

**GISB Technical Subcommittee  
ANSI Compliance Team  
Final Meeting Minutes  
May 27 - 28, 1998**

**1. Welcome and Introductions**

Kim Van Pelt called the meeting to order. Introductions were made.

**2. Anti-Trust Warning**

Reviewed by Kim Van Pelt.

**3. Adoption of Agenda**

Adopted as modified to delete item 4, Adoption of Meeting Minutes

**5. Develop ANSI compliant version of Nomination and Create DMRs, as necessary**

Are there any ANSI X12 transaction sets that have the same business purpose as the GISB Nomination?

Note that there is an 850 Purchase Order, an 875 Grocery Products Purchase Order, and a 940 Warehouse Shipping Order. The description for Warehouse Shipper Order seems to conform more to that of a Gas Nomination than the 850 Purchase Order.

Jim Keisler attended an EDI class in which he was told that the 875 Grocery Products Purchase Order was included in the ANSI standards to avoid alienating the Grocery Industry. DISA is not going to allow any new development in the 875, and the 850 is the preferred document for Purchase Orders.

Other documents reviewed and considered/dismissed: 104 Air Shipment Information, 404 Rail Carrier Shipment Information, 830 Planning Schedule with Release Capability, 163 Transportation Appointment Schedule Information

Problems with 850 Purchase Order:

1. 850 is for sales and purchases, and we need a document for transportation
2. 850 is for goods and services, and transporting is a service, but there is no pricing or billing information required in the Nomination like you would have for a Purchase Order
3. SI segment in 850 is a prime example of something that doesn't fit with our business case; we are currently using the SI incorrectly since it is set up for Products & Services

Biggest reason we need our own document is that we are not buying and selling. Tariff rates apply, no pricing information is included in the nomination.

Rail industry seems to parallel our industry, so it seems like they would have some document they use that might work for us. A number of the transaction sets in the X12 book are specific for the rail industry, but do not work for the gas industry. It seems like we need to follow their lead and create our own documents.

One approach could be to see what we need to add in the 850, and also develop our own document, and present both to the X12 subcommittees. Or, we can see which segments are most appropriate with our business data elements, and then get Sarita to review our choice of

segments and go from there.

We started with the Nomination data dictionary and began picking segments in the 4010 book:

<b>GISB Data Element Name</b>	<b>Usage</b>	<b>Data Type/value/size required</b>
Header Level:		
Time Stamp	M	Date/Time
Transportation Service Provider	M	DUNS number
Service Requester	M	DUNS number
Detail Level:		
Service Requester Contract	M	Alphanumeric - currently 30 chars
Model Type	M	Character
Beginning Date	M	Date
Beginning Time	BC	Time
Ending Date	M	Date
Ending Time	M	Time
Sub-detail Level:		
Nominator's Tracking ID	M	alphanumeric - currently 11 chars
Quantity	M	numeric - currently real number 15 digits
Bid Transportation Rate	BC	real number - currently 14 digits
Quantity Type Indicator	M	code value - currently 1 char
Transaction Type	M	code value - currently 2 chars
Receipt Rank (Priority)	SO/nu	numeric value - currently 3 digits
Delivery Rank (Priority)	SO/nu	numeric value - currently 3 digits
Upstream Rank (Priority)	SO/MA/nu	numeric value - currently 3 digits
Downstream Rank (Priority)	SO/MA/nu	numeric value - currently 3 digits
Upstream Contract Identifier	BC/nu	alphanumeric value - currently 30 chars
Downstream Contract Identifier	BC/nu	alphanumeric value - currently 30 chars
Associated Contract	MA	alphanumeric value - currently 30 chars
Service Provider's Activity Code	MA	alphanumeric value - currently 30 chars
Capacity Type Indicator	MA	code value - currently 2 chars
Deal Type	MA	alphanumeric value - currently 30 chars
Package ID	SO	alphanumeric value - currently 30 chars
Upstream Package ID	MA/nu	alphanumeric value - currently 30 chars
Downstream Package ID	MA/nu	alphanumeric value - currently 30 chars
Delivered Quantity	MA/nu	real number - currently 15 digits

GISB Data Element Name	Usage	Data Type/value/size required
Delivery Location	M/C	GISB/PI DRN number - need to request code value
Receipt Location	M/C	GISB/PI DRN number - need to request code value
Downstream Identifier Code	M/C/nu	DUNS number
Upstream Identifier Code	M/C/nu	DUNS number

Segments we want in the Header:

**ST** Transaction Set Header:

ST01 (143) Transaction Set Identifier Code - ### - This number will be defined after we name the dataset or find another dataset that will work

ST02 (329) Transaction Set Control Number

Beginning Segment - this segment does not have any GISB data elements in it, but we still need it in our document.

**B2A** Set Purpose - To allow for positive identification of transaction set purpose; usage mandatory; max use 1

B2A01: (353) Transaction Set Purpose Code - we would use '00' - Original (same as we have in the current nomination BEG01)

B2A02: (346) Application Type - This is where we would define a new code value for this data element to use for the Nomination. We could choose the same code we currently have in the Nomination BEG02, "G1 - Nomination - Shipper to Transporter"; instead, we will change the definition of this code value to be more generic: "G1 - Natural Gas Nomination"

**DTM** Date/Time/Period - usage optional; max use >1; mark as Must Use for GISB; do we need to add a code value for "Time Stamp"?

DTM01: (374) Date/Time Qualifier - We currently use "102 - Issue"; is there a more appropriate value? There is currently no ANSI defined code value for Time Stamp. We'll stick with 102;

DTM05: (1250) Date Time Period Format Qualifier - DT; mark as must use for GISB

DTM06: (1251) Date Time Period - GISB data element Time Stamp; mark as must use for GISB

**Loop N1** Name - This will be a N1 loop with max use for the loop of >1. The N1 loop will contain the N1, N2, N3, N4, REF and PER segments.

**N1** Name - To identify a party by type of organization, name, and code; mandatory, max use 1

N101: (98) Entity Identifier Code - we'll stick with our current code values of 78 for Service Requester and SJ for Service Provider

N103: (66) Identification Code Qualifier - 1 - D-U-N-S Number, Dun & Bradstreet

N104: (67) Identification Code - GISB data elements Service Requester, Transportation Service Provider

**N2** Additional Name Information: usage optional, max use 2

**N3** Address Information: usage optional, max use 2

**N4** Geographic Location: usage optional, max use 1

**REF** Reference Identification: usage optional, max use >1

**PER** Administrative Communications Contact: usage optional, max use >1

Segments we want in the Detail:

PO1 segment: if we want to use this new dataset for the Confirmation as well as the Nomination, we probably don't want a PO1 here since the Nomination has a contract but the Confirmation has a Location at this level. So, we'll need to come up with another segment to start the loop.

**Loop LX** Assigned Number - this segment will be used only to start the detail loop; max use of the loop is >1; The LX loop will contain the LX, REF, DTM and the SLN loop (with its corresponding segments).

**LX** Assigned Number - mandatory, max use 1

LX01 (554) Assigned Number - this data element will be echoed back in the quick response document

**CS** Contract Summary - to provide information about a contract; optional, max use 1

CS01 (367) Contract Number - GISB data element Service Requester Contract; mark as must use for GISB

CS04 (128) Reference Identification Qualifier- request new qualifier for "NMT - Nomination Model Type", mark as must use for GISB

CS05 (127) Reference Identification - GISB data element Model Type; mark as must use for GISB

[Note: this would require sending the Contract Number multiple times, once for each Model Type designation on a Pathed-non-threaded, for example, but this is acceptable since you might want to make sure the Contract Number is associated with each Model Type grouping, and also since this is how it is currently mapped in the PO1.]

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note: later in the meeting we determined to not use a CS segment for Contract Numbers since if you have more than one, the CS segment will not work. We will use a REF segment in the detail instead:

**REF** Reference Identification - To specify identifying information; optional, max use >1; mark as must use for GISB

REF01 (128) Reference Identification Qualifier - request new code values for "KSR - Service Requester Contract", "NMT - Nomination Model Type", mark as must use for GISB

REF02 (127) Reference Identification - GISB data elements: Service Requester Contract, Model Type

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**DTM** Date/Time Reference - usage optional; max use >1; mark as must use for GISB

DTM01: (374) Date/Time Qualifier - we'll stay with our current mapping of 007 for Beginning Date/Time and 197 for Ending Date/Time

DTM05: (1250) Date Time Period Format Qualifier - DT and D8; mark as must use for GISB; [include element level notes regarding usage of DT and D8]

DTM06: (1251) Date Time Period - GISB data elements Beginning Date, Beginning Time, Ending Date, Ending Time; mark as must use for GISB

Segments we want in the Sub-detail:

**Loop SLN** Subline Item Detail- this segment will be used to start the sub-detail loop; max use of the loop is >1; The SLN loop will contain the SLN, LQ, REF, QTY, N1 loop (with its corresponding segments)

**SLN** Subline Item Detail; usage mandatory; max use 1

SLN01 (350) Assigned Identification - GISB data element Nominator's Tracking ID; we will limit this field length to 11 to match what it was in the 3040. Note: this data element is mapped in the SLN02 in the current Nomination related guides, but the semantic notes for the SLN segment do not match up with this usage. The data element would work better in the SLN01 according to the semantic notes.

SLN03 (662) Relationship Code - ANSI required data element; we'll stay with the code value of I for Included

SLN04 (380) Quantity - GISB data element Quantity;

SLN05 (355) Unit or Basis for Measurement Code - we'll use current values of BZ Million BTU's, GV Gigajoules and G8 Gigacalories

SLN06 (212) Unit Price - GISB data element Bid Transportation Rate; we'll limit field length to 14 digits as it was in the 3040.

What is data element "559 - Agency Qualifier Code" used for? GISB is not defined here. We requested to be defined in 1271, but not here. There are several places where the LM segment (with 559) is used in conjunction with the LQ segment (with 1270), but there are also places where LQ is used alone. Does GISB need to get a code defined for 559? Ask Sarita.

**LQ** Industry Code - code to transmit standard industry codes; We'll use this segment for most of the data elements we currently have mapped to the SI; optional, max use >1; mark as must use for GISB

LQ01 (1270) Code List Qualifier Code: we'll need to request the following code values, each with a note "See code source 293" (assuming GISB gets approved by DISA for code source 293): "QT - Quantity Type", "TT - Transaction Type", "CP - Capacity Type", "R1 - Upstream Rank", "R4 - Downstream Rank", "R2 - Receipt Rank", "R3 - Delivery Rank"; mark as must use for GISB

LQ02 (1271) Industry Code: GISB data elements: Quantity Type Indicator, Transaction Type, Capacity Type Indicator, Receipt Rank (Priority), Delivery Rank (Priority), Upstream Rank (Priority), Downstream Rank (Priority); mark as must use for GISB

We don't want to remove any functionality of the translator being able to determine when mandatory data elements are missing, but we don't think this mapping offers any different functionality than the existing mapping.

**REF** Reference Identification - To specify identifying information; optional, max use >1

REF01 (128) Reference Identification Qualifier - we'll use the following existing codes "DT - Downstream Shipper Contract Number", "UP - Upstream Shipper Contract Number", "PD - Promotion/Deal Number", "BE - Business Activity"  
we'll need to request the following code values: "KAS - Associated Contract", "PKG - Package ID", "PKU - Upstream Package ID", "PKD - Downstream Package ID"

REF02 (127) Reference Identification - GISB data elements: Downstream Contract Identifier, Upstream Contract Identifier, Deal Type, Service Provider's Activity Code, Associated Contract, Package ID, Upstream Package ID, Downstream Package ID

**QTY** Quantity - To specify quantity information; optional, max use >1

QTY01 (673) Quantity Qualifier - "QD - Quantity Delivered"

QTY02 (380) Quantity - GISB data element Delivered Quantity

**Loop N1** Name - This will be a N1 loop with max use for the loop of >1. The N1 loop will contain the N1, N2, N3, N4, REF and PER segments.

**N1** Name - To identify a party by type of organization, name, and code; optional, max use 1; mark as must use for GISB

N101: (98) Entity Identifier Code - we'll stick with our current code values of DW for Downstream Party, US Upstream Party

and, we'll request the following code values "LCR Receipt Location", "LCD Delivery Location"

N103: (66) Identification Code Qualifier - 1 - D-U-N-S Number, Dun & Bradstreet, need to request a code value "DR - PI Data Reference Number (DRN)" for GISB/PI Data Reference Number;

N104: (67) Identification Code - GISB data elements Downstream Identifier Code, Upstream Identifier Code, Receipt Location, Delivery Location

**N2** Additional Name Information: usage optional, max use 2

**N3** Address Information: usage optional, max use 2

**N4** Geographic Location: usage optional, max use 1

**REF** Reference Identification: usage optional, max use >1

**PER** Administrative Communications Contact: usage optional, max use >1

CTT? We don't think we need a CTT segment because we don't see what value it adds for this business transaction. We won't add it.

**SE** Transaction Set Trailer:

SE01 (96) Number of included segments

SE02 (329) Transaction Set Control Number

Discussion about whether to make the max use for segments a definite value, or simply >1 when more than one is possible. We first chose a max use of 10 for the DTM in the Header, but then we decided to use ">1" in most cases.

Discussion about usages: We could make most of these segments (other than beginning of detail and subdetail levels) optional per ANSI, even though GISB will always need these segments as mandatory. Other option is to make the usages what GISB needs since these are documents we are creating for our use. If we make too many segments mandatory, will we

lock ourselves into something that won't work for us later? But, if we try to anticipate what we might need, will the document become too large with too much extra stuff that will never be used? Perhaps we should flesh out our new ANSI document design based on GISB's needs for each business document, and then add extra stuff and reconsider the usages once we have gone through all the business needs.

Discussion about which groupings of GISB transactions might fit into this new ANSI document:

Option 1) Nomination, Request for Confirmation, Confirmation Response, Scheduled Quantity, Scheduled Quantity for Operator

Option 2) Nomination, Request for Confirmation, Confirmation Response with a separate document for Scheduled Quantity and Scheduled Quantity for Operator

Option 3) Nomination, Scheduled Quantity with a separate document for Request for Confirmation, Confirmation Response and Scheduled Quantity for Operator

Resolution: continue with our development over the next few months and determine the grouping of these documents once all business analysis has been done.

The attendees agreed that the Nomination Quick Response and Confirmation Response Quick Response would go in the same document, but a different document than this new ANSI document we are creating.

Jim and Andy located a generic Quick Response type X12 document, the "814 - General Request, Response or Confirmation" We will consider this when we work on the Nomination Quick Response

Creation of DMRs during the meeting:

DMRs generic enough to be requested and used even if the new document is not used.

These are in file x12dmr05:

Additional code values for data element 98:

"LCR - Receipt Location"

"LCD - Delivery Location"

Additional code value for data element 66: "DR - PI Data Reference Number (DRN)"

Kim will do a draft DMR including all the following code values. The DMR will also request our new document with all the segments as indicated above.

These will be in a separate DMR file:

DMRs specific to this new document:

Additional code value for data element 346: "G1 - Natural Gas Nomination"

Additional code value for data element 128: "NMT - Nomination Model Type"

"KAS - Associated Contract"

"PKG - Package ID"

"PKU - Upstream Package ID"

"PKD - Downstream Package ID"

Additional code values for data element 1270:

- “QT - Quantity Type” see code source 293
- “TT - Transaction Type” see code source 293
- “CP - Capacity Type” see code source 293
- “R1 - Upstream Rank” see code source 293
- “R2 - Receipt Rank” see code source 293
- “R3 - Delivery Rank” see code source 293
- “R4 - Downstream Rank” see code source 293

We'll continue with the Request for Confirmation and Confirmation Response, using our working paper we have already started.

There is not a specific ANSI X12 document already defined for a request for confirmation, although the “814 - General Request, Response or Confirmation”, may be close. The BGN in the 814 has a lot of stuff we won't need. We would have to use the LIN as the loop header at the Detail level with a mandatory 235/234 pair that we would have to fill. After further examination, we cannot use this document because it does not have a Sub-detail level. So, this will not work for us. In fact, it will not work for a quick response type document, either, since there is no sub-detail level.

So, we'll continue with our new development based on what we have already done so far.

Request for Confirmation:

<b>GISB Data Element Name</b>	<b>Usage</b>	<b>Data Type/value/size required</b>
<b>Header Level:</b>		
Confirming Party	M	DUNS number
Confirmation Requester	M	DUNS number
<b>Detail Level:</b>		
Confirmation Service Contract	BC	Alphanumeric - currently 30 chars
Beginning Date	M	Date
Beginning Time	M	Time
Ending Date	M	Date
Ending Time	M	Time
Location	M	GISB/PI DRN number - need to request code value
Confirmation Service Identifier	C	DUNS number
<b>Code</b>		
<b>Sub-detail Level:</b>		
Confirmation Tracking Identifier	M	alphanumeric - currently 11 chars
Quantity	M	numeric - currently real number 15 digits
Contractual Flow Indicator	M	character
Service Requester Contract	MA	alphanumeric value - currently 30 chars

<b>GISB Data Element Name</b>	<b>Usage</b>	<b>Data Type/value/size required</b>
Downstream Contract Identifier	BC	alphanumeric value - currently 30 chars
Upstream Contract Identifier	BC	alphanumeric value - currently 30 chars
Package ID	MA	alphanumeric value - currently 30 chars
Associated Contract	C	alphanumeric value - currently 30 chars
Receipt Rank (Priority)	MA	numeric value - currently 3 digits
Delivery Rank (Priority)	MA	numeric value - currently 3 digits
Upstream Package ID	MA	alphanumeric value - currently 30 chars
Downstream Package ID	MA	alphanumeric value - currently 30 chars
Downstream Identifier Code	C	DUNS number
Upstream Identifier Code	C	DUNS number
Service Requester	MA	DUNS number

Segments we want in the Header:

**ST** Transaction Set Header:

ST01 (143) Transaction Set Identifier Code - ### - This number will be defined after we name the dataset or find another dataset that will work

ST02 (329) Transaction Set Control Number

**B2A** Set Purpose - To allow for positive identification of transaction set purpose; usage mandatory; max use 1

B2A01: (353) Transaction Set Purpose Code - we would use '00' - Original

B2A02: (346) Application Type - This is where we would define a new code value for this data element to use for the Request for Confirmation. We will use the code value we currently have in the Request for Confirmation BEG02, with a similar description, "G2 - Natural Gas Request for Confirmation"

**Loop N1** Name - This will be a N1 loop with max use for the loop of >1. The N1 loop will contain the N1, N2, N3, N4, REF and PER segments.

**N1** Name - To identify a party by type of organization, name, and code; mandatory, max use 1

N101: (98) Entity Identifier Code - we will request the following new code values: "CNP - Confirming Party", "CNR - Confirmation Requester"

N103: (66) Identification Code Qualifier - 1 - D-U-N-S Number, Dun & Bradstreet

N104: (67) Identification Code - GISB data elements Confirming Party, Confirmation Requester

**N2** Additional Name Information: usage optional, max use 2

**N3** Address Information: usage optional, max use 2

**N4** Geographic Location: usage optional, max use 1

**REF** Reference Identification: usage optional, max use >1

**PER** Administrative Communications Contact: usage optional, max use >1

Segments we want in the Detail:

**Loop LX** Assigned Number - this segment will be used only to start the detail loop; max use of the loop is >1; The LX loop will contain the LX, REF, N1 loop (with its corresponding segments), DTM and the SLN loop (with its corresponding segments).

**LX** Assigned Number - mandatory, max use 1

LX01 (554) Assigned Number

**REF** Reference Identification - To specify identifying information; optional, max use >1

REF01 (128) Reference Identification Qualifier - request new code value for "KCS - Confirmation Service Contract"

REF02 (127) Reference Identification - GISB data element Confirmation Service Contract

**Loop N1** Name - This will be a N1 loop with max use for the loop of >1. The N1 loop will contain the N1 and N2.

**N1** Name - To identify a party by type of organization, name, and code; optional, max use 1

N101: (98) Entity Identifier Code - we'll request the following code values "LCN Location", "CNS - Confirmation Service Identifier Code"

N103: (66) Identification Code Qualifier - 1 - D-U-N-S Number, Dun & Bradstreet, and (already requested by us for Nomination) "DR - PI Data Reference Number (DRN)"

N104: (67) Identification Code - GISB data elements Location, Confirmation Service Identifier Code

We'll ask Sarita if we should request to change the description for "MQ- Metering Location" to "Location" (instead of adding LCN), and "M2 - Receipt Meter Location" to "Receipt Location" (instead of adding LCR)

**N2** Additional Name Information: usage optional, max use 2

**N3** Address Information: usage optional, max use 2

**N4** Geographic Location: usage optional, max use 1

**REF** Reference Identification: usage optional, max use >1

**PER** Administrative Communications Contact: usage optional, max use >1

**DTM** Date/Time Reference - usage optional; max use >1; mark as must use for GISB

DTM01: (374) Date/Time Qualifier - we'll stay with our current mapping of 007 - Effective

DTM05: (1250) Date Time Period Format Qualifier - RDT and RD8; mark as must use for GISB; [include element level notes regarding usage of RDT and RD8]

DTM06: (1251) Date Time Period - GISB data elements Beginning Date, Beginning Time, Ending Date, Ending Time; mark as must use for GISB

**6. Other Business**

none at this time

**7. Next Meeting Date and Location**

Next meeting for ACT

Duke Energy

June 30, 1998, 9:00 - 4:30

July 1, 1998, 9:00 - 4:30

**8. Adjourn**

**Attendees:**

Denise Breeden	Tennessee Gas Pipeline
Kim Van Pelt	Texas Eastern
Bob Wallenhorst	Exxon
Jim Keisler	Transco
Andy Sicignano	ECT
Mary Draemer	Enron - Transwestern