150,000 common shares and 250,000 warrants equaling less than 5% of the emerging debtor upon confirmation. The common shares and warrants received were recorded at \$240 which was the book value of the receivable and the related accrued interest exchanged for the receipt of such common stock and warrants. The allowance for doubtful accounts relates to notes receivable other than the Fingermatrix loan.

(6) Receivables from Related Parties

Related party receivables consist of the following:

	December 31,	
	1995	1994
Unconsolidated affiliate -		
Loan consists of cash advances		
and has no fixed due dates or terms.	\$ 427	\$ 160
Officers:		
Due from an officer of a subsidiary		
and has no fixed due dates or terms.	45	--
Due from the chief executive officer		
of the Company and such officer		
executed a note with interest at 9%		
payable quarterly and matures in		
the year 2000.	72	--
Total	\$ 544	\$ 160
	=====	=====

(7) Investments in Common Stock

Investments in common stock consist of the following:

	December 31,	
	1995	1994
Cost basis	\$ 336	\$ 674
Net unrealized gain (loss) included		
as a reduction of shareholders' equity	89	(139)
Market Value	425	535
Current portion	20	151
Long-term portion	\$ 405	\$ 384
	=====	=====

Consolidated Technology Group, Ltd. and Subsidiaries

Notes to Consolidated Financial Statements

(in 000's except per share data)

(7) Investments in Common Stock (continued)

The unrealized gain (loss) on investments in common stocks consists of the following:

	December 31,	
	1995	1994
Balance at beginning of period	(\$ 139)	(\$ 270)
Adjustments of investments to fair market value	172	131
Realization of previously unrealized loss	56	--
Balance at end of period	\$ 89	(\$ 139)

Gain (loss) on the sale of securities consists of the following:

	Year Ended December 31,		Fiscal Year Ended July 31,	
	1995	1994	1994	1993
Proceeds from security sales	\$ 530	\$ 45	\$ 195	\$ 749
Cost of securities sold	565	344	182	55
Gain (loss) on security sales	(\$ 35)	(\$ 299)	\$ 13	\$ 694

(8) Property, Plant and Equipment

Property, plant and equipment consist of the following:

	December 31,	
	1995	1994
Land	\$ 664	\$ 664
Buildings	3,242	3,234
Medical equipment	14,590	15,919
Machinery and equipment	2,019	2,283
Tools and dies	601	145
Furniture and equipment	4,097	3,429
Vehicles	25	25
Leasehold improvements	1,504	1,334
Total	26,742	27,033
Less: Accumulated depreciation	(18,110)	(16,842)

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(8) Property, Plant and Equipment (continued)

	December '31,	
	1995	1994
Sub-total	8,632	10,191
Equipment held under capital leases	6,843	5,227
Less: Accumulated depreciation	(4,441)	(3,507)
Sub-total	2,402	2,720
Property, plant and equipment, net	\$11,034	\$12,911
	=====	=====

Depreciation expense charged to operations was \$3,472, \$952, \$127 and \$40 for the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993, respectively.

(9) Intangible Assets

Intangible assets consist of the following:

	December 31,	
	1995	1994
Goodwill	\$12,901	\$13,005
Less: Accumulated amortization	(1,020)	(382)
Goodwill, net	\$11,881	\$12,623
	=====	=====
Covenant not to compete	\$ 3,954	\$ 3,954
Less: Accumulated amortization	(1,786)	(503)
Covenant not to compete net	\$ 2,168	\$ 3,451
	=====	=====
Customer lists	\$13,046	\$13,046
Less: Accumulated amortization	(1,362)	(276)
Customer lists, net	\$11,684	\$12,770
	=====	=====
Trademarks	\$ 429	--
Less: Accumulated amortization	(46)	--
Trademarks, net	\$ 383	--
	=====	=====

Consolidated Technology Group, Ltd. and Subsidiaries

Notes to Consolidated Financial Statements

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(9) Intangible Assets (continued)

Amortization expense charged to operations was \$3,009, \$982, \$163, and \$0 for the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993. During the year ended December 31, 1994 the Company wrote-off approximately \$623 of goodwill cost that was deemed to be impaired.

(10) Debt

Notes Payable - Related Parties consists of the following:

	December 31,	
	1995	1994
Notes payable to stockholders for cash received and office equipment contributed by these stockholders in 1992. The loans are noninterest bearing and have no fixed due date.	\$ 183	\$ 183
Note payable to an employee for cash advances, due in March 1996 with interest at 9%.	107	--
Total notes payable, related parties	\$ 290	\$ 183

Long-term debt consists of the following:

	December 31,	
	1995	1994
Bank and installment loan - with interest rates ranging from 6% - 12.5% Collateralized by certain assets and stock of subsidiaries of the Company. \$232 is currently in default, \$2,980 is due in 1996 and \$4,364 is due through 1999.	\$ 6,134	\$ 7,576
Former stockholders of an acquired subsidiary, due September 1996 with interest at 7%.	138	280
Equipment loans - payable in various monthly installments at interest rates ranging from 7.75% to 11.5%, collateralized by the related equipment, due through 2000.	1,629	1,741
Building mortgages - payable in various monthly installments at interest rates ranging from 9.25% to 9.75% due through September 2000, collateralized by the related buildings.	1,711	1,940

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
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(10) Debt (continued)

	December 31,	
	1995	1994
Investor loans - interest at 10% on \$362 and 13.5% on \$530. \$362 was due on 1995 and is in default and \$530 is due in 1997 and is in default for failure to make timely interest payments.	825	362
Loans payable to factor - \$3,679 carries base interest rates of 8.25 and 7.65% at December 31, 1995 and 1994, respectively, plus an additional 2% and 4% for the respective periods and a 0.3% and 1% commission for the respective periods. \$707 of new factor debt during 1995 carries interest at prime plus 8% to a maximum of 18%, an effective rate of 15% at December 31, 1995. Collateralized by accounts receivable, contract rights, personal property, fixtures and inventory.	4,386	4,019
Note payable - covenants not-to-compete, payable in monthly installments of \$22. The notes are noninterest bearing and mature September 1997.	467	690
Total	15,290	16,608
Current portion	9,080	8,096
Long-term portion	\$ 6,210	\$ 8,512

Subordinated debt consists of the following:

	December 31,	
	1995	1994
Subordinated notes payable issued in connection with acquisitions - payable in various quarterly installments at interest rates ranging from 4% to 7%. The notes are unsecured and as of December 31, 1995 include balloon payments in September 1996 and September 1997. Subsequent to December 31, 1995, a portion of these notes have been refinanced and a portion have been renegotiated to extend the payment terms (see subsequent events footnote)	\$17,657	\$19,863

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(11) Lease Obligations (continued)

Future minimum payments under capital lease obligations are as follows at December 31, 1995:

Years Ended December 31,	Amount
-----	-----
1996	\$ 1,663
1997	1,089
1998	932
1999	358
2000	77

Total minimum lease payments	4,119
Less: Amount representing interest	(559)

Present value of net minimum lease payments	3,560
Current portion	1,362

Long-term portion	\$ 2,198
	=====

Operating Lease Obligations - The Company leases real estate for certain of its operational and administrative facilities under noncancelable operating leases expiring during the next fifteen years. The real estate leases contain clauses which permit adjustments of lease payments based upon changes in the "Consumer Price Index", options to renew the leases for periods up to an additional fifteen years and additional payments for a proportionate share of real estate taxes and common area operating expenses. The Company's present executive offices are located at 160 Broadway, New York, New York 10038, which it occupies pursuant to a lease expiring February 28, 1999. The current base rent for such premises is \$7 per month. The Company's subsidiaries occupy various facilities pursuant to leases expiring through 2001. The current base rent for such premises approximates \$123 per month.

Minimum future rental payments under noncancelable operating leases having a remaining term in excess of one year are as follows:

Years Ended December 31,	Amount
-----	-----
1996	\$ 1,302
1997	1,235
1998	1,195
1999	886
2000	440
Thereafter	180

Total minimum future rental payments	\$ 5,238
	=====

Rent expense for the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993 approximated \$1,560, \$569, \$357 and \$258, respectively.

Consolidated Technology Group, Ltd. and Subsidiaries
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(12) Income Taxes

Under SFAS No. 109 "Accounting for Income Taxes", deferred income taxes reflect the net tax effects of (a) temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes, and (b) operating loss and tax credit carryforwards. The tax effects of significant items composing the Company's net deferred tax liability as of December 31, 1995 and 1994 are as follows:

	December 31,	
	1995	1994
Deferred Tax Liabilities:		
Difference between book and tax amortization	\$ 150	--
Book basis of assets in excess of tax basis	4,424	--
Other	3	--
	4,577	--
Deferred Tax Assets:		
Allowance for doubtful accounts not currently deductible	1,231	1,100
Note and loan receivable allowances	71	253
Difference between book and tax depreciation	4,527	676
Accrued vacation pay	61	82
Accrued warranty expense	11	--
Accrued sales returns	6	--
Accrued sales discounts	10	--
Inventor reserves not currently deductible	137	--
Federal net operating loss carryforward	13,758	5,197
State net operating loss carryforward	4,418	1,151
Other	--	19
	24,230	8,478
Valuation allowance	19,653	8,478
Net Deferred Tax Liability	\$ --	\$ --

Consolidated Technology Group, Ltd. and Subsidiaries
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(12) Income Taxes (continued)

The Company's deferred tax asset valuation allowance was \$19,653, \$8,478 and \$4,700 as of December 31, 1995 and 1994 and July 31, 1994, respectively. The increase in the valuation allowance of \$11,175 for the year ended December 31, 1995 is comprised of the following:

Difference between book and tax depreciation	\$ 3,851
Difference between book and tax amortization	(150)
Book basis of assets in excess of tax basis	(4,424)
Allowance for doubtful accounts not currently deductible	131
Note and loan receivable allowances	(182)
Accrued vacation pay	(21)
Accrued warranty expense	11
Accrued sales returns	6
Accrued sales discounts	10
Inventory reserves not currently deductible	137
Federal net operating loss carryforward	8,561
State net operating loss carryforward	3,267
Other	(22)

Total Increase	\$11,175
	=====

There was no valuation allowance as of July 31, 1993 since SFAS No. 109 was initially adopted for the fiscal year ended July 31, 1994.

Income Taxes:

The current and deferred income tax components of the provision (benefit) for income taxes consist of the following:

	Year Ended December 31,		Fiscal Year Ended July 31,	
	1995	1994	1994	1993
Current:				
Federal	\$ --	--	--	--
State	144	\$ 19	--	21
Puerto Rico	83	5	--	--
	-----	-----	-----	-----
	227	24	--	21
Deferred	--	--	--	--
	-----	-----	-----	-----
	\$ 227	\$ 24	--	\$ 21
	=====	=====	=====	=====

Consolidated Technology Group, Ltd. and Subsidiaries

Notes to Consolidated Financial Statements

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(12) Income Taxes (continued)

The provision for income taxes varies from the amount computed by applying the statutory rate for the reasons below:

	Year Ended December 31,		Fiscal Year Ended July 31,	
	1995	1994	1994	1993
Provision based on statutory rate	35.0%	35.0%	35.0%	34.0%
Benefit of graduated rates	(1.0)	(1.0)	(1.0)	n/a
Other income taxes (net of federal benefit)	(0.5)	--	n/a	n/a
State taxes (net of federal benefit)	(1.0)	(0.6)	--	4.0
Valuation allowance	(34.0)	(34.0)	(34.0%)	n/a
Net Operating Loss	n/a	n/a	n/a	(34.0)
	(1.5%)	(0.6%)	--	4.0%
	=====	=====	=====	=====

The Company's provision for income taxes is comprised of state and Puerto Rico income taxes for the year ended December 31, 1995 and 1994. The provision for income taxes for the fiscal year ended July 31, 1993 is comprised of state income tax. The Company will have a federal net operating loss carryforward of approximately \$44,882 and a state net operating loss carryforward of approximately \$44,881. The federal net operating loss carryforwards expire in years 1996 through 2010 and the state net operating loss carryforwards expire in years 1996 through 2010 (the expiration dates vary based on individual state income tax laws).

(13) Capital Stock

Common Stock

Reverse Split - Effective September 1, 1993, the capitalization of the Company changed from 300,000,000 shares of common stock, \$.01 par value, into 50,000,000 shares of common stock, \$.01 par value. Effective the same time, the presently issued and outstanding shares of common stock were reverse split on the basis of one (1) new share for each sixty (60) issued and outstanding shares. All share data has been adjusted retroactively.

Stock Options - On August 20, 1993, the Company authorized a stock option plan for Non Employee Directors, Consultants and Advisors to provide compensation for services rendered to the Company in lieu of cash payment. At various times the Company has registered and granted options pursuant to the plan. During the years ended December 31, 1995 and 1994 and July 31, 1994, options to purchase 6,500,000 shares, 1,500,000 shares and 3,000,000 shares, respectively, were granted and exercised.

Consolidated Technology Group, Ltd. and Subsidiaries
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(13) Capital Stock (continued)

Acquisitions - Common stock was issued to acquire subsidiaries as follows:

- (i) In December, 1993 issued 850,000 shares in connection with the acquisitions of Arc Acquisition Group, Inc. and ARC Networks, Inc.
- (ii) In August 1993, issued 120,000 shares in connection with the acquisition of the remaining 20% of S-Tech.
- (iii) In June 1994, issued 840,000 in connection with the acquisition of Creative Socio-Medics Corp.
- (iv) In September 1994 issued 3,343,000 shares in connection with the acquisition of the International Magnetic Imaging, Inc. and affiliated entities.
- (v) In November 1994 issued 1,500,000 shares in connection with the acquisition of Job Shop Technical Services, Inc. and Computer Engineering Services, Inc.

Stock Issued for Services Rendered - For the years ended December 31, 1995 and 1994 the Company issued 130,004 shares and 200,000 shares, respectively, for in connection with consulting and financing services valued at \$114 and \$97, respectively.

Regulation S Offerings - Pursuant to offerings in October 1995 and March 1994 made under Regulation S of the Securities Act of 1933, the Company received net proceeds of \$250 and \$8,162, respectively, in conjunction with the respective issuance of 1,000,000 shares and 3,500,000 shares of common stock.

Conversion of Series A Preferred Stock - During the year ended December 31, 1995, the Company issued 1,447,807 shares of common stock upon the conversion of 11,117 shares of series A preferred stock.

Stock Purchase Rights - On December 15, 1994, the board of directors of a subsidiary approved the sale of 4,000,000 shares of Common Stock owned by such subsidiary to seven individuals who are officers, directors and/or key employees of the Company or its subsidiaries. The purchase price is \$.50 per share, which was the fair market value of such stock on December 15, 1994. An initial payment of \$.01 per share is due not later than July 31, 1995, and the balance is to be repaid by the purchasers' nonrecourse 8% promissory notes due December 31, 1999. Payment may be made in cash or in securities. Payment of the notes is secured by a pledge of the shares. The shares are to be issued pursuant to stock purchase agreements dated as of December 15, 1994 between the subsidiary and the purchasers. None of the individuals receiving the rights to purchase such stock exercised such right as of July 31, 1995 and all such rights have expired.

Preferred Stock - Effective September 1, 1993, the authorized number of shares of undesignated preferred stock, par value \$1.00 per share, was increased from 1,000,000 to 2,000,000 shares.

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(13) Capital Stock (continued)

Series A - The series A convertible preferred stock, which was all issued during the period April 1993 through July 1993, bears a cumulative dividend of 6%, is redeemable at any time at the option of the Company at a redemption price of \$10 per share, and is convertible at the option of the holder at any time commencing two years from the date of issuance, unless sooner called for redemption by the Company at the rate of 130.208 (7,812.5 prior to 60:1 reverse split) shares of common stock for each share of preferred stock if and when sufficient shares of common stock are available for issuance. No dividends were declared for the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993. As of December 31, 1995 and 1994 a \$.30 per share dividend totaling \$27 and \$23, respectively, is in arrears. During the year ended December 31, 1995 11,117 shares of series A preferred stock was converted into 1,447,807 shares of common stock.

Series B - The Series B subordinated preferred stock is redeemable at the option of the Company at the issue price of \$87.50 per share. The stock is entitled to a \$3.50 annual dividend which is contingent upon after tax earnings in excess of \$200. In the event of involuntary liquidation, the holders may receive \$87.50 per share and all dividends. No dividends were declared for the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993.

Series E - The Series E preferred stock is entitled to an annual dividend of \$.10 per share contingent upon after tax earnings being in excess of \$200. No dividends were declared for the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993.

Series F - As consideration for granting extensions on former debts, the Company issued, in 1984, 2,700 shares of preferred stock at \$1.00 per share. The nonvoting preferred stock, designated Series F, with a dividend rate of \$8.00 per share is redeemable at the option of the Company after July 1993 for \$1.00 per share. One share will be issued for each \$100 (one hundred dollars) of principal indebtedness owed. The dividend will be noncumulative and is payable within 100 days from the close of any year where net income after tax exceeds \$500, and all dividends due on the Series B preferred stock are paid or provided for. No dividends were declared for the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993.

(14) Stock Options and Warrants

Employee Stock Options

Pursuant to a Board of Directors meeting on December 15, 1994 certain individuals received options to purchase an aggregate of 1,750,000 shares of unregistered common stock. The options have an exercise price of \$.50 per share, being the fair market value per share of Consolidated common stock on the date of the meeting, being the date of grant, and being exercisable at any time and from time to time during the four year period ended December 14, 1998.

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(14) Stock Options and Warrants (continued)

Non-Employee Directors, Consultants and Advisors Stock Options:

On August 20, 1993, the Company authorized a stock option plan for Non-Employee Directors, Consultants and Advisors to provide compensation for services rendered to the Company in lieu of cash payments.

Pursuant to the plan, in October 1993, January 1994 and March 1994, the Company registered 1,500,000 shares, 1,000,000 shares and 1,500,000 shares, respectively. During the same time periods, options for 3,000,000 shares were granted, of which 1,400,000 were exercised at \$1.00 per share and 1,600,000 exercised at \$2.00 per share, resulting in \$7,140 of expenses computed as follows:

Shares	3,000,000
Value of stock at date of grant	\$4.8917*

	14,675
20% discount	(2,935)

	11,740
Exercise proceeds	(4,600)

Expense	\$ 7,140
	=====

* - Represents weighted average.

In accordance with the agreements relating to the various parties involved, for the years ended December 31, 1994 and July 31, 1994 \$4,140 and \$7,140 was charged as consulting services in the determination of income from operations. A 20% discount was utilized because the shares issued represents a large block of stock.

Pursuant to the plan during the year ended December 31, 1995, 6,500,000 shares were granted and exercised of which 1,500,000 were exercised at \$0.25 per share, 1,000,000 were exercised at \$0.35 per share 1,000,000 were exercised at \$0.50 per share and 3,000,000 were exercised at \$0.00 per share, resulting in \$3,869 of consulting costs computed as follows:

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(14) Stock Options and Warrants (continued)

Shares	6,500,000
Value of stock at date of grant	\$0.9796*

	6,367
20% discount	(1,273)

	5,094
Exercise proceeds	(1,225)

Total consulting costs	3,869
Portion expensed at issuance	1,556

Portion deferred at issuance	\$ 2,313
Amortization during 1995	404

Write-off of deferred portion at December 31, 1995	\$ 1,909
	=====

* - Represents weighted average.

In accordance with the agreements relating to the various parties involved, \$1,556 was charged as consulting expense at the time of issuance and the remainder was to be amortized over the life of the contracts. During the year ended December 31, 1995 \$404 was amortized and charged as consulting expense. Additionally, at December 31, 1995 it was determined that the parties relating to the deferred portion were no longer able to perform the services required by the contracts and as such the balance of \$1,909 was written-off to consulting expense. A 20% discount was utilized because the shares issued represents a large block of stock.

Series A Common Stock Purchase Warrant:

On September 30, 1994, in conjunction with the financing of the IMI acquisition, the Compa issued to a financing company, a warrant to purchase 1,000,000 shares of the company's common stock at an exercise price of \$0.75 per share. This warrant is exercisable on or before September 30, 1999 and expires on October 1, 1999. The number and kind of securities purchasable upon the exercise of this warrant and the exercise price is subject to adjustment from time to time upon the happening of (a) certain stock reclassification, consolidation or merger events; (b) certain stock split transactions; or (c) certain dividend declarations, such that the value of shares that would have been received upon exercise of the warrant immediately prior to the above events is equivalent to the value of shares receivable upon exercise of the warrant immediately subsequent to the above events.

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(15) Industry Segments

The Company currently classifies its operations into eight business segments: (i) Contract Engineering Services consists of subsidiaries that provide engineers, designers and technical personnel on a temporary basis pursuant to contracts with major corporations; (ii) Medical Diagnostics consists of a subsidiary that performs magnetic resonance imaging and other medical diagnostic services; (iii) Electro-Mechanical and Electro-Optical Products Manufacturing consists of subsidiaries that manufacture and sell products such as devices that measure distance and velocity, instrumentation devices, debit card vending machines and industrial lighting products; (iv) Medical Information Services consists of subsidiaries that provide medical information database services, health care industry related software packages and the SmartCard medical identification cards and related software program; (v) Telecommunications consists of a subsidiary that, among other things, installs telephonic network systems and buys and resells local telephone service; (vi) Three Dimensional Products and Services consists of subsidiaries that provide three dimensional imaging services that are used in a variety of applications, such as prototype building and reverse engineering; (vii) Audio Visual Manufacturing and Services consists of a subsidiary that manufactures and sells a professional line of loudspeakers, and (viii) Business Consulting Services consists of subsidiaries that provide a variety of financial and business related services. Corporate and Other consists of the operating activities of the holding company entities. Previously, the segmentation consisted of (i) Manufacturing, which is now included in the

Electro-Mechanical and Electro-Optical segment; (ii) Fees and Services, which included the subsidiaries that are now classified in the Contract Engineering Services, Telecommunications and Business Consulting Services segments; and (iii) Development Stage which previously included Medical Information Services and Three Dimensional Products and Services. Inter segment sales and sales outside the United States are not material. Information concerning the Company's business segments is as follows:

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(15) Industry Segments (continued)

Segments	Year Ended December 31,		Fiscal Year Ended July 31,	
	1995	1994	1994	1993
Revenues:				
Contract Engineering Services	\$63,152	\$25,291	\$10,221	\$ 611
Medical Diagnostics	28,044	6,557	--	--
Electro-Mechanical and Electro- Optical Products Manufacturing	4,223	3,605	3,475	3,059
Medical Information Services	7,381	2,925	7	50
Telecommunications	3,253	2,269	1,131	--
Three Dimensional Products and Services	1,776	850	292	80
Audio Visual Manufacturing and Services	2,149	--	--	--
Business Consulting Services	119	81	616	39
Total Revenues	\$110,097	\$41,578	\$15,742	\$ 3,839
	=====	=====	=====	=====
Gross Profit:				
Contract Engineering Services	\$ 3,995	\$ 1,640	\$ 1,007	\$ 51
Medical Diagnostics	12,235	2,661	--	--
Electro-Mechanical and Electro- Optical Products Manufacturing	1,048	119	157	996
Medical Information Services	1,974	601	7	33
Telecommunications	695	640	277	--
Three Dimensional Products and Services	654	296	119	56
Audio Visual Manufacturing and Services	202	--	--	--
Business Consulting Services	119	193	615	39
Total Gross Profit	\$20,922	\$ 6,150	\$ 2,182	\$ 1,175
	=====	=====	=====	=====

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(15) Industry Segments (continued)

Segments	Year Ended December 31,		Fiscal Year Ended July 31,	
	1995	1994	1994	1993
Income (Loss) from Operations:				
Contract Engineering Services	(\$ 446)	(\$ 108)	(\$ 21)	(\$ 90)
Medical Diagnostics	5,367	1,036	--	--
Electro-Mechanical and Electro- Optical Products Manufacturing	(841)	(1,543)	(998)	382
Medical Information Services	(2,274)	(1,529)	(678)	(195)
Telecommunications	(504)	(144)	42	--
Three Dimensional Products and Services	(2,242)	(1,555)	(765)	(108)
Audio Visual Manufacturing and Services	(492)	--	--	--
Business Consulting Services	(21)	(430)	225	(148)
Corporate and other	(9,659)	(6,191)	(8,371)	(1,244)
Total Income (Loss) from Operations	(\$11,112)	(\$10,464)	(\$10,566)	(\$ 1,403)
	=====	=====	=====	=====
Net Income (Loss):				
Contract Engineering Services	(\$ 1,312)	(\$ 252)	\$ 69	(\$ 129)
Medical Diagnostics	2,682	449	--	--
Electro-Mechanical and Electro- Optical Products Manufacturing	(1,002)	(1,530)	(1,021)	394
Medical Information Services	(2,803)	(1,601)	(629)	(222)
Telecommunications	(573)	(150)	37	--
Three Dimensional Products and Services	(2,285)	(1,792)	(809)	(108)
Audio Visual Manufacturing and Services	(553)	--	--	--
Business Consulting Services	9	(442)	215	(148)
Corporate and Other	(5,523)	(6,110)	(8,634)	953
Total Net Income (Loss)	(\$11,360)	(\$11,428)	(\$10,772)	\$ 740
	=====	=====	=====	=====

Consolidated Technology Group, Ltd. and Subsidiaries

Notes to Consolidated Financial Statements

(in 000's except per share data)

(15) Industry Segments (continued)

Segments	Year Ended December 31,		Fiscal Year Ended July 31,	
	1995	1994	1994	1993
Depreciation and Amortization:				
Contract Engineering Services	\$ 706	\$ 324	\$ 139	\$ 1
Medical Diagnostics	4,988	1,294	--	--
Electro-Mechanical and Electro- Optical Products Manufacturing	37	24	43	5
Medical Information Services	1,333	372	6	2
Telecommunications	30	30	15	--
Three Dimensional Products and Services	417	133	81	29
Audio Visual Manufacturing and Services	74	--	--	--
Business Consulting Services	2	2	2	1
Corporate and Other	15	8	4	2
Total Depreciation and Amortization	\$ 7,602	\$ 2,187	\$ 290	\$ 40
	=====	=====	=====	=====
Capital Expenditures[1]:				
Contract Engineering Services	\$ 110	\$ 2	\$ 18	\$ 6
Medical Diagnostics	226	12,417	--	--
Electro-Mechanical and Electro- Optical Products Manufacturing	71	1	--	450
Medical Information Services	138	1,103	1,004	23
Telecommunications	3	--	--	--
Three Dimensional Products and Services	50	495	142	255
Audio Visual Manufacturing and Services	439	--	--	--
Business Consulting Services	--	2	4	7
Corporate and Other	21	61	59	--
Total Capital Expenditures	\$ 1,058	\$14,081	\$ 1,227	\$ 741
	=====	=====	=====	=====

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(15) Industry Segments (continued)

Segments	As of December 31,		As of July 31,	
	1995	1994	1994	1993
Identifiable Assets:				
Contract Engineering Services	\$ 9,559	\$ 9,984	\$ 5,509	\$ 116
Medical Diagnostics	39,872	40,912	--	--
Electro-Mechanical and Electro- Optical Products Manufacturing	3,714	4,502	4,647	4,983
Medical Information Services	6,936	6,652	6,822	374
Telecommunications	1,362	1,256	1,042	--
Three Dimensional Products and Services	1,559	2,327	1,446	849
Audio Visual Manufacturing and Services	1,780	--	--	--
Business Consulting Services	251	1,425	444	450
Corporate and Other	1,279	1,031	5,160	609
Total Identifiable Assets	\$66,312	\$68,089	\$25,070	\$ 7,381
	=====	=====	=====	=====

[1] For the years ended December 31, 1995 capital expenditures for the audio visual manufacturing and services segment include \$374 for amounts allocated to property and equipment from the acquisition of certain net assets of WWR Technology related to the reverse merger with Trans Global Services. For the year ended December 31, 1994 the contract engineering services, medical diagnostics, medical services and three dimensional products and services segments include \$2, \$10,903, \$1,004 and \$208, respectively, for amounts allocated to property and equipment from the acquisition of certain net assets of Job Shop Technical Services, Inc., International Magnetic Imaging, Inc., Creative Socio-Medics, Inc. and Computer Engineering Services, Inc. For the fiscal year ended July 31, 1994, capital expenditures for the technical employee leasing and medical information services segments include \$18 and \$1,004 for amounts allocated to property and equipment from the acquisition of certain net assets of Acquisitions Group, Inc. and Creative Socio-Medics, Inc. For the fiscal year ended July 31, 1993, capital expenditures for the electro-mechanical and electro-optical products manufacturing and three dimensional products and services segments include \$450 and \$182, respectively, for amounts allocated to property and equipment from the acquisition of certain net assets of General Technologies Group, Ltd. and Robotics and Designs, Inc.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(16) Sale and Reacquisition of Subsidiary

Pursuant to an Agreement dated June 4, 1987, by and among General Aero Products Corp., now called General Technologies Group Ltd. ("GTG"), the Company, and a subsidiary, Sequential Electronic Systems, Inc. ("SES"), the Company sold all of the then issued and outstanding common stock of SES (100 shares) to GTG. The Company received 1,500,000 shares of GTG common stock and a ten year, 10.5% promissory note in the principal amount of \$2,000 which note was subsequently written down by \$500 and the return by the Company of 500,000 shares of GTG common stock. This write down and return of shares was in settlement of a fraudulent claim made by GTG against the Company. The Company also loaned \$500 to GTG evidenced by GTG's 8% Convertible Debenture. Subsequent to the above transactions, a Chapter 11 petition was filed on December 14, 1989 by GTG.

During the fiscal year ended July 31, 1993, the Company, through its wholly-owned subsidiary, SIS Capital Corp., completed a settlement agreement with a financial institution. The agreement includes the purchase by the Company of the 100 shares of SES common stock held by the financial institution for \$25 cash and a note of \$75. In addition, S-Tech, Inc., a subsidiary of the Company acquired from the financial institution, certain net assets of GTG in the amount of \$1,523 (which represents the appraised value of the assets) for \$100 cash and note of \$270. The cost of the purchase of the 100 shares of SES stock is included in the expenses and losses recovered by the Company through the acquired assets of GTG. In conjunction with the agreement, an adversary proceeding, commenced against GTG in its pending bankruptcy proceedings in the Bankruptcy Court-Eastern District of New York was settled. The Company's claim for rescission of the sale of certain SES stock and damages for fraud, and the financial institution's separate adversary proceeding for an order voiding issuance of the nine hundred (900) shares of SES stock have all been discontinued. There are no other claims either by or against the Company pending in those proceedings. The Company has paid for its purchase of one hundred (100) shares of stock to the financial institution as part of its settlement of all claims by and against the financial institution.

(17) Related Party Transactions

Loans Payable to Officer and Former Shareholders:

The Company is indebted to stockholders for cash received and office equipment contributed by these stockholders in 1992. The loans are noninterest bearing and have no fixed due date. The amount due at December 31, 1995 and 1994 was \$183.

The Company is indebted to an employee for cash received from such employee during 1995. The loan bears interest at 9% and is due in 1996. The amount due at December 31, 1995 was \$107.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
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(17) Related Party Transactions (continued)

Approximately \$969 and \$1,067 at December 31, 1995 and 1994, respectively, of the subordinated debt issued in connection with the acquisition of IMI is payable to an officer of IMI. The officer was a shareholder in IMI prior the acquisition.

During the fiscal year ended July 31, 1994, the Company and certain of its subsidiaries had outstanding indebtedness to DLB, Inc. ("DLB"), a corporation owned by the wife of Mr. Lewis S. Schiller, chairman of the board, president and chief executive officer of the Company. Mr. Schiller disclaims any beneficial interest in DLB. The obligations were secured by assets and stock of certain subsidiaries. The largest amount outstanding during the period was approximately \$381. In addition, DLB had purchased preferred stock in one of the Company's subsidiaries for \$24. In April 1994, the Company paid approximately \$343 in principal and \$36 in interest to DLB and issued to DLB shares of common stock in certain subsidiaries in full payment of all its and its subsidiaries' obligations to DLB and paid DLB \$24 for DLB's preferred stock in a subsidiary, representing DLB's cost of such preferred stock. Since such repayment, DLB has not lent money to, or purchased stock in, the Company or any of its subsidiaries, except that, in August 1994, DLB advanced the Company approximately \$35, which was paid without interest in October 1994. The largest amount outstanding during the year ended December 31, 1994 was \$35.

Sale of a Subsidiary to Employees:

Effective January 1, 1994, the Company transferred to four employees of a subsidiary, including Ms. Grazyna B. Wnuk, secretary of the Company, 61% of the common stock of the subsidiary, for nominal consideration. In connection with such transfers, Ms. Wnuk received a 31% interest in the subsidiary. The operations of such subsidiary did not represent a significant portion of the Company's business during the years ended July 31, 1994 or December 31, 1994.

Purchase of a Portion of a Subsidiary from Employees:

Trans Global Services, Inc. ("Trans Global") was organized by SIS Capital Corp. ("SISC") in January 1995 to hold all of the stock of Avionics Research Holdings, Inc. ("Holdings"), (formerly ARC Acquisition Group, Inc.), which was acquired by SISC in December 1993, and Resource Management International, Inc. ("RMI"), (formerly ITS Management Corp.), which was acquired by SISC in November 1994. Trans Global also issued to SISC warrants to purchase shares of its common stock. The Trans Global stock and warrants were issued to SISC in consideration for the transfer of the stock of Holdings and RMI and the advances made by SISC. All of the Trans Global stock and warrants owned by SISC are held subject to the right of Mr. Lewis S. Schiller, chairman of the board and chief executive officer of the Company, to purchase 10% of SISC's equity position for 110% of SISC's cost. In connection with the organization of Trans Global, Trans Global also issued a 3.4% interest to Mr. Joseph G. Sicinski, president of Trans Global, in exchange for certain rights Mr. Sicinski has with respect to the stock of Holdings.

Consolidated Technology Group, Ltd. and Subsidiaries
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(17) Related Party Transactions (continued)

In connection with the organization of Trans Global in January 1995, SISC transferred a 5% interest in its common stock and warrants in Trans Global to DLB in exchange for DLB's 10% interest in another subsidiary of Consolidated.

At the time of the organization of Trans Global, Trans Global issued to SISC, in consideration for the equity consideration issued by Consolidated in connection with the acquisitions of Holdings and RMI, 500 shares of Series A 5% Redeemable Cumulative Preferred Stock.

During 1995, SISC, DLB, Inc. and Mr. Joseph G. Sicinski, the stockholders of Trans Global, entered into an agreement (the "Trans Global Agreement") with Concept Technologies Group, Inc. ("Concept") pursuant to which they would transfer to Concept all of the issued and outstanding capital stock of Trans Global in exchange for a controlling equity interest in Concept.

Pursuant to the Trans Global Agreement, Concept issued to SISC in respect of its Trans Global Common Stock, preferred stock and warrants, 850,000 shares of Concept Common Stock, two-year warrants (the "Concept Warrants") to purchase 475,000 shares of Concept Common Stock, 23,750 shares of Concept's Series A Participating Convertible Preferred Stock ("Series A Preferred Stock"), which are convertible into 1,900,000 shares of Concept Common Stock upon the filing of an amendment to Concept's certificate of incorporation which increases its capital stock, 23,750 shares of each of Concept's Series B and C Preferred Stock, which are convertible into an aggregate of 2,375,000 shares of Concept Common Stock if certain levels of income before income tax are met, and 25,000 shares of Concept's Series D 5% Redeemable Cumulative Preferred Stock ("Series D Preferred Stock"), which is not convertible and which is redeemable after three years for an aggregate of approximately \$1.7 million. The Series D Preferred Stock is also redeemable from the sale by Concept of its equity securities, including the sale of stock upon exercise of options and warrants. The Concept Warrants become exercisable until the Warrants included in the Units either expire or are exercised in full. The exercise price of the Concept Warrants is \$3.50 per share or the exercise price of the warrants included in a proposed private placement by Concept, whichever is lower.

Pursuant to the Trans Global Agreement, Concept issued to DLB in respect of its Trans Global stock and warrants, 50,000 shares of Concept Common Stock, Concept Warrants to purchase 25,000 shares of Concept Common Stock, 1,250 shares of Concept's Series A Preferred Stock, which are convertible into 100,000 shares of Common Stock, and 1,250 shares of each of Concept's Series B and C Preferred Stock, which are convertible into in aggregate of 125,000 shares of Concept Common Stock if certain levels of income before income taxes are attained. Pursuant to the Trans Global Agreement, Concept issued to Mr. Sicinski in respect of his Trans Global Stock, 100,000 shares of Concept Common Stock.

The Trans Global Agreement provides SISC and DLB with certain registration rights with respect to their Concept warrants and the underlying common stock and provides Mr. Sicinski with certain registration rights with respect to the 100,000 shares of Common Stock issued to him pursuant to the Trans Global

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
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(17) Related Party Transactions (continued)

Agreement. Mr. Sicinski's shares are subject to a one-year lockup agreement, subject to earlier release under certain conditions.

All of the Trans Global stock and warrants owned by SISC are held subject to the right of Mr. Lewis S. Schiller, chairman of the board and chief executive officer of the Company, to purchase 10% of SISC's equity position for 110% of SISC's cost. In connection with the transaction contemplated by the Trans Global Agreement, Mr. Schiller's option will be converted to an option to purchase 10% of SISC's interest in the Concept equity securities at a price equal to 110% of SISC's cost.

Advances to a Company that was Subsequently Acquired:

During the fiscal year ended July 31, 1994, the Company made advances to a company that was acquired on September 30, 1994. Advances receivable from this company at July 31, 1994 amounted to \$347.

Advances to an Unconsolidated Subsidiary:

The Company has made advances to a 39% owned subsidiary from time to time in various amounts. These advances have no fixed due dates or terms and \$145 of such advances have been written-off. The outstanding balances owed to the Company from this subsidiary was \$427 and \$160 at December 31, 1995 and 1994 and the greatest amount outstanding to such subsidiary during the years ended December 31, 1995 and 1994 and July 31, 1994 and 1993 was \$427. Ms. Grazyna B. Wnuk, the Company's secretary, owns a 31% interest in the subsidiary receiving such advances.

Loan Receivable from an Officer of a Subsidiary:

During the year ended December 31, 1995 a subsidiary of the Company loaned \$45 to the chief executive officer of such subsidiary. The loan has no fixed due dates or terms.

Loan Receivable from Sale of Common Stock Investments to an Officer:

During 1995, the chief executive officer of the Company exercised an option to purchase common stock investments held by the Company at 110% of the book value of such investments. The purchase of such investments was consummated in a noncash transaction and such officer is to issue a note in favor of the Company with interest at prevailing rates and maturing five years from the date of the purchase. Total amounts outstanding under such receivables was \$72 at December 31, 1995. The gain realized by the Company on the sale of these investments approximated \$7.

Consulting Arrangement with Former Board Member:

The Company entered into a consulting agreement with Irving Hertz (now deceased), upon his resignation from the Board and as Chief Executive Officer of the Company. Under this agreement, all of the fringes Mr. Hertz had as

Consolidated Technology Group, Ltd. and Subsidiaries
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(17) Related Party Transactions (continued)

CEO, including a leased car, would continue to be provided by the Company. The services to be performed, for which Mr. Hertz received a monthly retainer, were investment banking and financial consulting on various situations in which the Company was interested. The Company paid \$66,828 to Mr. Hertz under this agreement during the fiscal year ended July 31, 1993. Upon Mr. Hertz's death, the Company settled all claims his estate had against the Company for \$175, during the fiscal year ended July 31, 1994. As of July 31, 1994, all such amounts were paid in full. In addition, consulting fees were paid to other individuals and firms that were not related parties at the time such fees were paid and any such fees are not deemed to be material.

(18) Litigation

Although the Company is a party to certain legal proceedings which have occurred in the ordinary course of business, the Company does not believe such proceedings to be of a material nature with the exception of the following:

Holding Company:

The Company has been named as a defendant in a lawsuit filed by a company it was contemplating acquiring in January 1995 for alleged unauthorized use of proprietary information specific to that line of business. Outside counsel handling this case has advised the Company that it has meritorious defenses to obtain a dismissal of the lawsuit.

Contract Engineering Services:

The Government Printing Office wrote a subsidiary of the Company asking to be reimbursed a total of \$296 for unauthorized timework on two programs. The subsidiary has been in contact with the Department of Justice which has stated that they were declining prosecution of the subsidiary regarding this matter. Management believes these claims are without merit and intends to contest these claims vigorously if reasserted by the Government Printing Office and believe that the ultimate disposition of this matter will not have a material adverse effect on the financial position of the Company.

The United States Department of Labor ("DOL") has filed a complaint against Job Shop Technical Services, Inc. ("Job Shop"), a company from which a subsidiary of the Company purchased certain assets and assumed certain obligations, and its former principal shareholder for civil violations of ERISA resulting from the failure of Job Shop to deposit employee contributions to Job Shop's 401(k) retirement plan. A similar complaint was filed by former employees of Job Shop against Job Shop, its former principal shareholder and others. At November 21, 1994, the amount due to the Job Shop 401(k) plan was approximately \$3,000, which amount may have increased since such date as a result of interest and penalties. Neither the Company nor RMI, which is the subsidiary which acquired assets and assumed certain obligations of Job Shop in November 1994, has been named as a defendant in either of such actions. The DOL has raised with the Company the possibility that RMI may be liable with respect to Job Shop's ERISA liability as a successor corporation.

Consolidated Technology Group, Ltd. and Subsidiaries
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(18) Litigation (continued)

or purchaser of plan assets, even though RMI did not assume such obligations and paid value for those assets which it did purchase. Although the Company believes that RMI is not a successor corporation to Job Shop and is not responsible for Job Shop's ERISA violations, the DOL may take a contrary position. If the DOL takes such a position and prevails, it would have a material adverse effect upon the operations of RMI and possibly the Company as a whole.

Medical Information Services:

An action was commenced against a subsidiary of the Company by the filing of a summons with notice in the Supreme Court of the State of New York, County of New York. The action was commenced by Jacques W. Pate, Jr., Melvin Pierce, Herbert A. Meisler, John Gavin, Elaine Zanfini, individually and derivatively as shareholders of Onecard Health Systems Corporation and Onecard Corporation, which corporations are collectively referred to as "Onecard". The named defendants include, in addition to the subsidiary, officers and directors of the subsidiary and the Company. A complaint was filed on November 15, 1995. The complaint makes broad claims respecting alleged misappropriation of Onecard's trade secrets, corporate assets and corporate opportunities, breach of fiduciary relationship, unfair competition, fraud, breach of trust and other similar allegations, apparently arising at the time of, or in connection with the organization of the subsidiary in September 1992. The complaint seeks injunctive relief and damages, including punitive damages of \$130,000. Management believes that the action is without merit, and it will vigorously defend the action. Nevertheless, due to uncertainties in the legal process, it is at least reasonably possible that management's view of the outcome will change in the near term and there exists the possibility that there could be a material adverse impact on the operations of the Company.

Audio Visual Manufacturing and Services:

There is an action pending against a subsidiary of the Company alleging claims against the subsidiary for unauthorized use of the Klipsch trademark. The Company denies these allegations and asserts there has been no material breach of contract. The case is currently in the discovery phase and the amount of any liability, if any, cannot be estimated. Management intends to defend vigorously the claims alleged against the subsidiary. Nevertheless, due to uncertainties in the legal process, it is at least reasonably possible that management's view of the outcome will change in the near term and there exists the possibility that there could be a material adverse impact on the operations of the subsidiary.

(19) New Authoritative Pronouncements

The following describes new authoritative pronouncements that are expected to be applicable to the accounting of the Company's operations:

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(19) New Authoritative Pronouncements (continued)

The Financial Accounting Standards Board ("FASB") issued Statement of Financial Accounting Standards ("SFAS") No. 121, "Accounting for the Impairment of Long-Lived Assets to Be Disposed Of", in March of 1995. SFAS 121 established accounting standards for the impairment of long-lived assets, certain identifiable intangibles, and goodwill related to those assets to be held and used, and for long-lived assets and certain identifiable intangibles to be disposed of. SFAS No. 121 is effective for financial statement issued for fiscal years beginning after December 15, 1995. Adoption of SFAS No. 121 may have a material impact on the Company and require significant write-downs of intangible assets

The FASB has also issued SFAS No. 123, "Accounting for Stock-Based Compensations," in October 1995. SFAS No. 123 uses a fair value based method of accounting for stock options and similar equity instruments as contrasted to the intrinsic valued based method of accounting prescribed by Accounting Principles Board ("APB") Opinion No. 25, "Accounting for Stock Issued to Employees." The Company has not determined whether it will adopt SFAS No. 123 or continue to apply APB Opinion No. 25 for financial reporting purposes. SFAS No. 123 will have to be adopted for financial note disclosure purposes in any event. The accounting requirements of SFAS No. 123 are effective for transactions entered into in fiscal years that begin after December 15, 1995; the disclosure requirements of SFAS No. 123 are effective for financial statements for fiscal years beginning after December 15, 1995.

(20) Acquisitions

(i) - On December 22, 1993, the Company, acquired for 600,000 shares valued at \$1,440 (through a 90% owned subsidiary) Arc Acquisition Group, Inc., in a business combination accounted for as a purchase. On the same date, the Company also acquired for 250,000 shares valued at \$600 (through a wholly owned subsidiary) 80% of the outstanding voting common stock and 50.1% of the outstanding non voting stock of ARC Networks, Inc., in a business combination also accounted for as a purchase. The purchase price of these two acquisitions exceeded the fair value of the net assets of ARC Acquisition Group, Inc. and ARC Networks, Inc. by \$2,543, consisting of Goodwill of \$543 and Customer Lists - \$2,000. Goodwill and Customer Lists will be amortized over 20 years and 1 years, respectively, under the straight line method. For accounting purposes, the results of operations of ARC Acquisition and ARC Networks are included with the results of the Company from January 1, 1994 onward.

(ii) - On June 16, 1994, a subsidiary of the Company, Carte Medical Holdings ("CMH"), through a wholly-owned subsidiary, CSM Acquisition Corp. ("Acquisition Corporation"), acquired the assets and assumed liabilities of Creative Socio-Medics Inc. ("CSM") pursuant to a plan and agreement of reorganization dated as of April 13, 1994, as amended (the "Purchase Agreement"), among the Company, Carte Medical Corp. ("Carte"), Acquisition Corporation, CSM and Advanced Computer Techniques, Inc. ("ACT"), the parent of

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(20) Acquisitions (continued)

CSM. The Company is the parent of SISC, which is the parent of CMH. In connection with the purchase, (i) Acquisition Corporation purchased the assets and assumed liabilities of CSM in exchange for 800,000 shares of the Company's common stock and \$500 which was advanced by Carte to Acquisition Corporation from the proceeds of a loan made by SISC, (ii) CMH transferred the stock of Acquisition Corporation to Carte, (iii) in consideration for the transfer of the Acquisition Corporation stock, Carte is to issue to CMH an aggregate of 1,000,000 shares of common stock, of which 450,000 shares are issuable on or about the date Carte receives the proceeds from an initial public offering, and (iv) Acquisition Corporation changed its corporate name to Creative Socio-Medics Corp. At the time of the execution of the Purchase Agreement, SISC granted to former officers of ACT and CSM, options to purchase an aggregate of 202,560 shares of Carte's common stock owned by SISC. The shares of common stock owned by SISC were transferred to CMH subject to the options. The options are exercisable at an exercise price of \$.174 per share during the five-year period commencing on June 16, 1994, the date the acquisition of CSM was consummated. At the closing of the acquisition, the Company issued to such individuals an aggregate of 40,000 shares of its common stock. The purchase price of this acquisition included \$3,851 for customer lists of CSM which will be amortized over 15 years under the straight line method. For accounting purposes, the results of operations of CSM are included with the results of the Company from July 1, 1994 onward.

(iii) - As of September 30, 1994, the Company acquired International Magnetic Imaging, Inc. and its affiliated entities ("IMI, Inc.") in a business combination accounted for as a purchase. The principal operations of IMI, Inc. are in the establishment and operation of outpatient diagnostic centers providing MRI services and other diagnostic modalities. The results of operations of IMI, Inc. are included in the accompanying combined financial statements since the date of acquisition. The total cost of the acquisition was \$31,872 which exceeded the fair value of net assets of IMI, Inc. By \$11,069. The excess purchase price, or goodwill, will be amortized by the straight-line method over 20 years.

The other intangibles, specifically restrictive covenants and customer lists, will be amortized by the straight-line method over 3 years and 15 years, respectively.

The following summarizes the purchase price allocated to acquired assets at fair value.

Cash	\$ 6,960
Subordinated Debt	19,863
Stock (3,343,000)	2,920
Notes [Covenants]	800
Acquisition Costs	1,329

Purchase Cost	\$31,872

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(20) Acquisitions (continued)

Allocated to:

Cash	\$ 2,350
Other Assets	421
Covenants-Not-to-Compete	3,303
Property, Plant and Equipment	10,903
Accounts Receivable	7,379
Managed Care Contracts - Customer Lists	5,656
Liabilities Assumed	(9,209)
Goodwill	11,069

Total	\$31,872
	=====

The cash portion of the purchase price was subsequently refinanced through DVI. The notes issued in connection with the acquisition of the centers balloon primarily in September 1996, with notes in the principal amount of \$860 maturing in September 1997. The notes issued to acquire the management and radiology company, balloon and mature in September 1997 and 1999, respectively. In connection with this acquisition, the Company, through its subsidiaries, borrowed an aggregate of approximately \$7.1 million on a secured, term-loan basis over 60 months pursuant to loan and security agreements among the Company's subsidiaries and DVI Financial Services, Inc. dba DVI Capital. For accounting purposes, the results of operations of IMI are included with the results of the Company from October 1, 1994 onward.

(iv) - In November 1994, the Company acquired the assets of two businesses, Job Shop Technical Services, Inc. ("Job Shop") and Computer Engineering Services, Inc. ("CES"). Job Shop provides engineers, designers and technical personnel on a temporary basis, which is similar to the business performed by Avionics Research Corporation, a subsidiary of the Company. CES is engaged in the business of performing CAD (computer aided design) and CAM (computer aided manufacturing) related services and the marketing and sale CAD/CAM software.

(a) - Pursuant to an asset purchase agreement dated as of August 19, 1994 among ITS Management Corp., a Delaware Corporation and wholly-owned subsidiary of the Company ("ITS"), Job Shop and the sole stockholder of Job Shop, ITS acquired substantially all of the assets of Job Shop in exchange for 750,000 shares of the Company's common stock valued at \$450, and the assumption of certain scheduled liabilities. The principal liability assumed was a \$2 million obligation due to the Internal Revenue Service pursuant to a settlement arrangement which Job Shop had negotiated. The initial \$500 payment was made in November, 1994. The balance is due in 15 monthly installments of \$100, commencing May, 1995.

(b) - Pursuant to a plan and agreement of reorganization among CDS Acquisition Corp. ("CDS"), a Delaware corporation and wholly-owned subsidiary of the Company, CES and the sole stockholder of CES, CDS acquired substantially all of the assets of CES in exchange for 750,000 shares of the Company's common stock valued at \$450, and the assumption of certain scheduled liabilities.

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(20) Acquisitions (continued)

Prior to the acquisition, the businesses of Job Shop and CES were operated as divisions of the same company, along with one other division which was not acquired by the Company. For accounting purposes the results of operations of ITS and CDS are included with the results of the Company from November 22, 1994 onward.

(v) - In May 1995, SIS Capital Corp., a wholly-owned subsidiary of the Company ("SISC"), entered into an agreement among SISC, DLB, Inc. ("DLB"), Joseph G. Sicinski and Concept Technologies Group, Inc. ("Concept"), pursuant to which SISC, DLB and Mr. Sicinski transferred to Concept all of the issued and outstanding common stock of Trans Global, in exchange for a controlling interest in Concept. Concepts common stock and warrants are traded on the NASDAQ Small Cap Market. Trans Global's common stock was owned by SISC (91.6%), DLB (5.0%) and Mr. Sicinski (3.4%). DLB is owned by Ms. Carol Schiller, wife of Mr. Lewis S. Schiller, the Company's chairman of the board, president and chief executive officer. Mr. Schiller disclaims all beneficial interest in the securities owned by DLB. Mr. Sicinski is president of Trans Global. Trans Global, which operates through two subsidiaries, ARC and RMI is engaged in the business of providing engineers, designers and other technical personnel to its clients, which include major companies in the aerospace, electronics and computer industries. Concept owns and operates Klipsch Loudspeaker business, and, through a subsidiary, is the developer and owner of proprietary technologies with applications in environmental noise cancellation, medical monitoring, defense and communications. Following the consummation of the transaction, the business of Trans Global became Concept's principal business.

The following pro forma unaudited results assume the above four acquisitions had occurred at the beginning of the indicated periods:

	Year Ended December 31,		Fiscal Year Ended July 31,	
	1995	1994	1994	1993
Net revenues	\$110,761	\$98,687	\$101,939	\$88,939
	=====	=====	=====	=====
Net income (loss)	(\$11,421)	(\$11,948)	(\$ 8,662)	\$ 632
	=====	=====	=====	=====
Income (loss) per share	(\$ 0.51)	(\$ 0.76)	(\$ 1.09)	\$ 0.15
	=====	=====	=====	=====

The pro forma information is not necessarily indicative of either the results of operations that would have occurred had the acquisition been effective at the beginning of the indicated periods or of the future results of operations.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(21) Sale of Majority Interest of Subsidiary

Effective January 1, 1994, the Company disposed of 61% of its interest in Universal International, Inc., ("Universal"), through its wholly-owned subsidiary, SIS Capital Corp.; which owned 100% of Universal. The sale was accounted for as a disposal of a portion of a line of business that is not considered a business segment. Other subsidiaries continue to operate in the business segment. The sale resulted in a loss of approximately \$33 which is included in other income (expense). The revenues, gross profits and net loss of Universal at December 31, 1993 were approximately \$160, \$48 and (\$40), respectively. Subsequent to December 31, 1993, the investment in Universal is being accounted for under the equity method.

Following is a summary of net assets and results of operations of Universal International, Inc. as of January 31, 1994 and July 31, 1993 and for the periods ended January 31, 1994 and July 31, 1993 and 1992:

	January 31,	July 31,	
	1994	1993	
	-----	-----	
Cash	\$ 2	\$ 6	
Receivables - Net	45	59	
Property, Plant and Equipment - Net	20	24	
Other Assets	8	28	
	-----	-----	
Total Assets	75	117	
Accounts Payable and Accrued Expenses	41	44	
Accrued Payroll Taxes	105	97	
Loans Payable	166	170	
	-----	-----	
Net Assets	(\$ 237)	(\$ 194)	
	=====	=====	
	Period from		
	August 1, 1993		
	through		
	January 31,		
	1994		

		For the	
		Year ended	
		July 31,	
		1993	

		For the	
		Year ended	
		July 31,	
		1992	

Revenues	\$ 195	\$ 611	\$ 727
Costs and Expenses	238	740	793
	-----	-----	-----
Net [Loss]	(\$ 43)	(\$ 129)	(\$ 66)
	=====	=====	=====

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(22) Disposal of a Portion of a Line of Business

On July 31, 1991, the Company sold its 50.1% interest in Trinity Holding Corp. to one of the minority shareholders (Hugh Murphy) of the Trinity Holding Corp. in exchange for one dollar and the waiver of significant emoluments granted by the Company's Board in 1989. At the date, liabilities exceeded assets by \$823. The excess of net liabilities over the net investment in Trinity Holding Corp. of \$767 has been recorded as a gain on disposal of a segment. During the fiscal year ended July 31, 1993, \$562 in notes and loans receivable from Trinity Holding Corp. were written off by the Company.

Following is a summary of net assets of Trinity Holding Corp. as of July 30, 1991:

Cash	\$ 37
Receivables - Net	52
Property, Plant and Equipment - Net	7
Other Assets	17

Total Assets	113
Accounts Payable and Accrued Expenses	86
Accrued Payroll Taxes	278
Notes Payable - Other	572

Net Assets	(\$ 823)
	=====

(23) Extraordinary Item - Debt Restructuring

During the fiscal years ended July 31, 1993, certain creditors agreed to forgive debt totaling \$153. The debt of \$285 which was primarily owed to a related party was included in additional paid-in capital at July 31, 1991. The \$146 forgiven in 1993, which was due to non-related entities, is reported as an extraordinary item. In addition, in 1993, debt in the amount of \$348 owed to the above entities, as well as others, was converted into Series A preferred stock at a price of \$5.00 per share (69,711 shares).

(22) Unusual Item

In May 1993, the Company, through its wholly-owned subsidiary, SISC, completed an agreement with a major financial institution settling a \$6 million lawsuit for damages filed against the institution and General Technologies Group Ltd., ("GTG"), pursuant to a RICO action undertaken by Mr. Lewis S. Schiller, CEO of the Company, alleging ongoing fraud and conspiracy to defraud the Company in connection with the Sequential Electronics Systems, Inc., ("SES"), transaction of June 3, 1987. The agreement gives the Company clear title to all the shares of SES and includes the purchase of certain net assets and the operations of GTG by S-Tech, Inc., a subsidiary of the Company. The purchase

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(23) Unusual Item (continued)

by S-Tech, Inc. was completed June 30, 1993, and resulted in the Company acquiring net assets of \$1,523 (representing appraised values). To the extent that the Company recorded losses in prior periods through the write-down of assets, the write-off of receivables, and other related expenses, in its prior sale agreement with GTG (in excess of \$1,600), the Company has recorded a one time gain on the acquisition. S-Tech, Inc. remains liable on a note to the financial institution arising from the above purchase.

(24) Subsequent Events

Holding Company:

Regulation S Offerings - Pursuant to an offering in January 1996 made under Regulation S of the Securities Act of 1933, the Company received net proceeds of \$500 in conjunction with the issuance of 5,000,000 shares of common stock.

Conversion of Series A Preferred Stock - During the first quarter of 1996, the Company issued 3,635,379 shares of common stock upon the conversion of 27,914 shares of series A preferred stock.

During January 1996, the Company

Contract Engineering Services:

In January 1996, a publicly held subsidiary of the Company sold 500,000 shares of its common stock pursuant to Regulation S of the Securities Act of 1933 and received net proceeds of \$500. The impact of this transaction on the Company will be an increase in minority interest on the balance sheet of approximately \$500 and a dilution of ownership of approximately 2%. Such dilution is not expected to be material in relationship to the financial statements as a whole.

In March 1996, a publicly held subsidiary of the Company held its annual meeting of stockholders at which time, among other things, the authorized preferred stock was increased from 100,000 shares to 2,000,000 shares and the authorized common stock was increased from 4,000,000 shares to 20,000,000 shares. The Company is due to receive an additional 1,510,000 shares of the public subsidiary's stock pursuant to the reverse merger agreement discussed in footnote (18), (v), above and this will increase the Company's ownership by approximately 25%. Had this stock been received during 1995, the minority interest in the loss of consolidated subsidiaries would have decreased by approximately \$1,000 which would have increased the consolidated loss by approximately \$1,000.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(24) Subsequent Events (continued)

Medical Diagnostics:

In January 1996, a subsidiary of the Company obtained financing consisting of a term loan of \$2,000 and a revolver loan of \$6,000. The majority of the proceeds were used to pay current subordinated debt. In addition, other current subordinated debt was reclassified to long-term per the loan agreements. The pro forma effect of this financing on the December 31, 1995 balance sheet would be as follows:

Current assets	\$26,965
Property and equipment, net	11,034
Other assets	29,416

Total assets	\$67,415
	=====
Current liabilities	\$31,404
Long-term liabilities	22,995

Total liabilities	54,399
Minority interest	2,087
Stockholders' equity	10,929

Total liabilities and stockholders' equity	\$67,415
	=====

In February 1996, a subsidiary of the Company loaned \$300 to an officer of the subsidiary. The principal is due in 1998 and requires interest only payments at a rate of 5.5%, payable annually.

Medical Information Services:

In February 1996 a subsidiary of the Company executed an agreement to purchase an application software product known as SATC Software which processes retail plastic card transactions and merchant transactions for \$650 of which \$325 was paid in February 1996 with the balance due in three installments in 1996. Additionally, the subsidiary entered into a joint venture with a company in which the joint venture partner will pay the remaining balance for the SATC Software as its contribution to the joint venture. The joint venture agreement has not been finalized and the subsidiary remains liable for the remaining \$325 in any event. The Company has also guaranteed the subsidiary's repayment of such amount.

A subsidiary of the Company intends to enter into an agreement with a consulting company pursuant to which the subsidiary would pay \$25-\$59 per month for management level services. The agreement will continue to the year 2000 and also provides for payment of a percentage of smart card and related revenues generated by the subsidiary. Pursuant to the agreement, the subsidiary is to pay the consulting company \$250 for prior services rendered.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(24) Subsequent Events (continued)

In 1996, a subsidiary of the Company signed a letter of intent with an underwriter for the sale of its securities through an initial public offering. Additionally, in January 1996, the subsidiary borrowed \$500 from four accredited investors. In connection with such loans, the subsidiary issued its 8% promissory notes due January 31, 1997, which are payable from the proceeds of the subsidiary's initial public offering. The subsidiary also agreed that if the initial public offering is completed prior to January 31, 1997, it would register, pursuant to the Securities Act and issue to the note holders one unit for each \$2.00 principal amount of notes. The unit to be issued to the note holders will mirror the units to be issued in the initial public offering.

In January 1996, a subsidiary of the Company issued 11,250 shares of common stock to its vice president for services rendered by him. The fair value of such shares will be treated as compensation in 1996.

In March 1996, a subsidiary's agreement with a receivable factor was modified to allow borrowings up to 80% of eligible receivables to a maximum of \$1,000. In consideration, the subsidiary will pay the factor (i) an annual fee of \$10 and (ii) a monthly fee of \$10. If the subsidiary receives equity funds by the way of an initial public offering or a private placement of at least \$350, the original borrowing availability will be reinstated and the subsidiary shall pay the factor a \$25 fee and issue it 25,000 shares of the subsidiary's common stock.

(25) Commitments

Mr. Schiller has an employment agreement dated October 1, 1994 with the Company pursuant to which it employs him as chief executive officer through December 31, 1998 at an annual salary of \$250, subject to an annual cost of living increase or 5%, whichever is greater. Mr. Schiller is also entitled to a bonus equal to 10% of the Company's consolidated income before income taxes in excess of \$250. No bonus was payable for the year ended December 31, 1995. The Company also granted to Mr. Schiller a five-year option to acquire 10% of the Company's securities portfolio at 110% of the Company's cost.

Mr. Mahoney has an employment agreement dated October 1, 1994, and superseded by an agreement dated March 21, 1995, with the Company pursuant to which it employs him as chief financial officer through December 31, 1999. Mr. Mahoney will receive a base salary of \$165, \$177, \$189, \$202 and \$220 for the years ending December 31, 1995, 1996, 1997, 1998 and 1999, respectively. Additionally, Mr. Mahoney shall also receive incentive compensation equal to the greater of one percent of the net pretax profits or net cash flow of the Company, plus the greater of one percent of the net pretax profit or net cash flow of IMI (a wholly-owned subsidiary of the Company), subject to a maximum of twice Mr. Mahoney's base salary for the respective year. Mr. Mahoney's bonus for the year ended December 31, 1995 approximates \$35.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(26) Restatements of Prior Period Financial Statements

The years ended December 31, 1994 and July 31, 1994 and 1993 financial statements have been restated. The following summarizes and describes impact of the restatement.

	Year Ended		
	December 31,	July 31,	
	1994	1994	1993
Income (Loss) from Operations:			
Prior to Restatement	(\$ 5,965)	(\$ 3,851)	(\$ 841)
Prior Period Adjustments:			
Decrease in discount on shares issued for stock options [1]	(3,540)	(5,870)	--
Reclass loss from discontinued operations to operating activity [2]	--	--	(562)
Reclass stock option expense from unusual to selling, general and administrative expenses [3]	(300)	(845)	--
Decrease in discount on shares issued in lieu of cash payment for services rendered [4]	(36)	--	--
Decrease in discount on shares issued for acquisitions [5]	(338)	--	--
Reclass goodwill write-off from other expense to selling, general and administrative expenses [6]	(285)	--	--
As restated	(\$10,464) =====	(\$10,566) =====	(\$ 1,403) =====
Other Income (Expense):			
Prior to Restatement	(\$ 1,657)	(\$ 1,253)	\$ 1,942
Prior Period Adjustments:			
Reclass stock option expense from unusual to selling, general and administrative expenses [3]	300	845	--
Reclass goodwill write-off from other expense to selling, general and administrative expenses [6]	285	--	--
As restated	(\$ 1,072) =====	(\$ 408) =====	\$ 1,942 =====

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(26) Restatements of Prior Period Financial Statements (continued)

	Year Ended		
	December 31,	July 31,	
	1994	1994	1993
Loss from Discontinued Operations:			
Prior to Restatement	--	--	(\$ 562)
Prior Period Adjustments:			
Reclass loss from discontinued operations to operating activity [2]	--	--	\$ 562
As restated	=====	=====	=====
Net Income (Loss):			
Prior to Restatement	(\$ 7,514)	(\$ 4,902)	\$ 740
Prior Period Adjustments:			
Decrease in discount on shares issued for stock options [1]	(3,540)	(5,870)	--
Decrease in discount on shares issued in lieu of cash payment for services rendered [4]	(36)	--	--
Decrease in discount on shares issued for acquisitions [5]	(338)	--	--
As restated	(\$11,428)	(\$10,772)	\$ 740
Accumulated Deficit:			
Prior to Restatement	(\$23,044)	(\$18,932)	(\$14,030)
Prior Period Adjustments:			
Decrease in discount on shares issued for stock options [1]	(5,870)	(5,870)	--
Decrease in discount on shares issued in lieu of cash payment for services rendered [4]	(36)	--	--
Decrease in discount on shares issued for acquisitions [5]	(338)	--	--
As restated	(\$29,288)	(\$24,802)	(\$14,030)

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(26) Restatements of Prior Period Financial Statements (continued)

	Year Ended		
	December 31,	July 31,	
	1994	1994	1993
Additional Paid-in Capital, Common Stock:			
Prior to Restatement	\$39,353	\$35,861	\$16,752
Prior Period Adjustments:			
Decrease in discount on shares issued for stock options [1]	5,870	5,870	--
Decrease in discount on shares issued in lieu of cash payment for services rendered [4]	36	--	--
Decrease in discount on shares issued for acquisitions [5]	338	--	--
As restated	\$45,597	\$41,731	\$16,752

[1] - The Company originally used a 60% discount for valuing shares issued and exercised pursuant to a Non Employee Directors, Consultants and Advisors Stock Plan and it was subsequently determined that only a 20% discount should be used resulting in an increase in noncash expenses of \$3,540 for the year ended December 31, 1994 and \$5,870 for the year ended July 31, 1994.

[2] - The Company originally presented \$562 of losses from the discontinuation of a part of a line of business as a discontinued item and such losses are now included in income (loss) from operations.

[3] - The Company originally included \$845 of noncash expenses from the issuance and exercise of stock options pursuant to a Non Employee Directors, Consultants and Advisors Stock Plan as an unusual expense in other income and expense. Such expense has been reclassified as an operating expense of \$300 for the year ended December 31, 1994 and \$845 for the year ended July 31, 1994.

[4] - The Company originally used a 50% discount for valuing shares issued in lieu of cash payment for services rendered and it was subsequently determined that only a 20% discount should be used resulting in an increase in noncash expenses of \$36 for the year ended December 31, 1994.

[5] - The Company originally used a 50% discount for valuing shares issued in connection with the acquisition of a subsidiary and it was subsequently determined that only a 20% discount should be used resulting in an increase in noncash expenses of \$338 for the year ended December 31, 1994.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(in 000's except per share data)

(26) Restatements of Prior Period Financial Statements (continued)

[6] - The Company originally included \$285 of goodwill write-offs in other income and expense. Such expense has been reclassified as an operating expense for the year ended December 31, 1994.

.....

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CONSOLIDATED TECHNOLOGY GROUP, LTD.

Date: April 10, 1996

/S/

Lewis S. Schiller
Chairman of the Board

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Signature	Title	Date
-----	-----	----
/S/	President and Director	April 10, 1996
-----	(Principal Executive	
Lewis S. Schiller	Officer)	
/S/	Chief Financial Officer	April 10, 1996
-----	(Principal Financial and	
George W. Mahoney	Accounting Officer)	
/S/	Director	April 10, 1996

Norman J. Hoskin		

Consolidated Technology Group Ltd. and Subsidiaries
Index to Exhibits
December 31, 1995

EX-11.1 Calculation of earnings per share.

EX-21.1 List of Subsidiaries of Registrant.

EX-27 Financial Data Schedule
(filed only to the SEC in electronic format)

Consolidated Technology Group, Ltd. and Subsidiaries
December 31, 1995
EX-11.1 Calculation of Earnings per Share

	Year Ended December 31, 1995 -----
Net Loss	(\$11,360,000) =====
Loss per Share:	
Loss per share - Note 1	\$(0.51) =====
Loss per Share - assuming full dilution - Note 2	\$(0.33) =====

Note 1:

Computed by dividing the net loss for the period by the weighted average number of common shares outstanding (22,423,035 for the year ended December 31, 1995). No stock options, warrants or preferred convertible stock are assumed to be exercised because they are anti-dilutive for the periods. The weighted average number of common shares outstanding is calculated by weighting common shares issued during the period by the actual number of days that such shares are outstanding for the period.

Note 2:

(i) Assumes that the 6,000,000 common shares issued pursuant to the exercise of stock options were outstanding as of the beginning of the year.

(ii) Assumes that a warrant to purchase 1,000,000 common shares at \$0.75 per share was exercised at the beginning of the year, and that all proceeds from such exercise were used to purchase treasury stock at a price equal to the average market price of the Company's common shares for the respective period as quoted on the NASD.

(iii) Assumes that at the beginning of the year, the 66,596 remaining shares of preferred convertible stock were converted to common shares at the conversion rate of 0.3020833 shares of common for each share of convertible preferred stock.

Consolidated Technology Group, Ltd
EX 21.1 List of Subsidiaries of the Registrant

Company	State of Incorporation
Consolidated Technology Group Ltd.	New York
SIS Capital Corp.	Delaware
The Trinity Group Inc.	Delaware
Carte Medical Holdings	Delaware
Carte Medical Corp.	Delaware
Creative Socio-Medics	Delaware
IMI Acquisition Corp.	Delaware
International Magnetic Imaging	Florida
MD Corp.	Florida
MRI-Net	Florida
IMI Acquisition of Pine Island Corporation	Florida
IMI Ltd. Partner Acq. of Pine Island, Inc.	Florida
IMI Acquisition of North Miami Beach Corporation	Florida
IMI Ltd. Partner Acq. of North Miami, Inc.	Florida
IMI Acquisition of Boca Raton Corporation	Florida
IMI Ltd. Partner Acq. of Boca Raton, Inc.	Florida
IMI Acquisition of South Dade Corporation	Florida
IMI Ltd. Partner Acq. of South Dade, Inc.	Florida
IMI Acquisition of Oakland Park Corporation	Florida
IMI Ltd. Partner Acq. of Oakland, Inc.	Florida
IMI Acquisition of Orlando Corporation	Florida
IMI Ltd. Partner Acq. of Orlando, Inc.	Florida
PODC Acquisition Corporation	Florida
PODC Ltd. Partner Acq. Corporation	Florida
IMI Acquisition of Puerto Rico Incorporated	Puerto Rico
IMI Acquisition of Arlington Corp.	Virginia
IMI Acquisition of Kansas Corporation	Kansas
MD Acquisition Corporation	Delaware
MD Ltd. Partner Acq. Corporation	Delaware
TeleVend, Inc.	Delaware
ARC Networks Corp.	New York
Trans Global Services, Inc.	Delaware
Resource Management International, Inc.	Delaware
ARC Acquisition Group, Inc.	New York
Avionics Research Corp.	New York
Avionics Research Corporation of Florida	Florida
SES Holdings Corp.	Delaware
Sequential Electronic Systems, Inc.	Delaware
S-Tech, Inc.	Delaware
Industry Lighting, Inc.	Delaware
3D Holdings, Inc.	Delaware
CDS Acquisition Corp.	Delaware
CDS, Inc.	Delaware
3D Technology, Inc.	Delaware
3D Imaging International, Inc.	Delaware
Universal International, Inc.	Delaware
Universal International of Orlando, Inc.	Florida
WWR Technology, Inc.	Delaware
Audio Animation, Inc.	Delaware
Prime Access, Inc.	Delaware
TGS Services Corp.	Delaware
Concept Technologies Group, Inc.	Delaware

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT UNDER SECTION 13 OR 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934

The Quarter Ended March 31, 1996

Commission File Number 0-4186

CONSOLIDATED TECHNOLOGY GROUP LTD.
(Exact name of registrant as specified in its charter)

New York
(State or other jurisdiction of
incorporation or organization)

13-1948169
(I.R.S. Employer
Identification Number)

160 Broadway, New York, NY
(Address of principal executive offices)

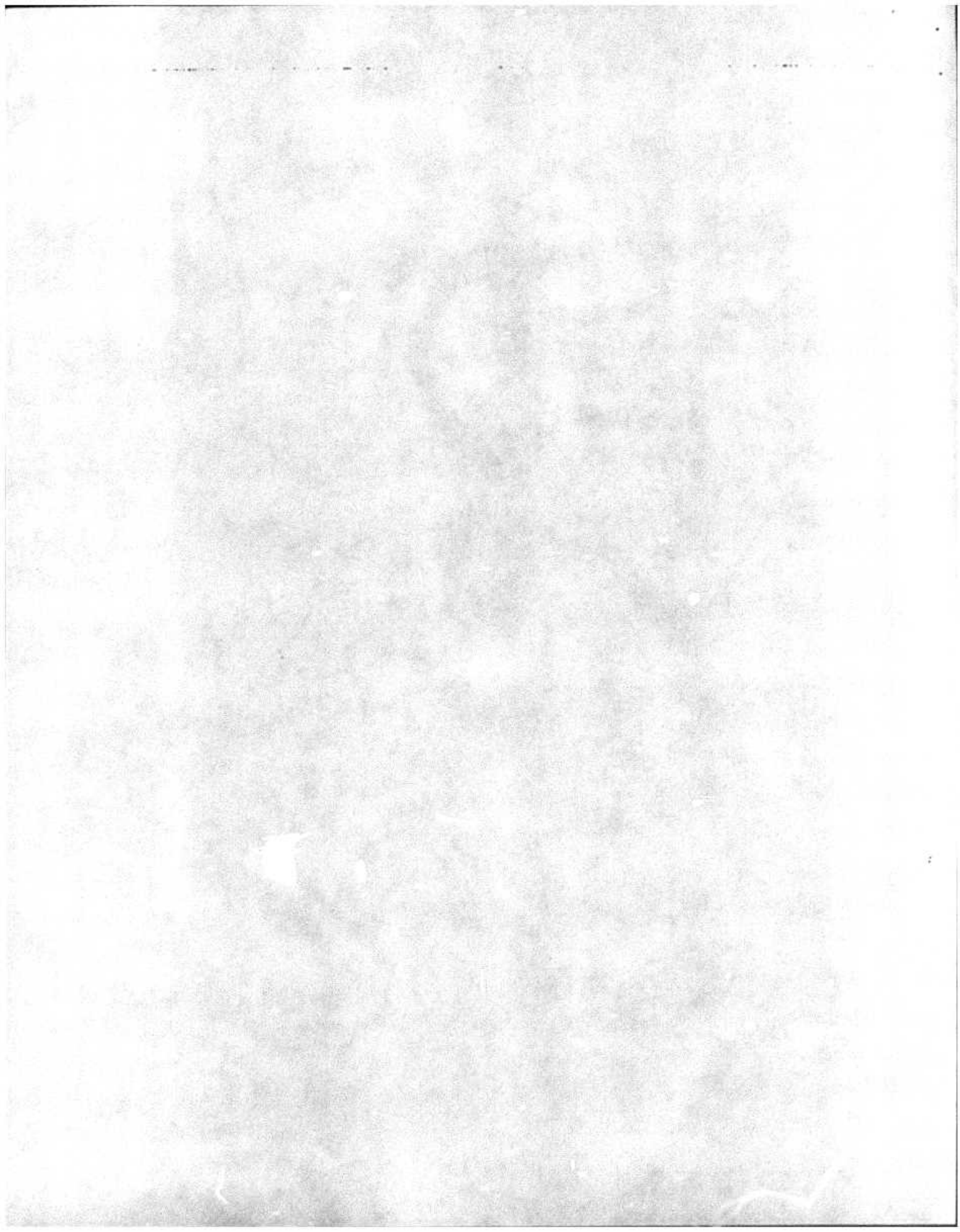
10038
(Zip Code)

Registrant's telephone number, including area code: (212) 233-4500

Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months, (or for such shorter period that the Registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes X No

Number of common shares outstanding as of May 8, 1996: 41,909,640



Consolidated Technology Group, Ltd.
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Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Balance Sheets
(dollars in 000's)

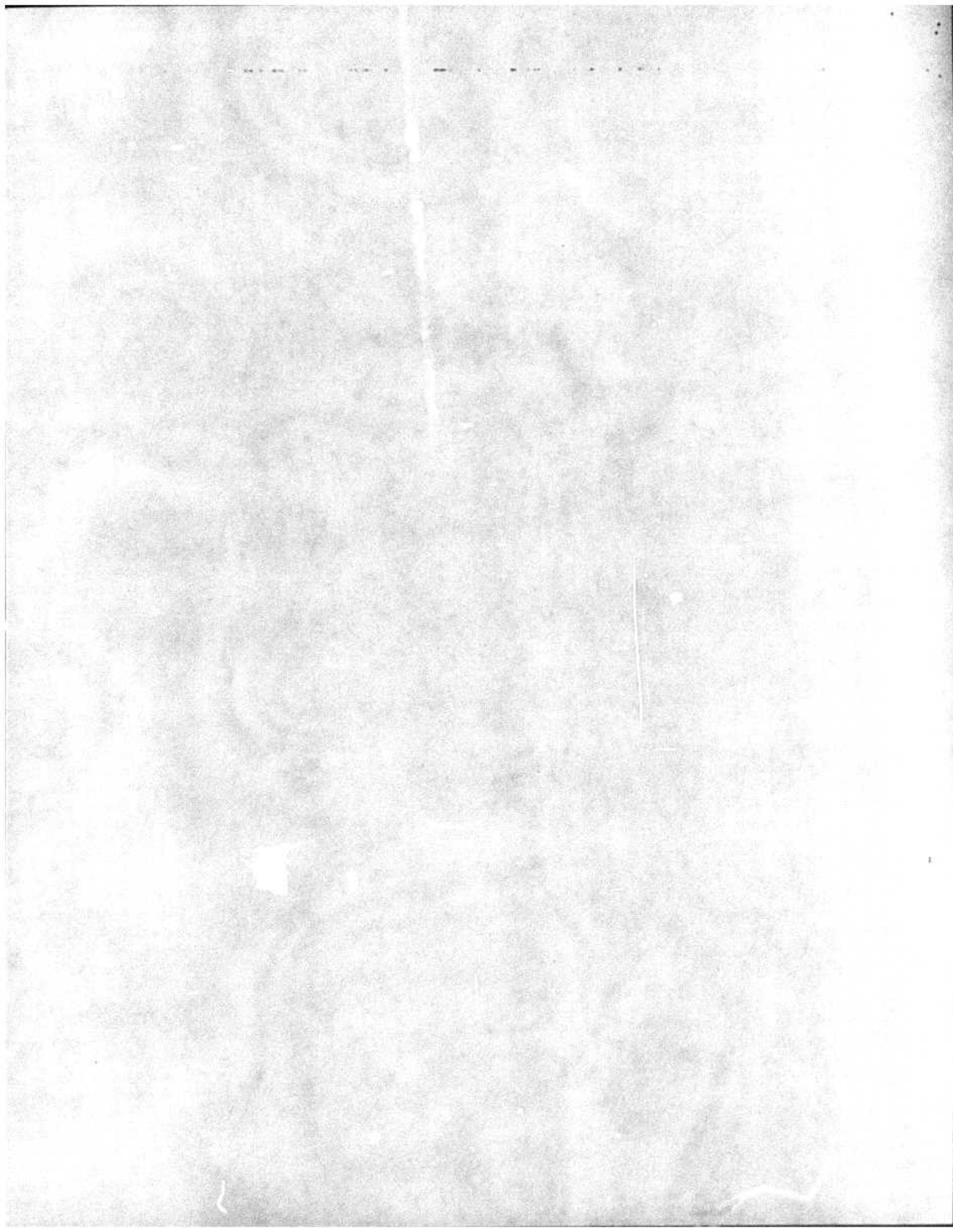
	March 31, 1996	December 31, 1995
	-----	-----
Assets:		
Current assets:		
Cash and cash equivalents	\$ 1,546	\$ 1,636
Receivables, net of allowances	21,169	19,216
Inventories	3,636	3,701
Loans receivable	398	396
Prepaid expenses and other current assets	810	436
Excess of accumulated costs over related billings	1,110	1,002
Investments in common stock	--	20
	-----	-----
Total current assets	28,669	26,407
	-----	-----
Property, plant and equipment, net	11,278	11,034
	-----	-----
Other assets:		
Capitalized software development costs	451	502
Goodwill, net	11,533	11,881
Covenant not to compete, net	1,848	2,168
Customer lists, net	11,461	11,684
Deferred offering costs	114	--
Receivables, long-term	217	219
Receivables, related parties	628	544
Trademark, net	379	383
Investments in common stock, long-term	776	405
Other Assets	1,174	1,088
	-----	-----
Total other assets	28,581	28,871
	-----	-----
Total Assets	\$68,528	\$66,312
	=====	=====

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Balance Sheets
(dollars in 000's)

	March 31, 1996	December 31, 1995
Liabilities and Shareholders' Equity:		
Current liabilities:		
Accounts payable and accrued expenses	\$10,212	\$11,095
Accrued payroll and related expenses	5,064	2,332
Accrued interest	392	284
Income taxes payable	344	269
Interim billings in excess of costs and estimated profits	1,316	1,701
Notes payable, related parties	279	290
Current portion of long-term debt	8,367	9,080
Current portion of subordinated debt	4,589	13,354
Current portion of capitalized lease obligations	1,286	1,362
Total current liabilities	31,849	39,767
Long-term liabilities:		
Long-term debt	13,709	6,210
Capitalized lease obligations	1,949	2,198
Subordinated debt	7,434	5,003
Total long-term liabilities	23,092	13,411
Minority interest	2,361	2,087
Shareholders' Equity:		
Preferred stock	42	70
Additional paid-in capital, preferred stock	155	266
Common stock (50,000,000 shares authorized, 35,290,664 and 26,655,071 shares issued and outstanding as of March 31, 1996 and December 31, 1995, respectively)	353	267
Additional paid-in capital, common stock	51,574	51,020
Accumulated deficit	(41,127)	(40,648)
Unrealized gain (loss) on exchange translation	23	(17)
Net unrealized gain on long-term investments in common stock	206	89
Total shareholders' equity	11,226	11,047
Total Liabilities and Shareholders' Equity	\$68,528	\$66,312

See notes to consolidated financial statements.



Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statement of Operations
(dollars in 000's except per share data)

	Three Months Ended March 31,	
	1996	1995
Revenues	\$26,513	\$28,410
Direct Costs	20,699	23,327
Gross Profit	5,814	5,083
Selling, General and Administrative	5,747	6,396
Income (loss) from operations	67	(1,313)
Other Income (Expense):		
Interest Expense	(963)	(984)
Other Income	164	78
Gain (Loss) from Security Sales	37	(120)
Total Other Expense- Net	(762)	(1,026)
Loss Before Income Taxes and Minority Interest	(695)	(2,339)
Income Taxes	(76)	(44)
Minority Interest in (Gain) Loss of Subsidiaries	292	(5)
Net Loss	(\$ 479)	(\$ 2,388)
Loss per Common Share	(\$0.01)	(\$0.13)
Weighted Average Number of Common Shares	33,671,873	18,766,149

See notes to consolidated financial statements.

Consolidated Technology Group Ltd.-and-Subsidiaries
Consolidated Statements of Shareholders' Equity for the
Three Months Ended March 31, 1996
(dollars in 000's)

	Shares	Amounts
	-----	-----
Preferred stock, \$1.00 par value, 6%		
Series A 77,713 shares authorized:		
Beginning balance	66,596	\$ 67
Conversion of Series A to common stock	(27,921)	(28)
	-----	-----
Ending balance	38,675	\$ 39
	=====	=====
Preferred stock, \$1.00 par value, \$3.50 and \$.10		
Series B & E 8,000 shares authorized each:		
Beginning balance	262	\$ 1
	=====	=====
Ending balance	262	\$ 1
	=====	=====
Preferred stock, \$1.00 par value, \$8.00		
subordinated Series F, 6,000 shares authorized:		
Beginning balance	2,700	\$ 2
	=====	=====
Ending balance	2,700	\$ 2
	=====	=====
Total preferred stock - par	41,637	\$ 42
	=====	=====
Additional paid-in capital, preferred stock:		
Beginning balance		\$ 266
Conversion of Series A to common stock		(111)

Ending balance		\$ 155
		=====
Common stock, \$0.01 par value,		
50,000,000 shares authorized:		
Beginning balance	26,655,071	\$ 267
Issuance for offerings	5,000,000	50
Conversion of Series A preferred	3,635,593	36
	-----	-----
Ending balance	35,290,664	\$ 353
	=====	=====
Additional paid-in capital, common stock:		
Beginning balance		\$51,020
Issuance for offerings		450
Conversion of Series A preferred		104

Ending balance		\$51,574
		=====

(continued)

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statements of Shareholders' Equity for the
Three Months Ended March 31, 1996
(dollars in 000's)

	Shares	Amounts
	-----	-----
Accumulated deficit:		
Beginning balance		(\$40,648)
Net loss		1,479

Ending balance		(\$41,127)
		=====
Unrealized exchange translation:		
Beginning balance		(\$ 17)
Unrealized gain on exchange translation		40

Ending balance		\$ 23
		=====
Net unrealized gain (loss) on long-term investments in common stock:		
Beginning balance		\$ 89
Net unrealized investment security gains		117

Ending balance		\$ 206
		=====
Total shareholders' equity		\$11,226
		=====
		(concluded)

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statement of Cash Flows
(dollars in 000's)

	Three Months Ended March 31,	
	1996	1995
Cash Flows from Operating Activities:		
Net loss	(\$ 479)	(\$ 2,388)
Adjustments to reconcile net loss to net cash provided by operating activities:		
Depreciation and Amortization	1,626	1,591
Write-off goodwill	192	
Loss on disposal of assets	99	--
Minority interest in loss of consolidated subsidiaries	(292)	--
Bad debt expense	238	232
Option exercise expense	--	740
Noncash expenses paid with the issuance of stock	--	67
(Gain) loss on marketable securities	(37)	120
Change in current assets and current liabilities:		
(Increase) decrease in current assets:		
Receivables	(2,191)	137
Inventories	65	(11)
Prepaid expenses and other current assets	(374)	314
Excess of accumulated costs over related billings	(108)	--
Increase (Decrease) in current liabilities:		
Accounts payable and accrued expenses	(833)	686
Accrued payroll and related expenses	2,732	712
Accrued interest	108	3
Income taxes payable	75	--
Interim billings in excess of costs and estimated profits	(385)	(655)
Total adjustments	865	3,936
Net cash provided by operating activities	386	1,548
Cash Flows from Investing Activities:		
(Increase) decrease in other assets	105	105
Capital expenditures	(1,176)	(174)
Investments in common stock	(325)	--
Proceeds from sale of marketable securities	128	165
Capitalized software development costs	(1)	(63)
Payments for loans made	(1,011)	(122)
Collections for repayment of loans made	926	77
Net cash used in investing activities	(1,354)	(12)

(continued)

See notes to consolidated financial statements.

Consolidated Technology Group Ltd. and Subsidiaries
Consolidated Statement of Cash Flows
(dollars in 000's)

	Three Months Ended March 31,	
	1996	1995
Cash Flows from Financing Activities:		
Deferred offering costs	(114)	(15)
Net payments to factor	(1,179)	--
Proceeds from issuance of long-term debt	9,001	--
Repayment of long-term debt	(1,046)	(690)
Repayment of subordinated debt	(6,333)	(656)
Payments on capital leases	(326)	(278)
Issuance of common stock	500	--
Subsidiary's issuance of common stock	375	--
Exercise of stock options	--	725
	-----	-----
Net cash provided by (used in) financing activities	878	(914)
	-----	-----
Net Increase (Decrease) in Cash and Cash Equivalents	(90)	622
Cash and Cash Equivalents at Beginning of Period	1,636	1,727
	-----	-----
Cash and Cash Equivalents at End of Period	\$ 1,546	\$ 2,349
	=====	=====
Supplemental Disclosures of Cash Flow Information:		
Cash Paid for:		
Interest	\$ 855	\$ 981
	=====	=====
Income Taxes	\$ --	\$ --
	=====	=====

(concluded)

Supplemental Disclosures of Noncash Investing and Financing Activities:

During the three month period ended March 31, 1995:

- (1) - Acquired equipment under capital lease obligations with a net present value of \$39.
- (2) - Issued stock options and received exercise proceeds of \$725 and incurred noncash deferred consulting fees of \$1,235 and noncash consulting fee expenses of \$740.

See notes to consolidated financial statements.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(dollars in 000's)

(1) In the opinion of the Company, the accompanying unaudited financial statements contain all adjustments (consisting of only normal recurring accruals) necessary to present fairly the financial position of the Company as of March 31, 1996 and December 31, 1995 and the results of its operations and changes in cash flows for the three months ended March 31, 1996 and 1995.

(2) The accounting policies followed by the Company are set forth in Note 1 to the Company's financial statements in the December 31, 1995 Form 10-K.

(3) The results of operations for the three months ended March 31, 1996 and 1995 are not necessarily indicative of the results to be expected for the full year.

(4) Loss Per Share - Loss per share is computed by dividing the net loss for the period by the weighted average number of common shares outstanding. For purposes of computing weighted average number of common shares outstanding the Company has common stock equivalents consisting of stock options and warrants and Series "A" Preferred Convertible Stock. The Series "A" Preferred Stock was deemed to be a common stock equivalent when issued. The common stock equivalents are assumed converted to common stock, when dilutive. During periods of operations in which losses were incurred, common stock equivalents were excluded from the weighted average number of common shares outstanding because their inclusion would be anti-dilutive.

(5) Industry Segments:

The Company currently classifies its operations into eight business segments: (i) Contract Engineering Services consists of subsidiaries that provide engineers, designers and technical personnel on a temporary basis pursuant to contracts with major corporations; (ii) Medical Diagnostics consists of a subsidiary that performs magnetic resonance imaging and other medical diagnostic services; (iii) Electro-Mechanical and Electro-Optical Products Manufacturing consists of subsidiaries that manufacture and sell products such as devices that measure distance and velocity, instrumentation devices, debit card vending machines and industrial lighting products; (iv) Medical Information Services consists of subsidiaries that provide medical information database services, health care industry related software packages and the CarteSmart medical identification cards and related software program; (v) Telecommunications consists of a subsidiary that, among other things, installs telephonic network systems and buys and resells local telephone service; (vi) Three Dimensional Products and Services consists of subsidiaries that provide three dimensional imaging services that are used in a variety of applications, such as proto-type building and reverse engineering; (vii) Audio Visual Manufacturing and Services consists of a subsidiary that manufactures and sells a professional line of loudspeakers, and (viii) Business Consulting Services consists of subsidiaries that provide a variety of financial and business related services. Corporate and Other consists of the operating activities of the holding company entities. Intersegment sales and sales outside the United States are not material. Information concerning the Company's business segments is as follows:

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(dollars in 000's)

(5) Industry Segments (continued):

Segments:	Three Months Ended March 31,	
	1996	1995
Revenues:		
Contract Engineering Services	\$13,471	\$17,800
Medical Diagnostics	8,114	7,027
Electro-Mechanical and Electro-Optical Products Manufacturing	649	1,171
Medical Information Services	2,561	1,427
Telecommunications	742	390
Three Dimensional Products and Services	298	589
Audio Visual Manufacturing and Services	671	--
Business Consulting Services	7	6
Total Revenues	\$26,513 =====	\$28,410 =====
Gross Profit:		
Contract Engineering Services	\$ 834	\$ 612
Medical Diagnostics	3,841	3,393
Electro-Mechanical and Electro-Optical Products Manufacturing	94	363
Medical Information Services	662	369
Telecommunications	40	57
Three Dimensional Products and Services	200	283
Audio Visual Manufacturing and Services	137	--
Business Consulting Services	6	6
Total Gross Profit	\$ 5,814 =====	\$ 5,083 =====
Income (Loss) from Operations:		
Contract Engineering Services	(\$ 254)	(\$ 294)
Medical Diagnostics	1,883	1,496
Electro-Mechanical and Electro-Optical Products Manufacturing	(169)	(4)
Medical Information Services	202	(436)
Telecommunications	(280)	(214)
Three Dimensional Products and Services	(450)	(415)
Audio Visual Manufacturing and Services	(143)	--
Business Consulting Services	(9)	(6)
Corporate and other	(713)	(1,440)
Total Income (Loss) from Operations	\$ 67 =====	(\$ 1,313) =====

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(dollars in 000's)

(5) Industry Segments (continued):

Segments:	Three Months Ended March 31,	
	1996	1995
Net Income (Loss):		
Contract Engineering Services	(\$ 324)	\$ (574)
Medical Diagnostics	1,196	833
Electro-Mechanical and Electro-Optical Products Manufacturing	(171)	(4)
Medical Information Services	88	(467)
Telecommunications	(301)	(222)
Three Dimensional Products and Services	(218)	(416)
Audio Visual Manufacturing and Services	(158)	--
Business Consulting Services	(9)	(8)
Corporate and other	(582)	(1,530)
Total Net Income (Loss)	(\$ 479)	(\$ 2,388)
	=====	=====
Depreciation and Amortization:		
Contract Engineering Services	\$ 114	\$ 128
Medical Diagnostics	1,242	1,253
Electro-Mechanical and Electro-Optical Products Manufacturing	16	8
Medical Information Services	109	132
Telecommunications	8	8
Three Dimensional Products and Services	90	59
Audio Visual Manufacturing and Services	41	--
Business Consulting Services	1	1
Corporate and other	5	2
Total Depreciation and Amortization	\$ 1,626	\$ 1,591
	=====	=====
Capital Expenditures:		
Contract Engineering Services	\$ 19	\$ 11
Medical Diagnostics	1,121	47
Electro-Mechanical and Electro-Optical Products Manufacturing	--	4
Medical Information Services	20	4
Telecommunications	--	--
Three Dimensional Products and Services	--	90
Audio Visual Manufacturing and Services	12	--
Business Consulting Services	--	--
Corporate and other	4	18
Total Capital Expenditures	\$ 1,176	\$ 174
	=====	=====

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(dollars in 000's)

(5) Industry Segments (continued):

Segments:	At March 31,	
	1996	1995
Identifiable Assets:		
Contract Engineering Services	\$ 7,421	\$10,287
Medical Diagnostics	42,362	39,989
Electro-Mechanical and Electro-Optical Products Manufacturing	3,716	4,352
Medical Information Services	7,545	5,929
Telecommunications	1,257	1,094
Three Dimensional Products and Services	1,114	2,330
Audio Visual Manufacturing and Services	1,731	--
Business Consulting Services	257	261
Corporate and other	3,125	2,279
Total Identifiable Assets	\$68,528	\$66,521
	=====	=====

(6) Equity:

Conversion of Series A Preferred Stock - During the three months ended March 31, 1996, the Company issued 3,635,593 shares of common stock upon the conversion of 27,921 shares of series A preferred stock.

Regulation S Offerings - Pursuant to an offering in January 1996 made under Regulation S of the Securities Act of 1933, the Company received net proceeds of \$500 in conjunction with the issuance of 5,000,000 shares of common stock.

(7) Reverse Merger:

On May 8, 1995 SIS Capital Corp. ("SISC"), a wholly-owned subsidiary of the Company, transferred all of its equity ownership in Trans Global Services, Inc. ("Trans Global") to Concept Technologies Group, Inc. ("Concept"), pursuant to an agreement dated as of March 31, 1995, among SISC, DLB, Inc. ("DLB"), Joseph G. Sicinski and Concept in exchange for a controlling interest in Concept. Concept's common stock and warrants are traded on the Nasdaq SmallCap Market. Trans Global's common stock was owned by SISC (91.6%), DLB (5.0%) and Mr. Sicinski (3.4%). DLB is owned by Ms. Carol Schiller, wife of Mr. Lewis S. Schiller, the Company's chairman of the board, president and chief executive officer. Mr. Schiller disclaims all beneficial interest in the securities owned by DLB. The acquisition by Concept of the Trans Global stock in exchange for Concept's capital stock is referred to as the "Trans Global Transaction".

Pursuant to the Trans Global Transaction:

(i) - Warrants to purchase an aggregate of 500,000 shares of Trans Global common stock held by SISC (475,000 shares) and DLB (25,000 shares) were

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(dollars in 000's)

(7) Reverse Merger (continued):

exchanged for Series B Common Stock Purchase Warrants ("Series B Warrants") to purchase an aggregate of 500,000 shares of Common Stock until May 5, 1997.

(ii) - Concept issued to SISC 850,000 shares of Common Stock, Series B Warrants to purchase 475,000 shares of Common Stock at \$3.50 per share, 23,750 shares of Series A Preferred Stock, which will be converted into 1,900,000 shares of Common Stock upon the filing of the Certificate of Amendment, 23,750 shares of each of Series B and C Preferred Stock, which are convertible into an aggregate of 2,375,000 shares of Common Stock if certain levels of income before income tax are met, and 25,000 shares of Concept's Series D Preferred Stock, which is not convertible and which has a redemption price of approximately \$1,700. SISC has deferred taking the physical delivery of 400,000 of the shares of Common Stock issuable in order to provide Concept with flexibility in issuing shares of Common Stock.

(iii) - Concept issued to DLB in respect of its Trans Global stock and warrants, 50,000 shares of Common Stock, Series B Warrants to purchase 25,000 shares of Common Stock, 1,250 shares of Series A Preferred Stock, which are convertible into 100,000 shares of Common Stock upon the filing of the Certificate of Amendment, and 1,250 shares of each of Series B and C Preferred Stock, which are convertible into an aggregate of 125,000 shares of Common Stock if certain levels of income before income taxes are attained.

(iv) - Concept issued to Mr. Sicinski, 100,000 shares of Common Stock.

As a result of the Trans Global Transaction, SISC owned, at the closing, approximately 32.2% of the outstanding Common Stock, and 59.3% of the voting rights on all matters, including the election of directors, except where the holders of Common Stock are required by law to vote as a single class. Upon the filing of the Certificate of Amendment, based on outstanding Common Stock as of the closing date, SISC would own 59.3% of the outstanding Common Stock.

(8) Pro Forma Results:

The following pro forma unaudited results assume that the reverse merger in Note (7) had occurred at the beginning of the indicated periods:

	Three Months Ended March 31,	
	1996	1995
Net revenues	\$ 26,513	\$ 29,000
Net income (loss)	(\$ 479)	\$ (1,987)
Income (loss) per share	(\$ 0.01)	\$ (0.11)

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(dollars in 000's)

(8) Pro Forma Results (continued):

The pro forma information is not necessarily indicative of either the results of operations that would have occurred had the acquisition been effective at the beginning of the indicated periods or of the future results of operations.

(9) Subsequent Events

Regulation S Offerings:

Pursuant to an offering in April 1996 made under Regulation S of the Securities Act of 1933, the Company received net proceeds of \$250 in conjunction with the issuance of 5,000,000 shares of common stock.

Conversion of Series A Preferred Stock:

From the period April 1, 1996 through May 8, 1996, the Company issued approximately 1,418,976 shares of common stock upon the conversion of 23,650 shares of series A preferred stock.

Non-Employee Directors, Consultants and Advisors Stock Options:

On August 20, 1993, the Company authorized a stock option plan for Non-Employee Directors, Consultants and Advisors to provide compensation for services rendered to the Company in lieu of cash payments. Pursuant to the plan during April 1996, 200,000 shares were issued for no cash consideration, resulting in \$45 of consulting costs computed as follows:

Shares	200,000
Value of stock at date of grant	\$0.28125

Full value of stock	56
20% discount	(11)

Discounted value of stock	45
Exercise proceeds	--

Total consulting costs	45
	=====

Sale of Common Stock Investments to an Officer:

During April 1996, the chief executive officer of the Company exercised an option to purchase common stock investments held by the Company at 110% of the book value of such investments. The purchase of such investments was consummated in a noncash transaction and such officer is to issue a note in favor of the Company without interest and payable within five years from the date of the purchase. Total receivables outstanding under such sale approximates \$445 of which \$72 relates to such exercises that occurred during the year ended December 31, 1995.

Consolidated Technology Group, Ltd. and Subsidiaries
Notes to Consolidated Financial Statements
(dollars in 000's)

(9) Subsequent Events (continued):

Restated Employment Agreement:

During May 1996, the chief executive officer's ("CEO") employment contract was restated, effective as of January 1996, and supersedes the contract dated October 1, 1994. Per the terms of the amended contract the CEO shall receive a salary of \$250 per year through the year 2000, the expiration date of the contract. The annual compensation may be increased from time to time by the Board of Director's of the Company and commencing January 1, 1996 and on each January 1 thereafter during the term of the contract, the CEO shall receive an increase in annual compensation equal to the greater of (A) 5% of his salary in effect prior to the increase or (B) the cost of living increase as determined per the Consumers Price Index as published by the Bureau of Labor Statistics of the United States Department of Labor. In addition, the CEO is entitled to a bonus equal to 10% of the amount by which the greater of (A) the Company's consolidated income before taxes, determined in accordance with generally accepted accounting principles or (B) the Company's consolidated net cash flow exceeds \$350. Net cash flow is calculated as consolidated net income, plus depreciation, amortization and other noncash items of expense, minus payments of principal amounts of indebtedness, all determined in accordance with generally accepted accounting principles. Additional benefits to be received by the CEO include: (a) four weeks paid vacation; (b) disability insurance providing for the payment to the CEO of a minimum of 60% of his salary; (c) life insurance with a face value of \$2,000, payable to the CEO's designated beneficiary; (d) health, vision and dental insurance; and (e) an automobile to be provided to the CEO by the Company. Furthermore, the restated employment agreement confirms the grant to the CEO of option to purchase 10% of any equity interest now held by the Company or any of its subsidiaries. The option shall be exercisable during the 5 year period commencing on the later of the date of this agreement or the date the Company acquires the securities. The exercise price of the option shall be equal to 110% of the Company's cost of such securities as determined in accordance with generally accepted accounting principles. Payment of the option exercise price shall be made by the CEO within 5 years from the date of the exercise, without interest.

.....

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (dollars in 000's)

FINANCIAL CONDITION

LIQUIDITY:

As of December 31, 1995, it was determined that the ability of the Company to continue as a going concern was dependent upon the success of the Company's subsidiary's marketing efforts and their efforts to obtain sufficient funding to enable them to continue operations. Management believes that the Company has made progress in achieving these goals during the quarter based on the following:

Improved Operating Results:

The Company has a significant reduction in loss for the 1996 quarter compared to 1995 in six of the eight segments and also shows a significant reduction in corporate and other expenses. On an overall basis, the net loss for the quarter was \$1,909 less than in the prior comparable period.

Debt Refinancing:

In January 1996, the Company refinanced a significant portion of the current subordinated debt that was to be paid in 1996. Such financing consisted of a term loan of \$2,000, a revolver loan of \$6,000 and the extension of approximately \$7,600 of subordinated balloon payments from a 1996 due date to a 2001 due date. At the time of the refinancing, the effect was a reduction of current debt of approximately \$8,363.

Improved Working Capital Condition:

As of December 31, 1995, the Company had a working capital deficit of \$13,360. As of March 31, 1996, this working capital deficit has been reduced to \$3,180, in large part to the aforementioned debt refinancing. The Company's continued ability to reduce the working capital deficit relies primarily on the success of continuing efforts to increase the profitability of the underlying subsidiaries and a proposed additional refinancing of current debt which would result in a shift \$4,000 of current debt, due in September 1996, to a long-term maturity in the Medical Diagnostics segment. As further explained in the following "Sources of Cash" discussion, restrictions exist with regards to the Company's use of the Medical Diagnostics segment's cash.

Proposed Equity Offerings:

The Company currently has filed a registration statement for the sale of securities of a subsidiary in the medical services segment. Such subsidiary received a loan of \$500 during the quarter with respect to a proposed offering which is payable in January of 1997 or earlier at the completion of the offering. Additionally, a subsidiary operating in the contract engineering services segment (which is already publicly held), has received a letter of intent to raise additional capital. No assurances can be given, however, that such offerings will be ultimately consummated.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (dollars in 000's)

FINANCIAL CONDITION:

LIQUIDITY (continued):

CAPITAL RESOURCES:

Sources of Cash:

The Company's principal working capital consists of cash and cash equivalents. Cash and cash equivalents were \$1,546 at March 31, 1996 compared to \$1,636 at December 31, 1995. During the three months ended March 31, 1996, the Company's operations generated \$386 of cash from operations of which the medical diagnostics segment company, International Magnetic Imaging, ("IMI") generated approximately \$275 from operations while the remaining segments generated approximately \$111 from operations. Pursuant to an IMI financing agreement with a creditor, restrictions exist on the distributions of IMI funds whereby IMI may not make payments out of the ordinary course of IMI operations and specifically, not to the parent company, (Consolidated), or any subsidiary or affiliate. The other segments are thereby required to operate on their own cash flows and as of March 31, 1996 the most significant impact from these restrictions is on the Three Dimensional Products and Services segment which is currently unable to operate without cash infusions from the parent company, (Consolidated). It is imperative that this segment obtain alternative sources of funding (i.e. equity offerings, creditor financing or increased volume), in order to continue as an operating segment. The remaining segments were relatively unaffected by the restrictions on IMI's cash since they operated substantially with their own cash flows. Other significant sources of cash includes proceeds from the issuance of long-term debt of \$9,001, proceeds from the issuance of stock of \$875, collections on repayments of notes receivable of \$926 and proceeds from the sale of marketable securities of \$128.

Uses of Cash:

Uses of cash includes the repayment of long-term and subordinated debt of \$7,379, capital expenditures of \$1,176, payments on capital leases of \$326, advances on notes receivables of \$1,011, purchases of investments of \$325 and net repayments to factors of \$1,179. Other net sources and uses of cash amounted to \$10.

Changes in Other Working Capital Assets and Liabilities:

The other significant changes in working capital includes an increase in accounts receivable of \$2,191 (primarily from increased revenues of the medical diagnostics segment) and an increase in accounts payable, accrued expenses and accrued payroll and related expenses of approximately \$1,849 (primarily from an increase in payroll and payroll related obligations of the contract engineering services segment).

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (dollars in 000's)

FINANCIAL CONDITION:

CAPITAL RESOURCES (continued):

Effect of Loan Defaults:

The Company is in default on loans approximating \$1,000 as of March 31, 1996. Such defaults have not had, and are not expected to have a significant impact on the operations of the related segments. The creditors have not called such loans and are working under extended repayment terms.

RESULTS OF OPERATIONS:

Consolidated operating profits increased by \$1,380 from an operating loss of \$1,313 for the 1995 quarter to operating income of \$67 for the 1996 quarter. This improvement in operating results was achieved by an increase in overall gross margins of \$731 and a reduction in operating costs of \$649. Such advances in profitability were achieved in spite of a \$1,897 decrease in revenues. The decrease in revenues is attributed to the contract engineering services segment which on January 1, 1996 lost a contract with one of its significant customers. By the end of the quarter this segment had recovered approximately 60% of such lost revenues with new customers. This segments decline in revenues was partially offset by revenues in the audio visual manufacturing and services segment which was not a part of the Company's operations in the 1995 quarter. On an overall basis, the consolidated net loss for the 1996 quarter compared to 1995 decreased by \$1,909 or 80%.

The percentage of relative contribution to revenues, gross profit, and selling general and administrative expenses by industry segment is shown in the following tables. Changes within the individual industry segments themselves is discussed further within the respective industry segment discussions.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (dollars in 000's)

RESULTS OF OPERATIONS (continued):

Segments	Three Months Ended March 31,	
	1996	1995
Revenues:		
Contract Engineering Services	50%	62%
Medical Diagnostics	30%	25%
Electro-Mechanical and Electro-Optical Products Manufacturing	2%	4%
Medical Information Services	10%	5%
Telecommunications	3%	1%
Three Dimensional Products and Services	1%	2%
Audio Visual Manufacturing and Services	3%	--
Business Consulting Services	1%	1%

Segments	Three Months Ended March 31,	
	1996	1995
Gross Profit:		
Contract Engineering Services	14%	12%
Medical Diagnostics	66%	66%
Electro-Mechanical and Electro-Optical Products Manufacturing	2%	7%
Medical Information Services	11%	7%
Telecommunications	1%	1%
Three Dimensional Products and Services	3%	6%
Audio Visual Manufacturing and Services	2%	--
Business Consulting Services	1%	1%

Segments	Three Months Ended March 31,	
	1996	1995
Selling, General and Administrative Expenses:		
Contract Engineering Services	19%	14%
Medical Diagnostics	34%	29%
Electro-Mechanical and Electro-Optical Products Manufacturing	5%	6%
Medical Information Services	8%	13%
Telecommunications	6%	4%
Three Dimensional Products and Services	11%	10%
Audio Visual Manufacturing and Services	5%	--
Business Consulting Services	1%	1%
Corporate and Other	11%	23%

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (dollars in 000's)

RESULTS OF OPERATIONS (continued):

Discussion of Operations by Segment:

(References to 1996 and 1995 correspond to the three month periods then ended)

Contract Engineering Services - This segment is engaged in the business of providing engineers, designers and technical personnel on a temporary basis to major corporations. Comparing 1996 to 1995, revenues decreased 24% while gross margins increased 36%. The decrease in revenues is attributed to the loss of a contract on January 1, 1996, from one of the segment's significant customers. By the end of the quarter, the segment had recovered approximately 60% of the lost revenue. The increase in the gross margin is due to the fact that the remaining customers, as well as the newly acquired customers, generated higher margins than the significant customer that was lost. Selling, general and administrative expenses increased 20%. This increase primarily resulted from \$250 in accrued penalties on late payroll tax withholding obligations and \$80 of noncash expenses associated with the issuance of stock for consulting services. Other income and expense items decreased 75% as a result of lower interest expense from more favorable financing terms than those that existed in the prior period. Management believes that with this segment's current selling, general and administrative structure, it can improve its operating results through revenue growth. However, such growth is inherently dependent upon its ability to obtain adequate funding and accordingly, no assurance can be given about the ultimate profitability of this segment.

Medical Diagnostics - This segment is engaged in the business of performing MRI and other diagnostic modality procedures in the health industry. Comparing 1996 to 1995 revenues and gross margins increased 16% and 13%, respectively. The increase in revenues is due to increases in scan procedure volume which was partially offset by decreasing reimbursement rates. Selling, general and administrative expenses remained relatively level, increasing only 3%. Other income and expense items remained relatively level and net income increased by 44% as a result of maintaining level operating costs while revenues were increasing. Typically, this segment has its greatest revenue activity in the first quarter and management anticipates that revenues and gross margin in the remaining quarters of 1996 will be moderately less while operating expenses will remain relatively level, which is consistent with the past performance of this segment.

Electro-Mechanical and Electro-Optical Products Manufacturing - This segment consists of three companies, Sequential Electronic Systems, ("Sequential"), which manufactures optical encoders, encoded motors and limit programmers, S-Tech, which manufactures debit card vending machines and various avionics instrumentation devices and Televend which markets telephone debit cards and certain products manufactured by S-Tech. Comparing 1996 and 1995, revenues and gross profit decreased 44% and 74%, respectively. The significant decrease in revenues and gross margins is attributed to the government shutdown that effected the 1996 quarter which resulted in the segment not being able to ship orders to defense department customers. Gross margins went from 30% of revenues in 1995 to 15% of revenues in 1996 which was primarily a result of decreased volume from the government shutdown that occurred in the second half of 1995 which impacted shipments in 1996, while certain inherent

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (dollars in 000's)

RESULTS OF OPERATIONS (continued):

fixed costs were still incurred. Selling, general and administrative expenses decreased 28% which was the result of planned cutbacks in such costs. Net losses increased from \$4 for 1995 to \$171 for 1996, which again is primarily attributed to the decrease to government sector sales. Management has placed more emphasis on sales to the private sector through the marketing of the debit card vending machines and the telemarketing efforts of Televend. Management anticipates that revenues and profitability will improve in the remaining quarters of 1996 if the proper financing is found, but is currently unable to estimate the amount of such improvement.

Medical Information Services - This segment is engaged in developing, marketing and supporting computer software designed to enable health service as well as financial related organizations to provide a range of services in a network computing environment. This segment has developed proprietary network technology utilizing smart cards in financial network systems. Comparing 1996 to 1995, revenues and gross margins increased 79% and 80%, respectively, while selling, general and administrative expenses decreased 43%. During the prior period this segment had relied primarily on revenues of previously existing customers and software programs and services. During 1996, the segment has increased its revenues and gross margins through contracts with new customers using the new technologies that it has spent significant amounts of money in the past developing. These positive developments resulted in income from operations of \$202 in 1996 compared to operating losses of \$467 in 1995. These gains in operating profitability were partially offset by an increase in interest expense of \$83 which is due to additional debt, of which \$500 was incurred during 1996. Although no assurances can be made that profitable operations will continue in this segment, management currently estimates that this segment will continue to outperform the prior years operating results.

Telecommunications - This segment is engaged in the business of marketing a wide range of telecommunications services including the design and implementation of telecommunications programs in addition to reselling local line service. Comparing 1996 to 1995, revenues increased 90% while gross margins decreased 30%. During 1996, this segment's revenues consisted of a greater proportion of network installations which generate lower margins than the reselling of phone services. Selling, general and administrative expenses remained relatively level while net losses increased \$80. The telecommunications segment operates in a highly competitive industry and management believes that in order for this segment to become profitable, it will have to distinguish itself from other telecommunications service companies. Additionally, this segment needs to significantly increase its volume in order to cover its operating costs. This segment currently has a backlog of approximately \$4,000, and management estimates that revenues will increase throughout the remainder of the year, and if operating costs are maintained at the current level, this segment could breakeven during the fourth quarter.

Three Dimensional Products and Services - This segment is engaged in the business of developing and marketing products and services in the three dimensional imaging and digitizing technology which the segment categorizes in three primary market groups: 1) surfacer imaging products, 2) CAD/CAM software

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (dollars in 000's)

RESULTS OF OPERATIONS (continued):

products and services and 3) laser scanning products. Comparing 1996 to 1995, revenues and gross margins decreased 49% and 30%, respectively. The primary reason for such decreases is due to the closure of one of the companies operating in this segment which produced revenues and gross margins in 1995 of \$185 and \$35, respectively. The decision to close such operations was based on the fact that such companies operations did not align with the planned future for this segment and was not producing margins at a level sufficient to cover its operating costs. Selling, general and administrative expenses remained relatively level, however, the 1996 expenses includes \$192 in noncash expense for the write-off of goodwill that could not be supported by the segment's current cash flow under generally accepted accounting principles. Excluding the goodwill write-off, ongoing expenses decreased approximately \$221 because of planned expense cut backs as well as a decrease in product development costs. On an overall basis, the net loss for 1996 was \$218 which is an improvement of \$198 from 1995. Management currently anticipates that revenues and operating profits will significantly improve for this segment if the proper financing can be obtained which would allow this segment to acquire a European partner to market and expand its existing product lines. However, no assurances can be made that such financing will be obtained and the ultimate profitability of this segment is significantly dependent on the success of such financing.

Audio Visual Manufacturing and Services - This segment is engaged in the business of manufacturing and marketing a professional line of loudspeakers. This segment was acquired during the second quarter of 1995 and therefore there is no comparable period. During 1996 this segment generated \$671 in revenues of which \$481 were from domestic sales and \$190 were from European and Far East sales. Gross margins were \$137 or 20% of revenues compared to 10% for the time period from acquisition in the second quarter of 1995 through December 31, 1995. This increase in gross margin percentage is due primarily to increased sales volume which reduced the idle capacity related to the manufacturing process. This segment continually evaluates and improves its product line and management believes that if this segment is able to find an appropriate financing package, it will be able to significantly increase its revenues and overall profitability during 1996.

Business Consulting Services operations were not significant for 1996 or 1995 and management anticipates that consulting revenues and related expenses will not be a significant portion of the Company's future operations in the near term.

Corporate and Other selling, general and administrative expenses for 1996 compared to 1995 decreased 50%. Such decrease is due primarily to noncash expense from the exercise of stock options for payment of consulting services which amounted to \$740 in 1995. Included in selling, general and administrative expenses was approximately \$80 in a bonus paid to the Company's Chief Financial Officer as a part of renegotiating the subordinated debt of the Medical Diagnostics segment. Corporate and other selling, general and administrative expense, other than that related to the exercise of stock options remained relatively level and it is currently anticipated that such costs will remain level throughout 1996. However, in the event that the

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (dollars in 000's)

RESULTS OF OPERATIONS (continued):

Company negotiates additional acquisitions, such costs would increase accordingly.

Discussion of Other Significant Financial Line Items

Interest Expense for 1996 remained relatively level compared to 1995. The Company's debt financing activity during 1996 was primarily refinancing activity which effectively extended current debt to long-term and relatively the same interest rates and therefore there was not a significant impact on the level of interest expense.

Gains and (Losses) on Investment Securities - During 1996 the Company's investment purchasing and sales activity was not significant while in 1995 the Company incurred losses on investments of \$120 which consisted primarily of the recognition of investments that were determined to have a permanent decline in market value and as such, the decline was recognized in that period. Security sales vary from period to period based on, among other things, market activity and cash needs, and management cannot estimate the amount of future security sales gains or losses, if any, that will be generated from such transactions.

Impact of Inflation

The Company is subject to normal inflationary trends and anticipates that any increased costs would be passed on to its customers.

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PART II. ~~OTHER INFORMATION~~

Item 6. Exhibits and Reports on Form 8-K

(a) Exhibits

1. EX-10.1 Restated Employment Agreement Dated January 1996 between the Company and Mr. Lewis S. Schiller.
 2. EX-11.1 Calculation of earnings per share.
 3. EX-27 Financial Data Schedule
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SIGNATURES

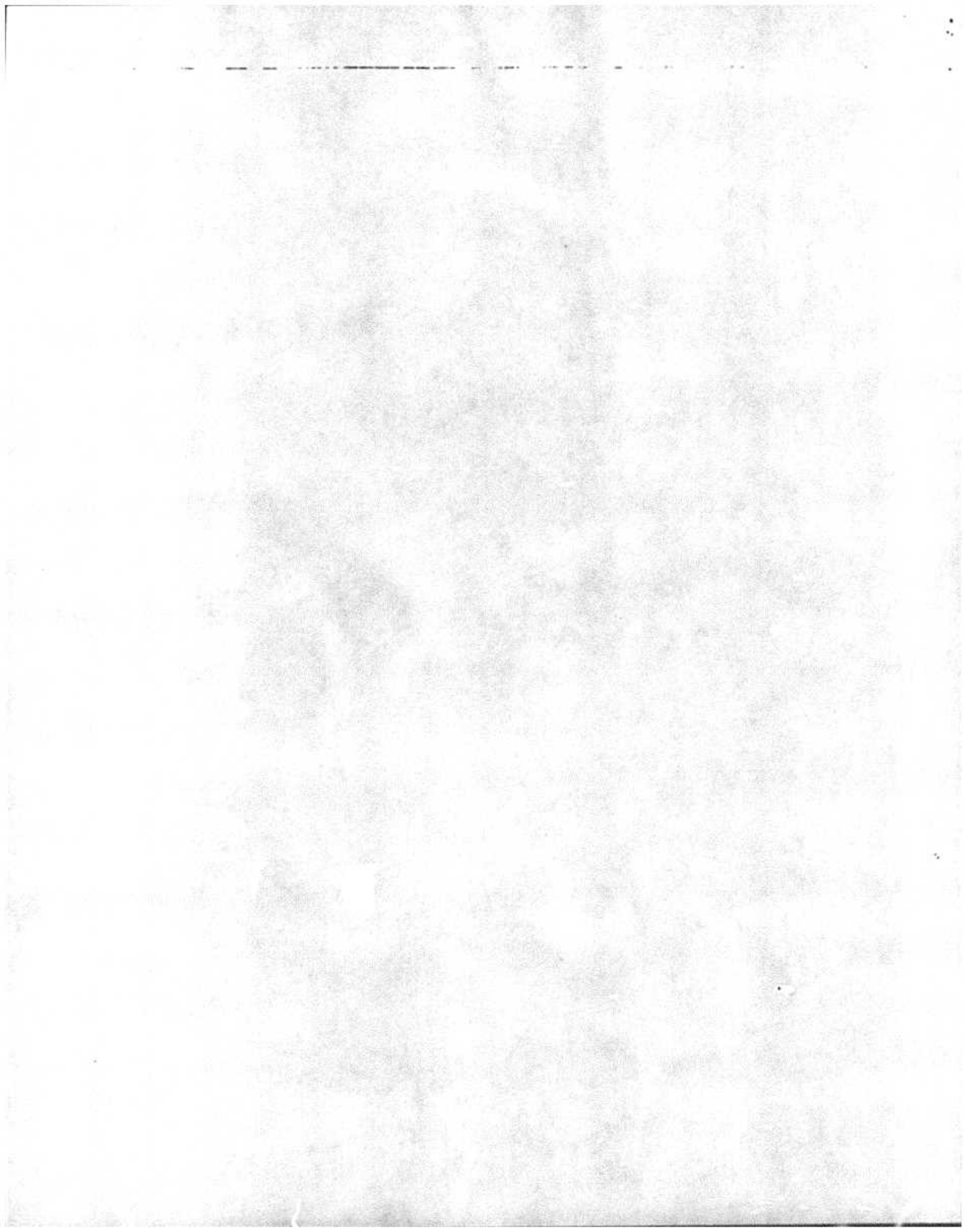
Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CONSOLIDATED TECHNOLOGY GROUP, LTD.

/S/ ----- Lewis S. Schiller	President and Director (Principal Executive Officer)	May 10, 1996
/S/ ----- George W. Mahoney	Chief Financial Officer (Principal Financial and Accounting Officer)	May 10, 1996

Consolidated Technology Group Ltd. and Subsidiaries
Index to Exhibits
March 31, 1996

1. EX-10.1 Restated Employment Agreement Dated January 1996 between the Company and Mr. Lewis S. Schiller.
2. EX-11.1 Calculation of earnings per share.
3. EX-27 Financial Data Schedule
(filed in electronic format only with the SEC)

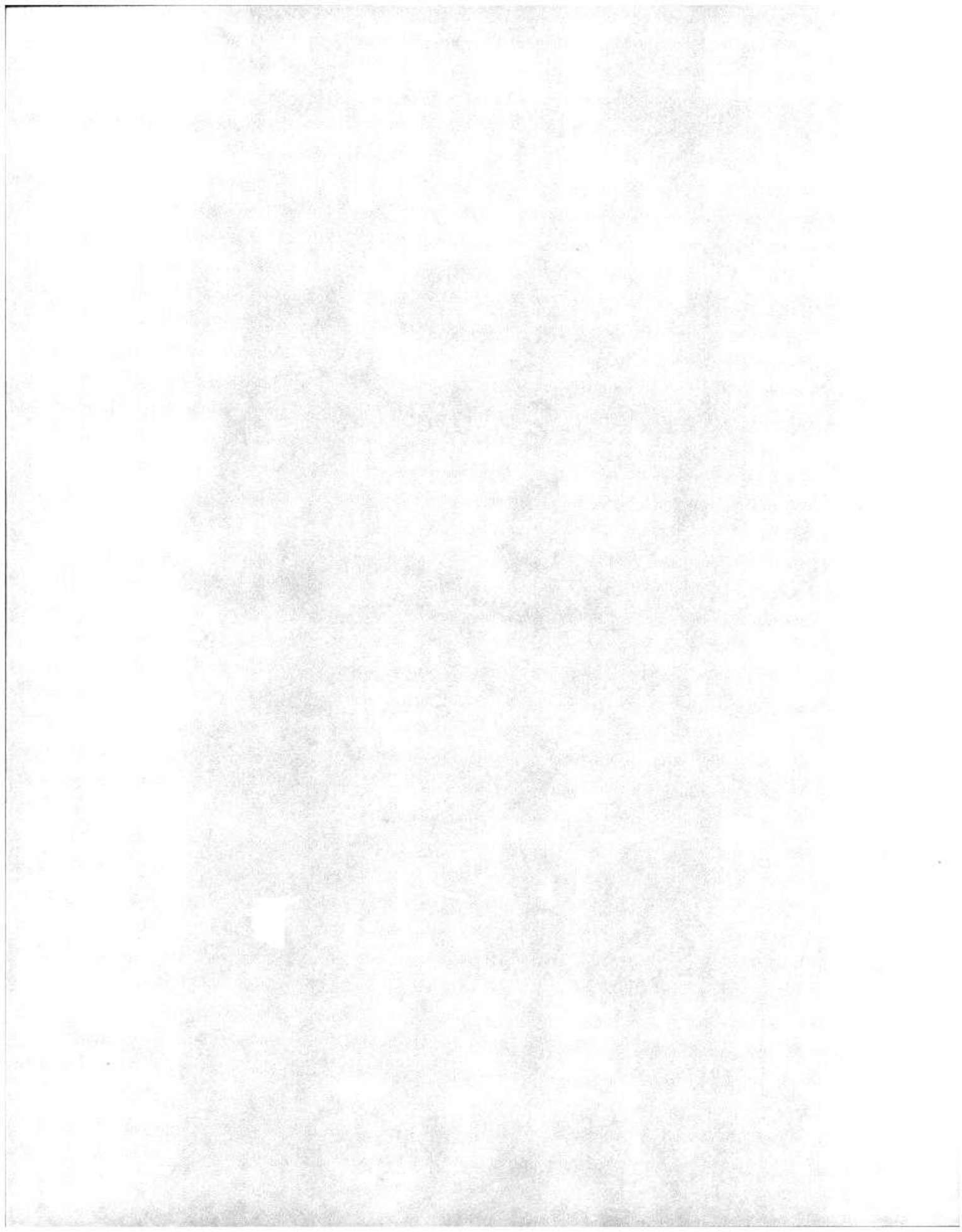


ARC Networks

REVENUE 1997	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	TOTAL-97
Local (LEC)	\$1,760,211	\$1,901,028	\$2,053,110	\$2,217,359	\$2,394,748	\$2,586,327	\$21,050,027
Domestic Long Distance	\$2,626,474	\$2,679,004	\$2,679,004	\$2,732,584	\$2,732,584	\$2,787,235	\$31,309,321
ARC Combined Local/ LD	\$23,804	\$24,280	\$30,945	\$31,564	\$40,228	\$41,033	\$259,406
Debit Cards	\$3,438,936	\$3,507,714	\$3,542,104	\$3,612,946	\$3,648,367	\$3,721,334	\$40,778,336
International LD	\$2,398,875	\$2,434,858	\$2,483,556	\$2,533,227	\$2,583,891	\$2,635,569	\$28,804,476
Inbound 800	\$25,983	\$28,581	\$31,440	\$34,584	\$38,042	\$41,846	\$313,640
Payphones	\$11,200	\$11,256	\$11,312	\$11,369	\$11,426	\$11,483	\$203,058
Premis Distribution	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,487,000
International JV	\$35,301	\$38,831	\$42,715	\$46,986	\$51,685	\$56,853	\$397,548
TOTAL	\$10,420,784	\$10,725,553	\$10,974,184	\$11,320,617	\$11,600,970	\$11,981,681	\$124,602,811
Less Cancellations	\$154,812	\$159,383	\$163,113	\$168,309	\$172,515	\$178,225	\$1,846,737
TOTAL REVENUE	\$10,265,972	\$10,566,170	\$10,811,072	\$11,152,308	\$11,428,455	\$11,803,456	\$122,756,074
Cost of Sales/Access incl.							
LEC	\$1,408,169	\$1,520,822	\$1,642,488	\$1,773,887	\$1,915,798	\$2,069,062	\$16,840,021
Domestic LD	\$1,969,856	\$2,009,253	\$2,009,253	\$2,049,438	\$2,049,438	\$2,090,427	\$23,481,991
Combined local/LD	\$17,853	\$18,210	\$23,209	\$23,673	\$30,171	\$30,775	\$194,554
Debit cards	\$2,579,202	\$2,630,786	\$2,656,578	\$2,709,709	\$2,736,275	\$2,791,001	\$30,583,752
International LD	\$1,799,156	\$1,826,144	\$1,862,667	\$1,899,920	\$1,937,918	\$1,976,677	\$21,603,357
Inbound 800	\$19,487	\$21,436	\$23,580	\$25,938	\$28,531	\$31,385	\$235,230
Payphones	\$8,400	\$8,442	\$8,484	\$8,527	\$8,569	\$8,612	\$152,294
Premis distribution	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$1,115,250
International Network leases	\$26,476	\$29,124	\$32,036	\$35,240	\$38,764	\$42,640	\$338,663
COST OF SALES	\$7,903,599	\$8,139,216	\$8,333,294	\$8,601,331	\$8,820,465	\$9,115,577	\$94,545,111
Less cancellations	\$117,429	\$120,963	\$123,874	\$127,895	\$131,182	\$135,609	\$756,952
TOTAL COST OF SALES	\$7,786,170	\$8,018,253	\$8,209,419	\$8,473,436	\$8,689,283	\$8,979,968	\$93,103,769
Allowance for bad debt LD	\$204,866	\$208,672	\$211,159	\$215,613	\$218,314	\$222,961	\$2,451,498
Allowance for bad debt Local	\$35,204	\$38,021	\$41,062	\$44,347	\$47,895	\$51,727	\$421,001
Commission LD	\$606,240	\$617,717	\$624,475	\$637,228	\$644,436	\$657,675	\$7,248,695
Commissions Local	\$88,011	\$95,051	\$102,656	\$110,868	\$119,757	\$129,316	\$1,052,501
Sales expense	\$138,850	\$142,554	\$145,426	\$149,619	\$152,835	\$157,398	\$2,820,575
TOTAL	\$1,073,171	\$1,102,015	\$1,124,778	\$1,157,675	\$1,183,217	\$1,219,077	\$13,994,270
Net sales	\$1,406,632	\$1,445,902	\$1,476,874	\$1,521,197	\$1,555,956	\$1,604,411	\$15,365,556
G&A							
Mgmt. / Sales Salaries	\$191,100	\$191,100	\$191,100	\$191,100	\$191,100	\$191,100	\$2,238,600
Technical Salaries	\$36,750	\$36,750	\$36,750	\$36,750	\$36,750	\$36,750	\$430,500
Office Salaries	\$57,750	\$57,750	\$57,750	\$57,750	\$57,750	\$57,750	\$676,500
Payroll tax	\$39,984	\$39,984	\$39,984	\$39,984	\$39,984	\$39,984	\$468,384
Beni.	\$16,800	\$16,800	\$16,800	\$16,800	\$16,800	\$16,800	\$177,600
Office equip.	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$132,000
Office supplies	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$66,000
Telephone	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$126,000
T&E	\$10,083	\$10,083	\$10,083	\$10,083	\$10,083	\$10,083	\$121,000
Insurance	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$72,000
Installation costs/access	\$200,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,840,000
Plant and equipment	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$420,000
Office Rent	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$312,000
Facilities Rent	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$120,000
Utilities	\$1,000	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$14,500
Advertising	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$720,000
Publications	\$600	\$600	\$600	\$600	\$600	\$600	\$7,200
Memberships	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$12,000
Accounting	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$24,000
Legal	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$24,000
Regulatory	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$24,000
System Upgrades	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$90,000
TOTAL G&A	\$737,567	\$988,067	\$988,067	\$988,067	\$988,067	\$988,067	\$9,116,284
Profit / loss	\$669,065	\$457,835	\$488,807	\$533,130	\$567,888	\$616,343	\$6,249,272
REVENUE 1997	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	TOTAL-97

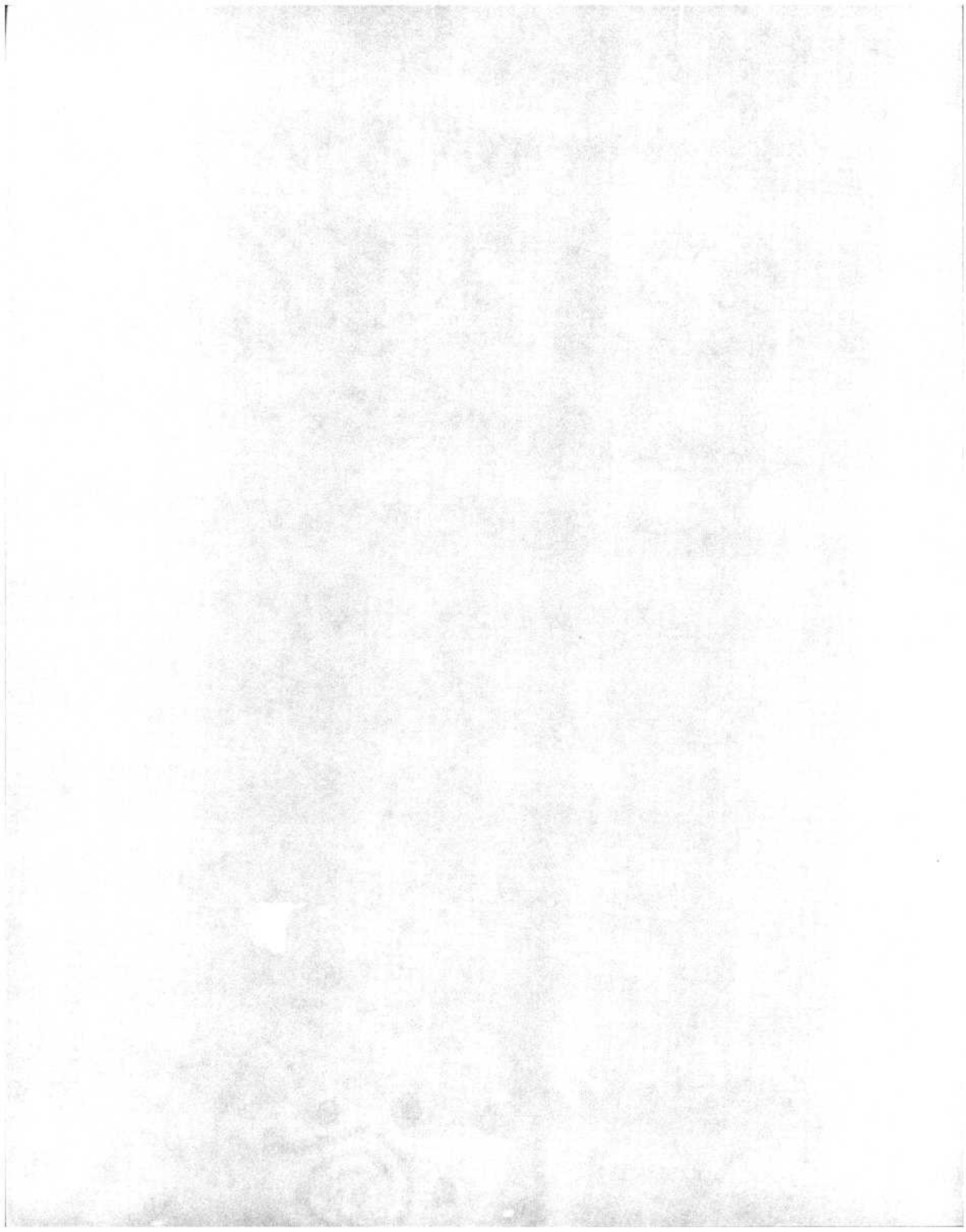
ARC Networks

REVENUE 1998	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98
Local (LEC)	\$2,632,881	\$2,680,273	\$2,728,318	\$2,777,631	\$2,827,629	\$2,878,526
Domestic Long Distance	\$2,926,597	\$2,985,129	\$3,044,832	\$3,103,728	\$3,167,843	\$3,231,200
ARC Combined Local/ LD	\$43,084	\$43,946	\$44,823	\$45,722	\$46,636	\$47,569
Debit Cards	\$3,907,401	\$3,985,549	\$4,065,260	\$4,146,565	\$4,229,496	\$4,314,086
International LD	\$2,767,348	\$2,822,694	\$2,879,148	\$2,936,731	\$2,995,466	\$3,055,375
Inbound 800	\$43,938	\$44,817	\$45,714	\$46,628	\$47,560	\$48,512
Payphones	\$12,057	\$13,263	\$14,589	\$16,048	\$17,653	\$19,418
Premis Distribution	\$105,000	\$115,500	\$127,050	\$139,755	\$153,731	\$169,104
International JV	\$59,696	\$65,665	\$72,232	\$79,455	\$87,401	\$96,141
TOTAL	\$12,438,307	\$12,691,172	\$12,949,936	\$13,214,808	\$13,486,013	\$13,763,789
Less cancellations	\$246,666	\$251,513	\$256,458	\$261,501	\$266,646	\$271,894
TOTAL REVENUE	\$12,191,641	\$12,439,658	\$12,693,478	\$12,953,307	\$13,219,366	\$13,491,895
Cost of Sales/Access incl.						
LEC	\$2,237,949	\$2,278,232	\$2,319,240	\$2,360,987	\$2,403,484	\$2,446,747
Domestic LD	\$2,194,948	\$2,238,847	\$2,283,624	\$2,329,296	\$2,375,882	\$2,423,400
Combined local/LD	\$32,313	\$32,960	\$33,619	\$34,291	\$34,977	\$35,677
Debit cards	\$2,930,551	\$2,989,162	\$3,048,945	\$3,109,924	\$3,172,122	\$3,235,565
International LD	\$2,075,511	\$2,117,021	\$2,159,361	\$2,202,549	\$2,246,599	\$2,291,531
Inbound 800	\$32,954	\$33,613	\$34,285	\$34,971	\$35,670	\$36,384
Payphones	\$9,043	\$9,947	\$10,942	\$12,036	\$13,239	\$14,563
Premis distribution	\$78,750	\$86,625	\$95,288	\$104,816	\$115,298	\$126,828
International Network leases	\$44,772	\$49,249	\$54,174	\$59,591	\$65,550	\$72,106
TOTAL COST OF SALES	\$9,636,790	\$9,786,406	\$9,985,303	\$10,188,869	\$10,397,273	\$10,610,694
Less cancellations	\$191,161	\$193,996	\$197,800	\$201,681	\$205,640	\$209,677
TOTAL COST OF SALES	\$9,445,629	\$9,592,410	\$9,787,503	\$9,987,188	\$10,191,633	\$10,401,017
Allowance for bad debt LD	\$231,721	\$236,394	\$241,164	\$246,034	\$251,006	\$256,083
Allowance for bad debt local	\$52,658	\$53,605	\$54,570	\$55,553	\$56,553	\$57,571
Commission LD	\$686,380	\$700,763	\$715,499	\$730,602	\$746,087	\$761,968
Commission Local	\$131,644	\$134,014	\$136,426	\$138,882	\$141,381	\$143,926
Sales expense	\$137,276	\$140,153	\$143,100	\$146,120	\$149,217	\$152,394
TOTAL	\$1,239,678	\$1,264,929	\$1,290,760	\$1,317,191	\$1,344,245	\$1,371,942
NET SALES	\$1,506,333	\$1,582,319	\$1,615,215	\$1,648,928	\$1,683,490	\$1,718,936
G&A						
Mgmt. Salaries	\$196,833	\$187,460	\$187,460	\$187,460	\$187,460	\$187,460
Technical Salaries	\$37,853	\$36,050	\$36,050	\$36,050	\$36,050	\$36,050
Office Salaries	\$59,483	\$59,483	\$59,483	\$59,483	\$59,483	\$59,483
Payroll tax	\$41,184	\$39,619	\$39,619	\$39,619	\$39,619	\$39,619
Beni	\$13,200	\$13,200	\$13,200	\$13,200	\$13,200	\$13,200
Office equip.	\$3,000	\$3,150	\$5,000	\$5,000	\$5,000	\$5,000
Office supplies	\$2,500	\$2,625	\$2,500	\$2,500	\$2,500	\$2,500
Telephone	\$10,000	\$10,500	\$11,025	\$11,576	\$12,155	\$12,763
T&E	\$10,000	\$10,500	\$11,025	\$11,576	\$12,155	\$12,763
Insurance	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500
Installation costs/access	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000
Plant and equipment	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Office Rent	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000
Facilities Rent	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Utilities	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Advertising	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Publications	\$600	\$600	\$600	\$600	\$600	\$600
Memberships	\$1,200	\$1,200	\$1,200	\$1,200	\$1,200	\$1,200
Accounting	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Legal	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Regulatory	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
System Upgrades	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
TOTAL G&A	\$944,852	\$933,386	\$936,161	\$937,264	\$938,422	\$939,637
Profit / loss	\$561,481	\$648,933	\$679,054	\$711,664	\$745,068	\$779,299
REVENUE 1998	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98



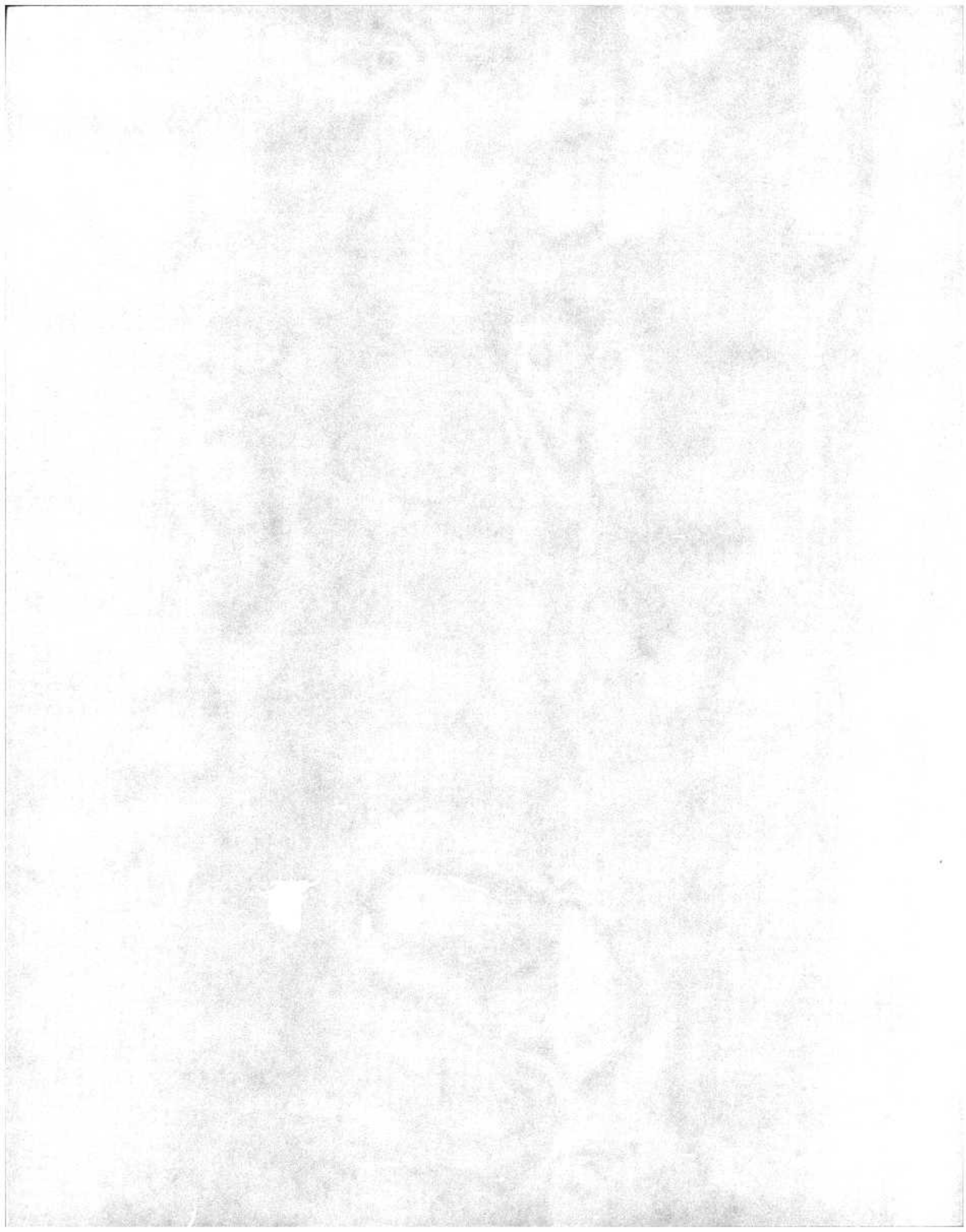
ARC Networks

REVENUE 1998	Jul-88	Aug-88	Sep-88	Oct-88	Nov-88	Dec-88	TOTAL-88
Local (LEC)	\$2,930,340	\$2,983,086	\$3,036,781	\$3,091,443	\$3,147,089	\$3,203,737	\$34,917,935
Domestic Long Distance	\$3,715,880	\$3,790,197	\$3,866,001	\$3,943,321	\$4,022,188	\$4,102,631	\$41,901,547
ARC Combined Local/ LD	\$52,326	\$53,372	\$54,440	\$55,528	\$56,639	\$57,772	\$601,838
Debit Cards	\$4,961,199	\$5,060,423	\$5,161,632	\$5,264,864	\$5,370,162	\$5,477,565	\$55,944,202
International LD	\$3,513,682	\$3,583,955	\$3,655,634	\$3,728,747	\$3,803,322	\$3,879,388	\$39,621,491
Inbound 800	\$55,788	\$56,904	\$58,042	\$59,203	\$60,387	\$61,595	\$629,089
Payphones	\$21,360	\$23,496	\$25,845	\$28,430	\$31,273	\$34,400	\$257,829
Premis Distribution	\$186,014	\$204,613	\$225,077	\$247,585	\$272,343	\$299,577	\$2,245,350
International JV	\$110,562	\$121,618	\$133,780	\$147,158	\$161,874	\$178,061	\$1,313,641
TOTAL	\$15,436,588	\$15,756,048	\$16,083,452	\$16,419,121	\$16,763,402	\$17,116,665	\$177,432,943
Less cancellations	\$305,011	\$311,029	\$317,168	\$323,431	\$329,621	\$336,342	\$3,477,479
TOTAL REVENUE	\$15,131,576	\$15,445,020	\$15,766,285	\$16,095,691	\$16,433,581	\$16,780,323	\$172,641,823
Cost of Sales/Access incl.							
LEC	\$2,490,789	\$2,535,623	\$2,581,264	\$2,627,727	\$2,675,026	\$2,723,176	\$29,680,245
Domestic LD	\$2,786,910	\$2,842,648	\$2,899,501	\$2,957,491	\$3,016,641	\$3,076,974	\$31,426,160
Combined local/LD	\$39,244	\$40,029	\$40,830	\$41,646	\$42,479	\$43,329	\$451,394
Debit cards	\$3,720,899	\$3,795,317	\$3,871,224	\$3,948,648	\$4,027,621	\$4,108,174	\$41,958,151
International LD	\$2,635,261	\$2,687,966	\$2,741,726	\$2,796,560	\$2,852,491	\$2,909,541	\$29,716,119
Inbound 800	\$41,841	\$42,678	\$43,532	\$44,402	\$45,290	\$46,196	\$471,817
Payphones	\$16,020	\$17,622	\$19,384	\$21,322	\$23,454	\$25,800	\$193,372
Premis distribution	\$139,510	\$153,461	\$168,808	\$185,688	\$204,257	\$224,683	\$1,684,012
International Network leases	\$82,921	\$91,213	\$100,335	\$110,368	\$121,405	\$133,546	\$985,231
TOTAL COST OF SALES	\$11,870,475	\$12,115,345	\$12,366,267	\$12,733,854	\$13,008,666	\$13,291,418	\$136,566,501
Less cancellations	\$234,619	\$239,238	\$243,949	\$250,963	\$256,088	\$261,335	\$2,686,147
TOTAL COST OF SALES	\$11,635,855	\$11,876,107	\$12,122,318	\$12,482,890	\$12,752,577	\$13,030,084	\$133,305,214
Allowance for bad debt LD	\$367,952	\$375,396	\$382,998	\$390,761	\$398,690	\$406,789	\$3,784,990
Allowance for bad debt local	\$58,607	\$59,662	\$60,736	\$61,829	\$62,942	\$64,075	\$698,359
Commission LD	\$875,437	\$894,107	\$913,267	\$932,937	\$953,142	\$973,905	\$9,884,096
Commission Local	\$146,517	\$149,154	\$151,839	\$154,572	\$157,354	\$160,187	\$1,745,897
Sales expense	\$175,087	\$178,821	\$182,653	\$186,587	\$190,628	\$194,781	\$1,976,819
TOTAL	\$1,623,600	\$1,657,141	\$1,691,493	\$1,726,687	\$1,762,757	\$1,799,737	\$18,090,160
NET SALES	\$1,872,120	\$1,911,771	\$1,952,473	\$1,886,113	\$1,918,246	\$1,950,503	\$21,246,449
G&A							
Mgmt. Salaries	\$187,460	\$187,460	\$187,460	\$187,460	\$187,460	\$187,460	\$2,258,893
Technical Salaries	\$36,050	\$36,050	\$36,050	\$36,050	\$36,050	\$36,050	\$434,403
Office Salaries	\$59,483	\$59,483	\$59,483	\$59,483	\$59,483	\$59,483	\$713,790
Payroll tax	\$39,619	\$39,619	\$39,619	\$39,619	\$39,619	\$39,619	\$476,992
Benf.	\$13,200	\$13,200	\$13,200	\$13,200	\$13,200	\$13,200	\$158,400
Office equip.	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$56,150
Office supplies	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$30,125
Telephone	\$13,401	\$14,071	\$14,775	\$15,513	\$16,289	\$17,103	\$159,171
T&E	\$13,401	\$14,071	\$14,775	\$15,513	\$16,289	\$17,103	\$159,171
Insurance	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$78,000
Installation costs/access	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$5,400,000
Plant and equipment	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$420,000
Office Rent	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$312,000
Facilities Rent	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$120,000
Utilities	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$18,000
Advertising	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$120,000
Publicity	\$600	\$600	\$600	\$600	\$600	\$600	\$7,200
Memberships	\$1,200	\$1,200	\$1,200	\$1,200	\$1,200	\$1,200	\$14,400
Accounting	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$60,000
Legal	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$60,000
Regulatory	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$60,000
System Upgrades	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
TOTAL G&A	\$945,913	\$947,253	\$948,661	\$950,138	\$951,689	\$953,318	\$11,136,695
Profit / loss	\$926,207	\$964,518	\$1,003,813	\$935,975	\$966,557	\$997,185	\$10,109,754
REVENUE 1998	Jul-88	Aug-88	Sep-88	Oct-88	Nov-88	Dec-88	TOTAL-88



ARC Networks

REVENUE 1999	Jan-89	Feb-89	Mar-89	Apr-89	May-89	Jun-89
Local (LEC)	\$3,219,756	\$3,277,711	\$3,336,710	\$3,396,771	\$3,457,913	\$3,520,155
Domestic Long Distance	\$4,143,658	\$4,226,531	\$4,311,061	\$4,397,283	\$4,485,228	\$4,574,933
ARC Combined Local/ LD	\$58,349	\$59,516	\$60,707	\$61,921	\$63,159	\$64,422
Debit Cards	\$5,532,340	\$5,642,987	\$5,755,847	\$5,870,964	\$5,988,383	\$6,108,151
International LD	\$3,918,182	\$3,996,546	\$4,076,477	\$4,158,006	\$4,241,166	\$4,325,990
Inbound 800	\$62,211	\$63,455	\$64,724	\$66,019	\$67,339	\$68,686
Payphones	\$34,417	\$37,859	\$41,645	\$45,809	\$50,390	\$55,429
Premis Distribution	\$299,727	\$329,700	\$362,670	\$398,937	\$438,830	\$482,713
International JV	\$179,842	\$197,826	\$217,608	\$239,369	\$263,306	\$289,637
TOTAL	\$17,448,482	\$17,832,131	\$18,227,449	\$18,635,078	\$19,055,715	\$19,490,116
Less cancellations	\$514,463	\$525,073	\$535,943	\$547,084	\$558,507	\$570,222
TOTAL REVENUE	\$16,934,019	\$17,307,058	\$17,691,505	\$18,087,994	\$18,497,209	\$18,919,894
Cost of Sales/Access incl.						
LEC	\$2,736,792	\$2,786,054	\$2,836,203	\$2,887,255	\$2,939,226	\$2,992,132
Domestic LD	\$2,900,560	\$2,958,572	\$3,017,743	\$3,078,098	\$3,139,660	\$3,202,452
Combined local/LD	\$40,845	\$41,661	\$42,495	\$43,345	\$44,212	\$45,096
Debit cards	\$3,872,638	\$3,950,091	\$4,029,093	\$4,109,675	\$4,191,868	\$4,275,706
International LD	\$2,742,728	\$2,797,582	\$2,853,534	\$2,910,604	\$2,968,817	\$3,028,192
Inbound 800	\$43,548	\$44,419	\$45,307	\$46,213	\$47,137	\$48,080
Payphones	\$24,092	\$26,501	\$29,151	\$32,066	\$35,273	\$38,800
Premis distribution	\$209,809	\$230,790	\$253,869	\$279,256	\$307,181	\$337,899
International Network leases	\$125,889	\$138,478	\$152,326	\$167,558	\$184,314	\$202,746
TOTAL COST OF SALES	\$12,696,901	\$12,974,148	\$13,259,721	\$13,554,070	\$13,857,688	\$14,171,104
Less cancellations	\$374,613	\$382,301	\$390,176	\$398,244	\$406,515	\$414,996
TOTAL REVENUE	\$12,322,288	\$12,591,848	\$12,869,545	\$13,155,826	\$13,451,172	\$13,756,108
Allowance for bad debt LD	\$419,833	\$429,087	\$438,611	\$448,420	\$458,529	\$468,955
Allowance for bad debt Local	\$64,395	\$65,554	\$66,734	\$67,935	\$69,158	\$70,403
Commission LD	\$959,998	\$982,054	\$1,004,836	\$1,028,386	\$1,052,751	\$1,077,982
Commission Local	\$160,988	\$163,886	\$166,835	\$169,839	\$172,896	\$176,008
Sales expense	\$192,000	\$196,411	\$200,967	\$205,677	\$210,550	\$215,596
TOTAL	\$1,797,214	\$1,836,992	\$1,877,984	\$1,920,257	\$1,963,884	\$2,008,944
NET SALES	\$2,814,517	\$2,878,219	\$2,943,977	\$3,011,911	\$3,082,152	\$3,154,842
G&A						
Mgmt. Salaries	\$193,084	\$193,084	\$193,084	\$193,084	\$193,084	\$193,084
Technical Salaries	\$37,132	\$37,132	\$37,132	\$37,132	\$37,132	\$37,132
Office Salaries	\$61,267	\$61,267	\$61,267	\$61,267	\$61,267	\$61,267
Payroll tax	\$37,893	\$37,893	\$37,893	\$37,893	\$37,893	\$37,893
Benl.	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000
Office equip.	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Office supplies	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Telephone	\$17,103	\$17,103	\$17,103	\$17,103	\$17,103	\$17,103
T&E	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Insurance	\$9,407	\$9,407	\$9,407	\$9,407	\$9,407	\$9,407
Installation costs/access	\$485,000	\$485,000	\$485,000	\$485,000	\$485,000	\$485,000
Plant and equipment	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Office Rent	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000
Facilities Maint.	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Utilities	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Printing	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Publications	\$600	\$600	\$600	\$600	\$600	\$600
Memberships	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Accounting	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Legal	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Regulatory	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
TOTAL G&A	\$1,040,485	\$1,040,485	\$1,040,485	\$1,040,485	\$1,040,485	\$1,040,485
PROFIT/LOSS	\$1,774,032	\$1,837,734	\$1,903,492	\$1,971,426	\$2,041,667	\$2,114,357
REVENUE 1999	Jan-89	Feb-89	Mar-89	Apr-89	May-89	Jun-89



ARC Networks

REVENUE 1999	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL-99
Local (LEC)	\$3,521,913	\$3,539,525	\$3,557,222	\$3,575,008	\$3,592,883	\$3,610,848	\$41,606,417
Domestic Long Distance	\$4,577,220	\$4,622,993	\$4,669,223	\$4,715,915	\$4,763,074	\$4,810,705	\$54,297,823
ARC Combined Local/ LD	\$64,455	\$64,970	\$65,490	\$66,014	\$66,542	\$67,074	\$762,621
Debit Cards	\$6,111,205	\$6,202,873	\$6,295,916	\$6,390,355	\$6,486,210	\$6,583,503	\$72,968,735
International LD	\$4,328,153	\$4,393,075	\$4,458,971	\$4,525,856	\$4,593,744	\$4,662,650	\$51,678,816
Inbound 800	\$68,720	\$69,751	\$70,797	\$71,859	\$72,937	\$74,031	\$820,529
Payphones	\$55,457	\$55,734	\$56,013	\$56,293	\$56,574	\$56,857	\$602,477
Premis Distribution	\$482,955	\$483,196	\$483,438	\$483,680	\$483,921	\$484,163	\$5,213,930
International JV	\$289,781	\$294,128	\$298,540	\$303,018	\$307,563	\$312,177	\$3,192,795
TOTAL	\$19,499,861	\$19,726,245	\$19,955,610	\$20,187,997	\$20,423,449	\$20,662,009	\$231,144,142
Less cancellations	\$570,507	\$577,291	\$584,165	\$591,130	\$598,186	\$605,335	\$6,777,906
TOTAL REVENUE	\$18,929,354	\$19,148,954	\$19,371,445	\$19,596,868	\$19,825,264	\$20,056,673	\$224,366,236
Cost of Sales/Access incl.							
LEC	\$2,993,628	\$3,008,596	\$3,023,639	\$3,038,757	\$3,053,951	\$3,069,221	\$35,365,455
Domestic LD	\$3,204,054	\$3,236,095	\$3,268,456	\$3,301,140	\$3,334,152	\$3,367,493	\$38,008,476
Combined local/LD	\$45,118	\$45,479	\$45,843	\$46,210	\$46,579	\$46,952	\$533,835
Debit cards	\$4,277,843	\$4,342,011	\$4,407,141	\$4,473,248	\$4,540,347	\$4,608,452	\$51,078,115
International LD	\$3,029,707	\$3,075,153	\$3,121,280	\$3,168,099	\$3,215,621	\$3,263,855	\$36,175,171
Inbound 800	\$48,104	\$48,826	\$49,558	\$50,301	\$51,056	\$51,822	\$574,370
Payphones	\$38,820	\$39,014	\$39,209	\$39,405	\$39,602	\$39,800	\$421,734
Premis distribution	\$338,068	\$338,237	\$338,406	\$338,576	\$338,745	\$338,914	\$3,649,751
International Network leases	\$202,847	\$205,890	\$208,978	\$212,113	\$215,294	\$218,524	\$2,234,956
TOTAL COST OF SALES	\$14,178,190	\$14,339,300	\$14,502,510	\$14,667,849	\$14,835,347	\$15,005,033	\$168,041,862
Less cancellations	\$415,204	\$420,032	\$424,923	\$429,878	\$434,898	\$439,984	\$4,931,763
TOTAL REVENUE	\$13,762,986	\$13,919,268	\$14,077,587	\$14,237,971	\$14,400,449	\$14,565,050	\$163,110,099
Allowance for bad debt LD	\$469,189	\$475,033	\$480,952	\$486,948	\$493,022	\$499,175	\$5,567,753
Allowance for bad debt Local	\$70,438	\$70,790	\$71,144	\$71,500	\$71,858	\$72,217	\$832,128
Commission LD	\$1,078,521	\$1,092,660	\$1,106,996	\$1,121,530	\$1,136,267	\$1,151,208	\$12,793,187
Commission Local	\$176,096	\$176,976	\$177,861	\$178,750	\$179,644	\$180,542	\$2,080,321
Sales expense	\$215,704	\$218,532	\$221,399	\$224,306	\$227,253	\$230,242	\$2,558,637
TOTAL	\$2,009,948	\$2,033,991	\$2,058,152	\$2,083,035	\$2,108,043	\$2,133,383	\$23,832,027
NET SALES	\$3,156,419	\$3,195,694	\$3,235,506	\$3,275,862	\$3,316,771	\$3,358,240	\$37,424,110
G&A							
Mgmt. Salaries	\$193,084	\$193,084	\$193,084	\$193,084	\$193,084	\$193,084	\$2,317,006
Technical Salaries	\$37,132	\$37,132	\$37,132	\$37,132	\$37,132	\$37,132	\$445,578
Office Salaries	\$61,267	\$61,267	\$61,267	\$61,267	\$61,267	\$61,267	\$735,204
Payroll tax	\$37,893	\$37,893	\$37,893	\$37,893	\$37,893	\$37,893	\$454,712
Beni.	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$168,000
Office equip.	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$60,000
Office supplies	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$30,000
Telephone	\$17,103	\$17,103	\$17,103	\$17,103	\$17,103	\$17,103	\$205,236
T&E	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$240,000
Insurance	\$9,407	\$9,407	\$9,407	\$9,407	\$9,407	\$9,407	\$112,884
Installation costs/access	\$485,000	\$485,000	\$485,000	\$485,000	\$485,000	\$485,000	\$5,820,000
Plant and equipment	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$720,000
Office Rent	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$312,000
Facilities Rent	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$240,000
Utilities	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$60,000
Advertising	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$120,000
Publications	\$600	\$600	\$600	\$600	\$600	\$600	\$7,200
Memberships	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$18,000
Accounting	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$60,000
Legal	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$60,000
Regulatory	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$60,000
System Upgrades	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$240,000
TOTAL G&A	\$1,040,485	\$1,040,485	\$1,040,485	\$1,040,485	\$1,040,485	\$1,040,485	\$12,485,826
PROFIT/LOSS	\$2,115,934	\$2,155,209	\$2,195,021	\$2,235,377	\$2,276,286	\$2,317,755	\$24,938,290
REVENUE 1999	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL-99

ARC Networks

REVENUE	Jul-96	Aug-96	Sep-96	Oct-96	Nov-96	Dec-96	TOTAL 96
Local (LEC)	\$280,986	\$314,704	\$352,468	\$394,765	\$884,273	\$990,383	\$4,372,460
Domestic Long Distance	\$97,656	\$500,000	\$625,000	\$781,250	\$1,750,000	\$2,187,500	\$6,157,031
ARC Combined Local/ LD	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debit Cards	\$560,000	\$700,000	\$875,000	\$1,093,750	\$2,450,000	\$3,062,500	\$10,276,250
International LD	\$32,955	\$400,000	\$520,000	\$676,000	\$1,514,240	\$1,968,512	\$5,171,557
Inbound 800	\$3,993	\$4,392	\$4,832	\$5,315	\$11,905	\$13,095	\$53,462
Payphones	\$6,050	\$6,655	\$7,321	\$8,053	\$18,038	\$19,841	\$76,457
Premis Distribution	\$200,000	\$125,000	\$100,000	\$100,000	\$224,000	\$100,000	\$1,799,000
International JV				\$10,000	\$22,400	\$23,520	\$55,920
TOTAL	\$1,181,640	\$2,050,751	\$2,484,620	\$3,069,132	\$6,874,855	\$8,365,354	\$27,962,137
Less Cancellations	\$9,816	\$19,258	\$23,846	\$29,691	\$66,509	\$82,654	\$261,631
TOTAL REVENUE	\$1,171,823	\$2,031,494	\$2,460,774	\$3,039,440	\$6,808,347	\$8,282,701	\$27,700,506
Cost of Sales/Access incl.							
LEC	\$224,788	\$251,763	\$281,975	\$315,812	\$707,418	\$792,308	\$3,497,968
Domestic LD	\$73,242	\$375,000	\$468,750	\$585,938	\$1,312,500	\$1,640,625	\$4,617,773
Combined local/LD	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debit cards	\$420,000	\$525,000	\$656,250	\$820,313	\$1,837,500	\$2,296,875	\$7,707,188
International LD	\$24,716	\$300,000	\$390,000	\$507,000	\$1,135,680	\$1,476,384	\$3,878,668
Inbound 800	\$2,995	\$3,294	\$3,624	\$3,986	\$8,929	\$9,822	\$40,096
Payphones	\$4,538	\$4,991	\$5,490	\$6,039	\$13,528	\$14,881	\$57,343
Premis distribution	\$150,000	\$93,750	\$75,000	\$75,000	\$168,000	\$75,000	\$1,349,250
	\$0	\$0	\$0	\$7,500	\$16,800	\$17,640	\$41,940
COST OF SALES	\$900,279	\$1,553,799	\$1,881,089	\$2,314,087	\$5,183,555	\$6,305,895	\$21,190,226
Less cancellations	\$7,503	\$14,600	\$18,061	\$22,391	\$50,156	\$62,309	\$197,990
TOTAL COST OF SALES	\$892,776	\$1,539,198	\$1,863,028	\$2,291,696	\$5,133,399	\$6,243,586	\$20,950,296
Allowance for bad debt LD	\$7,033	\$45,552	\$57,858	\$74,031	\$165,829	\$210,623	\$575,721
Allowance for bad debt Local	\$5,620	\$6,294	\$7,049	\$7,895	\$17,685	\$19,808	\$87,449
Commission LD	\$63,046	\$121,523	\$149,251	\$187,206	\$419,341	\$516,248	\$1,651,277
Commissions Local	\$14,049	\$15,735	\$17,623	\$19,738	\$44,214	\$49,519	\$218,623
Sales expense	\$38,548	\$68,629	\$83,437	\$103,472	\$231,777	\$282,884	\$934,950
TOTAL	\$128,295	\$257,734	\$315,218	\$392,342	\$878,846	\$1,079,082	\$3,468,021
Net Sales	\$150,752	\$234,561	\$282,528	\$355,402	\$796,101	\$960,033	\$3,282,189
G&A							
Mgmt. Salaries	\$43,332	\$75,000	\$95,000	\$120,000	\$182,000	\$182,000	\$913,992
Technical Salaries		\$10,000	\$20,000	\$20,000	\$35,000	\$35,000	\$120,000
Office Salaries	\$20,000	\$20,000	\$45,000	\$45,000	\$55,000	\$55,000	\$300,000
Payroll tax	\$8,866	\$14,700	\$22,400	\$25,900	\$38,080	\$38,080	\$186,759
Beni.	\$7,200	\$7,800	\$8,400	\$9,000	\$9,000	\$9,000	\$93,600
Office equip.	\$1,500	\$7,000	\$3,000	\$3,000	\$3,000	\$3,000	\$29,500
Office supplies	\$1,000	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$19,500
Telephone	\$3,802	\$4,373	\$5,028	\$5,783	\$6,650	\$7,648	\$49,465
T&E	\$10,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$145,000
Insurance	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$66,000
Installation costs/access	\$10,000	\$15,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Plant and equipment		\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$175,000
Office Rent	\$2,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$89,000
Facilities Rent		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Utilities	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$18,000
Advertising	\$14,000	\$15,000	\$14,000	\$15,000	\$15,000	\$15,000	\$90,000
Publications	\$300	\$300	\$300	\$300	\$300	\$300	\$3,600
Memberships	\$300	\$300	\$300	\$300	\$300	\$300	\$3,600
Accounting	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$12,000
Legal	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$12,000
Regulatory	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$48,000
System Upgrades							
TOTAL G&A	\$139,301	\$262,973	\$332,928	\$362,783	\$462,830	\$463,828	\$1,550,015
Profit / loss	\$11,451	(\$28,411)	(\$50,490)	(\$7,380)	\$333,271	\$496,205	\$732,174
REVENUE	Jul-96	Aug-96	Sep-96	Oct-96	Nov-96	Dec-96	TOTAL 96

ARC Networks

REVENUE 1997	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97
Local (LEC)	\$1,109,232	\$1,197,970	\$1,293,808	\$1,397,312	\$1,509,097	\$1,629,825
Domestic Long Distance	\$2,450,000	\$2,474,500	\$2,499,245	\$2,524,237	\$2,549,480	\$2,574,975
ARC Combined Local/ LD	\$6,000	\$7,500	\$9,375	\$11,719	\$14,648	\$18,311
Debit Cards	\$3,099,250	\$3,145,739	\$3,192,925	\$3,240,819	\$3,289,431	\$3,338,772
International LD	\$2,204,733	\$2,237,804	\$2,271,372	\$2,305,442	\$2,340,024	\$2,375,124
Inbound 800	\$14,667	\$16,134	\$17,747	\$19,522	\$21,474	\$23,621
Payphones	\$22,222	\$22,334	\$22,445	\$22,557	\$22,670	\$22,784
Premis Distribution	\$112,000	\$150,000	\$200,000	\$200,000	\$125,000	\$100,000
International JV	\$26,342	\$27,660	\$29,042	\$30,495	\$32,019	\$33,620
TOTAL	\$9,018,104	\$9,251,980	\$9,535,959	\$9,752,103	\$9,903,843	\$10,117,032
Less Cancellations	\$133,592	\$136,530	\$140,039	\$143,282	\$146,683	\$150,255
TOTAL REVENUE	\$8,884,513	\$9,115,451	\$9,395,919	\$9,608,821	\$9,757,161	\$9,966,776
Cost of Sales/Access incl.						
LEC	\$887,385	\$958,376	\$1,035,046	\$1,117,850	\$1,207,278	\$1,303,860
Domestic LD	\$1,837,500	\$1,855,875	\$1,874,434	\$1,893,178	\$1,912,110	\$1,931,231
Combined local/LD	\$4,500	\$5,625	\$7,031	\$8,789	\$10,986	\$13,733
Debit cards	\$2,324,438	\$2,359,304	\$2,394,694	\$2,430,614	\$2,467,073	\$2,504,079
International LD	\$1,653,550	\$1,678,353	\$1,703,529	\$1,729,082	\$1,755,018	\$1,781,343
Inbound 800	\$11,000	\$12,100	\$13,310	\$14,641	\$16,105	\$17,716
Payphones	\$16,667	\$16,750	\$16,834	\$16,918	\$17,003	\$17,088
Premis distribution	\$84,000	\$112,500	\$150,000	\$150,000	\$93,750	\$75,000
International Network leases	\$19,757	\$20,745	\$21,782	\$22,871	\$24,015	\$25,215
COST OF SALES	\$6,819,640	\$6,998,884	\$7,216,659	\$7,383,943	\$7,503,337	\$7,669,265
Less cancellations	\$101,026	\$103,296	\$106,000	\$108,509	\$111,144	\$113,914
TOTAL COST OF SALES	\$6,718,614	\$6,895,588	\$7,110,659	\$7,275,434	\$7,392,194	\$7,555,351
Allowance for bad debt LD	\$234,881	\$237,914	\$242,461	\$245,699	\$249,016	\$252,422
Allowance for bad debt Local	\$22,185	\$23,959	\$25,876	\$27,946	\$30,182	\$32,596
Commission LD	\$553,621	\$563,781	\$576,951	\$584,835	\$587,632	\$594,104
Commissions Local	\$55,462	\$59,899	\$64,690	\$69,866	\$75,455	\$81,491
Sales expense	\$304,541	\$311,840	\$320,820	\$327,350	\$331,544	\$337,798
TOTAL	\$1,170,690	\$1,197,392	\$1,230,799	\$1,255,696	\$1,273,828	\$1,298,412
Net sales	\$995,809	\$1,022,471	\$1,054,461	\$1,077,691	\$1,091,139	\$1,113,013
G&A						
Mgmt / Sales Salaries	\$182,000	\$182,000	\$182,000	\$182,000	\$182,000	\$182,000
Technical Salaries	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Office Salaries	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000
Payroll tax	\$38,080	\$38,080	\$38,080	\$38,080	\$38,080	\$38,080
Beni.	\$12,800	\$12,800	\$12,800	\$12,800	\$12,800	\$12,800
Office equip.	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Office supplies	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Telephone	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
T&E	\$10,083	\$10,083	\$10,083	\$10,083	\$10,083	\$10,083
Insurance	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500
Installation costs/access	\$55,000	\$55,000	\$55,000	\$75,000	\$75,000	\$75,000
Plant and equipment	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Office Rent	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000	\$26,000
Facilities Rent	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Utilities	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Advertising	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Print costs	\$600	\$600	\$600	\$600	\$600	\$600
Merchandise	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Accounting	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Legal	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Regulatory	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
System Upgrades	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
TOTAL G&A	\$563,063	\$563,063	\$563,063	\$583,063	\$583,063	\$583,063
Profit / loss	\$432,745	\$459,407	\$491,398	\$494,628	\$508,075	\$529,950
REVENUE 1997	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97

EXHIBIT II

MANAGERIAL CAPABILITY

A.R.C. Networks, Inc. ("ARC"), the Applicant herein, has the managerial capability to provide the proposed services. The management team at ARC is composed of individuals who, collectively, have more than 50 years of experience in the telecommunications industry.

Peter F. Parrinello, the President of ARC, established the company in 1993 as an outgrowth of the telecommunications division of Trans Global Services, Inc., a publicly trade engineering personnel outsourcing firm, where he was an Executive Vice President and Manager of Telecommunications. Mr. Parrinello has more than 25 years of experience in the telecommunications industry beginning with New Telephone and working with all aspects of the business. Mr. Parrinello is a graduate of the New York Institute of Technology.

Anthony Palazzolo, ARC's Director of Business Development, came to ARC from Teleport Communications Group ("TCG"), the nation's first competitive access provider. While at TCG, Mr. Palazzolo managed national relationships with long distance carriers and was responsible for developing TCG's Reseller and Agents Program. Mr. Palazzolo has spent the last 23 years combining his engineering, sales, and marketing abilities in making contributions to Grumman Aerospace Corp., ADT Security Systems, Motorola, and TCG.

EXHIBIT III

TECHNICAL CAPABILITY

A.R.C. Networks, Inc. ("ARC"), the Applicant herein, has the technical capability to provide the proposed services. As noted earlier, the management team at ARC has more than 50 years of experience in the telecommunications industry, including positions with New Telephone, Teleport Communications Group, Grumman Aerospace Corp., ADT Security Systems, and Motorola. Any technical issues that cannot be resolved by ARC will likely be resolved by the underlying carriers whose service ARC resells.

PROPOSED TARIFF

INTEREXCHANGE TELECOMMUNICATIONS SERVICES

TITLE SHEET

FLORIDA TELECOMMUNICATIONS TARIFF

This tariff contains the rules and regulations, service descriptions, and rates applicable to the furnishing of service and facilities for telecommunications services provided by A.R.C. Networks, Inc., with principal offices at 1300 Veterans Memorial Highway, Hauppauge, New York 11788. This tariff is on file with the Florida Public Service Commission, and copies may be inspected, during normal business hours, at the Company's principal place of business.

Issued:

Effective:

By:
By: Peter F. Parrinello, President, CEO
A.R.C. Networks, Inc.
1300 Veterans Memorial Highway
Hauppauge, NY 11788

INTEREXCHANGE TELECOMMUNICATIONS SERVICES

CHECK SHEET

Sheets 1 through 83 inclusive of this tariff are effective as of the date shown at the bottom of the respective sheet(s). Original and revised sheets as named below comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this page.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SYMBOLS

The following are the only symbols used for the purposes indicated below:

D - Delete or Discontinue

I - Change Resulting In An Increase to a Customer's Bill

M - Moved From Another Tariff Location

N - New

R - Change Resulting In A Reduction to a Customer's Bill

T - Change In Text or Regulation But No Change In Rate Or Charge

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

TARIFF FORMAT

- A. **Sheet Numbering** - Sheet numbers appear in the upper right corner of the page. Sheets are numbered sequentially. However, new sheets are occasionally added to the tariff. When a new sheet is added between sheets already in effect, a decimal is added. For example, a new sheet added between sheets 14 and 15 would be 14.1.
- B. **Sheet Revision Numbers** - Revision numbers also appear in the upper right corner of each page. These numbers are used to determine the most current sheet version on file with the Florida Public Service Commission (FPSC). For example, the 4th revised Sheet 14 cancels the 3rd revised Sheet 14. Because of various suspension periods, deferrals, etc. the FPSC follows in their tariff approval process, the most current sheet number on file with the Commission is not always the tariff page in effect. Consult the Check Sheet for the sheet currently in effect.
- C. **Paragraph Numbering Sequence** - There are nine levels of paragraph coding. Each level of coding is subservient to its next higher level.
- 2.
 - 2.1.
 - 2.1.1.
 - 2.1.1.A.
 - 2.1.1.A.1.
 - 2.1.1.A.1.(a).
 - 2.1.1.A.1.(a).I.
 - 2.1.1.A.1.(a).I.(i).
 - 2.1.1.A.1.(a).I.(i).(1).
- D. **Check Sheets** - When a tariff filing is made with the FPSC, an updated check sheet accompanies the tariff filing. The check sheet lists the sheets contained in the tariff, with a cross reference to the current revision number. When new pages are added, the check sheet is changed to reflect the revision. All revisions made in a given filing are designated by an asterisk (*). There will be no other symbols used on this page if these are the only changes made to it (i.e., the format, pages). The tariff user should refer to the latest check sheet to find out if a particular sheet is the most current on file with the FPSC.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 1- TECHNICAL TERMS AND ABBREVIATIONS

Certain terms used generally throughout this tariff for Advanced Communications Service of this Company are defined below.

Add/Drop Multiplexing: A multiplexing function that allows lower level signals to be added or dropped from an Optical Carrier (OC) channel.

Advanced Communications Service: The term "Advanced Communications Service" means any service offered herein.

Advanced Payment: Part of all of a payment required before the start of service.

A.R.C. Networks Facility: The equipment and support facilities utilized by A.R.C. Networks to provide telecommunications services pursuant to this tariff.

A.R.C. Networks Service: The term "A.R.C. Networks Service" means any service offered herein.

A.R.C. Networks Network Services: The Company's intrastate toll service offered for intraLata use.

Authorized User: A person, firm or corporation which is authorized by the Customer or joint user to be connected to the service of the Customer or joint user, respectively. An application for service.

Bit: The smallest unit of information in the binary system of notation.

Company: A.R.C. Networks, Inc ("A.R.C. Networks").

Customer: The person, firm or corporation which orders service and is responsible for the payment of charges and compliance with the terms and conditions of this tariff.

Day: Day Rates apply for any portion of a call occurring Monday through Friday during the period from 8:00 A.M. to but not including 5:00 P.M.

Dedicated: A facility or equipment system or subsystem set aside for the sole use of a specific Customer.

Duplex Service: Service which provides for simultaneous transmission in both directions.

Direct Inward Dial(or "DID"): A service attribute that routes incoming calls directly to stations, by-passing a central answering point.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 1 - TECHNICAL TERMS AND ABBREVIATIONS (continued)

Direct Outward Dial(or "DOD"): A service attribute that allows individual station users to access and dial outside numbers directly.

End Office: The term "end office" denotes the LEC switching system office or serving wire center where Customer station loops are terminated for purposes of interconnection to each other and/or to trunks.

Evening: Evening Rates apply for any portion of a call occurring Monday through Friday during the period from 5:00 P.M. to but not including 11:00 P.M.

Fiber Optic Cable: A thin filament of glass with a protective outer coating through which a light beam carrying communications signals may be transmitted by means of multiple internal reflections to a receiver, which translates the message.

Individual Case Basis: A service arrangement in which the regulations, rates and charges are developed based on the specific circumstances of the case.

Joint User: A person, firm or corporation which is designated by the Customer as a user of Advanced Communications Service furnished to the Customer and to whom a portion of the charges for the service will be billed under a joint user arrangement as specified herein.

Kbps: Kilobits per second, denotes thousands of bits per second.

LATA: A Local Access and Transport Area established pursuant to the Modification of Final Judgement entered by the United States District Court for the District of Columbia in Civil Action No. 82-0192; or any other geographic area designated as a LATA in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

LEC: LEC (local exchange company) refers to the dominant, monopoly local exchange carrier in an area also served by the Company, e.g., BellSouth Corporation or its subsidiaries.

Mbps: Megabits per second, denotes millions of bits per second.

Node: Any A.R.C. Networks or Customer location that is capable of performing Add/Drop Multiplexing.

OC-n: Optical Carrier-n. A SONET optical signal transmitted at rates of $n \times 51.840$ Mbps.
OC-3 = 155.52 Mbps, OC-12 = 622 Mbps.

Port: A facility or equipment system or subsystem set aside for the sole use of a specific Customer.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 1 - TECHNICAL TERMS AND ABBREVIATIONS (continued)

Premises: The space occupied by a Customer or authorized user in a building or buildings.

Recurring Charges: The monthly charges to the Customer for services, facilities and equipment, which continues for the agreed upon duration of the service.

Service Order: The written request for A.R.C. Networks, Inc. services executed by the Customer and the Company in the format devised by the Company. The signing of a Service Order Form by the Customer and acceptance by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff.

Shared: A facility or equipment system or subsystem which can be used simultaneously by several Customers.

Synchronous Optical Network (SONET): A set of international standards for fiber based transmission systems. SONET defines standard optical carrier transmission rates and utilizes a modular multiplexing signal approach based on the application of Synchronous Transport Signals.

Type I Channels: Type I digital channels are provided where both endpoints of a channel are served by the Company's network. Type I Channels are offered at 44.736 Mbps, 6.312 Mbps, 1.544 Mbps, and DS0.

Type II Channels: Type II digital channels are provided where at least one endpoint of a channel is served by the network of an entity with whom the Company's network is interconnected; such channels are provided via a combination of the Company's facilities and the facilities of the interconnected entity. Channels where both endpoints are served by an interconnected entity's network will be provided at the Company's sole discretion on an Individual Case Basis (ICB). Type II Channels are provided at 44.736 or 1.544 Mbps, as well as at DS0.

User: An Authorized User, Customer or Joint User at whose Premises the Company furnishes interstate common carrier service pursuant to general tariff.

Weekend: Weekend rates apply for any portion of a call occurring during the period from 11:00 P.M. to but not including 8:00 A.M. Sunday through Friday, all Saturday, and Sunday to but not including 5:00 P.M.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS**2.1 Undertaking of the Company**

This tariff sets forth the service offering, rates, terms and conditions applicable to the furnishing of intrastate Advanced Communication Services by A.R.C. Networks, Inc. to customers within the State of Florida.

A.R.C. Networks Service consists of any of the services offered pursuant to this tariff, either individually or in combination. Each service is offered independent of the others, unless otherwise noted. Service is offered via the Company's facilities in combination with resold services, intraLATA services, or transmission facilities provided by other certificated carriers.

2.2 Application for Service

Customers desiring to obtain A.R.C. Networks Service must complete the Company's standard service order form(s).

2.3 Advance Payment

To safeguard its interests, the Company may require a Customer to make an advance payment before services and facilities are furnished. The advance payment will not exceed an amount equal to the non-recurring charge(s) and one month's charges for the service or facility. In addition, where special construction is involved, the advance payment may also include an amount equal to the estimated non-recurring charges for the special construction and recurring charges for a period to be set between the Company and the Customer (if any). The advance payment will be credited to the Customer's initial bill.

A customer whose service has been discontinued for non-payment of bills will be required to pay the unpaid balance due A.R.C. Networks, Inc. and may be required to pay reconnect charges. A fee of \$20 or 5% of the check amount will be charged to the customer in the event of a returned check.

2.4 Notice

Notice shall be deemed properly given if delivered in person or when deposited with the U.S. Postal Service.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.5 Payment**

The Customer is responsible for the payment of all charges for facilities and services furnished to the Customer or to authorized or joint users.

2.5.1 Taxes

Customer shall pay all sales, use, gross receipts, excise, access, bypass, or other local, state and Federal taxes, charges, or surcharges, however designated, imposed on or based upon the provision, sale or use of the Services (excluding taxes on the Company's net income). Such taxes shall be separately stated on the applicable invoice.

2.5.2 Billing and Collection of Charges

At such time as the Company completes installation or connection of the necessary facilities and/or equipment to provide A.R.C. Networks Service, the Company shall conduct appropriate tests thereon. Upon successful completion of such tests the Company shall notify the Customer that such services are available for use, and the date of such notice shall be called the "Service Date" and shall be the starting date for billing.

Customer shall pay the amount(s) as specified in the tariff for the Services. Nonrecurring charges, including construction, are due in advance. Fixed recurring charges shall be billed in advance after the Service date is determined and will be due no later than thirty (30) days after the date of the invoice. Variable recurring charges and other charges shall be billed as incurred, and will be due no later than thirty (30) days after the date of the invoice. Any amount not received within the thirty (30) day period will be subject to the Company's standard late charge of 1.5% per month, or, if lower, the legal limit applicable to such charges. Customer agrees to review each invoice promptly and to notify the Company of any discrepancies within 45 days of receipt of each invoice. In the event that the Company's computerized usage recording system fails or is otherwise unavailable for all or part of any billing period, the Company shall be entitled to make a reasonable estimate of the Customer's usage of Services in the period in question for billing purposes.

When service does not begin on the first day of the month, or end on the last day of the month, the charge for the fraction of the month service was furnished will be calculated on a pro rata basis. For this purpose, every month is considered to have thirty (30) days.

Company shall be entitled to make a reasonable estimate of the Customer's usage of Services in the period in question for billing purposes.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.5 Payment (continued)****2.5.3 Cancellation of Application for Service**

Applications for service are non-cancelable unless the Company otherwise agrees. Where the Company permits the Customer to cancel an application for service prior to the start of service or prior to any special construction, no charges will be imposed except for those specified below.

Where, prior to cancellation by the Customer, the Company incurs any expenses in installing the service or in preparing to install the service that it otherwise would not have incurred, a charge equal to the costs the Company incurred, less net salvage, shall apply, but in no case shall this charge exceed the sum of the charge for the minimum period of service ordered, including installation charges, and all charges others levy against the Company that would have been chargeable to the Customer had service begun (all discounted to present value at 6%).

Where the Company incurs any expense in connection with special construction, or where special arrangements of facilities or equipment have begun before the Company receives a cancellation notice, a charge equal to the costs incurred, less net salvage, applies. In such cases the charge will be based on such elements as the cost of the equipment, facilities, and material, the supervision, general and administrative expense, other provision for return on investment, and any other costs associated with the special construction or arrangements.

2.5.4 Allowances for Interruptions in Service

Interruptions in service, which are not due to the negligence of, or non-compliance with the provisions of this tariff by, the Customer or of an authorized or joint user, or to the operation or malfunction of the facilities, power or equipment provided by the Customer or authorized or joint user, will be credited to the Customer for the part of the service that the interruption affects.

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SECTION 2 - RULES AND REGULATIONS (continued)**2.5 Payment (continued)****2.5.5 Credit for Interruptions**

A credit allowance will be given on a per line basis for any period during which any line subscribed to by the Customer hereunder and/or, if applicable, Company-provided station equipment attached thereto is out of service, except as specified below. Out of Service conditions are defined as complete loss of call origination and/or receipt capability. Credit allowances, if any, shall be deducted from the charges payable by the Customer hereunder and shall be expressly indicated on the next bill to the Customer.

An interruption period begins when the Customer reports a malfunction in service to the Company. A malfunction period ends when the affected line and/or associated station equipment is fully operative.

A. Credit Allowances do not apply to Interruptions

1. caused by Customer;
2. due to failure of power or equipment provided by the Customer or others;
3. during any period in which the Company is not given access to the service premises; and
4. due to scheduled maintenance and repair.

B. Interruption of 24 Hours or Less - Portion of Daily Per Line Charge

<u>Length of Service Interruption</u>	<u>Credit</u>
Less than 4 hours	None
4 hours up to but not including 8 hours	1/3 of day
8 hours up to but not including 12 hours	1/2 of day
12 hours up to but not including 16 hours	2/3 of day
16 hours up to but not including 24 hours	One day

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.5 Payment (continued)****2.5.5 Credit for Interruptions (continued)**

Two or more service interruptions of the same type to the same line/equipment of 2 hours or more during any one twenty-four hour period shall be considered as one interruption. In no event shall such interruption credits for any one line/equipment exceed one day's fixed recurring charges for such line/equipment in any 24-hour period.

C. Interruptions over 24 Hours - Service interruptions over 24 hours will be credited 4 hours for each 4-hour period or fraction thereof. No more than one full day's credit will be allowed for any period of 24 hours.

Limitation Allowances - No credit allowance will be made for:

1. Interruptions due to the negligence of, or non-compliance with the provisions of this tariff by, the Customer, authorized user, joint user, or other common carrier providing service connected to the service of the Company;
2. Interruptions of service due to the failure or malfunction of facilities, power or equipment provided by the Customer, authorized user, joint user, or other common carrier providing service connected to the service offered by the Company;
3. Interruptions of service during any period in which the Company is not given access to the premises at which the Company provided service is interrupted or terminated.
4. Interruptions of service that occur or continue due to the Customer's failure to authorize replacement of any element of special construction.
5. Interruptions of service during any period when the Customer, authorized user, or joint user has released service to the Company for maintenance purposes or for implementation of a Customer order for a change in service arrangements.

2.6 Disputed Bills

The Customer may dispute a bill only by written notice to the carrier delivered within 15 days after the statement date. Unless such notice is received in the timely fashion indicated above, the bill statement shall be deemed to be correct and payable in full by Customer. If the Customer is unable to resolve any dispute with the Company, then Customer may request information or assistance from the F.P.S.C.

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SECTION 2 - RULES AND REGULATIONS (continued)**2.7 Discontinuance and Restoration of Service**

Upon non-payment of any charges or deposits owing to the Company, the Company may, by 10 days prior written notice to the Customer, discontinue or suspend service under this tariff without incurring any liability.

Upon violation of any of the other terms or conditions for furnishing service under this tariff, the Company, by 30 days' prior notice in writing to the Customer, may discontinue or suspend service under this tariff, without incurring any liability.

Upon condemnation of all or any material portion of the facilities used by the Company to provide service to a Customer or in the event a casualty renders all or any material portion of such facilities inoperable beyond feasible repair, the Company, by notice to the Customer, may discontinue or suspend service under this tariff without incurring any liability.

Upon the Customer filing for bankruptcy or reorganization or failing to discharge an involuntary petition therefore within the time permitted by law, the Company may immediately discontinue or suspend service under this tariff without incurring any liability.

If all or any significant portion of the facilities or associated equipment used to provide the Service to Customer shall be taken for any public or quasi-public purpose by any lawful power or authority by the exercise of the right of condemnation or eminent domain, Company shall be entitled to elect to terminate service upon written notice to Customer.

Upon the Company's discontinuance of service to the Customer, the Company, in addition to all other remedies that may be available to the Company at law or in equity or under any other provision of this tariff, may declare all future monthly and other charges which would have been payable by the Customer during the remainder of the minimum term for which such services would have otherwise been provided to the Customer to be immediately due and payable (discounted to present value at 6%).

The use and restoration of service in emergencies shall be in accordance with Part 64, Subpart D of the Federal Communications Commission's rules and Regulations and the Regulations of the F.P.S.C which specify the priority system for such activities.

2.8 Rate Information

The Company will promptly advise Customers who may be affected of new, revised or optional rates applicable to their service.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.8 Rate Formation (continued)**

Pertinent information regarding the Company's services, rates and charges shall be provided directly to Customers, or shall be available for inspection at the Company's local business address.

2.9 Temporary Service

Temporary service will be provided if such service provision is consistent with the best interest of the Company.

2.10 Continuity of Service

In the event of prior knowledge of an interruption of service for a period exceeding one day, the Customers will, if feasible, be notified in writing, by mail, at least one week in advance.

2.11 Service Connections and Facilities on Customer's Premises**2.11.1 Provision of Equipment and Facilities**

All services along the facilities between the point identified as the Company's origination point and the point identified as the Company's termination point will be furnished by the Company, its agents, vendors or contractors.

The Company may undertake to use reasonable efforts to make available services to a Customer on or before a particular date, subject to the provisions of and compliance by the Customer with, the regulations contained in this tariff. The Company does not guarantee availability by any such date and shall not be liable for any delays in commencing service to any Customer.

The Company undertakes to use reasonable efforts to maintain only the facilities and equipment that it furnishes to the Customer. The Customer, joint user, or authorized user may not, nor may he permit others to, rearrange, disconnect, remove, attempt to repair, or otherwise tamper with any of the facilities or equipment installed by the Company, except upon the written consent of the Company.

Equipment the Company provides or installs at the Customer's premises for use in connection with the services the Company offers shall not be used for any purpose other than that for which the Company provided the equipment.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.11 Service Connections and Facilities on Customer's Premises (continued)****2.11.1 Provision of Equipment and Facilities (continued)**

The Customer shall be responsible for the payment of service charges as set forth herein for visits by the Company's agents or employees to the premises of the Customer, joint user, or authorized user when the service difficulty or trouble report results from the use of equipment or facilities the Customer, joint user, or authorized user provided.

The Company shall not be responsible for the installation, operation, or maintenance of any Customer provided communications equipment. Where such equipment is connected to the facilities furnished pursuant to this tariff, the responsibility of the Company shall be limited to the furnishing of facilities offered under this tariff and to the maintenance and operation of such facilities; subject to this responsibility the Company shall not be responsible for:

A. The transmission of signals by Customer provided equipment or for the quality of, or defects in, such transmission; or

B. The reception of signals by Customer provided equipment.

The Customer, authorized user, or joint user is responsible for ensuring that Customer provided equipment connected to Company equipment and facilities is compatible with such Company equipment and facilities. The magnitude and character of the voltages and currents impressed on Company provided equipment and wiring by the connection, operation, or maintenance of such equipment and wiring shall be such as not to cause damage to the Company provided equipment and wiring or injury to the Company's employees or to other persons. Customer will submit to Company a complete manufacturer's specification sheet for each item of equipment that is not provided by the Company and which shall be attached to the Company's facilities. The Company shall approve the use of such item(s) of equipment unless such item is technically incompatible with Company's facilities. Any additional protective equipment required to prevent such damage or injury shall be provided by the Company at the Customer's expense.

Any special interface equipment necessary to achieve compatibility between the facilities and equipment of the Company used for furnishing A.R.C. Networks Service and the channels, facilities, or equipment of others shall be provided at the Customer's expense.

A.R.C. Networks Service may be connected to the services or facilities of other communications carriers only when authorized by, and in accordance with, the terms and conditions of the tariffs of the other communications carrier which are applicable to such connections.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.11 Service Connections and Facilities on Customer's Premises (continued)****2.11.2 Shortage of Equipment or Facilities**

The Company reserves the right to limit or to allocate the use of existing facilities, or of additional facilities offered by the Company, when necessary because of a lack of facilities, or due to any other cause beyond the Company's control.

The furnishing of service under this tariff is subject to the availability on a continuing basis of all the necessary facilities and is limited to the capacity of the Company's facilities as well as facilities the Company may obtain from other carriers to furnish service from time to time as required at the sole discretion of the Company.

2.11.3 Prohibited Uses

The services the Company offers shall not be used for any unlawful purpose or for any use as to which the Customer has not obtained all governmental approvals, authorizations, licenses, consents and permits required to be obtained by the Customer with respect thereto.

The Company may require applicants for service who intend to use the Company's offerings for resale and/or for shared use to file a letter with the Company confirming that their use of the Company's offerings complies with relevant laws and F.P.S.C. regulations, policies, orders, and decisions.

The Company may, without obtaining any further consent from the Customer, assign any rights, privileges, or obligations under this tariff. The Customer shall not, without prior written consent of the Company, which consent shall not be unreasonably withheld, assign, transfer, or in any other manner dispose of, any of its rights, privileges, or obligations under this tariff, and any attempt to make such an assignment, transfer or disposition without consent shall be null and void.

The Company may require a Customer to immediately shut down its transmission of signals if said transmission is causing interference to others.

A Customer may not use the services so as to interfere with or impair service over any facilities and associated equipment, or so as to impair the privacy of any communications over such facilities and associated equipment.

Customer use of any resold service obtained from other service providers shall also be subject to any applicable restrictions in the underlying providers' publicly available tariffs.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.11 Service Connections and Facilities on Customer's Premises (continued)****2.11.3 Prohibited Uses (continued)**

A Customer, joint user, or authorized user shall not represent that its services are provided by the Company, or otherwise indicate to its Customers that its provision of services is jointly with the Company, without the written consent of the Company. The relationship between the Company and Customer shall not be that of partners or agents for one or the other, and shall not be deemed to constitute a partnership or agency agreement.

2.11.4 Non-Routine Installation

At the Customer's request, installation and/or maintenance may be performed outside the Company's regular business hours or in hazardous locations. In such cases, charges based on cost of the actual labor, material, or other costs incurred by or charged to the Company will apply. If installation is started during regular business hours but, at the Customer's request, extends beyond regular business hours into time periods including, but not limited to, weekends, holidays, and/or night hours, additional charges may apply.

2.11.5 Special Construction

Subject to the agreement of the Company and to all of the regulations contained in this tariff, special construction of facilities may be undertaken on a reasonable efforts basis at the request of the Customer.

Special construction is that construction undertaken:

- A. where facilities are not presently available, and there is no other requirement for the facilities so constructed;
- B. of a type other than that which the Company would normally undertake in the furnishing of its services;
- C. over a route other than that which the Company would normally utilize in the furnishing of its services;
- D. in a quantity greater than that which the Company would normally construct;
- E. on an expedited basis;
- F. on a temporary basis until permanent facilities are available;
- G. involving normal cost; or

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SECTION 2 - RULES AND REGULATIONS (continued)**2.11 Service Connections and Facilities on Customer's Premises (continued)****2.11.5 Special Construction (continued)**

H. in advance of its normal construction.

2.11.6 Obligations of the Customer

The Customer shall be responsible for:

- A. The payment of all applicable charges as set forth in this tariff.
- B. Damage or loss of the Company's facilities or equipment caused by the acts or omissions of the Customer, authorized user, or joint user or the non-compliance by the Customer, authorized user, or joint user with these regulations; or by fire or theft or other casualty on the premises of the Customer, authorized user, or joint user unless caused by the negligence or willful misconduct of the employees or agents of the Company;
- C. Providing as specified from time to time by the Company any needed personnel, equipment, space and power to operate Company facilities and equipment installed on the premises of the Customer, authorized user, or joint user and the level of heating and air conditioning necessary to maintain the proper environment on such premises;
- D. Obtaining, maintaining, and otherwise having full responsibility for all rights of way and conduit necessary for installation of facilities and associated equipment used to provide Advanced Communications Service to the Customer, authorized user, or joint user from the point of entry to the termination point of the Customer's premises. Any and all costs associated with the obtaining and maintaining of the rights of way described herein, including the costs of altering the structure to permit installation of the Company provided facilities, shall be borne entirely by, or may be charged by the Company to the Customer. The Company may require the Customer to demonstrate its compliance with this section prior to accepting an order for service.
- E. Providing a safe place to work and complying with all laws and regulations regarding the working conditions on the premises at which Company employees and agents shall be installing or maintaining the Company's facilities and equipment. The Customer may be required to install and maintain Company facilities and equipment within a hazardous area if harm to the Company's employees or property might result from installation or maintenance by the Company.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.11 Service Connections and Facilities on Customer's Premises (continued)****2.11.6 Obligations of the Customer (continued)**

- F. Complying with all laws and regulations applicable to, and obtaining all consents, approvals, licenses and permits as may be required with respect to, the location of Company facilities and equipment in any Customer premises or the rights-of-way for which the Customer is responsible, and obtaining permission for Company agents or employees to enter the premises of the Customer, authorized user, or joint user at any reasonable hour for the purpose of installing, inspecting, repairing, or, upon termination of service as stated herein, removing the facilities or equipment of the Company;
- G. Making Company facilities and equipment available periodically for maintenance purposes at a time agreeable to both the Company and the Customer. No allowance will be made for the period during which service is interrupted for such purposes.
- H. Keeping the Company's equipment and facilities located on the Customer's premises or rights-of-way obtained by the Customer free and clear of any liens or encumbrances relating to the Customer's use of the Company's services or from the locations of such equipment and facilities.

2.11.7 Liability of the Company

Because the Customer has exclusive control of its communications over the services furnished by the Company, and because interruptions and errors incident to these services are unavoidable, the services the Company furnishes are subject to the terms, conditions, and limitations specified in this tariff and to such particular terms, conditions, and limitations as set forth in the special regulations applicable to the particular services and facilities furnished under this tariff.

The liability of the Company for damages arising out of the furnishing of these services, including but not limited to mistakes, omissions, interruptions, delays, or errors, or other defects, representations, or use of these services or arising out of the failure to furnish the service, whether caused by acts of commission or omission, shall be limited to the extension of allowances for interruption. The extension of such allowances for interruption shall be the sole remedy of the Customer, authorized user, or joint user and the sole liability of the Company. The Company will not be liable for any special, consequential, exemplary or punitive damages a Customer may suffer, whether or not caused by the intentional acts or omissions or negligence of the Company's employees or agents.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.11 Service Connections and Facilities on Customer's Premises (continued)****2.11.7 Liability of the Company (continued)**

The Company shall not be liable for any failure of performance or equipment due to causes beyond its control, including but not limited to: acts of God, fire, flood or other catastrophes; any law, order, regulation, direction, action, or request of the United States Government, or of any other government, including state and local governments having or claiming jurisdiction over the Company, or of any department, agency commission, bureau, corporation, or other instrumentality of any one or more of these federal, state, or local governments, or any civil or military authority; national emergencies; insurrections; riots; wars; unavailability of rights-of-way or materials; or strikes, lock-outs, work stoppages, or other labor difficulties.

The Company shall not be liable for any act or omission of any entity furnishing to the Company or to the Company's Customers facilities or equipment used for or with the services the Company offers.

The Company shall not be liable for any damages or losses due to the fault or negligence of the Customer or due to the failure or malfunction of Customer provided equipment or facilities.

The Company shall not be liable for the claims of vendors supplying equipment to Customers of the Company which may be installed at premises of the Company nor shall the Company be liable for the performance of said vendor or vendor's equipment.

The Company does not guarantee nor make any warranty with respect to installations it provides for use in an explosive atmosphere. The Customer indemnifies and holds the Company harmless from any and all loss, claims, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted, or asserted by any other party or person(s), and for any loss, damage, or destruction of any property, whether owned by the Customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal, presence, condition, location, or use of any installation so provided.

The Company is not liable for any defacement of or damage to the premises of a Customer (or authorized or joint user) resulting from the furnishing of services or equipment on such premises or the installation or removal thereof, when such defacement or damage is not the result of negligence or willful misconduct on the part of the agents or employees of the Company.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.11 Service Connections and Facilities on Customer's Premises (continued)****2.11.7 Liability of the Company (continued)**

The Company shall not be liable for any damages resulting from delays in meeting any service dates due to delays resulting from normal construction procedures. Such delays shall include, but not be limited to, delays in obtaining necessary regulatory approvals for construction, delays in obtaining right-of-way approvals and delays in actual construction work.

The Company shall not be liable for any damages whatsoever to property resulting from the installation, maintenance, repair or removal of equipment and associated wiring unless the damage is caused by the Company's willful misconduct or negligence.

The Company shall not be liable for any damages whatsoever associated with service, facilities, or equipment which the Company does not furnish or for any act or omission of Customer or any other entity furnishing services, facilities or equipment used for or in conjunction with A.R.C. Networks, Inc.

The Company shall not incur any liability, direct or indirect, to any person who dials or attempts to dial the digits "9-1-1" or to any other person who may be affected by the dialing of the digits "9-1-1".

THE COMPANY MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE, EXCEPT THOSE EXPRESSLY SET FORTH HEREIN.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.11 Service Connections and Facilities on Customer's Premises (continued)****2.11.8 Claims**

The Customer and any authorized or joint users, jointly and serially, shall indemnify and hold the Company harmless from claims, loss, damage, expense (including attorneys fees and court costs), or liability for patent infringement arising from (1) combining with, or using in connection with facilities the Company furnished, facilities the Customer, authorized user, or joint user furnished or (2) use of facilities the Company furnished in a manner the Company did not contemplate and over which the Company exercises no control; and from all other claims, loss, damage, expense (including attorneys fees and court costs), or liability arising out of any commission or omission by the Customer, authorized user, or joint user in connection with the service. In the event that any such infringing use is enjoined, the Customer, authorized user, or joint user, at its option and expense, shall obtain immediately a dismissal or stay of such injunction, obtain a license or other agreement so as to extinguish the claim of infringement, terminate the claimed infringing use, or modify such combination so as to avoid any such infringement. In addition and without limitation, the Customer, authorized user, or joint user shall defend, on behalf of the Company and upon request by the Company, any suit brought or claim asserted against the Company for any such slander, libel, infringement, or other claims.

2.11.9 Station Equipment

Customer provided terminal equipment on the premises of the Customer, authorized user, or joint user, the operating personnel there, and the electric power consumed by such equipment shall be provided by and maintained at the expense of the Customer, authorized user, or joint user. Conformance of Customer provided station equipment with part 68 of the FCC Rules is the responsibility of the Customer.

2.12 Measurement of Service

Calling is billed per call according to duration for applicable services. Calls are timed in whole minute increments, with each fraction of a minute rounded up to the next whole minute. Timing begins with completion of the connection to the called number and ends with the termination of the connection.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.13 Tests, Adjustments and Inspections****2.13.1 Testing and Adjusting**

Upon suitable notice, the Company may make such tests, adjustments, and inspections as may be necessary to maintain the Company's facilities in satisfactory operating condition. No interruption allowance will be credited to the Customer for the period during which the Company makes such tests, adjustments, or inspections.

2.13.2 Inspections

Upon suitable notification to the Customer, and at a reasonable time, the Company may make such tests and inspections as may be necessary to determine that the Customer, authorized user, or joint user is complying with the requirements set forth above for the installation, operation, and maintenance of Customer provided facilities, equipment, and wiring in the connection of Customer provided facilities and equipment to company owned facilities and equipment.

If the protective requirements for Customer provided equipment are not being complied with, the Company may take such action as it deems necessary to protect its facilities, equipment, and personnel. The Company will notify the Customer promptly if there is any need for further corrective action. Within (10) days of receiving this notice, the Customer must take such action. If the Customer fails to do this, the Company may take whatever additional action is deemed necessary, including the suspension of service, to protect its facilities, equipment, and personnel from harm.

2.14 Supply to Separate Premises and Resale

A.R.C. Networks Service may be connected to the services or facilities of other communications carriers only when authorized by, and in accordance with, the terms and conditions of the tariffs of the other communications carrier which are applicable to such connections.

2.14.1 Interconnection Provisions

Facilities furnished under this tariff may be connected to Customer provided terminal equipment in accordance with the provisions of this tariff.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 2 - RULES AND REGULATIONS (continued)**2.14 Supply to Separate Premises and Resale (continued)****2.14.2 Joint Use Arrangements**

Joint use arrangements will be permitted for all services offered pursuant to this tariff. From each joint use arrangement, one member will be designated the Customer responsible for the manner in which the joint use of the service will be allocated. The Company will accept orders to start, rearrange, relocate, or discontinue service only from this Customer. Without affecting the Customer's ultimate responsibility for payment of all charges of the service, each joint user shall be responsible for the payment of the charges billed to it.

2.15 Ownership of Facilities

Title to all facilities provided in accordance with this tariff remains in the Company, its agents or contractors. The Customer shall not have, nor shall it assert, any right, title or interest in all the fiber optic or other facilities and associated equipment provided by the Company hereunder.

2.16 Rights-of-Way

Where economically feasible, the Company shall directly or through third parties use reasonable efforts to obtain and maintain rights-of-way necessary for installation of facilities used to provide A.R.C. Networks Service. Except as otherwise provided herein, any and all costs associated with acquiring the rights-of-way up to the point of entry to the Customer's location shall be borne entirely by the Company. Any and all costs associated with obtaining and maintaining of the rights-of-way from the point of entry at the Customer's location to the termination point where service is finally delivered to the Customer, including, but not limited to, the costs of installing conduit or of altering the structure to permit installation of Company provided facilities, shall be borne entirely by the Customer. The Customer's use of such rights-of-way shall in all respects be subject to the terms, conditions and restrictions of such rights-of-way and of agreements between the Company and such third parties relating thereto, including without limitation, the duration applicable to and the condemnation of such rights-of-way, and shall not be in violation of any applicable governmental ordinance, law, rule, regulation or restriction. Where applicable, the Customer agrees that it shall assist the Company in the procurement and maintenance of such right-of-way.

2.17 Services Provided by Other Carriers

The Company shall have no responsibility with respect to billings, charges or disputes related to services used by the Customer which are not included in the services herein including, without limitation, any local, regional and long distance services not offered by the Company. The Customer shall be fully responsible for the payment of any bills for such services and for the resolution of any disputes or discrepancies with the service provider.

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SECTION 2 - RULES AND REGULATIONS (continued)**2.18 Governmental Authorizations**

The provision of A.R.C. Networks Service is subject to and contingent upon the Company obtaining and retaining such approvals, consents, governmental authorizations, licenses and permits, as may be required or be deemed necessary by the Company. The Company shall use reasonable efforts to obtain and keep in effect all such approvals, consents, authorizations, licenses and permits that may be required to be obtained by it. the Company shall be entitled to take, and shall have no liability whatsoever for, any action necessary to bring the Services into conformance with any rules, regulations, orders, decisions, or directives imposed by the Federal Communications Commission or other applicable agency, and the Customer shall fully cooperate in and take such action as may be requested by the Company to comply with any such rules, regulations, orders, decisions, or directives.

2.19 Term

The minimum term for any A.R.C. Networks, shall not be less than one year, unless otherwise agreed by the Company. The Customer and Company may agree to longer minimum terms for particular services.

2.20 Moves, Adds, and Changes

Upon receipt of written notice from the Customer, the Company will add, delete or change locations or features of specific lines and equipment. The Company shall charge the Customer a non-recurring charge for such service. In the event that in excess of 10% of the lines and equipment that were installed are deleted, the Customer will be subject to the Company's standard termination charges.

2.21 Exclusion Requirements and Employee Concessions

A.R.C. Networks does not grant exclusion requirements for specific services.

A.R.C. Networks does not grant employee concessions for the use of Advanced Communication Services.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 3 - SERVICE DESCRIPTION DEDICATED ACCESS SERVICES**3.1 A.R.C. Networks Dedicated Access Services**

A.R.C. Networks Dedicated Access Services consists of any of the services offered pursuant to this tariff, either individually or in combination. Each service is offered independent of the others. Service is offered via the Company's facilities for the transmission of one-way or two-way communications, unless otherwise noted.

3.2 General

Digital channels over the Company's network are furnished for full-duplex transmission of digital signals at operating speeds as follows:

DS3 = 44.736 Mbps

DS1 = 1.5 Mbps

DS0 = up to 64 kbps

Video Link = 4.2 MHz bandwidth

LAN Connect Service = 4, 10, or 16 Mbps

Omni Connect Service = OC-3 and OC-12 Sonet Rings

3.3 DS3 (44.736 Mbps)

Digital channels furnished by the Company at 44.736 Mbps, interconnections to such channels and equipment interfacing to such channels shall meet the following technical characteristics:

Line Rate: 44.736 Mbps +/- 20 ppm

Line Code: Bipolar with three-zero substitution

Test Load: 75 ohms resistance +/- 5 percent

Power Levels: For an all-ones transmitted pattern, the power in a 2 KHz band about 22.368 KHz shall be -1.8 to +5.7 dBm and the power in a 2 KHz band about 44.736 KHz shall be at least 20 dB below that in a 2 KHz band about 22.368 KHz.

NOTES: The power levels specified by CCITT Recommendation G.703 are identical except that the power is to be measured in 3 KHz bands.

Digital channels furnished by the Company at 44.736 Mbps will be provided by the Company in one of the following configurations, as specified by the Customer (there is no price differential):

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 3 - SERVICE DESCRIPTION DEDICATED ACCESS SERVICES (continued)**3.3 DS3 (44.736 Mbps) (continued)**

Clear Channel DS3: A DS3 signal that is transmitted intact and transparently as provided at the Customer interface. No performance monitoring is performed since all 44.736 Mbps are considered Customer data or voice.

M13 Framed DS3: A DS3 that is channelized into 28 DS1 (1.54 Mbps) signals and includes a predefined standard multiplexing scheme as defined in ANSI T1.107a. The M13 DS3 contains parity bits which can be monitored to offer an approximate measure of performance. 43.232 Mbps is customer data (or voice), the remainder being used for framing, synchronization, parity, etc.

C-bit Parity Framed DS3: Can be used for subrated or non- subrated DS3 signals, allows DS3 signal monitoring for an end-to-end performance measurement on an in-service basis, transmitted on the maintenance data communications channel. The C-bit parity format is defined in ANSI T1.107a. 43.232 Mbps is customer data (or voice), the remainder being used for framing, synchronization, parity, etc.

3.4 DS1 (1.544 Mbps)

Digital channels furnished by the Company at 1.544 Mbps, interconnections to such channels and equipment interfacing to such channels shall meet the following technical characteristics:

Line Rate: 1.544 Mbps +/- 130 ppm

Line Code: AMI: bipolar with at least 12.5% average ones density and no more than 15 consecutive zeros;

-- or --

B8ZS: no minimum density of ones and nonconsecutive zeros limit.

Test Load: 100 ohms resistance.

Pulse Shape: The pulse amplitude shall be between 2.4 and 3.6 volts.

Power Levels: For an all-ones transmitted pattern, the power in a 2 KHz band about 772 KHz shall be 12.4-18.0 dBm and the power in a 2 KHz band about 1544 KHz shall be at least 29 dB below that in a 2 KHz band about 771 KHz.

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SECTION 3 - SERVICE DESCRIPTION DEDICATED ACCESS SERVICES (continued)**3.4 DS1 (1.544 Mbps) (continued)**

Pulse Imbalance: There shall be less than 0.5 dB difference between the total power of the positive pulses and of the negative pulses.

NOTES: The CCITT specification is +/- 50 ppm

Recommended for new equipment: The power in a 2 KHz band about 772 KHz shall be 12.6-17.9 dBm.
CCITT requirements: The power in a 3 KHz band about 772 KHz is 12.0-19.0 dBm.

CCITT requirements: The power in a 3 KHz band about 1544 KHz shall be at least 25 dB below that in a 3 KHz band about 772 KHz.

Digital channels furnished by the Company at 1.544 Mbps will be provided in one of the following configurations, as specified by the customer (there is no price differential):

Unframed DS1: A DS1 signal that does not follow standard framing formats of 192 bits for data and a 193rd bit for framing. An unframed DS1 cannot be synchronized to the network and is not performance monitored.

D4/SF DS1: A framed DS1 consisting of 12 frames (2316 bits) of 192 bits preceded by one framing bit (F bit). The 12 frames, called a superframe, provide a mechanism for identifying robbed-bit signaling channels. This service can be coded as AMI or B8ZS.

ESF DS1: Extends superframe structure from 12 to 24 frames (4632 bits) and redefines the 8 kbps pattern into 2 kbps for mainframe and robbed-bit signaling synchronization, 2 kbps for CRC-6 and 4 kbps for terminal-to-terminal data link. This service can be coded as AMI or B8ZS.

Fanout DS1 Service

Fanout DS1 Service allows a customer to aggregate up to 28 DS1 digital channels which terminate at the same location into a single DS3 Local Distribution Channel. DS1 and DS3 channels provided as part of a Fanout DS1 Service shall meet the technical specifications prescribed herein.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 3 - SERVICE DESCRIPTION DEDICATED ACCESS SERVICES (continued)**3.5 DS0 Service**

DS0 service is a Digital Transmission Service furnished by the Company at transmission speeds of 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, 56 kbps, 64 kbps, or in multiples of 56 kbps or 64 kbps up to a total of 1.544 Mbps. Such channels will be configured by the Company to transmit digital data at specified data rates or analog signals converted to digital signals, as described below. DS0 services are provided as either a "Basic DS1 Service" consisting of a point-to-point digital channel, or as a "Fanout DS0 Service" which allows a Customer to aggregate up to 24 DS0 channels that terminate in the same location into a single DS1 Local Distribution Channel. Interconnections to such channels and equipment interfacing to such channels shall meet the technical characteristics described below in connection with each service configuration. The NCI Codes referenced below are defined in Bell Communications Research (Bellcore) publication TR-NPL-000335. Each DS0 channel will be provided in one of the following configurations, as specified by the Customer:

Effective 2-Wire DS0 Service

This provides a digital transmission channel capable of normally carrying, among other information, the digitized representation of human speech. At the Company's point of interconnection with the User, the service will have the technical characteristics of a standard 2-wire analog telephone circuit. Specific configurations are as follows:

3.5.1 Private Line Manual Ringdown:

2 wire, 600 ohm or 900 ohm, Loop Start with industry standard demarcation (NCI Code: 02AC2, 02AC3). Provides a circuit connecting two specific locations, where signalling (i.e., ringing current) is provided externally by the Customer. A transmission can be originated from either end. Ringing at 20 Hz will be at industry-standard voltage and current.

3.5.2 Private Line Automatic Ringdown (PLAR):

2 wire, 600 ohm, Loop Start with industry standard demarcation (NCI Code: 02LR2). Provides a circuit connecting two specific locations, where signalling (ringing) is automatically generated by the Company upon off hook (transmission origination). Either end can originate. Ringing at 20 Hz will be at industry-standard voltage and current.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 3 - SERVICE DESCRIPTION DEDICATED ACCESS SERVICES (continued)**3.5 DSO Service (continued)****3.5.3 OPX/Tie Line/FX/Tie Trunk Private Lines(OPX):**

2 wire, 600 ohm or 900 ohm, Loop Start, Ground Start, or E+M, with industry standard demarcation (Possible NCI Codes: 02LS2, 02LS3, 02GS2, 02GS3, 02LO2, 02GO2, 04EA2-M, 04EA2-E, 06EB2-M, 06EB2-E). The circuit will be transparent to OPX signalling (e.g., DP or MF dialing, ringing).

3.5.4 2-Wire Transmission Only:

2 wire, 600 ohm, open loop (continuously connected) with industry standard demarcation (NCI Code: 02NO2). C4 conditioned circuit connecting two locations, typically used for voice-grade data services.

3.5.5 Effective 4-Wire DSO Service

This provides a digital transmission channel capable of normally carrying, among other information, the digitized representation of human speech and duplex transmission of data converted to analog signals. At the Company's point of interconnection with the User, the service will have the technical characteristics of a standard 4-wire data-conditioned telephone circuit. Specific configurations are as follows:

3.5.6 4-wire Transmission Only:

4 wire, 600 ohm, open loop (continuously connected), with industry standard demarcation. C4/D1 conditioned circuit, with separate transmit and receive wire pairs. (NCI Codes: 04N02, 04DA2.).

3.5.7 4-Wire Tie Line/Tie Trunk Private Lines:

4-wire talk path, 600 ohm, with industry standard demarcation. Additional leads for signalling, supporting Type I, II, and III E+M or reverse E+M. (NCI Codes: 06EA2-M, 06EA2-E, 8EB2-M, 08EB2-E, and 08EC2.)

3.5.8 Digital DSO Service

This provides a digital transmission channel capable of normally carrying synchronous digital data signals. The following service configurations are available:

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 3 - SERVICE DESCRIPTION DEDICATED ACCESS SERVICES (continued)**3.5 DS0 Service (continued)****3.5.9 Low Speed DS0 Data Service**

Provides a point-to-point, DDS-compatible full-duplex synchronous circuit operating at 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, or 19.2 Kbps, with error correction. Supports all DDS control codes. Secondary channel is supported. (Possible NCI Codes: 04DU5-24, 4DU5-48, 04DU5-96, 04DU5-19).

3.5.10 56 Kbps DS0 Data Service

Provides a point-to-point, DDS compatible full-duplex synchronous circuit operating at 56 Kbps. No error correction is provided. Supports all DDS control codes. Optional secondary channel is supported. (Possible NCI Code: 04DU5-56)

3.5.11 64 Kbps DS0 Data Service

Provides a point-to-point, 64 Kbps clear channel for a full-duplex synchronous data circuit. No error correction or in-band control codes are supported. (Possible NCI Code: 04DU5-64).

3.5.12 Fractional DS1 Service

Provides a point-to-point channel at any speed between 56 Kbps and 1.544 Mbps for full-duplex synchronous data transmission, provided that the speed is a multiple of 56 or 64 Kbps. (NCI Code format: 04DU5-____).

3.5.13 Fanout DS0 Service

Fanout DS0 Service allows a customer to aggregate up to 24 DS0 channels that terminate in the same location into a single DS1 Local distribution Channel.

3.6 Video Service

The Company will furnish a broadcast quality signal in accordance with NTSC standards. For a short haul link, the video channel and its associated audio subchannels will have the following technical characteristics:

Video:**Input/Output****Impedance:**

The standard video input/output impedance for unbalanced-to-ground connection shall be 75 ohms, with a return loss of at least 30 dB over the frequency range of 0 to 4.2 MHz.

Signal Input/**Output Level:**

The standard composite picture signal input/ output level shall be 1.0 volts peak-to-peak measured across the standard input impedance.

Bandwidth:

1 video channel shall have a minimum of 4.2 MHz bandwidth.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 3 - SERVICE DESCRIPTION DEDICATED ACCESS SERVICES (continued)**3.6 Video Service** (continued)

Signal-to-Noise Ratio: Signal-to-noise ratio shall not be less than 67 dB.

Audio:
Input/Output Impedance: Audio input/output impedance shall be 600 ohms balance-to-ground with a return loss of at least 30 dB over a frequency range of 50 to 15,000 Hz.

Signal:

Input/Output Level: The audio test tone Input/output level for rated maximum modulation shall be in the range from 0 to +18 dBm. The frequency of the test tone signal shall be 1000 Hz. Nominal program transmission volume is +8 VU.

Bandwidth: Each audio subchannel shall have a minimum bandwidth of 15 KHz.

NOTES:

In accordance to EIA-RS250C short haul specifications.

An alternate standard for video is balanced-to-ground 124 ohms.

An alternate standard for audio is balanced-to-ground 150 ohms.

Video Channels will be furnished by the Company in accordance with NTSC in one of the following configurations, as specified by the customer (there is no price differential between configurations):

Composite: A single hand-off containing the audio and video information. The audio signal rides as on the modulated video signal.

Baseband: Separate hand-offs for the audio and video information. The audio is discriminated from the video portion of the signal.

3.7 LAN Connect

LAN Connect is a high speed (4, 10, or 16 Mbps) dedicated transport service for the interconnection of Local Area Networks (LANs) in a single metropolitan area. Serving as a basic LAN extension for 4 or 16 Mbps Token Ring LANs or 10 Mbps Ethernet LANs, LAN Connect can connect two or more similar LANs within a metropolitan area.

A.R.C. Networks', LAN Connect service includes the installation and maintenance of the bridge hardware for the Ethernet LAN, and repeater hardware for the Token Ring. This hardware enables connectivity at a LAN's native speed - 4 or 16 Mbps for Token Ring.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 3 - SERVICE DESCRIPTION DEDICATED ACCESS SERVICES (continued)**3.7 LAN Connect (continued)**

LANs and 10 Mbps for Ethernet LANs.

Basic LAN Connect service includes power and common logic redundancy at no extra charge. For an additional charge, optical redundancy and redundant customer network interface cards (NIC) can be provided.

3.7.1 Hardware Platform

LAN Connect uses A.R.C. Networks', fiber backbone to connect the LANs. A.R.C. Networks equipment can connect to the fiber backbone directly or via clear channel DS3. The equipment utilized is a multi-protocol, (Token Ring, Ethernet) time-division multiplexer (TDM).

A. Ethernet

Ethernet is a local area network that operates over twisted wire (10 Base T), Thinnet or Thicknet cable at 10 Mbps. When LAN Connect is provisioned with optical fiber, the maximum bandwidth available on the equipment is 80 Mbps, supporting eight 10 Mbps Ethernet links. When provisioned over clear channel DS3, the maximum bandwidth available is 40 Mbps, which supports four 10 Mbps Ethernet links. Additional equipment can be installed when a Customer wants additional links between locations.

B. Ethernet Handoff

If a Customer has an Ethernet LAN, they must provide A.R.C. Networks an IEEE 802.3 female DB15 (10Base5) AUI connector. If the Customer has 10BaseT (twisted pair) or fiber-based Ethernet, then the Customer must provide a media converter in order to provide A.R.C. Networks the appropriate handoff.

The allowable distance between A.R.C. Networks equipment and the Customer's Ethernet LAN is 164 feet when using an electrical transceiver cable. If the standard distance is exceeded and additional cabling is necessary to connect A.R.C. Networks equipment to the Customer LAN, the Customer will be charged for the cost of time and materials.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 3 - SERVICE DESCRIPTION DEDICATED ACCESS SERVICES (continued)**3.7 LAN Connect (continued)****3.7.1 Hardware Platform (continued)****Token Ring**

Token Rings are usually designed in a circle or star configuration, and operate at either 4 or 16 Mbps. As stated above, the maximum bandwidth available on the equipment 100 is 80 Mbps when LAN Connect is provisioned with optical fiber. This bandwidth can support five 16 Mbps Token Ring links or twenty 4 Mbps links. When provisioned over DS3, the maximum bandwidth available is 40 Mbps, which supports two 16 Mbps Token Ring links or ten 4 Mbps links. If a customer wants additional links between locations, additional equipment can be installed.

C. Token Ring Handoff

The customer interface for Token Ring LAN Connect is an IEEE 802.5 female DB9 connector. If the customer has other cabling, it must provide a media converter in order to provide A.R.C. Networks, Inc. the appropriate handoff.

The allowable distance between A.R.C. Networks equipment and the Customer's Token Ring LAN is 300 feet when using a Type 1 cable. If the standard distance is exceeded and additional cabling is necessary to connect A.R.C. Networks equipment to the Customer LAN, the Customer will be charged for the cost of time and materials.

3.8 Omni Connect

Omni Connect provides local OC-3 and OC-12 SONET rings between multiple customer designated premises and A.R.C. Networks nodes. Connections to the nodes are provided over standard DS1 and DS3 interfaces. This service will be available with the capacity to transport 3 DS3s (155.52 Mbps) and 12 DS1s (622.08 Mbps).

Within the 3 DS3 or 12 DS1 capacity, the Customer may order a combination of DS1 and DS3 interfaces. The interface at the Customer premises will conform to standard ANSI DS3 interface (44.736 Mbps) specifications and/or standard ANSI DS1 interface (1.544 Mbps) specifications. OC-3, OC-12 and STS-1 interfaces are available on an Individual Case Basis.

The Omni Connect service is subject to facility availability. Where facilities are not available, Omni Connect may be provided on an Individual Case Basis (ICB).

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 3 - SERVICE DESCRIPTION DEDICATED ACCESS SERVICES (continued)**3.8 Omni Connect (continued)****3.8.1 OC-3 Capacity**

DS1s and/or DS3s may be ordered not to exceed OC3 capacity per the following table. The configuration of DS1s and DS3s is dependent on the capacity of the A.R.C. Networks transmission equipment located at the Customer's location.

Interface Combinations		
DS1		DS3
0	and	0-3
0-28	and	0-2
0-56	and	0-1
0-84	and	0

3.8.2 OC-12 Capacity

DS1s and/or DS3s may be ordered not to exceed OC12 capacity per the following table. The configuration of DS1s and DS3s is dependent on the capacity of the A.R.C. Networks transmission equipment located at the Customer's location.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 3 - SERVICE DESCRIPTION DEDICATED ACCESS SERVICES (continued)**3.8 Omni Connect** (continued)

Interface Combinations		
DS1		DS3
0	and	0-12
0-28	and	0-11
0-56	and	0-10
0-84	and	0-9
0-112	and	0-8
0-140	and	0-7
0-168	and	0-6
0-196	and	0-5
0-224	and	0-4
0-252	and	0-3
0-280	and	0-2
0-308	and	0-1
0-336	and	0

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 4 - SERVICE DESCRIPTION NETWORK SERVICES**4.1 A.R.C. Networks Network Services**

A.R.C. Networks Network Services consist of any of the services offered pursuant to this tariff, either individually or in combination. Each service is offered independent of the others. Service is offered via the Company's facilities for the transmission of one-way or two-way communications, unless otherwise noted.

4.2 General

The following Network Services are offered in this tariff:

- A.R.C. DIRECT Network Service
- A.R.C. Networks Extended Area Service Plans

4.3 Timing of Calls

The customer's long distance usage charge is based on the actual usage of A.R.C. Networks network. Usage begins when the called party picks up the receiver. When the called party picks up is determined by hardware answer supervision in which the local telephone company sends a signal to the switch or the software utilizing audio tone detection. When software answer supervision is employed, up to 60 seconds of ringing is allowed before it is billed as usage of the network. A call is terminated when either party hangs up. A.R.C. Networks, Inc. does not charge for uncompleted calls.

4.4 Calculation of Distance

Usage charges for all mileage sensitive products are based on the airline distance between rate centers associated with the originating and terminating points of the call.

The airline mileage between rate centers is determined by applying the formula below to the vertical and horizontal coordinates associated with the rate centers involved. The Company uses the rate centers and associated vertical and horizontal coordinates that are produced by Bell Communications Research in their NPA-NXX V & H Coordinates Tape and Bell's NECA Tariff No. 4.

FORMULA:

$$\frac{(V1 - V2)^2 + (H1 - H2)^2}{10}$$

4.5 Minimum Call Completion Rate

A customer can expect a call completion rate of not less than 99.01% during peak use periods for all FG D services ("1+" dialing).

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 4 - SERVICE DESCRIPTION NETWORK SERVICES (continued)**4.6 A.R.C. DIRECT Network Service**

A.R.C. DIRECT Service provides business customers who have PBX or PBX-like equipment with access to the A.R.C. Networks switching center and switch-resident calling services. Customers can purchase this capability for both primary service (listed directory number) and diversity purposes. Where Customers require capacity on their PBX to Interface to the Customer's equipment, the Company will use either a DS1 for digital connectivity, or fractional DS1 circuits for analog DOD, DID and combination trunks. Provisioning of the DS1 can be either Type I (A.R.C. Networks) or Type II circuits (capacity purchased from the LEC). Type I circuits require the use of either a SLC-5 remote terminal or channel bank at the Customer's premise. Type II circuits are digital-only and, instead, require the use of a channel service unit (CSU) to terminate the T1 facility in the Customer's PBX.

Customers can subscribe to A.R.C. DIRECT service for local and regional (intra-LATA) calling capability, as well as for access to long distance carriers. A.R.C. Networks, Inc. provisions both DS1 and analog trunks over fiber on a digital basis to the customer premise. Digital trunks are converted to analog at the customer's premise, thus providing users of the Company's analog trunks with higher quality service at a more economic price.

The network architecture for call completion includes A.R.C. Networks-owned and operated fiber as well as Type II capacity leased from the LEC between the 5ESS switch and the POPs in the State LATA.

When Customers initially order service from the telephone Company, the order is for both trunking capacity and DID numbers. These DID numbers are the customer's "address" on the public switched network. Customers now have a choice for ordering their trunks and numbers: A.R.C. Networks or the LEC. In addition, DID numbers can be provisioned for customers who wish to change their local telephone number from a LEC to a A.R.C. Networks number. When A.R.C. Networks provides the customer with its DID numbers for connectivity to the world, the customer purchases the A.R.C. DIRECT facility as well as DID numbers, in a quantity sufficient to support the customer's employee population and its calling patterns. The actual quantity of PBX trunks is engineered terminate either the DS1/T1 or analog trunk facilities. according to the number of 100 Call-Seconds (CCS) per extension which Customers desire to satisfy their specific business requirements. A.R.C. DIRECT Outward Dialing (DOD) trunks enable Customers to access A.R.C. Networks intra-LATA toll calling plan (EAS).

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 4 - SERVICE DESCRIPTION NETWORK SERVICES (continued)**4.6 A.R.C. Direct Network Service** (continued)

Direct Inward Dialing (DID) trunk signalling enables a PBX to switch an incoming call directly to the intended extension number without the need for an attendant. Because of this capability, DID trunks are more expensive than DOD trunks.

4.7 Extended Area Service Plans

A.R.C. Networks' intra-LATA toll plan is called Extended Area Service (EAS).

A.R.C. Networks, Inc. has two Extended Area Service (EAS) intraLATA toll calling plans which match the plans offered in the dominant Local Exchange Companies' Service Areas.

4.7.1 PLAN 1

Plan 1 is a tiered WATS plan with a flat rate assigned for each minute based on incremental minutes. The first tier of minutes is charged a higher rate than subsequent incremental tiers. Calls within each tier are billed with a 30 second minimum and in 6 second increments thereafter. Different rates apply to day, evening, and weekend calls.

4.7.2 PLAN 2

Plan 2 is a mileage sensitive plan that provides a two tiered price for minutes. The first minute is at one rate and the second minute is at a rate equal to or less than the first. Calls are billed in full minute increments with each call charged a minimum of one minute. Different rates apply to day, evening, and weekend calls.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES**5.1 Rates for Dedicated Access Services**

Dedicated Access Services consists of the services offered pursuant to this section, either individually or in combination. Each service is offered independent of the others. Service is offered via the Company's facilities for the transmission of one-way and two-way communications, unless otherwise noted.

5.2 Services Offering

The following private line services are offered in this tariff:

DS3 Service	(44.736 Mbps)
DS1 Service	(1.5 Mbps)
DS0 Service	(up to 64 kbps)
Video Service	(4.2 MHz bandwidth)
LAN Connect Service	(4, 10, or 16 Mbps)
Omni Connect Service	(OC-3 and OC-12 Sonet Rings)

Other services may be provided by the Company on an Individual Case Basis (ICB)

5.3 Rate Elements

Non-recurring and monthly recurring rates apply for each Digital Transmission Service furnished by the Company. Monthly recurring rates vary according to the time period for which the Customer commits to take the service. Unless otherwise noted, three standard rate elements are used in calculating the monthly recurring rate for each service:

5.4 Local Distribution Channel (LDC)

This rate element applies to each end-point of a digital channel provided to a Customer.

5.5 Interoffice Channel Mileage-Fixed

This rate element applies per digital channel whenever there is mileage associated with the channel; a digital channel has mileage associated with it when the endpoints of the channel are located in geographic areas normally served out of separate local exchange carrier ("LEC") end offices. This rate element applies per circuit endpoint.

5.6 Interoffice Channel Mileage-Per Mile

This rate element applies whenever there is mileage associated with the digital channel. The unit rate is multiplied by the number of miles (Interoffice Mileage) between the two LEC end offices serving the geographic areas in which the endpoints of the channel are located. Interoffice Mileage is determined according to the V&H coordinates method set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Fractions of a mile are rounded up to the next whole mile before rates are applied.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES (continued)**5.7 Basic and Mixed Vendor Services**

DS3, DS1 and DS0 Service may be provided as either Basic or Mixed Vendor Services, depending upon the availability of facilities. Basic Service rates apply when both endpoints of the channel are served by the Company's network. Mixed Vendor Service rates apply when one endpoint of the transmission channel is served by a local exchange carrier's network (Mixed Vendor Services are provided via a combination of the Company's facilities and local exchange carrier facilities).

DS3, DS1 and DS0 channels where both endpoints are served by a local exchange carrier's network will be provided at the sole discretion of the Company, on an Individual Case Basis (ICB).

Optional features and functions are also available on an Individual Case Basis. These include:

5.8 Cross-Connection Charge

This rate element applies for cross-connections within Company locations between one or more Customer services, or between the services of different Customers.

5.9 Multiplexing Charge

This rate element applies where the Customer requests that its services be multiplexed onto higher bandwidth facilities for delivery to the Customer.

5.10 DEXCS Port Charge

This rate element applies where the customer requests that its services be connected to a DEXCS port.

5.11 DS3 Service (44.736 Mbps)

This service consists of a DS3 (44.736 Mbps) capacity digital channel available on a 24 hour per day, 7 day per week basis between two points. There is a 1-year minimum service period for each Basic DS3.

5.11.1 Local Distribution Channel:**Basic Service**

Non Recurring \$ 850

Recurring (per month)

1 year \$2,106

3 years \$1,836

5 years \$1,724

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES (continued)**5.11 DS3 Service (44.736 Mbps)** (continued)**5.11.1 Local Distribution Channel:** (continued)**Mixed Vendor Service**

Non Recurring \$ 850

Recurring (per month)

1 year \$2,282

3 years \$1,989

5 years \$1,867

Interoffice Channel Mileage-Fixed:

Recurring (per month)

Basic Service

1 year \$1,350

3 years \$1,170

5 years \$ 990

Mixed Vendor Service

1 year \$1,463

3 years \$1,268

5 years \$1,073

Interoffice Channel Mileage-Per Mile:

Recurring (per month per mile)

Basic Service

1 year \$180

3 years \$162

5 years \$149

Mixed Vendor Service

1 year \$195

3 years \$176

5 years \$161

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES (continued)**5.12 Basic DS1 Service (1.544 Mbps)**

This service consists of a DS1 (1.544 Mbps) capacity digital channel available on a 24 hour per day, 7 day per week basis between two points.

Local Distribution Channel:**Basic Service**

Non Recurring	\$650
Recurring (per month)	
1 year	\$126
3 years	\$114
5 years	\$112

Mixed Vendor Service

Non Recurring	\$650
Recurring (per month)	
1 year	\$137
3 years	\$124
5 years	\$121

Interoffice Channel Mileage-Fixed:

Recurring (per month)

Basic Service

1 year	\$ 81
3 years	\$ 72
5 years	\$ 68

Mixed Vendor Service

1 year	\$ 88
3 years	\$ 78
5 years	\$ 73

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES (continued)**5.12 Basic DS1 Service (1.544 Mbps) (continued)****Interoffice Channel Mileage-Per Mile:**

Recurring (per month per mile)

Basic Service

1 year	\$ 23
3 years	\$ 21
5 years	\$ 19

Mixed Vendor Service

1 year	\$ 25
3 years	\$ 22
5 years	\$ 20

Fanout DS1 Service

This service consists of up to 28 DS1 (1.544 Mbps) digital channels, which are aggregated at an A.R.C. Networks Node onto a standard DS3 circuit with Interoffice Mileage and a Local Distribution Channel at the terminating end.

Fanout DS1's consist of 3 rate elements:

DS1 Local Distribution Channels - Rated as a standard DS1 Local Distribution Channel.

Central Office Multiplexing - Aggregates the 28 DS1's onto DS3 interoffice facilities.

Non- Recurring	<u>Monthly Recurring</u>		<u>5 Year Term</u>
	<u>1 Year Term</u>	<u>3 Year Term</u>	
\$ 0	\$903	\$813	\$587

DS3 Interoffice Mileage/Local Distribution Channel - Rated as standard DS3 Circuit.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES (continued)**5.13 DS0 Service**

DS0 Service is a Digital Transmission Service furnished by the Company at transmission speeds of 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, 56 kbps, 64 kbps, or in multiples of 56 kbps or 64 kbps up to 1.544 Mbps. Such channels will be configured by the Company to transmit digital data at specified data rates or analog signals converted to digital signals.

5.13.1 Local Distribution Channel:**Non-Recurring Charges**

2 Wire Voice Grade	\$230
4 Wire Voice Grade	\$230
2.4 to < 56 Kbps	\$300
56 or 64 Kbps	\$300
56 or 64 Kbps x N	\$150 X N with \$2,250 maximum

Monthly Charges

2 Wire Voice Grade	\$22.50
4 Wire Voice Grade	\$45.00
2.4 to < 56 Kbps	\$54.00
56 or 64 Kbps	\$90.00
56 or 64 Kbps x N	\$72 X N

<u>Interoffice Mileage</u>	<u>Fixed</u>	<u>Per Mile</u>
2 & 4 Wire	\$24.30	\$1.70
2.4 to < 56 Kbps	\$18.00	\$1.80
56 or 64 Kbps	\$36.00	\$3.60
56 or 64 Kbps (X N) (N > 1)	\$36.00	\$3.60

5.13.2 Fanout DS0 Service

This service consists of up to 24 DS0 digital channels, which are aggregated at an A.R.C. Networks Node onto a standard DS1 circuit with Interoffice Mileage and a Local Distribution Channel at the terminating end. There is a minimum 90 day service period for each Hubbed DS0 Service.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICESSECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES (continued)5.13 DSO Service (continued)5.13.3 Hubbed DSO's consist of 3 rate elements:

- A. DSO Local Distribution Channels - Rated as a standard DSO Local Distribution Channel.
- B. Central Office Multiplexing - Aggregates the 24 DSO's onto DS1 interoffice facilities.

Non- Recurring	<u>Monthly Recurring</u>		
	<u>1 Year Term</u>	<u>3 Year Term</u>	<u>5 Year Term</u>
\$ 0	\$ 167	\$ 154	\$ 150

- C. DS1 Interoffice Mileage/Local Distribution Channel - Rated as standard DS1 Circuit.

5.14 Video Service Rates

The Company will furnish a broadcast quality signal in accordance with NTSC standards. Video Transmission Service consists of a point-to-point video channel and two associated audio subchannels.

Local Distribution Channel:

Recurring (per month)

1 year	\$ 450
3 years	\$ 405
5 years	\$ 360

Interoffice Channel Mileage-Fixed:

Recurring (per month)

1 year	\$ 313
3 years	\$ 282
5 years	\$ 250

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES (continued)**5.14 Video Service Rates (continued)****5.14.1 Interoffice Channel Mileage-Per Mile:**

Recurring (per month per mile)

1 year	\$ 162
3 years	\$ 145
5 years	\$ 130

5.14.2 Additional Audio Channels-Per Audio Channel

Non-Recurring \$ 500

Recurring (per month)

1 year	\$ 100
3 years	\$ 100
5 years	\$ 100

5.14.3 Scrambling Capability-Per Video Channel

1 year	\$ 100
3 years	\$ 100
5 years	\$ 100

5.15 LAN Connect Service

LAN Connect is a high speed (4, 10, or 16 Mbps) dedicated transport service for the interconnection of Local Area Networks (LANs) in a single metropolitan area. Serving as a basic LAN extension for 4 or 16 Mbps Token Ring LANs or 10 Mbps Ethernet LANs, LAN Connect can connect two or more similar LANs within a metropolitan area, thus eliminating bottlenecks that typically occur with T¹ interconnections.

Each rate element applies to a 10 Mbps Ethernet, or a 4/16 Mbps Token Ring LAN Connect.

Channel Term (Local Distribution Channel) - This rate component applies to each end-point that terminates on the A.R.C. Networks - provided equipment. A minimum of two channel terms apply for a point-to-point circuit. A three-point LAN Connect has three channel terminations. A four-point has four, and so on.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES (continued)**5.15 LAN Connect Service (continued)**

Channel Term Installation Charges - This rate component applies to the installation charges associated with each channel term.

Variable Mileage - Interoffice Channel Mileage - This rate component applies to the mileage between the customer's end points. This charge is calculated by multiplying the unit rate by the number of miles between the two end points. For a multipoint configuration, the NPA/NXX from the furthest end-points should be used.

Fixed Mileage - Interoffice Channel Mileage - This rate component applies whenever there is mileage associated with the circuit, *i.e.*, whenever the circuit is not a "0-mile" circuit.

Network Interface Redundancy - This rate component applies to each channel term when a Customer elects to have the network interface redundancy option included with its LAN Connect configuration. This option provides the Customer with a second fiber or electrical interface card, and a second fiber pair or electrical connection. This feature also enables the equipment's dual-ring, self-healing capability.

Network Interface Redundancy Installation Fee - Applies to each channel term where the Network Interface Redundancy Option is installed.

Ethernet/Token Ring Redundancy - When a customer elects to have a spare Ethernet/Token Ring card installed for backup, this rate element applies to each channel term.

Ethernet/Token Ring Redundancy Installation Fee - These are the installation charges associated with the Ethernet/Token Ring Redundancy option for each channel term.

LAN Connect Rates

	<u>1 Year</u>	<u>2 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u>Install</u>
Channel Term	\$1,450	\$1,200	\$ 900	\$ 750	\$ 925
Fixed Mileage	\$1,450	\$1,200	\$ 900	\$ 750	n/a
Variable Mileage	\$ 200	\$ 175	\$ 160	\$ 140	n/a
Fiber Redundancy	\$ 525	\$ 450	\$ 400	\$ 350	\$ 375
Port Redundancy	\$ 225	\$ 200	\$ 175	\$ 150	\$ 250

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES (continued)**5.15 LAN Connect Service (continued)**

Channel term volume discounts apply when a customer orders two or more LAN Connect circuits **between the same locations** as follows:

	<u>% discount</u>
1st circuit	No discount
2nd circuit	20%
3rd circuit	35%
4th circuit	50%
5+ circuit	ICB (Individual Case Basis)

5.16 Omni Connect

Omni Connect provides local OC-3 and OC-12 SONET rings between multiple customer designated premises and A.R.C. Networks' Nodes. Connections to the nodes are provided over standard DS1 and DS3 interfaces. This service will be available with the capacity to transport 3 DS3s (155.52 Mbps) and 12 DS3s (622.08 Mbps).

The following rate elements apply to Omni Connect service:

A.R.C. Networks' Hub Node - This monthly recurring element provides for Add/Drop multiplexing equipment located at the A.R.C. Networks' Node. This element is rated at either a 3 DS3 or 12 DS3 capacity level.

One A.R.C. Networks' Hub Node rate applies for each A.R.C. Networks' Hub located on the SONET network. The number of Hub Nodes will be designated by the Customer, however, there must be at least one A.R.C. Networks' Hub Node and two Customer Premise Nodes on each Omni Connect network.

A.R.C. Networks Node Port - This monthly recurring element provides for the DS1 and/or DS3 channelization that must take place at each A.R.C. Networks' Hub Node on the SONET network. A monthly recurring rate and/or a nonrecurring charge will apply only where a DS1 or DS3 network facility originates or terminates.

Customer Premises Node - This monthly recurring rate provides for the Add/Drop multiplexing capability at the customer premises. The rate is comprised of either a 3 DS3 or 12 DS3 capacity and is applied at each Customer node on the Omni Connect Network.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICESSECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES (continued)**5.16 Omni Connect (continued)**

Customer Premises Port - The Customer Premises Port monthly recurring rate element provides for the DS1 and DS3 channelization that must take place at each Customer Premise Node. The rate is per port with the number of ports determined on the number of DS1 and/or DS3 interfaces ordered by the Customer. If a DS3 to DS1 connection is required, it may be accomplished by the Customer's CPE or through the multiplexing offered by A.R.C. Networks, Inc.

Transport Mileage - This monthly recurring rate element provides for the transmission facilities between all directly connected Nodes (A.R.C. Networks, Inc. and Customer) on the SONET network. The charge is applied per mile and is based on total ring capacity (OC-3 or OC-12).

OC-3 Omni Connect Rates:

	<u>Rate Elements</u>		
	<u>Recurring</u>		<u>Non-Recurring</u>
	<u>3 Year</u>	<u>5 Year</u>	
A.R.C. Networks Hub Node	\$1,300	\$1,155	n/a
A.R.C. Networks Port DS-3	\$ 838	\$ 745	\$285
A.R.C. Networks Port DS-1	\$ 92	\$ 82	\$238
CP* Node	\$1,300	\$1,155	n/a
CP Port DS-3	\$ 838	\$ 745	\$285
CP Port DS-1	\$ 92	\$ 82	\$238
<u>Transport Mileage Charge:</u>			
Variable Mileage	\$ 100	\$ 88	n/a

*CP = Customer Premise

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES**SECTION 5 - RATE SCHEDULE DEDICATED ACCESS SERVICES** (continued)**5.16 Omni Connect** (continued)**OC-12 Omni Connect Rates:**

	<u>Rate Elements</u>		
	<u>Recurring</u>	<u>Non-Recurring</u>	
	<u>3 Year</u>	<u>5 Year</u>	
A.R.C. Networks Hub Node	\$3,183	\$2,827	n/a
A.R.C. Networks Port DS-3	\$ 252	\$ 224	\$259
A.R.C. Networks Port DS-1	\$ 92	\$ 82	\$238
CP* Node	\$3,181	\$2,827	n/a
CP Port DS-3	\$ 252	\$ 224	\$259
CP Port DS-1	\$ 92	\$ 82	\$238

Transport Mileage Charge:

	<u>Recurring</u>		<u>Non-Recurring</u>
	<u>3 Year</u>	<u>5 Year</u>	
Variable Mileage	\$ 100	\$ 88	n/a

*CP = Customer Premise

5.17 Individual Case Basis (ICB) Arrangements

For special situations, rates for Private Line Services will be determined on an Individual Case Basis (ICB) and specified by contract between the Company and the Customer.

5.18 Special Promotions

The Company will, from time to time, offer special promotions on Dedicated Access Services to its customers waiving certain charges. These promotions will be approved by the FPSC with specific starting and ending dates and under no circumstances run for longer than 90 days in any 12 month period.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 6 - RATE SCHEDULE NETWORK SERVICES**6.1 A.R.C. Networks Network Services Rate Schedule****6.1.1 Service Offerings**

A.R.C. Networks Network Services provide for the completion of IntraLata Toll Calls and are available for use only in conjunction with an A.R.C. Networks Access Line Service.

The following Network Services are offered in this tariff:

- A.R.C. DIRECT Network Service
- A.R.C. Networks Extended Area Service Plans

6.2 A.R.C. DIRECT Network Service

A.R.C. DIRECT Network Service provides trunk connections from an end user's Private Branch Exchange, Key System, or other device to the A.R.C. Networks Switch Port. A.R.C. DIRECT Network Service is available as a DS1 (1.544 Mbps) or DS0 connection in minimum quantities of 24.

The Customer may opt to utilize A.R.C. DIRECT Network Service for outgoing calls only, or for outgoing and incoming calls. In the latter case, direct inward dial numbers must be purchased from the Company.

Rate Plan 1

<u>Analog Trunks</u>	<u>Recurring</u>	<u>Non-Recurring</u>
DID Trunk First	\$56.00	\$1,3031.00
DID Trunk Addition	56.00	15.00
DID Number (Blocks of 20)	4.00	56.00
First Combo	49.47	12.00
Combo Each Additional	49.47	56.00
First DOD	49.47	56.00
Each Additional DOD	49.47	12.00

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 6 - RATE SCHEDULE NETWORK SERVICES (continued)**6.2 A.R.C. DIRECT Network Service (continued)**

<u>Telexpress Digital*</u>	<u>Recurring</u>	<u>Non-Recurring</u>
DS1 Component	\$100.00	\$1,050.00
Service Charge	0.00	0.00
DID Trunk Addition	56.00	15.00
DID Number (Blocks of 20)	4.00	15.00
First Combo	49.47	56.00
Combo Each Additional	49.47	12.00
First DOD	49.47	56.00
Each Additional DOD	49.47	12.00

6.3 A.R.C. Networks Extended Area Service Calling Plans

IntraLATA Toll Calls terminate in zones within each Lata. Mileage is computed based upon airline mileage between rate centers and is grouped into mileage bands for rate measurement. Mileage is measured in bands and usage is billed in seconds.

6.3.1 A.R.C. Networks Extended Area Service-Plan 1

30 second minimum/6 second incremental billing
No additional fees

Price per minute

	<u>Day</u>	<u>Evening</u>	<u>Weekend</u>
First 600 minutes	0.139	0.096	0.056
Next 900 minutes	0.126	0.087	0.056
Next 1500 minutes	0.114	0.079	0.056
All additional minutes	0.105	0.072	0.056

* Digital Price = A.R.C. DIRECT + Analog Trunks

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 6 - RATE SCHEDULE NETWORK SERVICES (continued)**6.3 A.R.C. Networks Extended Area Calling Plans** (continued)**6.3.2 A.R.C. Networks Extended Area Service-Plan 2**

Full Minute Billing

	<u>DAY</u>		<u>EVENING</u>		<u>NIGHT/WEEKEND</u>	
	<u>First</u> <u>Minute</u>	<u>Each</u> <u>Add'l</u> <u>Minute</u>	<u>First</u> <u>Minute</u>	<u>Each</u> <u>Add'l</u> <u>Minute</u>	<u>First</u> <u>Minute</u>	<u>Each</u> <u>Add'l</u> <u>Minute</u>
Miles 0-10	0.135	0.072	0.095	0.050	0.081	0.043
Miles 11-22	0.162	0.108	0.113	0.076	0.097	0.065
Miles 23-55	0.171	0.171	0.120	0.120	0.103	0.103
Miles 56-292	0.180	0.180	0.126	0.126	0.108	0.108

Time of Day Discounts apply as follows:**Evening/Weekend**

Evening Rates apply for any portion of a call occurring Monday through Friday during the period from 5:00 P.M. to but not including 11:00 P.M.

Weekend rates apply for any portion of a call occurring during the period from 11:00 P.M. to but not including 8:00 A.M. Sunday through Friday, all day Saturday, and Sunday to but not including 5:00 P.M.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 6 - RATE SCHEDULE NETWORK SERVICES (continued)**6.4 Special Services**

Subject to Administrative Surcharges.

Charges for the Special Services shown below shall be the sum of the charges billed to the Company by Bellsouth Corporation pursuant to their effective tariffs plus a per call administrative surcharge imposed by A.R.C. Networks, Inc. in accordance with the schedule below:

<u>Service Subject to Surcharge</u>	<u>Administrative Charge Per Call</u>
Operator-Assisted Collect Calls	\$0.25
Operator-Assisted Calling Card	\$0.25
Operator-Assisted Third Party	\$0.25
Other Operator-Assisted Calls	\$0.25
Busy Verification & Interrupt	\$0.10
Busy Verification Service	\$0.10

These charges apply to A.R.C. Networks, Inc. Customers only.

6.5 Special Promotions

The Company will, from time to time, offer special promotions on its Network Services to its Customers waiving certain charges. These promotions will be approved by the FPSC with specific starting and ending dates and under no circumstances run for longer than 90 days in any 12 month period.

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INTEREXCHANGE TELECOMMUNICATIONS SERVICES

SECTION 7 - EXEMPTIONS AND SPECIAL RATES**7.1 Discounts for Hearing Impaired Customers**

A telephone toll message which is communicated using a telecommunications device for the deaf (TDD) by properly certified hearing or speech impaired persons or properly certified business establishments or individuals equipped with TDDs for communicating with hearing or speech impaired persons will receive, upon request, credit on charges for certain intrastate toll calls placed between TDDs. The credit to be given on a subsequent bill for such calls placed between TDDs will be equal to applying the evening rate during business day hours and the night/weekend rate during the evening rate period. Discounts do not apply to surcharges or per call add on charges for operator service when the call is placed by a method that would normally incur the surcharge.

For intrastate toll calls received from the relay service, A.R.C. Networks, Inc. will discount relay service calls by 50 percent off of the otherwise applicable rate for a voice nonrelay call except that where either the calling or called party indicates that either party is both hearing and visually impaired, the call shall be discounted 60 percent off of the otherwise applicable rate for a voice nonrelay call. The above discounts apply only to time-sensitive elements of a charge for a call and shall not apply to per call charges such as a credit card surcharge. In case of a tariff which includes either a discount based on the number of minutes or the purchase of minutes in blocks, the discount should be calculated by discounting the minutes of relay use before the tariffed rate is applied.

7.2 Operator Assistance for Handicapped Persons

Operator station surcharges will be waived for operator assistance provided to a caller who identified him or herself as being handicapped and unable to dial the call because of a handicap.

7.3 Directory Assistance for Handicapped Persons

There is no charge for Directory Assistance for calls from handicapped persons. Such persons must contact the Company for credit on their directory assistance calls.

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