BOEING SATELLITE SYSTEMS INC.

QUALITY ASSURANCE PURCHASE ORDER ATTACHMENT

Packaging, Identification and Traceability Data   RIT-1

----

1.   Scope

This attachment provides requirements that must be met by Seller when this attachment is cited in the purchase order. The packaging, identification and traceability data requirements specified herein permit products to be matched to the purchase order line items by which they were ordered and enable maintenance of essential traceability records.

2.   Conflicting Requirements

These requirements are in addition to, not in lieu of, any other requirements cited in the purchase order, statement of work or product specification or drawing. Seller shall notify Buyer's representative of any conflicts between this document and other purchase order attachments or referenced technical documents, unless said conflicts are explicitly addressed herein.

3.   Packaging of Product

3.1   Container Quantity

No unit packing level protective bag, container or wrapping shall include parts from more than one line item on one purchase order. This limitation shall override container quantity requirements of referenced technical documents or other purchase order attachments. There may be more than one protective bag, container or wrapping per purchase order line item if necessary.

3.2   Mixed Lots

Multiple production lots, date codes, diffusion lots and/or wafer numbers shall not be commingled in a single unit packing level container or wrapping. Of these four traceability codes, only those required per section 4.2 below shall be applied as a limitation on mixing of product lots.

3.3   Mixed Shipments

Only product ordered on a single BSS purchase order shall be included in a single shipment. There may be more than one shipment per purchase order, if necessary.

3.4   Attached Paperwork

The traceability sheets (RIT-1, Form 1) required for all PO line items and lots packaged in a shipping carton shall be inserted with the shipper in a single envelope or protective cover or shall be stapled to the shipper, at Seller's option.

3.5   Unit Container Marking

Each unit container shipped shall, as a minimum, be marked with the same data entered on the corresponding traceability sheet (format optional).

4.   Product Data

A minimum of one traceability sheet (RIT-1, Form 1) shall be filled out for each PO line item in each shipment. A separate traceability sheet (RIT-1, Form 1) shall be completed for each production lot, date code, diffusion lot or wafer number shipped to fill a particular line item quantity. Of these four traceability codes, only those required per section 4.2 below shall be considered in determining how

----

---

many traceability sheets are required. Required product identification and traceability data shall be entered into a copy of Form 1. This form is available in MS Excel electronic format upon request. Barcode data ("3 of 9" format, public domain font, minimum character height of 0.4") is optional unless otherwise specified on the purchase order. Use of the Excel form, which automatically enters the barcode data ("3 of 9" font must be installed), is encouraged.

4.1   Identification Data

4.1.1   Purchase Order Number: Enter the purchase order number as it appears on the applicable Boeing Satellite Systems purchase order.

4.1.2   Purchase Order Line Item Number: Enter the Boeing Satellite Systems purchase order line item number to which the traceability sheet applies.

4.1.3   Boeing Part Number: Enter the Boeing Satellite Systems assigned part number for the item purchased. If and only if no BSS part number for the item is shown on the BSS purchase order shall the Seller enter the vendor's part number in this field. In this latter case the number must be entered exactly as it appears on the BSS purchase order.

4.1.4   Boeing ASAP Detail ID Number: If buyer's representative source inspection is required for the items to which the traceability sheet applies then Seller must enter the ASAP Detail ID number in this field.

4.2   Traceability Data
The exact traceability data that the purchase order (including attachments and referenced technical documents) requires for each line item shall be provided.

4.2.1   Manufacturer's Date Code: A code identifying date of manufacture for the item(s) shall be included when required by the purchase order or by 4.2.5 below. Where an item has several significant dates during its fabrication, the date used shall be as defined in the applicable BSS specification. If no specification of applicable date is imposed, then the significant date used shall be per industry standard or, if no unique standard exists, at supplier option.

4.2.2   Production Lot Identification: A code identifying the manufacturer's production lot for the item(s) shall be included when required by the purchase order or by 4.2.5 below.

4.2.3   Wafer Lot Number: A code identifying the diffusion run for the item(s) provided shall be included when required by the purchase order. The terms "Wafer Lot Number" and "Diffusion Run Number" mean exactly the same thing.

4.2.4   Wafer Number: The particular wafer that the item was taken from within the diffusion run shall be identified when required by the purchase order.

4.2.5   Electronic Component Date Code/Lot: A date code and a production lot code shall be assigned and reported for all electronic components.

BOEING

Boeing Satellite Systems Traceability Sheet

Each PO line item, lot, D/C, or wafer shall receive separate sheet.

This form shall be included with shipper for each carton.

Number	Note/Para.	Bar Code
PO Number:	2/ 4.1.1	
PO Line Item Number:	3/ 4.1.2	
Boeing Part Number:	/ 4.1.3	
Boeing ASAP Detail ID Number:	4/ 4.1.4	
Manufacturer's Date Code:	1/ 4.2.1	
Production Lot Identification:	1/ 4.2.2	
Wafer Lot Number (Diffusion Run Number):	1/ 4.2.3	
Wafer Number:	1/ 4.2.4	

Notes:
1/. Include production lot, D/C, diffusion lot or wafer number if required by PO/spec.
2/. No single shipment shall include parts from more than one PO.
3/. Fill out separate traceability sheet for each PO line item, lot, D/C, or wafer in each shipment.
4/. ASAP Detail ID number must be entered if PO requires source inspection.
5/. See BSS PO attachment RIT-1 for completion instructions.