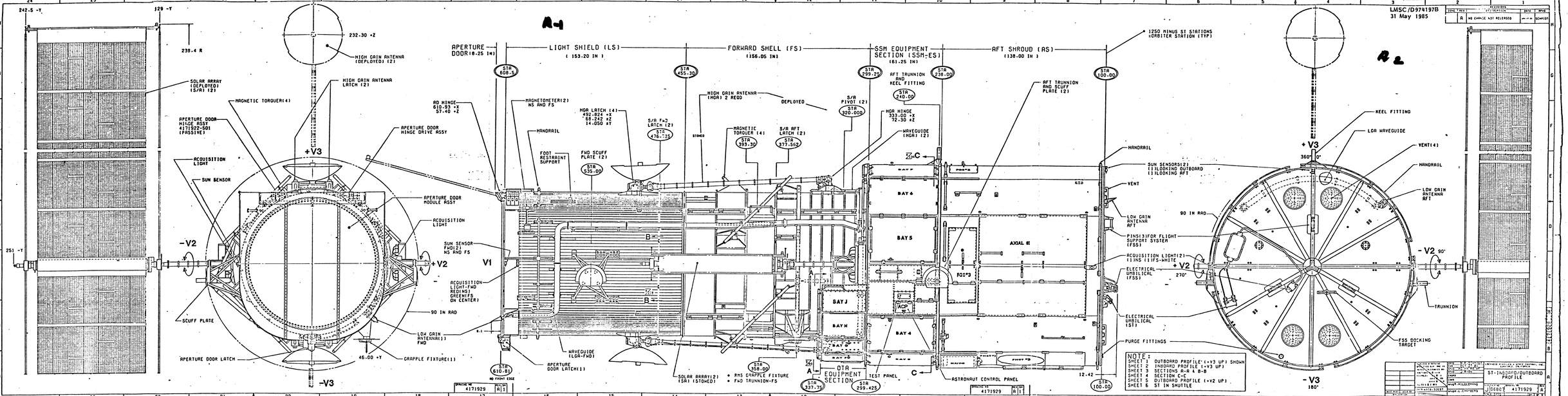
REVISIONS			
ZONE / REV.	DESCRIPTION	DATE	APVD
A	NO CHANGE NOT RELEASED	31 MAY 85	DCM1181

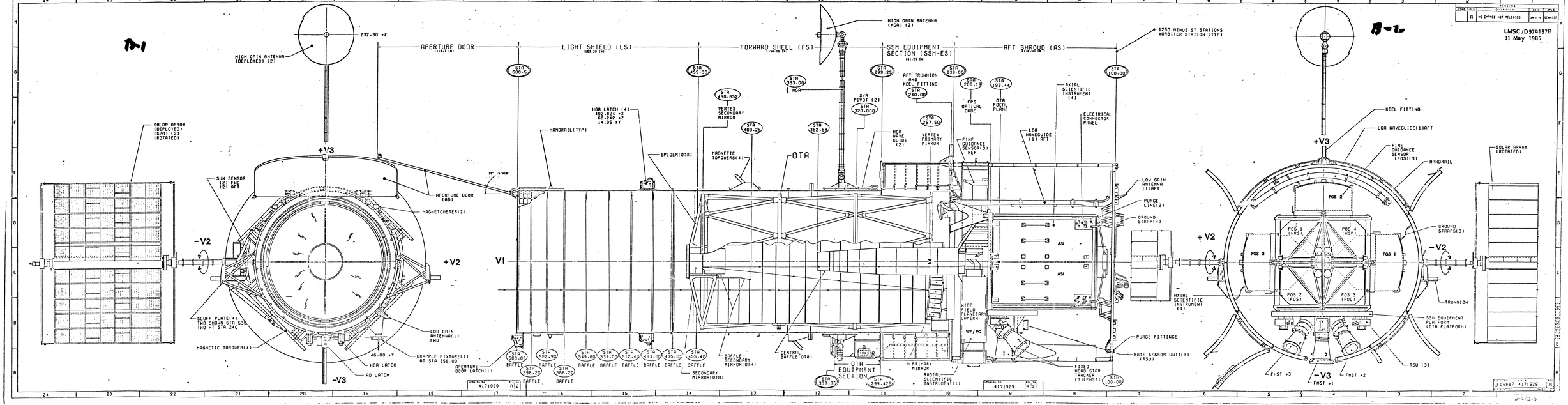


LOCKHEED MISSILES & SPACE COMPANY, INC.			
ENGINEER	DATE		
DESIGN			
DRAFT			
CHK			
APPROVED			
PROJECT ENGR.			
DATA MANAGEMENT			
CONTRACT NO. NAS8-32633			
DRAWING NO. LMSC-HAS-000001			
CONTRACT DATA REQUIREMENTS LIST ITEM NO.			
SPACE SYSTEMS DIVISION VALLEY FORGE OPERATIONS			

ST-INBOARD/OUTBOARD PROFILE

J06807 4171929 R

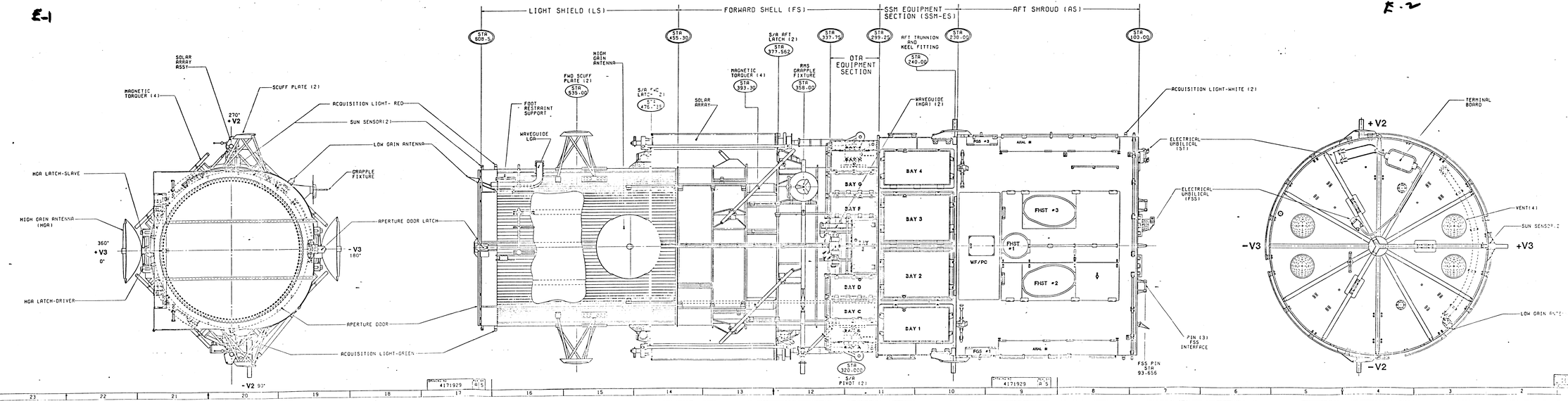
D-2/9-3



LMSC/D974197B
31 May 1985
A-1
A-2
APERTURE DOOR
LIGHT SHIELD (LS)
FORWARD SHELL (FS)
SSM EQUIPMENT SECTION (SSM-ES)
AFT SHROUD (AS)
HIGH GAIN ANTENNA (DEPLOYED) (2)
HIGH GAIN ANTENNA (HGA) (2)
1250 MINUS ST STATIONS ±ORBITER STATION (TYP)
SOLAR ARRAY (DEPLOYED) (S/A) (2) (ROTATED)
SUN SENSOR (2) FWD (2) AFT
APERTURE DOOR (AD)
MAGNETOMETER(2)
SCUFF PLATE(4) TWO SHOWN-STA 535 TWO AT STA 240
MAGNETIC TORQUER(4)
LOW GAIN ANTENNA(1) FWD
GRAPPLE FIXTURE(1) AT STA 358.00
HGA LATCH
AD LATCH
APERTURE DOOR LATCH(1)
HANDRAIL(TYP)
HGA LATCH (4) 492.824 +X 68.242 ±Z 14.05 ±Y
SPIDER(OTA)
VERTEX SECONDARY MIRROR
MAGNETIC TORQUERS(4)
OTA
BAFFLE-SECONDARY MIRROR(OTA)
CENTRAL BAFFLE(OTA)
SECONDARY MIRROR(OTA)
OTA EQUIPMENT SECTION
PRIMARY MIRROR
RADIAL SCIENTIFIC INSTRUMENT(1)
HGA WAVE GUIDE (2)
VERTEX PRIMARY MIRROR
S/A PIVOT (2)
AFT TRUNNION AND KEEL FITTING
FPS OPTICAL CUBE
OTA FOCAL PLANE
FINE GUIDANCE SENSOR(3) REF
LGA WAVEGUIDE (1) AFT
AXIAL SCIENTIFIC INSTRUMENT (4)
ELECTRICAL CONNECTOR PANEL
LOW GAIN ANTENNA (1)AFT
PURGE LINE(2)
GROUND STRAP(4)
WIDE FIELD PLANETARY CAMERA
WF/PC
PURGE FITTINGS
RATE SENSOR UNIT(3) (RSU)
FIXED HEAD STAR TRACKER (3)(FHST)
KEEL FITTING
LGA WAVEGUIDE(1)AFT
FINE GUIDANCE SENSOR (FGS)(3)
HANDRAIL
GROUND STRAPS(3)
TRUNNION
SSM EQUIPMENT PLATFORM (OTA PLATFORM)
RSU (3)
FHST #3
FHST #2
FHST #1
FGS 1
FGS 2
FGS 3
POS 1 (HRS)
POS 2 (FOS)
POS 3 (FOC)
POS 4 (HSP)
+V3
-V3
+V2
-V2
V1

E-1

E-2



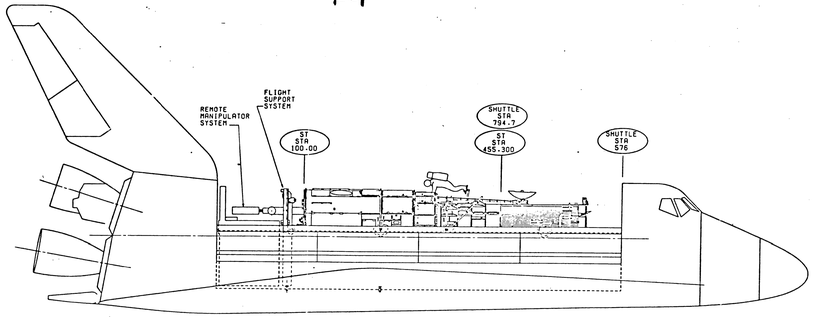
4171929 A 5

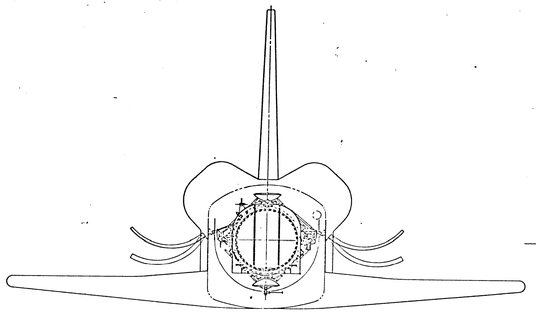
4171929 A 5

4171929 A 5

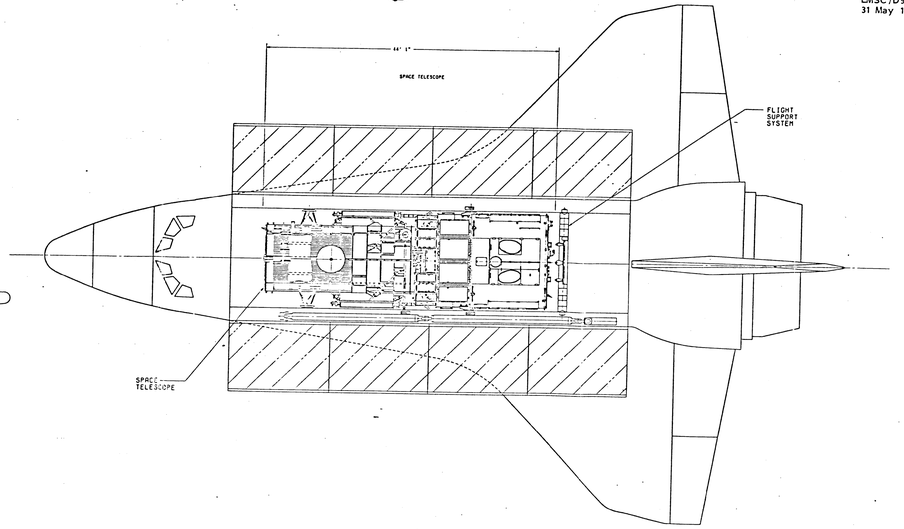
D-10/D-11

F-1





F-2



REVISIONS			
LTR	DESCRIPTION	DATE	APPD
A	NO CHANGE NOT RELEASED		