

**Gas Industry Standards Board
Request for Enhancement of an Existing GISB Standard
for Electronic Business Transactions**

2/21/97

R97036

1. Companies submitting entry:

Koch Gateway Pipeline Company (KGPC)

Natural Gas Pipeline Company (NGPL)

2. Contact Persons:

Name: Lisa Arthur
Company: KGPC
Phone: (713) 229-4638
Fax: (713) 229-5112
E-mail: arthurl@kochind.com

Name: Mike Schisler
Company: NGPL
Phone: (713) 963-3589
Fax: (713) 963-3085
E-mail: mike_schisler@oxy.com

3. Description of Required Enhancement

Please modify the GISB Implementation guides to reflect changes that are needed to support the Pathed Non-Threaded implementation of the GISB Pre-Determined Allocation and Allocation Statement datasets.

Attachments detail the additions that are needed, both to the technical implementation narrative and to the Data Element Cross Reference to ASC X12. No additions or revisions are needed to the Data Dictionaries for these datasets.

Please note that at present, KGPC and NGPL are working actively with the Market Settlement Task Force to get these changes incorporated into a significant revision of the datasets that has been proposed by Market Settlement, in requests R96125 and R96131. At this point, we are optimistic, as indicated by a unanimous vote at the January Market

**Gas Industry Standards Board
Request for Enhancement of an Existing GISB Standard
for Electronic Business Transactions**

2/21/97

Settlement meeting, that the changes we have proposed in this request will be adopted by the Market Settlement as part their efforts under R96125 and R97xxx.

In the event that the changes proposed by the pathed pipelines are not adopted, NGPL and KGPC are still dependent upon the changes identified in this request for successful implementation of the allocations process for the pathed-non threaded model. Thus, we ask that GISB enter our request into the queue of changes needed for April, May and June implementation and assign it a request number, just in case.

4. Impact on the GISB Approved and Proposed Transaction Sets:

Required on Approved Transaction Sets:			
Nomination	No	Upload to Pipeline of Prearranged Deal (UPPD)	No
Nomination Quick Response	No	UPPD - Validation	No
Request For Confirmation	No	UPPD - Notify and Request to Confirm	No
Confirmation Response	No	UPPD - Bidder Confirmation	No
Scheduled Quantity	No	UPPD - Bidder Confirmation Validation	No
Transportation/Sales Invoice	No	UPPD - Final Disposition	No
Payment Remittance	No	Firm Transportation & Storage - Offer	No
Statement of Account	No	Bid Review	No
Pre-determined Allocation	Yes	Firm Transportation & Storage - Award Notice	No
Pre-determined Allocation - Quick Response	No	Firm Transportation & Storage - Withdrawal	No
Shipper Imbalance	No	Electronic Withdrawal Upload	No
Allocation Statement	Yes	Operationally Available & Unsubscribed Capacity	No
Measurement Information	No	Response to Upload of Request for Download	No
		System-Wide Notices	No
		Note/Special Instruction	No
Required on Proposed Transaction Sets:			
Measurement Audit Statement	No		
Cash-Out Statement	No		
Request for Allocation Statement	No		
Request for Imbalance Statement	No		

New Error Messages Required:

None

**Gas Industry Standards Board
Request for Enhancement of an Existing GISB Standard
for Electronic Business Transactions**

2/21/97

5. Describe Any Tangible or Intangible Benefits to the Use of the Proposed Standard or Enhancement:

The proposed changes can be accommodated within the existing data elements. This change clarifies the usage of the existing data elements for the pathed non-threaded model.

6. Estimate the Incremental Specific Costs to Implement Proposed Standard or Enhancement.

Since we have not proposed additional data elements and have written the narrative that is to be placed in the GISB implementation guides, there should be little or no cost to the rest of the industry to implement these changes.

The changes we have proposed should actually save the industry money, in that the standardized models will all use will be easier to understand.

7. Description of any Specific Legal or Other Considerations

Although the data dictionaries support the pathed non-threaded models, the technical implementation detail does not. As such, these changes are needed so that users of the pathed non-threaded models can conform with the GISB standards for PDA's and Allocations.

8. If This Proposed Standard or Enhancement is not Tested Yet, List Trading Partners Willing to Test Standard or Enhancement (Corporations or Contacts)

9. If This Proposed Standard or Enhancement is In Use, Who are the Trading Partners:

10. Attachments (Such as: further detailed proposals, transaction data descriptions, information flows, implementation guidelines, business process descriptions, examples of ASC ANSI X12 mapped transactions):

See attached implementation narrative and ASC X12 mapping.

**Gas Industry Standards Board
Request for Enhancement of an Existing GISB Standard
for Electronic Business Transactions**

2/21/97

The following Narrative should be inserted in the Technical of Business Process for the GISB Predetermined Allocation:

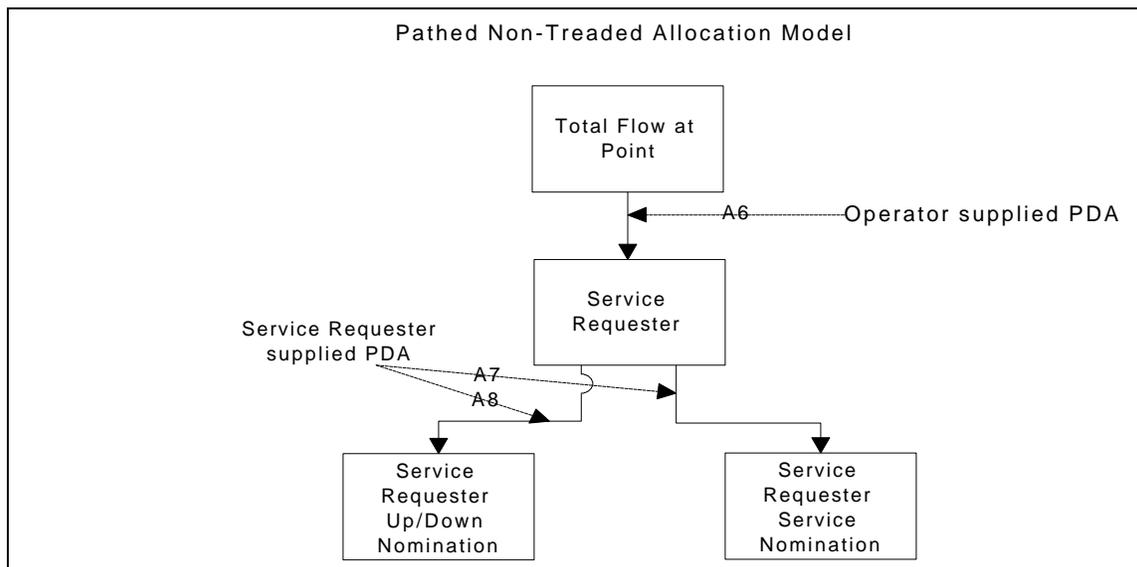
Pathed Non-Threaded Pre-Determined Allocation Model

When volume is allocated under the pathed models, it is possible to tie the allocation of a service requester's volume to the allocation of the up or downstream party's volume at the same point. When this allocation practice is in place, the volume is first allocated to the up or downstream contracts at a point and then further allocated to the service requester contracts at the point. This sub-allocation practice is possible because the upstream and/or downstream parties are explicitly referenced on the service requester's service nomination.

When a transportation service provider follows the pathed non-threaded model, there is no threading between the service requester's pathed nominations and the service requester's upstream and downstream nominations. Therefore, the TSP using the pathed non-threaded nominations model must follow a different allocations model from that used by most pathed service providers.

With the pathed non-threaded model, like the pathed and non-pathed models, allocations may either be performed in a one step process by allowing a single party to submit a PDA that will allocate the volume from the point level all the way down to the lowest level of detail submitted on the nomination or may be performed in a multi-step process, by allowing multiple parties to specify the distribution of the point's volume at varying levels of allocation.

When a multi-step allocations process is supported by the pathed non-threaded TSP, there may be three allocation steps.



**Gas Industry Standards Board
Request for Enhancement of an Existing GISB Standard
for Electronic Business Transactions**

2/21/97

1. First, the total flow at the point is allocated to the service requester level to determine the service requester's balance at the point. When this PDA is submitted by the point operator using the "A6" method is used. If the TSP supports the practice of tracking a title transfer chain, then this step is used to allocate the total flow to the first party in each chain. Balances for subsequent parties in the chain are calculated by the TSP using the previous parties downstream PDAs.
2. Next, the service requester's balance at the point is allocated to service requester's nominations at the point. This PDA is typically submitted by the service requester (or their agent) by using the "A7" method.
3. For delivery nominations, in support of standard 2.3.24 "Delivery point allocations should be performed at the lowest level of detail provided by nominations", the service requester (or his agent) can submit a PDA to allocate his balance at the point to his downstream parties using the "A8" method. Some TSP's may choose to exceed the GISB standard by allowing a similar practice for receipt nominations in which the service requester would be allowed submit a PDA to allocate his point balance to the upstream parties at the point.

The following Narrative should be inserted in the Technical of Business Process for the GISB Allocation Statement:

Pathed Non-Threaded Allocation Statement

The allocation statements for the pathed non-threaded model are generated for the operator to service requester (A6) and service requester to upstream/downstream parties (A8) levels, as described under the Technical Implementation of Business Process for the GISB Pre-determined Allocation.

Like the pathed model, allocation to the service requester nomination level (A7) is not required on an Allocation statement since it is provided on the Shipper Imbalance Statement.

**Gas Industry Standards Board
Request for Enhancement of an Existing GISB Standard
for Electronic Business Transactions**

2/21/97

The following changes listed in columns A6, A7, and A8, should be used as guidelines for determining the changes that are needed to the Data Element Cross Reference to ASC X12 for both the GISB Predetermined Allocation and the GISB Allocation Statement:

DATA ELEMENT CROSS REFERENCE TO ASC X12

Pathed & Non-Pathed

A1 = Operator @ Receipt or Delivery Point
A2 = Upstream/Downstream @ Receipt or Delivery Point
A3 = Operator @ Receipt Point
A4 = Operator @ Delivery Point
A5 = Service Requester @ Receipt or Delivery Point

Pathed Non-Threaded

A6 = Operator to Service Requester
A7 = Service Requester to Service Requester Contract
A8 = Service Requester to Upstream or Downstream

Notes:

1. The columns A4 and A5 and the revisions to A1 - A5 are part of a proposal being prepared by the Market Settlement Committee and are not part of this request.
2. To the extent that the same data element appears both on the PDA and the Allocation Statement, it's usage for the columns A6, A7, and A8 will be the same on both statements.

Header:

Segment	Usage								GISB Data Element Name
	A1	A2	A3	*A4	*A5	*A6	*A7	*A8	
ST	M	M	M	M	M	M	M	M	Transaction Set Header
BCA	M	M	M	M	M	M	M	M	Beginning Segment
PER	M	M	M	M	M	M	M	M	Contact Person
N1	M	M	M	M	M	M	M	M	Statement Recipient ID
N1	M	M	M	M	M	M	M	M	Preparer ID
DTM	M	M	M	M	M	M	M	M	Statement Date/Time
DTM	M	M	M	M	M	M	M	M	Accounting Period

Detail:

Segment	Usage								GISB Data Element Name
	A1	A2	A3	*A4	*A5	*A6	*A7	*A8	
POC	M	M	M	M	M	M	M	M	Line Item
SI	M	M	M	M	M	M	M	M	Statement Basis
	M	M	M	M	M	M	M	M	Direction of Flow
	C	C	C	C	C	C	C	C	Adjustment Type
DTM	M	M	M	M	M	M	M	M	Beginning Flow Date/Time
	M	M	M	M	M	M	M	M	Ending Flow Date/Time
N1	M	M	M	M	M	M	M	M	Location Code
SLN	M	M	M	M	M	M	M	M	Allocated Quantity
	M	BC	nu	M	M	nu	M	M	Service Requester Contract
SI	C	*nu	C	nu	nu	nu	nu	C	Upstream Contract Identifier
	C	*nu	*nu	nu	nu	nu	nu	C	Downstream Contract Identifier
	MA	MA	nu	nu	MA	nu	MA	MA	Package ID
	MA	nu	nu	nu	MA	nu	MA	MA	Service Provider's Activity Code
PO3	M	M	M	M	M	M	M	M	Scheduled Quantity
PO3	BC	BC	BC	BC	BC	BC	BC	BC	Operational Quantity
PO3	BC	BC	BC	BC	BC	BC	BC	BC	Penalty Variance Quantity
N1	C	nu	C	nu	nu	nu	nu	C	Upstream Identifier Code
N1	C	nu	*nu	nu	nu	nu	nu	C	Downstream Identifier Code
N1	*M	M	nu	M	M	M	M	M	Service Requester ID

**Gas Industry Standards Board
Request for Enhancement of an Existing GISB Standard
for Electronic Business Transactions**

2/21/97

Allocation Data Dictionary data elements not currently mapped X12:

	?	?	?	?	?	MA	MA	MA	Ending Imbalance Quantity
	?	?	?	?	?	MA	MA	MA	Ending Imbalance Value

PDA Data Elements not repeated on Allocation Statement:

						M	M	M	Allocation Method
						MA	MA	MA	Allocation Rank Indicator
						C	C	C	Allocation Rank Level
						BC	BC	BC	Limit Value

Summary:

Segment	Usage								GISB Data Element Name
	A1	A2	A3	*A4	*A5	*A6	*A7	*A8	
CTT	M	M	M	M	M	M	M	M	Transaction Totals
SE	M	M	M	M	M	M	M	M	Transaction Set Trailer

*Differs from the 6/14/96 Usage.