

## ANSI Compliant Pre-determined Allocation (PDA) and PDA Quick Response Working Document

Discussed at the following meetings:

09/08/2000

10/06/2000 - added N9 for value previously mapped to POC01

mapped to ASC X12 873; used version 4030 as a base X12 standard

GISB Pre-determined Allocation (2.4.1)

| Position | Segment | Element | ANSI req des / max use | Literal contents or GISB data element name (and usage) | GISB segment/element note [or other comments] | ANSI data type | GISB Min/ Max * |
|----------|---------|---------|------------------------|--|---|----------------|-----------------|
|----------|---------|---------|------------------------|--|---|----------------|-----------------|

**Heading:**

|      |     |                |              |                                   |   |    |        |
|------|-----|----------------|--------------|-----------------------------------|---|----|--------|
| 0100 | ST  |                | M/1          |                                   |   |    |        |
| 0200 | BGN |                | M/1          |                                   |   |    |        |
|      |     | BGN01 - 353    | M            | 00 - Original                     |   | ID | 2/2    |
|      |     | BGN02 - 127    | M            | assigned identifier               | The PDA number assigned by the PDA originator.                                | AN | 1/22 * |
|      |     | BGN03 - 373    | M            | date                              | The PDA issue date.   | DT | 8/8    |
|      |     | BGN07 - 640    | O            | F4 - Pre-determined Allocation    | mark as must use  | ID | 2/2    |
| 0400 | DTM |                | O/1          |                                   | For GISB, this segment is mandatory.  |    |        |
|      |     | DTM01 - 374    | M            | 102 - Issue                       |   | ID | 3/3    |
|      |     | DTM05 - 1250   | X            | DT - Date and Time - CCYYMMDDHHMM | mark as must use  | ID | 2/3    |
|      |     | DTM06 - 1251   | X            | Statement Date/Time (M)           | mark as must use  | AN | 1/35   |
|      |     | <b>N1 loop</b> | <b>&gt;1</b> | <b>(1st occurrence)</b>           |   |    |        |
| 0500 | N1  |                | M/1          |                                   | For GISB, this segment should occur once for each value in the N101 element.. |    |        |
|      |     | N101 - 98      | M            | 40 - Receiver                     | element note: Statement Recipient ID  | ID | 2/3    |
|      |     | N103 - 66      | X            | 1 - D-U-N-S Number                | mark as must use  | ID | 1/2    |
|      |     | N104 - 67      | X            | Statement Recipient ID (M)        | mark as must use  | AN | 2/17 * |
|      |     | <b>N1 loop</b> | <b>&gt;1</b> | <b>(2nd occurrence)</b>           |   |    |        |
| 0500 | N1  |                | M/1          |                                   |   |    |        |

ANSI Compliant Pre-determined Allocation (PDA) and PDA Quick Response Working Document

| Position | Segment | Element     | ANSI req des / max use | Literal contents or GISB data element name (and usage) | GISB segment/element note [or other comments]  | ANSI data type | GISB Min/ Max * |
|----------|---------|-------------|------------------------|--|--|----------------|-----------------|
|          |         | N101 - 98   | M                      | 41 - Submitter   | element note: Preparer ID [note: we are changing this from P1 because of the definition of P1] | ID             | 2/3             |
|          |         | N103 - 66   | X                      | 1 - D-U-N-S Number                                     | mark as must use   | ID             | 1/2             |
|          |         | N104 - 67   | X                      | Preparer ID (M)  | mark as must use   | AN             | 2/17 *          |
| 0900     | PER     |             |                        |  | For GISB, this segment may only be used in the N1 loop for the Preparer ID (N101 = '41').      |                |                 |
|          |         | PER01 - 366 | M                      | IC   |  | ID             | 2/2             |
|          |         | PER02 - 93  | O                      | Contact Person (Name) (M)                              | mark as must use   | AN             | 1/35 *          |
|          |         | PER03 - 365 | X                      | TE   | mark as must use   | ID             | 2/2             |
|          |         | PER04 - 364 | X                      | Contact Person (Phone) (M)                             | mark as must use   | AN             | 1/80 *          |

**Detail:**

|      |     |                 |              |   |   |    |        |
|------|-----|-----------------|--------------|---|---|----|--------|
|      |     | <b>DTM loop</b> | <b>&gt;1</b> |   |   |    |        |
| 0100 | DTM |                 | M/1          |   |   |    |        |
|      |     | DTM01 - 374     | M            | 405 - Production  |   | ID | 3/3    |
|      |     | DTM05 - 1250    | X            | RD8 - Date to Date<br>RDT - Date/Time to Date/Time  | mark as must use [include code value level notes as in version 1.4] | ID | 2/3    |
|      |     | DTM06 - 1251    | X            | Beginning Flow Date (M),<br>Beginning Flow Time (M),<br>Ending Flow Date (M), Ending<br>Flow Time (M) | mark as must use [include code value level notes as in version 1.4] | AN | 1/35   |
| 0200 | N9  |                 | O/>1         |   | For GISB, this segment is mandatory.                                |    |        |
|      |     | N901 - 128      | M            | 06 - System Number  |   | ID | 2/3    |
|      |     | N902 - 127      | X            | assigned identification   | mark as must use  | AN | 1/11 * |
| 0300 | LQ  |                 | O/>1         | (1st occurrence)  | For GISB, this segment is mandatory.                                |    |        |
|      |     | LQ01-1270       | O            | DOF - Direction of Flow   | mark as must use [new dmr 24]                                       | ID | 1/3    |
|      |     | LQ02-1271       | X            | Direction of Flow (M)<br>R, D   | mark as must use  | AN | 1/30   |

ANSI Compliant Pre-determined Allocation (PDA) and PDA Quick Response Working Document

| Position           | Segment | Element     | ANSI req des / max use | Literal contents or GISB data element name (and usage) | GISB segment/element note [or other comments]                       | ANSI data type | GISB Min/ Max * |
|--------------------|---------|-------------|------------------------|--|---|----------------|-----------------|
| 0300               | LQ      |             | O/>1                   | (2nd occurrence)                                       |   |                |                 |
|                    |         | LQ01-1270   | O                      | PDA - PDA Transaction Type Code                        | mark as must use [new dmr 24]                                       | ID             | 1/3             |
|                    |         | LQ02-1271   | X                      | PDA Transaction Type Code (M) 01 - 18                  | mark as must use  | AN             | 1/30            |
| 0400               | LCD     |             | O/1                    |  | For GISB, this segment is mandatory.                                |                |                 |
|                    |         | LCD02 - 98  | O                      | LCN - Gas Nomination Location                          | mark as must use  | ID             | 2/3             |
|                    |         | LCD05 - 66  | X                      | DR - GISB DRN<br>SV - Service Provider Number          | mark as must use [use same element and code value notes as in SQOP] | ID             | 1/2             |
|                    |         | LCD06 - 67  | X                      | Location Code/Location Proprietary Code (M)            | mark as must use  | AN             | 2/17 *          |
| <b>Sub-detail:</b> |         |             |                        |  |   |                |                 |
|                    |         | SLN loop    | >1                     |  |   |                |                 |
| 0700               | SLN     |             | M/1                    |  |   |                |                 |
|                    |         | SLN01 - 350 | M                      | PDA Submitter's Tracking ID (M)                        |   | AN             | 1/11 *          |
|                    |         | SLN03 - 662 | M                      | I - Included   |   | ID             | 1/1             |
|                    |         | SLN06 - 212 | X                      | Bid Transportation Rate (C)                            | For GISB, this element is conditional.                              | R              | 1/14 *          |
| 0800               | LQ      |             | M/>1                   | (1st occurrence)                                       |   |                |                 |
|                    |         | LQ01-1270   | O                      | ALM - Allocation Method                                | mark as must use [new x12dmr 24]                                    | ID             | 1/3             |
|                    |         | LQ02-1271   | X                      | Allocation Method (M)<br>RK, OP, PR, PC, SG            | mark as must use  | AN             | 1/30            |
| 0800               | LQ      |             | M/>1                   | (2nd occurrence)                                       |   |                |                 |
|                    |         | LQ01-1270   | O                      | ARI - Allocation Rank Indicator                        | mark as must use [new x12dmr 24]                                    | ID             | 1/3             |
|                    |         | LQ02-1271   | X                      | Allocation Rank Indicator (MA)<br>H, L                 | mark as must use  | AN             | 1/30            |
| 0800               | LQ      |             | M/>1                   | (3rd occurrence)                                       |   |                |                 |
|                    |         | LQ01-1270   | O                      | ARL - Allocation Rank Level                            | mark as must use [new x12dmr 24]                                    | ID             | 1/3             |

ANSI Compliant Pre-determined Allocation (PDA) and PDA Quick Response Working Document

| Position | Segment | Element        | ANSI req des / max use | Literal contents or GISB data element name (and usage)   | GISB segment/element note [or other comments] | ANSI data type | GISB Min/ Max * |
|----------|---------|----------------|------------------------|--|---|----------------|-----------------|
|          |         | LQ02-1271      | X                      | Allocation Rank Level (C)<br>001 - 999   | mark as must use                              | AN             | 1/30            |
| 0800     | LQ      |                | M/>1                   | (4th occurrence)   |   |                |                 |
|          |         | LQ01-1270      | O                      | TT - Transaction Type  | mark as must use                              | ID             | 1/3             |
|          |         | LQ02-1271      | X                      | Transaction Type (C)<br>01, 02, 03, 04, 05, 06, 07, 08,<br>12, 13, 14, 26, 27, 28, 29, 31,<br>41, 48, 52, 53 | mark as must use                              | AN             | 1/30            |
| 0900     | N9      |                | O/>1                   | (1st occurrence)   | For GISB, this segment is conditional.        |                |                 |
|          |         | N901 - 128     | M                      | PKG - Package ID   |   | ID             | 2/3             |
|          |         | N902 - 127     | X                      | Package ID (C)   | mark as must use                              | AN             | 1/30 *          |
| 0900     | N9      |                | O/>1                   | (2nd occurrence)   |   |                |                 |
|          |         | N901 - 128     | M                      | BE - Business Activity   |   | ID             | 2/3             |
|          |         | N902 - 127     | X                      | Service Provider's Activity Code (C)   | mark as must use                              | AN             | 1/30 *          |
| 0900     | N9      |                | O/>1                   | (3rd occurrence)   |   |                |                 |
|          |         | N901 - 128     | M                      | KAS - Associated Contract  |   | ID             | 2/3             |
|          |         | N902 - 127     | X                      | Associated Contract (C)  | mark as must use                              | AN             | 1/30 *          |
| 1000     | QTY     |                | O/>1                   |  |   |                |                 |
|          |         | QTY01 - 673    | M                      | CQ - Constraint Quantity   | [new x12dmr 22]                               | ID             | 2/2             |
|          |         | QTY02 - 380    | M                      | Limit Value (BC)   |   | R              | 1/15            |
|          |         | QTY03 - 355    | X                      | BZ - Million BTU's<br>GV - Gigajoules<br>G8 - Gigacalories   |   | ID             | 2/2             |
|          |         | <b>N1 loop</b> | <b>&gt;1</b>           | <b>(1st occurrence)</b>  |   |                |                 |
| 1100     | N1      |                | O/1                    |  | For GISB, this segment is conditional.        |                |                 |
|          |         | N101 - 98      | M                      | 78 - Service Requester   |   | ID             | 2/3             |
|          |         | N103 - 66      | X                      | 1 - D-U-N-S Number   | mark as must use                              | ID             | 1/2             |
|          |         | N104 - 67      | X                      | Service Requester ID (C)   | mark as must use                              | AN             | 2/17 *          |
| 1300     | N9      |                | O/>1                   |  | For GISB, this segment is conditional.        |                |                 |

ANSI Compliant Pre-determined Allocation (PDA) and PDA Quick Response Working Document

| Position | Segment | Element    | ANSI req des / max use | Literal contents or GISB data element name (and usage) | GISB segment/element note [or other comments]   | ANSI data type | GISB Min/ Max * |
|----------|---------|------------|------------------------|--|---|----------------|-----------------|
|          |         | N901 - 128 | M                      | KSR - Service Requester Contract Identifier            | For GISB, this code value may only be used in the service requester N1 loop (N101 = '78').            | ID             | 2/3             |
|          |         | N902 - 127 | X                      | Service Requester Contract (C)                         | mark as must use  | AN             | 1/30 *          |
|          |         | N1 loop    | >1                     | (2nd occurrence)                                       |   |                |                 |
| 1100     | N1      |            | O/1                    |  |   |                |                 |
|          |         | N101 - 98  | M                      | US - Upstream Party                                    |   | ID             | 2/3             |
|          |         | N103 - 66  | X                      | 1 - D-U-N-S Number                                     | mark as must use  | ID             | 1/2             |
|          |         | N104 - 67  | X                      | Upstream Identifier Code (C)                           | mark as must use  | AN             | 2/17 *          |
| 1200     | LCD     |            | O/1                    |  | For GISB, this segment is conditional.  |                |                 |
|          |         | LCD02 - 98 | O                      | M2 - Receipt Location                                  | mark as must use<br>For GISB, this code value may only be used in the upstream N1 loop (N101 = 'US'). | ID             | 2/3             |
|          |         | LCD05 - 66 | X                      | DR - GISB DRN<br>SV - Service Provider Number          | mark as must use<br>[use same element and code value notes as in SQOP]                                | ID             | 1/2             |
|          |         | LCD06 - 67 | X                      | Receipt Location/Receipt Location Proprietary Code (C) | mark as must use  | AN             | 2/17 *          |
| 1300     | N9      |            | O/>1                   | (1st occurrence)                                       |   |                |                 |
|          |         | N901 - 128 | M                      | UP - Upstream Shipper Contract Number                  | For GISB, this code value may only be used in the upstream N1 loop (N101 = 'US').                     | ID             | 2/3             |
|          |         | N902 - 127 | X                      | Upstream Contract Identifier (C)                       | mark as must use  | AN             | 1/30 *          |
| 1300     | N9      |            | O/>1                   | (2nd occurrence)                                       |   |                |                 |
|          |         | N901 - 128 | M                      | PKU - Upstream Package ID                              | For GISB, this code value may only be used in the upstream N1 loop (N101 = 'US').                     | ID             | 2/3             |
|          |         | N902 - 127 | X                      | Upstream Package ID (C)                                | mark as must use  | AN             | 1/30 *          |

ANSI Compliant Pre-determined Allocation (PDA) and PDA Quick Response Working Document

| Position | Segment | Element    | ANSI req des / max use | Literal contents or GISB data element name (and usage)    | GISB segment/element note [or other comments]   | ANSI data type | GISB Min/ Max * |
|----------|---------|------------|------------------------|---|---|----------------|-----------------|
|          |         | N1 loop    | >1                     | (3rd occurrence)  |   |                |                 |
| 1100     | N1      |            | O/1                    |   |   |                |                 |
|          |         | N101 - 98  | M                      | DW - Downstream Party                                     |   | ID             | 2/3             |
|          |         | N103 - 66  | X                      | 1 - D-U-N-S Number  | mark as must use  | ID             | 1/2             |
|          |         | N104 - 67  | X                      | Downstream Identifier Code (C)                            | mark as must use  | AN             | 2/17 *          |
| 1200     | LCD     |            | O/1                    |   | For GISB, this segment is conditional.  |                |                 |
|          |         | LCD02 - 98 | O                      | MQ - Delivery Location                                    | mark as must use<br>For GISB, this code value may only be used in the downstream N1 loop (N101 = 'DW'). | ID             | 2/3             |
|          |         | LCD05 - 66 | X                      | DR - GISB DRN<br>SV - Service Provider Number             | mark as must use<br>[use same element and code value notes as in SQOP]                                  | ID             | 1/2             |
|          |         | LCD06 - 67 | X                      | Delivery Location/ Delivery Location Proprietary Code (C) | mark as must use  | AN             | 2/17 *          |
| 1300     | N9      |            | O/>1                   | (1st occurrence)  |   |                |                 |
|          |         | N901 - 128 | M                      | DT - Downstream Shipper Contract Number                   | For GISB, this code value may only be used in the downstream N1 loop (N101 = 'DW').                     | ID             | 2/3             |
|          |         | N902 - 127 | X                      | Downstream Contract Identifier (C)                        | mark as must use  | AN             | 1/30 *          |
| 1300     | N9      |            | O/>1                   | (2nd occurrence)  |   |                |                 |
|          |         | N901 - 128 | M                      | PGD - Downstream Package ID                               | For GISB, this code value may only be used in the downstream N1 loop (N101 = 'DW').                     | ID             | 2/3             |
|          |         | N902 - 127 | X                      | Downstream Package ID (C)                                 | mark as must use  | AN             | 1/30 *          |
| 1600     | SE      |            | M/1                    |   |   |                |                 |

\* GISB Min/Max column will contain an \* when the GISB values are different than the ANSI ASC X12 values

## ANSI Compliant Pre-determined Allocation (PDA) and PDA Quick Response Working Document

### New items requested from DISA in conjunction with this document:

(add codes to existing DMR 22 which contains new code values for other documents)

new code values and definitions for data element 673 (used in QTY01):

CQ - Constraint Quantity

#### DMR 23:

new code values and definitions for data element 640

F4 - Pre-determined Allocation

F5 - Allocation

#### DMR 24:

new code values and definitions for data element 1270 (LQ02)

DOF - Direction of Flow

PDA - PDA Transaction Type Code

ALM - Allocation Method

ARI - Allocation Rank Indicator

ARL - Allocation Rank Level

## ANSI Compliant Pre-determined Allocation (PDA) and PDA Quick Response Working Document

Discussed at the following meetings:

10/06/2000

mapped to ASC X12 874; used our approved 874 from DMR 107199 as a base X12 standard

GISB Pre-determined Allocation Quick Response (2.4.2)

| Position | Segment | Element | ANSI req des / max use | Literal contents or GISB data element name (and usage) | GISB segment/element note [or other comments] | ANSI data type | GISB Min/ Max * |
|----------|---------|---------|------------------------|--|---|----------------|-----------------|
|----------|---------|---------|------------------------|--|---|----------------|-----------------|

**Heading:**

|      |     |              |      |   |   |    |        |
|------|-----|--------------|------|---|---|----|--------|
| 0100 | ST  |              | M/1  |   |   |    |        |
| 0200 | BGN |              | M/1  |   |   |    |        |
|      |     | BGN01 - 353  | M    | 27 - Verify   |   | ID | 2/2    |
|      |     | BGN02 - 127  | M    | assigned identifier   | The PDA number assigned by the PDA originator in the BGN02. | AN | 1/22 * |
|      |     | BGN03 - 373  | M    | date  | The PDA issue date.   | DT | 8/8    |
|      |     | BGN07 - 640  | O    | V4 - PDA Quick Response   | mark as must use  | ID | 2/2    |
|      |     | BGN08 - 306  | O    | EZ - Exception Occurred<br>RZ - Reject - Header Level Errors<br>WQ - Accept | mark as must use  | ID | 1/2    |
| 0300 | DTM |              | O/1  |   | For GISB, this segment is mandatory.                        |    |        |
|      |     | DTM01 - 374  | M    | 102 - Issue   |   | ID | 3/3    |
|      |     | DTM05 - 1250 | X    | DT - Date and Time - CCYYMMDDHHMM   | mark as must use  | ID | 2/3    |
|      |     | DTM06 - 1251 | X    | Statement Date/Time (M)   | mark as must use  | AN | 1/35   |
| 0400 | III |              | O/>1 |   |   |    |        |
|      |     | III01 - 1270 | X    | VAL - Validation  | mark as must use  | ID | 1/3    |
|      |     | III02 - 1271 | X    | Validation Code (C)   | mark as must use  | AN | 1/30   |
|      |     | III04 - 933  | X    | Validation Message (SO)   | For GISB, this element is sender's option                   | AN | 1/264  |
|      |     | N1 loop      | >1   | (1st occurrence)  |   |    |        |

ANSI Compliant Pre-determined Allocation (PDA) and PDA Quick Response Working Document

| Position           | Segment | Element         | ANSI req des / max use | Literal contents or GISB data element name (and usage) | GISB segment/element note [or other comments]  | ANSI data type | GISB Min/ Max * |
|--------------------|---------|-----------------|------------------------|--|--|----------------|-----------------|
| 0500               | N1      |                 | M/1                    |  | For GISB, this segment should occur once for each value in the N101 element..                  |                |                 |
|                    |         | N101 - 98       | M                      | 40 - Receiver  | element note: Statement Recipient ID   | ID             | 2/3             |
|                    |         | N103 - 66       | X                      | 1 - D-U-N-S Number                                     | mark as must use   | ID             | 1/2             |
|                    |         | N104 - 67       | X                      | Statement Recipient ID (M)                             | mark as must use   | AN             | 2/17 *          |
|                    |         | <b>N1 loop</b>  | <b>&gt;1</b>           | <b>(2nd occurrence)</b>                                |  |                |                 |
| 0500               | N1      |                 | M/1                    |  |  |                |                 |
|                    |         | N101 - 98       | M                      | 41 - Submitter   | element note: Preparer ID [note: we are changing this from P1 because of the definition of P1] | ID             | 2/3             |
|                    |         | N103 - 66       | X                      | 1 - D-U-N-S Number                                     | mark as must use   | ID             | 1/2             |
|                    |         | N104 - 67       | X                      | Preparer ID (M)  | mark as must use   | AN             | 2/17 *          |
| <b>Detail:</b>     |         |                 |                        |  |  |                |                 |
|                    |         | <b>N9 loop</b>  | <b>&gt;1</b>           |  |  |                |                 |
| 0100               | N9      |                 | O/1                    |  |  |                |                 |
|                    |         | N901 - 128      | M                      | 06 - System Number                                     |  | ID             | 2/3             |
|                    |         | N902 - 127      | X                      | assigned identification                                | mark as must use<br>Element note: The identifier assigned by the PDA originator in the N902.   | AN             | 1/11 *          |
| 0600               | III     |                 | O/>1                   |  |  |                |                 |
|                    |         | III01 - 1270    | X                      | VAL - Validation                                       | mark as must use   | ID             | 1/3             |
|                    |         | III02 - 1271    | X                      | Validation Code (C)                                    | mark as must use   | AN             | 1/30            |
|                    |         | III04 - 933     | X                      | Validation Message (SO)                                | For GISB, this element is sender's option  | AN             | 1/264           |
| <b>Sub-detail:</b> |         |                 |                        |  |  |                |                 |
|                    |         | <b>SLN loop</b> | <b>&gt;1</b>           |  |  |                |                 |
| 0700               | SLN     |                 | O/1                    |  |  |                |                 |
|                    |         | SLN01 - 350     | M                      | PDA Submitter's Tracking ID (C)                        |  | AN             | 1/11 *          |

ANSI Compliant Pre-determined Allocation (PDA) and PDA Quick Response Working Document

| Position | Segment | Element      | ANSI req des / max use | Literal contents or GISB data element name (and usage) | GISB segment/element note [or other comments] | ANSI data type | GISB Min/ Max * |
|----------|---------|--------------|------------------------|--|---|----------------|-----------------|
|          |         | SLN03 - 662  | M                      | I - Included   |   | ID             | 1/1             |
| 0900     | III     |              | O/>1                   |  |   |                |                 |
|          |         | III01 - 1270 | X                      | VAL - Validation                                       | mark as must use                              | ID             | 1/3             |
|          |         | III02 - 1271 | X                      | Validation Code (C)                                    | mark as must use                              | AN             | 1/30            |
|          |         | III04 - 933  | X                      | Validation Message (SO)                                | For GISB, this element is sender's option     | AN             | 1/264           |
| 1600     | SE      |              | M/1                    |  |   |                |                 |

\* GISB Min/Max column will contain an \* when the GISB values are different than the ANSI ASC X12 values

New items requested from DISA in conjunction with this document:  
none