

**Gas Industry Standards Board
Future Technology Task Force
Teleconference
August 18, 1998
Draft Minutes**

The meeting was called to order at 2:00 CDT.

Susan Croley read the antitrust guidelines.

Richard Hamilton volunteered to take minutes.

The agenda was to review of Item 9 of the EC request: FTTF should define any necessary standards for connecting with third party communication networks.

Discussion on this requirement included the following:

There were questions about the purpose of allowing third party communication networks. The original requirement was reviewed in 587-G on page 113. The rationale for this requirement was reviewed in the NOPR 587-F on page 34. There was some discussion about the purpose of this requirement. It was agreed that some clients have security concerns about using the Public Internet and feel a private network connection would be more secure. It was also noted that this third party connection could be used as a redundant connection to a given TSP.

It was agreed the requirement for connecting third party communication networks applied to both EDM and customer Web access but may not be the same solution for both. There was a question as to who provided the network, the customer or the TSP. This did not seem to be crucial question.

There was some discussion on the definition of a private network and a third party communication network. Absent a clear and concise definition of these terms, it may be difficult to completely define any necessary standards or guidelines.

It was agreed that all connections must happen outside of the TSP's firewall. There was lively discussion on where a private connection should interconnect to the TSP's network. Steve Hinton of Transcapacity felt the connection point of a private network must be a similar logical point in the TSP's private network as the Public Internet connection. Steve stated that if the connections were not similar, the service provided would not be uniform, nor would the service be comparable with other connectivity options. Pete Whatley proposed that TSP's should draw a line around their internal network just outside their firewalls. Pete then stated that any connection point on this "TSP firewall boundary" would provide compliant services.

Susan Croley of Duke Energy proposed a static route frame relay solution (ATM) which would allow shared network connections. The downside is these network providers are not compatible with each other, which would imply TSPs with multiple third party interconnections. It was decided this idea needed more research.

Several participants pointed out there are already private network connections being used in lieu of the public Internet. The network diagrams of these existing connections will be included in work papers.

It was decided that these ideas needed some research before the Calgary meeting. Participants were invited to continue to develop these ideas and present their findings as work papers to the GISB office

before August 26th. Participants were also encouraged to continue research until the Calgary meeting at the end of August.

The meeting was adjourned at 11:14 CDT.

Attendees:

Mike Stender	El Paso
Bill Fortney	El Paso
Joe Kardas	National Fuel Supply
Pete Whatley	Dynegy
John Smith	CNG
Thomas Eckel	Sabre Energy Services
Brian Welty	Sabre Energy Services
Julie Edwards	Sabre Energy Services
Susan Croley	Duke Energy – Trunkline Gas
Andy Sicignano	Enron Capital & Trade Resources
Steve Hinton	TransCapacity
Richard Hamilton	Williams Natural Gas
Ron Payne	Sonat
Leigh Spangler	Latitude Technologies
Michael Shahan	CNG
Stan Thomas	KN Energy
John Cohron	Altra

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