

| REVISIONS | | | | |
|-----------|-----|---------------|---------|------------|
| ZONE | LTR | DESCRIPTION | DATE | APPROVED |
| | OD | PER ECO # 763 | 7/09/03 | G. NYSTROM |

REFLECTOR

**REFLECTOR PANEL
PLACEMENTS ANT'S 1-8
SPECIFICATION 4015005**

**BUS/PANEL ASSEMBLY
DWG 1015136 (TBD)
BOM 1015136**

- 1015155 "A" PANEL ASS'Y
- 1015156 "B" PANEL ASS'Y
- 1015157 "C" PANEL ASS'Y
- 1015158 "D" PANEL ASS'Y
- 1015159 FIXED PANEL ADJUSTER
- 1015160 SLIDING PANEL ADJUSTER
- 1015161 FREE PANEL ADJUSTER

**REFLECTOR BACKUP
STRUCTURE
DWG 1055167
BOM 1055167**

- 1170357 NODE "B"
- 1170358 NODE "C1"
- 1170359 NODE "C2"
- 1170360 NODE "D"
- 1170361 NODE "E"
- 1170362 NODE "X1"
- 1170363 NODE "X2"
- 1170364 NODE "Y"
- 1170365 NODE "Z2"
- 1170049 CFRP TUBE SET
- 1170170 SP WASHER SET
- 1170720 WASHER SHIMS

**QUADRUPOD ASSEMBLY
DWG 1015152 (TBD)
BOM 1015152**

- 1015182 LOWER QUAD COVER ASS'Y
- 1015183 UPPER QUAD COVER ASS'Y
- 1015184 CYL QUAD COVER ASS'Y
- 1015194 QUAD COVER ELECT ASS'Y
- 1170151 QUADRUPOD LEG
- 1170390 ATTACH BRK'T
- 1170647 LOWER PRI QUAD COVER
- 1170648 LOWER SEC. QUAD COVER
- 1170649 UPPER PRI QUAD COVER
- 1170650 UPPER PRI QUAD COVER
- 1170651 CYL QUAD COVER
- 1170722 QUAD SHIM
- 4055169 QUAD ALIGNMENT PROCEDURE

**REFLECTOR ASSEMBLY
DWG 1015005 (TBD)
BOM 1015005**

- 1055201 M3 DOOR
- 1015138 OR (TBD) GUIDE TELESCOPE
- 1016301 SECONDARY CHOPPER
- 1170518 REFLECTOR SUP WELDMENT
- 1170709 LIGHTNING ROD PLATE
- 1171226 LIGHTNING ROD BRKT
- 1170316 SUPPORT FLEXURE

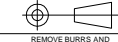
**HUB ASSEMBLY
DWG 1055166 (TBD)
BOM 1055166**

- 1170623 REFLECTOR HUB
- 1170049 CARBON FIBER TUBE SET
- 1170170 SPHER. WASHER SET
- 1170720 WASHER SHIM

**BUS SHIELD ASSEMBLY
DWG (TBD)
BOM (TBD)**

- 1170652 BUS SHIELD PANEL WX
- 1170653 BUS SHIELD PANEL XY
- 1170654 BUS SHIELD PANEL YZ
- 1170655 BUS SHIELD PANEL ZE
- 1170699 BUS PANEL GROMMET
- 1170700 BUS PANEL FITTING
- 1170701 BUS PANEL Z NODE ADAPT
- 1170702 BUS PANEL E NODE ADAPT
- 1170730 PANEL FITTING W NODE

NOTES:
 1. SMA PART NUMBERS ARE (INVISIBLY) LINKED TO THE ASSOCIATED DOCUMENT(S).
 2. TBD (TO BE DETERMINED) PARTS DO NOT HAVE DOCUMENTATION AT THIS TIME.

| | | | | | | | | | | |
|----------|--|-----------|---------|-------|-----|--|--|--|---|---------------------------|
| DASH NO. | | NEXT ASSY | USED ON | MATL: | FN: | METRIC THIRD ANGLE PROJECTION  REMOVE BURRS AND BREAK SHARP EDGES UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES - MILLIMETERS DECIMALS ANGLES .X.X * * .XXX * | | Dm Date 7/09/03 G.N. Date Chk Date Dgn Appd Date Dgn Appd Date Engr Appd Date Engr Appd Date Contract | Smithsonian Astrophysical Observatory Submillimeter Array Project SMA ANTENNA DRAWING TREE Size D Code Ident No. 50944 Dwg. No. 10050000013 Scale NONE Visio Pro V5.0 | Rev. OD Sheet 13 of 13 |
|----------|--|-----------|---------|-------|-----|--|--|--|---|---------------------------|