

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

OPTICAL SYSTEMS

**REFLECTOR TREE
1005000013**

**CHOPPER TREE
1005000011**

4,5,6 PLATE ASSEMBLY (TBD)

**OPTICAL TELESCOPE
DWG 1015138 (TBD)
BOM 1015138**

OPTICAL TELESCOPE NEW (TBD)

**RECEIVER OPTICS
1005000012**

**M 3 DOOR COMPONENTS
DWG 1055201
BOM 1055201**

- 1160003 MIRROR 4
- 1160004 MIRROR 5
- 1160005 MIRROR 6

- 1170279 REAR BASE
- 1170280 BASE RETAINER
- 1170281 FRONT BASE
- 1170273 MOUNT CCD
- 1170275 RETAINER CCD
- 1170277 NUT CCD ADJ
- 1170283 FRONT MTG
- 1170287 BAFFLE MTG
- 1170288 BAFFLE
- 1170290 TUBE TELE
- 1170292 CAP BOTTOM
- 1170294 LENS RETAINER
- 1170296 LENS SEAT
- 1170356 NUT PRELOAD
- 1170274 SPACER
- 1170276 BASE CCD MTG
- 1170278 REAR SUPPORT
- 1170282 FRONT SUPPORT
- 1170284 LENS MOUNT
- 1170286 NUT TELE ADJ
- 1170291 MTG RING FILTER
- 1170293 BOTTOM RING
- 1170295 PRESSURE RING
- 1170297 ADJUSTER SCREW
- 1170285 ADJ SCREW-TELE
- 1170289 SCREW BAFFLE

- 1170279 REAR BASE
 - 1170280 BASE RETAINER
 - 1170281 FRONT BASE
 - 1171268 HUB MTG PLATE
 - 1171273 WINDOW RET
 - 1171276 WINDOW CELL
- 10530001 TUBE ASS'Y
10530001 BOM**
- 1171285 BRACE
 - 1171274 END CAP
 - 1171275 END FLANGE
 - 1171267 SEC. TUBE SUP
 - 1171265 PRIMARY SUP
 - 1171266 MAIN SUPPORT

- 1170348 M3 MIRROR
 - 1170353 MIRROR COVER
 - 1170349 MIRROR MTG
 - 1170563 ADJ. SCREW
 - 1055217 M3 WINDOW SUB-ASSY and BOM 1055217**
 - 1171474 M3 WINDOW
 - 1170351 RETAINER
 - 1170352 MOUNT
 - 1170350 RETAINER
 - 1170337 MIRROR HOUSING
 - 1171402 DOOR BRACE LT
 - 1171280 DOOR BRACE RT
 - 1170340 DOOR LINK
 - 1170339 DOOR ARM
 - 1170346 DOOR M3
 - 1170341 DOOR SHAFT
 - 1170347 DOOR HINGE
 - 1171244 ACTUATOR SHAFT
 - 1055200 COVER ASSEMBLY**
 - 1171254 WORM GEAR MOD
 - 1171403 DOOR PIN
 - 1170345 DOOR SPACER
 - 1171283 RT ANGLE ADAPT
 - 1171249 BEARING COVER
- TBD WIRING SCHEMATIC
TBD CABLE (W)
- 1171246 SWITCH ACTUATOR
 - 1170344 ACTUATOR SPACER
 - 1055196 SHAFT SUB-ASSY**
 - 1171245 BEARING HOUSING
 - 1171248 HOUSING PLATE
 - 1171253 O'RING PLUG
 - 1171250 DRAG PLATE
 - 1171263 1.5 DEGREE TOOL
 - 1171248 HOUSING PLATE

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

METRIC		Dm Date	GN 7/09/03	Chk Date	Smithsonian Astrophysical Observatory Submillimeter Array Project	
THIRD ANGLE PROJECTION		Desgn Appd Date			SMA ANTENNA DRAWING TREE	
REMOVE BURRS AND BREAK SHARP EDGES		Desgn Appd Date			OPTICAL SYSTEMS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		Engr Appd Date	G. NYSTROM		Size D	Code Ident No. 50944
TOLERANCES - MILLIMETERS		Engr Appd Date	7/09/03		Dwg No. 1005000007	Rev. OD
.XXX * ANGLES *		Contract			Scale NONE	Visio Pro V5.0
DASH NO.	NEXT ASSY	USED ON	MATL	FIN	Sheet 7 of 13	

