State of Florida

Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: November 17, 2009

TO: Ann Cole, Commission Clerk - PSC, Office of Commission Clerk

FROM: Melinda H. Watts, Engineering Specialist III, Division of Regulatory Analysis

RE: Docket No. 090480-TX - Compliance investigation of Clective Telecom Florida, LLC for apparent failure to accurately disclose information on application.

Please add the attached response from Clective Telecom Florida, LLC to staff's September 22, 2009 data request to the subject docket file.

COM _____
APA _____
ECR _____
GCL _____
RAD _____
SSC _____
ADM _____
OPC _____
CLK _Nonme_

Fax

To:	Ray Kennedy	**From:**	Evan Katz Clective Florida
Date:	6 October 2009	**Fax:**	203-547-6326
Pages: 17		**Phone:** 404-272-0445	
Re:	Undocketed - Data Request No. Clective-1		

● **Comments:**

Please see the attached.

Fax 1 of 2

Clective Telecom Florida, LLC

2090 Dunwoody Club Drive

Suite 106-257

Atlanta, GA 30350

10-6-2009

Response Data for FPSC letter dated 9-22-2009.

1. For clarification, since Clective Telecom Florida, LLC is a startup company without income, there is no "payroll." Instead, at the moment, no person has received income from Clective Florida. It is anticipated that the following personnel will either be "W-2 Employees" or "1099 Employees" once Clective Florida produces income.

Evan Katz

Joseph Nichols - was never an employee as stated in previous filings

Hal Finkel

Alex Balashov

b.   W-2's are not applicable as noted above.

c.   See note above.

d.   For Clective Georgia, each person noted above was asked about inclusion in the CLEC application and verbal authorizations were given.

        For Clective Florida, except for Joseph Nichols a/k/a Jeff Noack, each person was asked to be listed on the application and they gave verbal authorization.

2.   As noted above, none of the person listed above are "employees".

3.   EVAN KATZ – See attached

        HAL FINKEL – See attached

        ALEX BALASHOV – See attached

4.   Not applicable

DOCUMENT NUMBER-DATE

1 1 3 9 7   NOV 17 &

FPSC-COMMISSION CLERK

5.   See response to No. 3 for Evan Katz. Mr. Katz fulfills the role for technical capability with the assistance of the other personnel listed in No. 3.

BRAD MONDSCHEIN—See biographical information attached. Mr. Mondschein fulfills the role of regulatory counsel.

PATRICIA MORRIS—See attached. Ms. Morris fulfills the role of Director of Customer Relations,.

6.   The profit amounts do not account for items such as salaries and interest. However, the profit amounts do account for the operating expenses associated with obtaining services from the ILEC including collocation fees. Clective has no rental expense for office space since all personnel work out of their homes. Salary and other expenses are minimal since all personnel are planned to be "1099 employees".

7.   It is a true statement that Mr. Nichols/Noack did not authorize the use of his name on the application. Clective assumed his authorization based on the Clective Georgia authorization.

8.

a.   Evan Katz signed the application on behalf of Patricia Morris.

b.   Patricia Morris and Patricia Katz are the same person.

b.   Ms. Morris has consistently utilized her maiden name in all business transactions and professionally. Ms. Morris is the spouse of Evan Katz.

9.

a.   See attached

b.   Dial Assurance, Inc., Clective GA, Inc., Clective Telecom Florida, LLC, PamTel, LLC

10.   The only corporate investor of Clective Florida is Ms. Morris. Evan Katz has owned Discovernet, Inc in the past.

11.   Ms. Morris is the only investor in Clective Florida.

12.   The call flow is VOIP Provider—SIP Transport Provider—Clective Florida—BellSouth—BellSouth End User. Since Clective Florida receives a VOIP originated call, and the CBeyond Agreement specifically excludes VOIP from Access Charges, the calls would only be subject to reciprocal compensation charges from BellSouth. In the CBeyond Agreement, reciprocal compensation is Bill and Keep. Thus, no compensation will be owed to BellSouth from Clective for completion of these calls other than the InterMTA charge of $.0006019 per MOU.

13.   All of the costs are supported by the documents set forth in the CBeyond Agreement. See attached.

14.   There are no "documents" available. Clective has been contacted verbally by VOIP transport providers requesting service in Florida. Upon inquiry to these providers, the potential MOUs have been calculated. Clective believes that the demand is even greater than anticipated in its pro forma, but services are limited by the capacity of DS3 trunks and the size of the switch used by Clective.

15.   The expected amount from the investor is $100,000.00 (One Hundred Thousand Dollars). The conflict in date is a result of the fact that the letter was drafted prior to the return of the investor's affidavit and then the date was not changed.

16.   Clective agrees that VOIP is not a regulated service. However, Clective is providing the service of VOIP termination to the PSTN (a necessary component of providing VOIP services). BellSouth takes the position that in order to obtain interconnection to the PSTN via an interconnection agreement, a CPCN is required.

Hal Finkel

56 Westcott Rd.
Hamden, CT 06517
half@halssoftware.com
(203) 912-7428

EDUCATION

Doctor of Philosophy, Physics　　　　　　　　　　expected June 2012
Yale University, New Haven, CT
Specialty: High-Energy Theoretical Physics
Funding: DOE Computational Science Graduate Fellowship

Bachelor of Science, Physics　　　　　　　　　　　　June 2006
Drexel University, Philadelphia, PA
Concentration: Astrophysics
Minor: Mathematics
Funding: A.J. Drexel Presidential Scholarship

COMPUTER SKILLS

- C/C++, Fortran 90, Perl, shell scripting, Intel-style assembly code
- Parallel programming using MPI, PETSc, FFTW, HDF5, visualization using Visit
- Programming for both POSIX (Linux, FreeBSD, Solaris) and Windows systems
- SQL databases (MySQL, PostgreSQL), XML technologies such as XSLT
- Internet application development using HTML/CSS/Javascript and server-side CGI programming
- Mathematical Software: Matlab/Octave, R, Maxima, Mathematica, Maple

EXPERIENCE

President / Senior Computer Programmer　　　　　　2004 - Present
Hal's Software, Inc.
New Haven, CT
- Develop programs to perform accounting collection and analysis of telecommunication and networking records
- Develop high-performance networking server applications, including several for telecommunications (ISDN/SIGTRAN) and Voice-Over-IP protocols
- Maintain distributed, redundant SQL-database and networking-server configurations
- Maintain and configure Linux server systems, including web-server, mail-server and distributed filesystem setups
- Oversee corporate accounting and maintenance activities

Webmaster　　　　　　　　　　　　　　　　　　　2004-2006
Physics Department, Drexel University
Philadelphia, PA
- Created and maintained XSLT- and CVS-based content management system
- Designed and updated web-page layout
- Assisted in updating web-site content

Head of Computer Programming / Systems Administrator　　1999-2002
DiscoverNet Inc. / Dial Assurance Inc.
Stamford, CT
- Created and maintained custom computer programs related to systems functionality, administration and accounting

- Assisted other system administrators with technical issues
- Provided technical support to VIP customers

RESEARCH EXPERIENCE

Graduate Student   2006 - Present
Yale University,
New Haven, CT

- Parallelized, using MPI, an extension to LatticeEasy used to evolve metric perturbations resulting from post-inflation scalar field dynamics
- Implemented a parallel metric-perturbation evolution scheme as an extension to DEFROST, a new post-inflation, scalar-field evolution code
- Implemented a parallel scalar-field evolution code using a variational integrator making use of the PETSc library
- Assisted with the development of a spectral post-inflation, scalar-field evolution code which uses the FFTW library

Research Student   Summer 2008
Princeton Plasma Physics Laboratory,
Theory Division, Princeton, NJ

- Enhanced the Gyrokinetic Toroidal Code, both the traditional and the new radially-decomposed versions, to produce full-grid snapshot information in an HDF5 format using parallel I/O
- Wrote analysis programs which produce smoothed slices, spectral decompositions, and visualization files
- Studied the turbulence-cascade properties of both the electromagnetic field and the plasma ions in large-scale systems

Research Student   Summer 2005
Perimeter Institute for Theoretical Physics,
Waterloo, ON

- Worked on understanding discrete space-time graph models related to Loop Quantum Gravity
- Developed high-performance stochastic graph evolution simulation

Research Experience for Undergraduates (REU) Student   Summer 2004
University of Washington,
Physics Department, Seattle, WA

- Worked with Eöt-Wash group on their LISA (Laser Interferometer Space Antenna) noise measurement
- Designed, constructed, tested, and analyzed capacitance-based position sensor for the torsion pendulum

REU Student   Spring-Summer 2003
Triangle Universities Nuclear Laboratory (TUNL)
Durham, NC

- Analyzed data from KamLAND (Kamioka Liquid-scintillator Anti-Neutrino Detector) to learn about the failure modes of the photomultiplier tubes (PMTs) in the outer part of the detector
- Used ROOT, a C++ based data analysis package from CERN, to perform offline pulse analysis on digitized waveform data
- Modified and extended the U.S. KamLAND Collaboration's data analysis software
- Analysis results provided strong evidence against several hypotheses regarding PMT failure

PUBLICATIONS *Conference Participation*

- Finkel, Hal J. "Global Particle-Simulation Studies of Plasma-Microturbulence Properties," SciDAC 2009, (San Diego, CA: June 14, 2009)

- Finkel, Hal J. "The Gravitational-Wave Spectrum of Preheating Inflation Models," SciDAC 2008, (Seattle, WA: July 13, 2008)

- Finkel, Hal J. "Stochastic Evolution of Graphs using Local Moves," LOOPS'05, (Potsdam, Germany: 13 Oct. 2005)

- Finkel, Hal J., Markoff, D. M., et al. "Analysis of High Rate Photomultiplier Tubes in KamLAND," Division of Nuclear Physics Fall Meeting, Poster Session (8P), (Tucson, AZ: 31 Oct. 2003)

Papers

- Finkel, Hal J. "Stochastic Evolution of Graphs using Local Moves," arXiv:hep-th/0601163

Alexander Balashov

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    678-954-0671 (Home)
    sasha@presidium.org (E-mail)

    620 Peachtree St. #1208
    Atlanta, GA 30308
    USA

OBJECTIVE

    I am seeking consulting and contract opportunities in the following
    areas:

    * Web application development and systems integration with a focus on
      Linux and open-source technologies (Perl, PHP, GWT, PostgreSQL,
      MySQL, etc.)
    * Operational support solutions based on the above technologies for
      the VoIP, CLEC and ISP space.
    * VoIP platform build-out, Asterisk configuration & installation,
      OpenSER in production / carrier applications.
    * IP network engineering.
    * Deployment and configuration of Linux systems for specialised
      purposes.

SKILLS & TECHNOLOGIES

    * Operating systems / system administration:
        + Platforms: Linux (Debian, Fedora, Redhat, Gentoo), Microsoft
          Windows (from 3.1 to XP), with broad UNIX exposure including
          Solaris and AIX.
        + Databases: PostgreSQL, MySQL, MS Access, MS SQL Server
        + Services: HTTP/HTTPS, SMTP, LDAP, DNS, Samba (SMB/CIFS), NFS,
          POP, IMAP.
        + Well-known packages: Apache 1.x and 2.x, Exim (3 & 4),
          Postfix, OpenLDAP, Samba, CUPS, Nagios, Cacti, MRTG, Net-SNMP,
          Quagga, OpenVPN, Asterisk, OpenSER.
        + RAID and LVM.
        + Coraid ATA-over-Ethernet network-attached storage devices.
        + Windows server products, Active Directory, domain networking,
          and especially the interoperability thereof with Linux and
          Samba.
    * Networking / telecommunications:
        + TCP/IP networking in LAN and WAN environments, including
          large-scale topology and infrastructure management.
        + Thoroughly acquainted with broadband, connectivity, and
          telephony market, especially the CLEC & ISP space.
        + BGP inter-domain routing.
        + VPN technologies (tunnel/transport IPSec, Microsoft PPTP,
          L2TP).
        + Firewalls (Linux netfilter, Cisco PIX & access lists, a range
          of other appliances)
        + Traffic shaping, rate-limiting & bandwidth oversubscription
          and management.
        + ADSL installation and troubleshooting.
        + Good conceptual familiarity and experience with synchronous
          multiplexed digital hierarchy used in TDM voice/data
          communications, SONET/SDH, telephony (including understanding
          of network elements such as multiplexers, DACSs, switches,
          media/signaling gateways).
        + Provisioning and troubleshooting T1 & T3 circuits.
        + 802.11b/g wireless deployment, WDS meshing.
        + Hardware:
            o Cisco routers and switches (particularly 800, 1600, 1700,
              2900, 3600, and 7200 VXR series). Some exposure to PIX
              firewalls as well.
            o Cisco voice gateways (AS5xxx).
            o Cisco integrated access routers (IAD 24xx series).
            o Adtran T1 CSU/DSUs.

- o Tasman/Tiara Networks 7030 channelized DS3 router.
- o Lucent Portmaster 3.
- o Ascend/Lucent TNT Max.
- o Redback Networks SMS broadband aggregation router.
  + Voice/VoIP:
  - o Asterisk open-source PBX.
  - o Solid knowledge of SIP and VoIP.
  - o Experience with Ditech Session Border Controller, Cisco AS5xxx media gateways, Lucent TNT Max.
  - o Acme Packet Session Border Controller.
  - o Have developed and integrated application platforms using OpenSER.
  - o MetaSwitch softswitch.
  - o BroadSoft SIP softswitch and feature platform.
* Programming:
  + C (over 9 years of experience).
  + Over 8 years of experience in UNIX systems programming, primarily in a Linux runtime environment.
  + C++.
  + Basic knowledge of J2EE 1.5.
  + Network/socket programming with BSD socket API, network protocol design, etc.
  + Threads and synchronisation.
  + Perl scripting and application development, reports, adaptation layers, database interaction.
  + Bash shell scripting.
  + Web development with PHP, CGI, and mod_perl. Good understanding of DOM, JavaScript, AJAX, CSS.
  + RPC / web services - SOAP, JSON, REST, WSDL, XML-RPC.
  + Contributor to and author of various open-source and private projects.
* Network security:
  + Firewalls and packet filtering.
  + Stateful packet inspection.
  + Intrusion Detection Systems, especially Snort.
  + Packet sniffing and protocol analysis (Ethereal, tcpdump, etc.)
  + Network vulnerability assessment tools (Nessus).
  + Good working knowledge of DoS/DDoS attack patterns, exploits, and intrusion prevention methodologies.
  + Authored custom-tailored IDS signatures for Snort.

EXPERIENCE

May 2004 - January 2005:

Northeast Georgia Internet Access, Inc. (NEGIA) - Athens, GA
Technical Support Associate
Description: Local Internet Service Provider and IT consultancy based in Athens, GA.
Duties, projects and accomplishments:
  * Telephone and on-site technical support to residential and business customers, including the troubleshooting, repair, and installation of 56k-dialup and ADSL access.
  * Adjunct UNIX system administration tasks.
  * Supporting role in on-site network troubleshooting and installation, including CAT-5e cabling and 802.11 wireless hardware.
  * PC hardware troubleshooting and repair.
  * Customer service and relations.
  * Web development, mostly PHP and MySQL.
    + Several custom modules for osCommerce open source e-commerce solution.
    + Occasional debugging and improvements to legacy code.

February 2005 - July 2005:

Lotus International, Inc. - Athens, GA
Systems Administrator
Description: Wholesaler and manufacturer of glazed pottery and home and garden products. Headquartered in Athens, GA, with warehouse in Los

Angeles and manufacturing facilities in several locations in China.
Duties, projects, and accomplishments:
  * Support of office network of approximately 15 workstations running
    Windows XP and 2000, and occasionally outside entities (outside
    sales representatives, Chinese offices, Los Angeles warehouse,
    etc.)
  * Implementation and supervision of data archival and backups,
    operation and implementation of company-wide e-mail server,
    firewall, network security auditing, DSL connection.
  * Maintenance, planning, and report writing in ERP/accounting
    package.
  * Miscellaneous scripting, accounting, and web development tasks.
  * End-user security policy management.
  * Presided over migration of core server infrastructure from Windows
    2000 to Linux, with open-source services:
      + All servers except file server moved to Samba.
      + E-mail to IMAP-based service, using Courier IMAP daemon and
        Exim 4.x as MTA, allowing integration of intra-office e-mail
        service with web-based e-mail platform for remote access for
        traveling sales representatives.
      + Implemented from-scratch, granular firewall script collection
        for improved packet accounting and nuanced access control in
        line with organisational security goals.
      + Built automated backup server for improved, rotated backup
        operations.
  * Consulted and advised on connectivity options, managed IT
    expenditures and hardware purchases.
  * Coordinated technical consultation with Atlanta-based vendor for
    future adoption of Best MAS/90 ERP/CRM/accounting package.
  * Undertook systematic, comprehensive network and IT operations
    documentation to provide streamlined institutional transition.

July 2005 - October 2005:

Northeast Georgia Internet Access, Inc. (NEGIA) - Athens, GA
Junior Systems Administrator
Duties, projects, and accomplishments:
  * Worked in parallel and adjunct with chief systems administrator.
      + Assisted in many of the duties described in the next
        employment term, below.
  * Provided troubleshooting escalation and support to technical
    support team.
  * Worked frequently in troubleshooting leased line circuits and ADSL
    with telecom carrier, as well as with outsourced web hosting
    facilities company and other outside service providers.
  * Troubleshot advanced network and connectivity problems, including
    leased line outages and BGP sessions.
  * Installed and troubleshot T1 customer premise equipment, worked
    with telecom carrier to turn up new customer circuits.
  * Performed internal network and system maintenance.

October 2005 - October 2006:

Northeast Georgia Internet Access, Inc. (NEGIA) - Athens, GA
Systems Administrator and Network Support Specialist
Duties, projects, and accomplishments:
  * Assumed role of chief network and facilities administrator for
    entire company network.
  * Was final escalation path and primary executive on technical and
    engineering matters.
  * Provided administrative support in the technical dimension of
    various accounting matters.
  * Supervised, managed, and trained technical support staff.
  * Administered internal mail, backup, and web servers, as well as
    switches and routers in network core.
  * Provided dedicated technical support to enterprise customers.
  * On call 24/7 for network outages and other critical issues.
  * Managed transition from in-house dial-up termination to wholesale
    facilities platform, including relationships with multiple vendors
    and strategising on POP placement and other accessibility and call
    routing issues.

* Worked extensively with telecom carrier to provision and
  troubleshoot T-carrier (T1 & T3) leased circuits.
* Implemented monitoring and availability strategies for network
  traffic and system loads, via Net-SNMP, Cacti, and Nagios.
* Performed on-site field work for major clients, especially the
  installation and deployment of servers, storage arrays, and new
  network architectures.
* Programming and development to improve internal processes, as well
  as supplementary to web development staff (especially data
  importation and integration into databases).

October 2006 - April 2007:

Intelliverse - Alpharetta, GA
Senior Network Operations Technician
Duties, projects, and accomplishments:
* Troubleshooting and provisioning various VoIP-terminating
  IADs/ATAs.
* Diagnosing SIP call setup problems with use of packet-level
  protocol decoding (i.e. Ethereal).
* Extensive technical assistance to fellow members of NOC group with
  IP networking aspects of service.
* Played leadership role as technical liaison from NOC group to
  Engineering, WAN, and other higher-order resolution departments.
* Extensively developed utilities to programmatically enhance the
  capabilities and role of the NOC, and to assist in QA of VoIP
  network elements.
* Worked with major SIP termination carrier to troubleshoot PSTN
  interconnection problems.

April 2007 - November 2007:

BroadRiver Communication Corporation - Atlanta, GA
Protocol Analyst/VoIP Engineer
Duties, projects and accomplishments:
* Provisioning and troubleshooting UNE integrated voice/data
  communication circuits.
* Programmatically assisting the development of internal monitoring
  and operational support tools, as well as call detail record
  reporting, translation.
* Carrier access billing management and automation.
* Primary VoIP protocol analysis lead, chiefly for SIP but also some
  MGCP, SCCP and H.323.
* Aided in designing, implementing and troubleshooting carrier VoIP
  infrastructure, including media gateways, softswitches (MetaSwitch,
  Lucent Compact Switch).
* Administered BGP and core routing protocols.
* Designed and implemented RADIUS authentication and authorization
  support for broadband applications and network element
  authentication.
* Performed SIP interoperation testing with carriers.
* Assisted deployment and turn-up of BroadSoft SIP softswitch and
  feature platform.
* Supervision and engineering of outside vendor's H.323 and SIP Least
  Cost Routing platform.
* Linux systems administration.
* Assisted in troubleshooting and resolving day-to-day operational
  issues for integrated data/voice access customers.

November 2007 - February 2008:

Amerisave Mortgage Corporation - Buckhead, GA
Software Engineer / Telecommunications Systems Integrator
Duties, projects and accomplishments:
* Programmatically assisted IP telephony-driven business model
  transformation, optimisation and process streamlining.
* Assisted large-scale infrastructure migration associated with
  office move, including telco contract renegotiation and service
  recasting for voice & data circuits, procurement of colocation
  facilities, IP bandwidth, managed services and WAN connectivity via
  metro Ethernet.

* Developed homegrown fax-to-mail gateway solution using Asterisk +
  IAXmodem + HylaFAX.
* Administered, provisioned, and automated Asterisk PBX and
  Sangoma-based media gateways for PRI handoff.
* Developed automatic provisioning scripts for end-to-end Asterisk
  configuration generation from pre-existing internal databases.
* Modified automatic call distribution / metric weight algorithms in
  Asterisk call queue application source code to reflect call center
  needs.
* Source-level application integration with Asterisk IP telephony
  system and in-house CRM applications, database-driven processes,
  and call center queue performance analysis software.

November 2007 - Present:

Evariste Systems, LLC - Atlanta, GA
Founder/Owner
Evariste Systems is, at present, a side business that I started in late
2006 whose mission is to provide consulting and software solutions for
operational support and analytics in the telecommunications and
networking sector.
Evariste also provides a variety of professional services related to
network engineering, systems administration, VoIP deployment,
communications application development & software integration.
Evariste is presently in development of the following projects:
* EVA (Evariste Voice Arbiter) - hosted SIP billing mediation
  platform for small carriers and telephony service providers that
  aims to provide turn-key call analysis and rating that addresses
  the unique concerns of PSTN interconnection, the need for granular
  rating control in a low-margin termination and origination market
  space. It also offers extensibility to accommodate a range of
  billable services for which SIP is used as a transport, such as
  those that might replace SCP database dips traditionally performed
  over SS7 TCAP in legacy telephony.
* TelDSS (Telephony Decision Support System) - Enterprise telephony
  analytics package that aggregates call information across a range
  of signaling protocols and interfaces to produce unprecedented,
  granular trend and usage information and collates it with a variety
  of critical commercial database resources to produce insightful,
  summative activity reporting of utility to high-level
  decisionmakers, catering to the esoteric niche requirements of the
  CLEC and VoIP sector.

Under the auspices of Evariste as a consultancy, I have also assisted
the following concerns, among others:
* IP Communications
    + Deployment of OpenSER-based SIP registrar to front Nextone
      Session Border Controller.
    + Integration of registrar authentication, routing, and
      concurrent call capability enforcement with production
      database systems using Perl modules and OpenSER APIs.
* Amerisave Mortgage Corporation
    + Continuing support of and integration work on VoIP platform.
    + Technical advisor on a large variety of Linux system and
      network administration issues.
    + Telecommunications services consulting.
    + Re-engineering of network voice & data core in complete
      migration of IT infrastructure to data center, associated
      build-out of new infrastructure.
* CyCORE Systems
    + Developed application-level enhancements to custom, outboard
      point-of-sale module for SQL Ledger (open-source accounting
      system) used by local retailer in Athens, GA.
    + Provided telephony-related consulting, particularly OpenSER
      route plan instruction.
* Northeast Georgia Internet Access, Inc.
    + Assisted in miscellaneous system administration, network
      design and institutional transition during change of ownership
      following acquisition of company after my departure.

CERTIFICATIONS

* Cisco Certified Network Associate (CCNA), November 2006.

EDUCATION

2000 - 2004:

Cedar Shoals High School - Athens, GA
Graduated with 3.4 GPA, dual seal (career/vocational & college
preparatory).

2004 - 2006:

University of Georgia - Athens, GA
Pursued philosophy major for two and a half years. Left in October
2006.

REFERENCES

Professional and personal references are readily available upon
request.

OTHER

Miscellaneous skills:

* Native speaker of Russian language.
* Also conversant in Spanish.
* Some warehouse shipping and forklift experience (Lotus
  International).
* Good communication and customer relations skills.

Interests:

* Technical:
    + Systems programming and software development (particularly C,
      Perl).
    + Telecommunications and telephony (VoIP, SONET, LEC facilities
      and operations).
    + LAN, WAN, and VPN networking.
    + Large-scale routing (e.g. BGP).
    + Collaborative content management systems, AJAX-oriented web
      development.
    + Analytics and business intelligence applications.
    + Telecommunications operational support systems.
* Non-technical:
    + International affairs, politics, history, economics,
      philosophy, law.
    + Foreign languages.

Brad N. Mondschein   Member

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Fax: 860-424-4370
bmondschein@pullcom.com

Practice Areas
· Energy & Utilities
· Green Energy & Environmental Design

Publications and Events
· UPCOMING SEMINAR: ICSC RetailGreen - Sustainability, Energy & Environmental Design
· RECENT SEMINAR: The Climb to Retail Reinvestment and Recovery
· RECENT WEBINAR: Turning Tax Credits into Grants under the New Treasury Regulations
· RECENT SEMINAR: Feeling Stimulated Yet? - The Energy and Green Provisions of the Stimulus Bill
· Grants Available for Small Shipyards
· Connecticut DPUC to Implement New Area Codes in Connecticut
· RECENT SEMINAR: Legal and Regulatory Challenges to the Building Industry
· RECENT SEMINAR: Green Building: The Current Status and Future of Green Building Requirements in Connecticut
· RECENT SEMINAR: Clean Tech Panel
· Groundbreaking News - Fall 2008 Newsletter
· RECENT SEMINAR: Marketing Green Projects and Liability Issues
· Green Legal News Week of June 16, 2008
· RECENT SEMINAR: Green Building: The Current Status and Future of Green Building Requirements in Connecticut
· RECENT SEMINAR: Environmental Liability, Changes to CT Cleanup Standards, and Meeting Current and Future Requirements for Green Buildings in CT
· Groundbreaking News - Spring 2008 Newsletter

Professional Affiliations
American Bar Association

Member, Public Utility Law Section, Connecticut Bar Association

Member, Connecticut Hydrogen and Fuel Cell Coalition

Member, Connecticut Marine Trades Association

Chair, Legislative and Regulatory Policy Working Group of the

Brad N. Mondschein's experience in the areas of regulated industries, telecommunications and the emerging legal issues relating to green energy, green building, fuel cells and alternative energy products has put him in the forefront of these areas of practice. He represents project developers, alternative energy manufacturers; component manufacturers; energy service companies; end-users, landlords, tenants and aggregators in corporate transactions, procurement, installation and maintenance negotiations, joint venture agreements and on regulatory and egislative issues.

In addition, Brad represents and has experience with national and local telecommunications companies, wireless companies, cable companies, satellite communication providers, utility companies and Internet service providers before the Federal Communications Commission, the Connecticut Department of Public Utility Control, and the Connecticut Siting Council in legislative matters and in regulated corporate transactions. He also represents these various companies on litigation matters and administrative appeals in both the federal and state courts. He currently serves as executive director and general counsel to the Connecticut Internet Service Providers Association.

Brad also represents developers, retailers, tenants and consultants in the area of Green building and environmental design. His representation includes energy procurement, including distributed generation, renewable energy credit trading, Green initiatives, carbon trading and carbon emissions and supply chain issues.

The author of numerous articles and publications pertaining to alternative energy usage, Brad recently co-authored "Regulation of Power Generated by Stationary Fuel Cells in the United States," which was published in the *Tulane Environmental Law Review.* He is the author of the independent Green Energy and Development Law Blog.

Brad participates in seminars and conferences on various topics including green energy, green building, fuel cells and alternative energy, emerging markets, utility issues, telecommunications and technology.

In 2004, Brad was named a "40 Under 40" award recipient by the *Hartford Business Journal.* In 2003, Brad was named as a "New Leader of the Law" for Advocacy by the *Connecticut Law Tribune.*

Representative Experience

- Represented alternative energy companies (fuel cell, photovoltaic, wood-chip, biodiesel) in the context of installations, siting, operation and maintenance contracts, grants, RFP responses, regulatory compliance, grid interconnection, gas supply and interconnection, export, venture capital finance, joint venture agreements, joint development agreements and intellectual property.
- Represented Certified Local Exchange Carriers, including general regulatory counsel services, before the Department of Public Utility Control in the areas of access to Operational Support Systems (OSS), loop unbundling, unbundled network elements (UNE) pricing, resale

Environmental/Energy Committee
of the International Council of
Shopping Centers

Community Activities
General counsel to the board of
trustees, Lutz Children's Museum

Member of the board, Jewish
Foundation of Greater Hartford

services and pricing; UNE-P access issues, reciprocal compensation disputes, virtual foreign exchange issues relating to reciprocal compensation and access charges, regulatory compliance required in mergers and acquisitions, interconnection negotiation, and video services. Also, represented Certified Local Exchange Carriers in administrative appeals from the Department of Public Utility Control and represented various clients in general technology litigation and commercial litigation.

- Representec Internet service providers in the areas of billing disputes, xDSL transport services, customer agreements, usage agreements, provisioning issues, Wi-Fi building access, VoIP regulatory compliance and general business issues.
- Provided general corporate and litigation advice to various technology businesses, manufacturing businesses and construction companies, represented property developers, owners, landlords, tenants, and non profit organizations, in the procurement, financing and installation of alternative energy and distributed generation systems. .

Bar & Court Admissions

- State of Connecticut
- U.S. District Court, District of Connecticut
- U.S. Court of Appeals for the Second Circuit

Education

Western New England College School of Law, J.D. *cum laude* 1993
    Member, *Western New England Law Review*

Union College, B.A. 1990

7840 Landowne Drive Atlanta, GA 30350 •404-272-0445•ekatz@gmail.com

Evan Katz

Experience

Jul-1987 to May-1999

Manager of Ticket Procurement Concert Tickets Plus, Inc.   **Old Greenwich, CT**

- Procurement of suppliers

- Contract Negotiation

- Developed first windows based application for the ticketing industry. Providing

  A real-time inventory management and accounting software.

- Created a large scale fax distribution system that facilitated the marketing

  and sales of ticket/tour packages.

Dec-1995 to April-2002

Chief Technology Officer   Discovernet, Inc.   **Stamford, CT**

- Built a facilities based Internet Service Provider from the ground up.

- Managed 10 Employees

- First competitive Internet Service Provider to offer broadband internet over an HFC network in CT

- Deployed facilities based dialup, DSL, Frame Relay, ATM, Point to Point networks in CT

May-2002 to May- 2008

Consultant   Dial Assurance, Inc.   **Atlanta, GA**

- Designed engineered and deployed a facilities based next generation national dialup network that was

  served out of 3 states. A first for the industry. It served 80 plus latas and was utilized by retail/wholesale

  ISPs for outsourcing of their facilities based networks.

- Created sophisticated tools for the ISP customers to manage and control their services in real-time.

- Created a private label Virtual ISP product which enabled entrepreneurs to become ISPs

- Negotiated contracts with several CLECS and LECS for PRIs and private line circuits to facilitate the underlying services required for this project.
- Maintained the entire network, including RAS servers, Transmission Hardware, Network Routers and Switches, backend servers (Radius, DNS, Mail, Slipstream, Database)

Nov-2006 to Present

Consultant   **Clective GA, Inc.**   **Atlanta, GA**

- Negotiation of Interconnection Agreements
- Designed, engineered, deployed and maintained a facilities based CLEC in Georgia
- Network responsibilities which include, ordering, provisioning, turn-up and maintenance for the following: trunks, local/long-haul private line circuits, SS7
- Responsible for all translations
- Research of Interconnection Agreements, tariffs
- Perform in depth traffic analysis

Fax

To:	Mr. Ray Kennedy	**From:**	Evan Katz
Date:	6 October 2009	**Fax:**	203-547-6326
Pages: 4		**Phone:** 404-272-0445	
Re:	Undocketed - Data Request No. Clective-1		

● **Comments:**

Please see the attached.
Fax 2 of 2

7840 Landowne Drive Atlanta, GA 30350 (404)788-8048 pam@clective.com

Patricia Morris

Experience

1989-1993

Customer Service Representative   **Fugazy International Travel**   **Stamford, CT**

- **Corporate and Leisure travel counselor**
- **Arranged corporate meetings and employee incentive travel packages**
- **Arranged worldwide vacation packages for groups and individuals**

1993-1995

Manager, Research and Development   **Robustelli World Travel**   **Stamford, CT**

- **Meeting and event planning for Fortune 500 Companies**
- **Procurement of facilities for events**
- **Managed a group of 5 employees**

1995-1997

Manger, Account Services   **Fugazy International Travel**   **Stamford, CT**

- **Managed on site travel department for a Fortune 500 Company**
- **Managed all aspects of travel for a large corporation which included project management for industry tradeshows, meeting planning, special events, and budget analysis and planning**

1997 - 2004

Manager, Travel Services Division   **Icon International**   **Stamford, CT**

- **Negotiated contracts with Airlines, Hotels, Car Rental Companies for inventory for the trade department**
- **Customer relations Liaison to several Fortune 500 Companies**

- **Business development and marketing**

2002-2008

President   **Dial Assurance, Inc.**   **Atlanta, GA**

- **Business Development**
- **Customer Service**
- **Customer Billing**
- **Project Coordination**

2006-Present

President/Director of Customer Relations Clective GA, Inc.   **Atlanta, GA**

- **Business Development**
- **Customer Relations**
- **Accounting**
- **Project Management**

LOCAL INTERCONNECTION - Florida

Att: 3 Exh: A

CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES($)					Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic- 1st	Incremental Charge - Manual Svc Order vs. Electronic- Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l
						Rec	Nonrecurring		Nonrecuring Disconnect		OSS Rates($)					
							First	Add'l	First	Add'l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN

LOCAL INTERCONNECTION (CALL TRANSPORT AND TERMINATION)

NOTE: "bk" beside a rate indicates that the Parties have agreed to bill and keep for that element pursuant to the terms and conditions in Attachment 3.

TANDEM SWITCHING

Tandem Switching Function Per MOU						0.0006019bk										
Multiple Tandem Switching, per MOU (applies to intial tandem only)						0.0006019										
Tandem Intermediary Charge, per MOU*						0.0015										

* This charge is applicable only to transit traffic and is applied in addition to applicable switching and/or interconnection charges.

TRUNK CHARGE

Installation Trunk Side Service - per DS0			OHO	TPP8X		21.73bk	3.19bk								
Installation Trunk Side Service - per DS0			OHO	TPP9X		21.73bk	3.19bk								
Dedicated End Office Trunk Port Service-per DS0**			OHO	TDECP	0.00										
Dedicated End Office Trunk Port Service-per DS1**			OH1, OH1MS	TDE1P	0.00										
Dedicated Tandem Trunk Port Service-per DS0**			OHO	TDWOP	0.00										
Dedicated Tandem Trunk Port Service-per DS1**			OH1, OH1MS	TDW1P	0.00										

** This rate element is recovered on a per MOU basis and is included in the End Office Switching and Tandem Switching, per MOU rate elements

COMMON TRANSPORT (Shared)

| Common Transport - Per Mile, Per MOU | | | | | | 0.0000035bk | | | | | | | | | | |
| Common Transport - Facilities Termination Per MOU | | | | | | 0.0004372bk | | | | | | | | | | |

LOCAL INTERCONNECTION (DEDICATED TRANSPORT)

INTEROFFICE CHANNEL - DEDICATED TRANSPORT

Interoffice Channel - Dedicated Transport - 2-Wire Voice Grade - Per Mile per month			OHM	1L5NF	0.0091bk										
Interoffice Channel - Dedicated Transport- 2- Wire Voice Grade - Facility Termination per month			OHM	1L5NF	25.32bk	47.35bk	31.78bk	18.31bk	7.03bk						
Interoffice Channel - Dedicated Transport - 56 kbps - per mile per month			OHM	1L5NK	0.0091bk										
Interoffice Channel - Dedicated Transport - 56 kbps - Facility Termination per month			OHM	1L5NK	16.44bk	47.35bk	31.78bk	18.31bk	7.03bk						
Interoffice Channel - Dedicated Transport - 64 kbps - per mile per month			OHM	1L5NK	0.0091bk										
Interoffice Channel - Dedicated Transport - 64 kbps - Facility Termination per month			OHM	1L5NK	18.44bk	47.35bk	31.78bk	18.31bk	7.03bk						
Interoffice Channel - Dedicated Channel - DS1 - Per Mile per month			OH1, OH1MS	1L5NL	0.1955bk										
Interoffice Channel - Dedicated Tranport - DS1 - Facility Termination per month			OH1, OH1MS	1L5NL	88.44bk	105.54bk	99.47bk	21.47bk	19.05bk						
Interoffice Channel - Dedicated Transport - DS3 - Per Mile per month			OH3, OH3MS	1L5NM	3.87bk										
Interoffice Channel - Dedicated Transport - DS3 - Facility Termination per month			OH3, OH3MS	1L5NM	1071.00bk	535.46bk	219.28bk	72.03bk	70.56bk						

LOCAL CHANNEL - DEDICATED TRANSPORT

Local Channel - Dedicated - 2-Wire Voice Grade per month			OHM	TEPV2	19.66bk	265.64bk	46.97bk	37.63bk	4.00bk						
Local Channel - Dedicated - 4-Wire Voice Grade per month			OHM	TEPV4	20.45bk	266.54bk	47.67bk	44.22bk	5.39bk						
Local Channel - Dedicated - DS1 per month			OH1	TEFHG	36.49bk	216.65bk	163.54bk	24.30bk	16.95bk						
Local Channel - Dedicated - DS3 Facility Termination per month			OH3	TEFHJ	591.91bk	556.37bk	343.01bk	139.13bk	96.84bk						

LOCAL INTERCONNECTION MID-SPAN MEET

| Local Channel - Dedicated - DS1 per month | | | OH1MS | TEFHG | 0.00 | 0.00 | | | | | | | | | |
| Local Channel - Dedicated - DS3 per month | | | OH3MS | TEFHJ | 0.00 | 0.00 | | | | | | | | | |

MULTIPLEXERS

Channelization - DS1 to DS0 Channel System			OH1, OH1MS	SATN1	146.77bk	101.42bk	71.62bk	11.09bk	10.49bk						
DS3 to DS1 Channel System per month			OH3, OH3MS	SATNS	211.19bk	199.29bk	118.64bk	40.34bk	39.67bk						
DS3 Interface Unit (DS1 COCI) per month			OH1, OH1MS	SATCO	13.76bk	10.07bk	7.08bk								

Notes: If no rate is identified in the contract, the rates, terms, and conditions for the specific service or function will be as set forth in applicable BellSouth tariff.

SIGNALING (CCS7)

NOTE: "bk" beside a rate indicates that the parties have agreed to bill and keep for that element pursuant to the terms and conditions in Attachment 3.

CCS7 Signaling Termination, Per STP Port			UDB	1PT9SX	135.05										
CCS7 Signaling Usage, Per TCAP Message					0.0000060?bk										
CCS7 Signaling Connection, Per DS1 level link (A link)			UDB	TPP9A	17.93	43.57	43.57	18.31	18.31						
CCS7 Signaling Connection, Per DS3 level link (A link)			UDB	TPP9A	17.93	43.57	43.57	18.31	18.31						
CCS7 Signaling Connection, Per DS1 level link (B link) (also known as D link)			UDB	TPP9B	17.93	43.57	43.57	18.31	18.31						