

HST SM4

BAY 2	# 1	H
BATT	# 2	C
	# 3	K
BAY 3	# 4	H
BATT	# 5	C
	# 6	K

NOBL	REMOVE
Bay 5	MLI & (Vent Plugs (2))
Bay 7	Wire Restraints (2)
Bay 8	MLI & Patch Kits
Bay 9	Wire Loop

+V3  
360°/0°

RSU	Launch	SM1	SM3A	SM4
1	1005	1005	1003	1004
2	1002	1007	1002	1006
3	1003	1006	1008	1007

SSAT #1 +V1, #2R -V1  
MAT #1 +V1, #2 -V1  
RF XFR SW #1 -V1, #2 +V1  
RF SW #1 +V1, #2 -V1  
DIPLEXER #1 +V1, #2 -V1  
RF MUX #1 +V1, #2 -V1  
  
SSR #1 +V1  
SSR #3 -V1

CSS #3 (+V3)  
+ HGA (HGA #1)  
AD HINGE

SADE #1R +V1  
SADE #2R -V1

ECU #1R H  
#2 C  
#3R K

LGA (Aft)  
48° (-V1)

MSS #2 &  
Cover  
54°

90° (-V2)

- SA 3  
DBA2 #2

CSS #2 (+V1)

OTA Bay	EVA Max Opening
B	135°
C	118°
D	100°
E	100°
F	100°
G	100°
H	137°

CCC #1 +V1  
#2 C  
#3 -V1  
OSC #1 +V1  
#2 -V1

AD LATCH  
- HGA (HGA #2)  
CSS #4 (-V1)  
CSS #5  
(45° @ V1-V3 plane)

180°  
-V3

LGA (Fwd)  
228° (+V1)

FUSE PLUG	P15	P17	P16
PDU			
1	+V1R	C	-V1R
2	-V1R	C	+V1R1
3	+V1R	C	-V1R
4	-V1R	C	+V1R

RGA	RSU	CH	GYRO
	ECU		
1	1	1	1
1	1	2	2
2	2	1	3
2	2	2	4
3	3	1	5
3	3	2	6

SSM Bay	EVA Max Opening
1	94°
2	110°
3	110°
4	110°
5	118°
6	99°
7	101°
8	155°
9	94°
10	110°

**LEGEND**  
C-Center  
D-Door  
H-Hinge  
K-Knob  
T-Tunnel  
  
**ORUs**  
AS-14  
OTA-9  
SSM-58  
EXTERIOR- 11  
  
DOOR STAY  
DOOR HINGE  
CRYO VENT FITTING  
DOOR STOP EXTENSION  
NOBL  
Conduit

**HST LAYOUT DRAFT**  
(LOOKING AFT -V1 DIRECTION)

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