

STS DATA SUMMARIES

10/05/2001

PLANNING OVERVIEW/FLIGHT HARDWARE/FACILITY REQUIREMENTS

(Near-Term Flights - Two flights per vehicle - except during an OMDP. Follow-on flight of an OMDP will appear mid-flow)

NEAR-TERM FLTS.	STS-108/OV-105/17	STS-109/OV-102/27	STS-110/OV-104/25	STS-111/OV-105/18
PLANNING OVERVIEW	Mission extension approved Outside normal board process (9/10)	PRCB Rebaseline (10/4/01)	PRCB Rebaseline (10/4/01) Landing GMT 4/1 – KSC 3/31	Mission extension approved at 8/16/01 PRCB
LSFR/DELTA LSFR	3/29/01 (A) – 5/24/01 (A)	2/22/01(A) – 5/24/01 (A)	7/5/01 (A) – 8/30/01 (A)	11/1/01 – 1/10/02
CREW SIZE/MISSION DURATION	7/11 (Crew Rotation)	7/11	7-3 / 11	7 / 11 (Crew Rotation)
LAUNCH DATE/TIME (HH:MM:SS)	11/29/01 U/R Time: 20:05:30 EST	2/14/02 Time: 14:20:00 EST	3/21/02 Time: 23:01:00 EST	4/18/02 U/R Time: TBD EST
LANDING DATE/TIME - KSC	12/10/01 Time: TBD EST	1/28/02 Time: TBD EST	3/31/02 Time: 19:30:00 EST	4/29/02 Time: TBD EST
LAUNCH WINDOW (HH:MM:SS)	00:10:00	TBD	00:10:00	00:10:00
INSERTION ALT. / INCLINATION	122 NM / 51.6	308 NM / 28.45	122 NM / 51.6	122 NM / 51.6
FLIGHT SOFTWARE	OI-28	OI-28	OI-29	OI-29
FLIGHT HARDWARE				
DOWN PAYLOAD PROCESSING	ISS-09-6A / MPLM2(P)-01	N/A	ISS-10-7A/AIRLOCK	ISS-12-UF1/MPLM1(P)-02
UP PAYLOAD PROCESSING	ISS-12-UF1 / MPLM2(P)-02	HST SM 3B	ISS-13-8A / ITS SO	ISS-14-UF2/MPLM2(P)-03
PAYLOAD INSTALLATION	Vertical	Vertical	Vertical	Vertical
PRSD TANK SETS	Prev. 5 / Curr. 5	Prev. X / Curr. 5	Prev. 5 / Curr. 5	Prev. 5 / Curr. 5
GN2 TANKS	Prev. 7 / Curr. 6	Prev. X / Curr. 5	Prev. 7 / Cur. 6	Prev 6 / Curr. 6
RMS INSTALLED / #	Yes / #303	Yes / #201	Yes / #202	Yes / #303
INTERNAL/EXTERNAL AIRLOCK	External	Internal	External	External
TUNNEL ADAPTER	No	No	No	No
SRB/ET	Bi110 / RSRM: 82 / ET: 111	Bi111 / RSRM: 83 / ET: 112	Bi112 / RSRM: 85 / ET-114	Bi113 / RSRM: 84 / ET-113
SSME 1/2/3	2049-2A/2043-2A/2050-2	2056-2A/2053-2A/2047-2A	2048-2/2051-2/2054-2	2052-2/2044-2/2045-2
OMS POD	RP01/31/F6 – LP04/24/F6	RP05/15/F1 – LP05/16/F1	RP04/25/F5 – LP03/29/F5	RP01/32/F7 – LP04/25/F7
FRCS / FLT. # / FLTS. SINCE OMDP	FRC5/17/F6	FRC2/27/F1	FRC4/24/F4	FRC5/18/F7
FACILITY REQUIREMENTS				
TAL SITE (Post-Launch) (Prime/Alt.)	Zaragoza	Banjul / Ben Guerir	Zaragoza / Ben Guerir	Zaragoza
EOM LANDING SITE (Prime-Alt.)/CLS	KSC - DFRC / WSSH	KSC - DFRC / WSSH	KSC – DFRC / WSSH	KSC – DFRC / WSSH
OPF BAY	OPF Bay-1	OPF- Bay-1/3	OPF- Bay-2/2	OPF Bay-1
VAB HIGH BAY (MATE) / MLP	VAB HB-1/MLP-1	VAB HB-3/MLP-2	VAB HB-1/MLP-3	VAB HB-3 / MLP-1
PAD	PAD-B	PAD-A	PAD-B	PAD-A
LAUNCH CONTROL CENTER	2/1/3	2/1	1/2/3	2/1

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Denotes changes since last publication/U/R = Under Review

STS Data Summaries Matrix can be viewed on the Web at: <http://usago1.ksc.nasa.gov/usago/orgs/frpc/pmfr/index.htm>