

September 15, 1997 (DRAFT)

The Honorable Lois D. Cashell, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

References: Docket No. RM95-9-003; Order No. 889-A: “Open Access Same-Time Information System and Standards of Conduct”, March 4, 1997

“Notice of Technical Conference and Clarification of Procedures for Developing Scheduling Requirements”, June 25, 1997

OASIS How Working Group letter, June 27, 1997

Open Access Same-time Information System and Standards of Conduct, Docket No. RM95-9-003, July 15, 1997

Dear Madam Secretary:

In the OASIS “Notice of Filing and Request for Comments on Request for Clarification of Masking Procedures and Proposed Interim Steps to Implement On-line Negotiation and Posting of Discounts”, RM95-9-003, July 15, 1997:

The Commission also requests suggestions for any revisions to the Standards and Communication Protocols and data dictionary needed to implement the interim measures.

Enclosed are the pages with the suggested changes in the Phase I, OASIS Standards and Communication Protocol as proposed by the OASIS How Working Group to implement the interim measures for price negotiations.

Sincerely,

Gerry Cauley
Facilitator

OASIS How Working Group
North American Electric Reliability Council

Peter Hirsch
Facilitator

OASIS How Working Group
Electric Power Research Institute

cc: D. Nevius, W. Booth, M. Rosenberg, OASIS How WG, Commercial Practices WG, posted to: www.tsin.com and tsin email exploder

Docket No. RM95-9

Form Approved
OMB No. 1902-0173
Expires February 28, 1999

FEDERAL ENERGY REGULATORY COMMISSION

STANDARDS

AND

COMMUNICATION PROTOCOLS

FOR

OPEN ACCESS SAME-TIME INFORMATION SYSTEM

(OASIS Phase I with Interim Measures)

Version 1.11

(September 15, 1997)

4.3.7 Purchase Transmission Services

The following Templates shall be used by Customers and Sellers to transact purchases of services.

- The Template (transrequest) shall be used by a customer to enter a request for specific transmission services from a specific Seller.
- The Template (transstatus) shall be used by both Customers and Sellers to monitor the status of their transactions in progress. This Template shall also be used by any Users to review the status of specified transactions. **In this case, the identity of the Customers in the transactions which have not been completed shall not be shown.** Negotiation of the transactions may take place outside of the OASIS.
- The Template (transsell) shall be used by a Reseller to formally enter the approval or disapproval of a transaction and indicate which rights are to be reassigned. A Primary Provider may, but is not required, to enter transaction approval or disapproval using this Template.
- The Customer shall use the transstatus Template to view the Seller's decision.
- After receiving notification of the transaction being approved by the Seller, the Template (transcust) shall be used by the Customer to formally enter the confirmation or withdrawal of the offer to purchase services.
- The Reseller shall use the transstatus Template to view the Customer's decision.
- For deals consummated off the OASIS, after the Customer has accepted the offering, the Template (transassign) may be used by the Reseller to notify the Primary Provider of the transfer of rights to the Customer.

The TSIP shall assign a unique reference identifier for each Customer request to purchase capacity or services. This identifier will be used to track the request through various stages. This ASSIGNMENT_REF is kept with the service through out its life. Whenever the service is resold, a new ASSIGNMENT_REF number is assigned, but previous ASSIGNMENT_REF numbers are also kept so that a chain of all transactions related to the service can be maintained.

Sellers may aggregate portions of several previous purchases to create a new service, if this capability is provided by the Transmission Services Information Provider. Sellers, including Transmission Providers, can aggregate their posting by using a unique number, SALE_REF.

Customers can track their purchases through unique values that they provide, DEAL_REF and REQUEST_REF.

For on-line price negotiation the customer can modify the price field when submitting a request to

purchase transmission service using the transrequest template. The provider response in the transstatus template will be accepted if the bid is approved and denied if the bid is not acceptable. The reason for denial would be shown in the comments field. The transstatus template would retain the customer's bid price as a permanent record, whether accepted or not. If the request is denied for price reasons, the customer could repeat the process by submitting a new request with a different price bid. If a discount is given on a posted product, it is also required that the transmission provider change the posted offer price to match the discount, for all unconstrained paths to the same point of delivery (POD) and for the same time period.

- a. **Customer Capacity Purchase Request** (Input) (transrequest) is used by the Customer to request the purchase of transmission services. The response simply acknowledges that the Customer's request was received by the OASIS Node. It does not imply that the Seller has received the request.

When the request is received at the OASIS Node, the TSIP assigns a unique value to the ASSIGNMENT_REF, which will be used to track all transactions related to this specific transmission service being requested.

Specification of a value YES in the PRECONFIRMED field authorizes the TSIP to automatically change the STATUS field in the transstatus template to CONFIRMED when that request is ACCEPTED by the Seller.

Template: **transrequest**

1. **Input** (Upload template)

SELLER (Primary or Reseller)
SELLER_DUNS
CUSTOMER
CUSTOMER_DUNS
PATH_NAME
POINT_OF_RECEIPT
POINT_OF_DELIVERY
SOURCE
SINK
CAPACITY
CAPACITY_TYPE
SALE_REF
BEGTIME (Valid only hour)
ENDTIME (Valid only hour)
PRICE
PRICE_UNITS
PRECONFIRMED
CUSTOMER_NAME
CUSTOMER_PHONE

CUSTOMER_FAX
CUSTOMER_E-MAIL
REQUEST_REF
DEAL_REF
CUSTOMER_COMMENTS

2. **Response** (acknowledgement)

ASSIGNMENT_REF (assigned by TSIP)
SELLER
SELLER_DUNS
CUSTOMER
CUSTOMER_DUNS
PATH_NAME
POINT_OF_RECEIPT
POINT_OF_DELIVERY
SOURCE
SINK
CAPACITY
CAPACITY_TYPE
SALE_REF
BEGTIME
ENDTIME
PRICE
PRICE_UNITS
PRECONFIRMED
CUSTOMER_NAME
CUSTOMER_PHONE
CUSTOMER_FAX
CUSTOMER_E-MAIL
REQUEST_REF
DEAL_REF
CUSTOMER_COMMENTS

- b. **Status of Customer Purchase Request** (transstatus) is provided upon the request of a Customer or a Provider to indicate the current status of one or more transactions.

When a Customer requests this Template with his own name indicated, all active purchase requests for that Customer are provided. ~~Only the authorized Customer is permitted to view this information in this manner. All others will have the customer identification blocked for the first 30 days.~~

When a Seller requests this Template with his own name indicated, all active requests for purchasing services from that Seller are retrieved.

Other fields, such as SOURCE and SINK, may be masked to comply with FERC regulations and Primary Provider tariff.

If neither a specific Customer's name nor a specific Seller's name is indicated, then the status of all transactions for the requested Path(s) are shown, but with the Customers' names not provided for any uncompleted transactions.

QUEUED = initial status assigned by TSIP on receipt of "customer capacity purchase request"
RECEIVED= reassigned by TP to acknowledge QUEUED requests and indicate the service request is being evaluated
STUDY= assigned by TP to indicate some level of study is required or being performed to evaluate service request
ACCEPTED= assigned by TP to indicate service request has been approved/accepted
REFUSED= assigned by TP to indicate service request has been denied, SELLER_COMMENTS should be used to communicate reason for denial of service
CONFIRMED= assigned by TC in response to TP posting "ACCEPTED" status, to confirm service. Once a request has been "CONFIRMED", a transmission service reservation exits
WITHDRAWN= assigned by TC at any point in request evaluation to withdraw the request from any further action
DISPLACED= assigned by TP when a "CONFIRMED" request from a TC is displaced by a longer term request and the TC has exercised right of first refusal (ie. refused to match terms of new request)

Template: **transstatus**

1. **Query**

SELLER (or SELLER1 & SELLER2, etc)
SELLER_DUNS (or SELDUNS1 & SELDUNS2, etc)
CUSTOMER
CUSTOMER_DUNS
PATH_NAME (or PATH, PATH1 & PATH2, etc)
POINT_OF_RECEIPT (or POR, POR1 & POR2, etc)
POINT_OF_DELIVERY (or POD, POD1 & POD2, etc)
CAPACITY_TYPE (or CAPTYPE, CAPTYPE1 & CAPTYPE2, etc)
ASSIGNMENT_REF
REASSIGNED_REF
SALE_REF
REQUEST_REF
DEAL_REF
STATUS

BEGTIME (Beginning time of service)
ENDTIME
BEGDATE_SEC_QUEUED (Beginning time queue)
ENDDATE_SEC_QUEUED
BEGTIME_OF_LAST_UPDATE
RETURN_TZ

2. **Response**

TIME_OF_LAST_UPDATE
ASSIGNMENT_REF
SELLER (PRIMARY or RESELLER)
SELLER_DUNS
CUSTOMER
CUSTOMER_DUNS
PATH_NAME
POINT_OF_RECEIPT
POINT_OF_DELIVERY
SOURCE
SINK
CAPACITY (total reservation)
CAPACITY_TYPE
BEGDATE_HOUR
ENDDATE_HOUR
PRICE
PRICE_UNITS
PRECONFIRMED
SALE_REF
REQUEST_REF
DEAL_REF
STATUS= **RECEIVED, QUEUED, STUDY, ACCEPTED, REFUSED,
CONFIRMED, WITHDRAWN, DISPLACED**
STATUS_COMMENTS
DATE_SEC_QUEUED
PRIMARY_PROVIDER_COMMENTS
SELLER_COMMENTS
CUSTOMER_COMMENTS
SELLER_NAME
SELLER_PHONE
SELLER_FAX
SELLER_E-MAIL
CUSTOMER_NAME
CUSTOMER_PHONE
CUSTOMER_FAX
CUSTOMER_E-MAIL

REASSIGNED_REF

REASSIGNED_CAPACITY (Capacity from each previous transaction)

REASSIGNED_BEGDATE_HOUR

REASSIGNED_ENDDATE_HOUR

4.3.11 Informal Messages

- a. **Provider/Customer Want Ads, Discount and Informal Message Posting Request (Input)** (messagepost) is used by Providers and Customers who wish to post a message.

Disclosure of discounts given will be accomplished on an interim basis using the existing message template. A category called discounts will indicate that the message will contain discount information. The provider will indicate in the data element, MESSAGE, information such as service type, path, POR, POD, customer name, price, and terms of the discount. If a discount is given on a posted product, it is also required that the transmission provider change the posted offer price to match the discount, for all unconstrained paths to the same point of delivery (POD) and for the same time period.

For price discounts the information is entered by the Transmission Provider and the data elements related to CUSTOMER_DUNS, CUSTOMER_NAME, CUSTOMER_PHONE, CUSTOMER_FAX, CUSTOMER_E-MAIL would be that of the Transmission Provider.

Template: **messagepost**

1. **Input** (template upload)

CUSTOMER
CUSTOMER_DUNS
CUSTOMER_NAME must be specified
CUSTOMER_PHONE must be specified (if FAX or E-MAIL is blank)
CUSTOMER_FAX must be specified (if PHONE or E-MAIL is blank)
CUSTOMER_E-MAIL must be specified (if PHONE or FAX is blank)
CATEGORY
MESSAGE must be specified
DATE_SEC_POSTED
DATE_SEC_EXPIRES

2. **Response** (acknowledgement)

POSTING_REF (assigned by information provider)
CUSTOMER
CUSTOMER_DUNS
CUSTOMER_NAME
CUSTOMER_PHONE
CUSTOMER_FAX
CUSTOMER_E-MAIL
CATEGORY
MESSAGE

DATE_SEC_POSTED
DATE_SEC_EXPIRES

- b. **Message** (message) is used to view a posted Want Ad or Informal Message.

Template: **message**

1. **Query**

CUSTOMER
CUSTOMER_DUNS
POSTING_REF
CATEGORY
BEGTIME_OF_LAST_POSTING

2. **Response**

TIME_OF_LAST_UPDATE
CUSTOMER
CUSTOMER_DUNS
DATE_SEC_POSTED
DATE_SEC_EXPIRES
CUSTOMER_NAME
CUSTOMER_PHONE
CUSTOMER_FAX
CUSTOMER_E-MAIL
POSTING_REF
CATEGORY
MESSAGE

- c. **Provider/Sellers Message Delete Request (Input)** (messagedelete) is used by Providers and Sellers who wish to delete their message. The POSTING_REF number is used to determine which message.

Template: **messagedelete**

1. **Input** (Template upload)

CUSTOMER
CUSTOMER_DUNS
DATE_SEC_POSTED
DATE_SEC_EXPIRES
POSTING_REF (required)

Appendix A
Data Element Dictionary

September 15, 1997

Version 1.11

Data Dictionary Element Name	Alias	Field Format : minimum characters {type of ASCII} maximum characters	Restricted Values	Definition of Data Element
ANCILLARY_SERVICE_TYPE	ANCTYPE	1{ALPHANUMERIC}20	Free-form text	A reference to the ancillary service types defined by the Primary Provider or Seller.
ASSIGNMENT_REF	AREF	1{ALPHANUMERIC}12	Unique value	A unique reference number assigned by a Transmission Information Provider to provide a unique record for each transmission or ancillary service request. A single transmission or ancillary service request will be over a contiguous time period, i.e from a BEGTIME to an ENDTIME.
BEGDATE_HOUR	BEGHOUR	12{ALPHANUMERIC}12	Valid date and time to hours: yyyy+mo+dd+hh+tz	Beginning Date, time, and time zone. Military time is used. Example: 1996021201PS
BEGDATE_SEC_QUEUED	BQUEUED	16{ALPHANUMERIC}16	Valid date and time to seconds: yyyy+mo+dd+hh+mm+ss+tz	Beginning date and time of queue.
BEGTIME	BTIME	16{ALPHANUMERIC}16	Valid Date and Time to seconds: yyyy+mo+dd+hh+mm+ss+tz	Beginning date and time. Note that for some templates when used as a query variable the time may be only valid up to the hour, day or month. If more data is given than is valid, the hour, day or month will be used to make the date and time inclusive, i.e. date or time will be truncated to valid hour, day or month.
BEGTIME_OF_LAST_POSTING	BLPOST	16{ALPHANUMERIC}16	Valid date and time to seconds: yyyy+mo+dd+hh+mm+ss+tz	Date and time to seconds that messages were posted. May be used to search for messages posted since a specific point in time.
BEGTIME_OF_LAST_UPDATE	BLUPDATE	16{ALPHANUMERIC}16	Valid date and time to seconds: yyyy+mo+dd+hh+mm+ss+tz	Date and time to seconds that data was last updated. May be used to search data updated since a specific point in time.

Data Dictionary Element Name	Alias	Field Format : minimum characters {type of ASCII} maximum characters	Restricted Values	Definition of Data Element
CAPACITY	CAP	1{NUMERIC}12	Non-negative number in units of MW	Transfer capability is the measure of the ability of the interconnected electric system to readily move or transfer power from one area to another over all transmission lines (or paths) between those areas under specified system conditions. In this context "area" may be an individual electric system, powerpool, control area, subregion, or NERC region or portion thereof.
CAPACITY_CURTAILED	CAPCUR	1{NUMERIC}12	Non-negative number in units of MW	The amount of transfer capability curtailed by the Primary provider for emergency reasons
CAPACITY_SCHEDULED	CAPSCH	1{NUMERIC}12	Non-negative number in units of MW	Transfer capability scheduled on each path
CAPACITY_TYPE	CAPTYPE	1{ALPHANUMERIC}5 0	Valid name from CAPACITY_TYPE in LIST template	The type of transfer capability being referenced. <i>Examples include Hourly-Total-Transmission-Capacity, Daily-Firm, Monthly-Non-Firm, Hourly-Firm-On-Peak, Daily-Firm-Off-Peak, Yearly-Non-Firm-On-Peak, Monthly-Non-Firm-Off-Peak</i>
CATEGORY	CAT	1{ALPHANUMERIC}2 5	DISCOUNTS, null	DISCOUNTS or no value
COLUMN_HEADERS	HEADERS	1{ALPHANUMERIC}L imited to all the elements names in one Template	Headers surrounded with “ and separated by commas. Limited to valid Template element names. Should use full element name and not alias.	Example: COLUMN_HEADER=“PATH_NAME”,“POINT_OF_RECEIPT”,“POINT_OF_DELIVERY”,“SOURCE”,“SINK”