

STS-100/ISS-6A Quick-Look Data

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Rank/Seats	STS-100	ISS-6A	Family	DOB	STS-100 Hardware and Flight Data
Commander	Navy Capt. Kent V. Rominger, 44 Up STS-73, 80, 85, 96, 100		M/1	08/07/56	STS Mission STS-100/ISS-6A Orbiter Endeavour/OV-105 (16) Payload SSRMS; MPLM Launch 02:40:42 PM 04.19.01 Pad/MLP/FR 39A/MLP-1/FR 1-2 Prime TAL Zaragoza, Spain Landing 10:00:00 AM 04.30.01 Landing Site KSC, Runway 15/33 Duration 10/19:19
Pilot/IV	Navy Capt. Jeffrey Ashby, 46 Up STS-93, 100		M/0	06/16/54	Endeavour 155/05:44:18 STS Program 907/00:08:54
MS1/EV1	CAF Col. Chris Hadfield, 41 Up/Down STS-74, 100		M/3	08/29/59	MECO Ha/Hp 169 X 40 nm OMS Ha/Hp 175 X 105 nm ISS Ha/Hp 235 X 229 (varies) Period 92.3 minutes Inclination 51.6 degrees Velocity 17,169 mph EOM Miles 4.44 million EOM Orbits 169 (land on 170)
MS2/FE	John L. Phillips, Ph.D., 50 Up STS-100		M/2	04/15/51	SSMEs (2A) 2054, 2043, 2049 ET/SRB 108/BI107-RSRM 79 Software OI-28 Left OMS LP04/23/F5 Right OMS RP01/30/F5 Forward RCS FRC5/16/F5 Airlock External RMS #303 Cryo/GN2 5 PRSD/ 7 GN2
MS3/EV2	Scott Parazynski, M.D., 39 Down STS-66, 86, 95, 100		M/2	07/28/61	
MS4	Umberto Guidoni, Ph.D., 46 Down/Up STS-75, 100		M/1	08/18/54	
MS4	RAF Lt. Col. Yuri Lonchakov, 36 Down STS-100		M/1	03/04/65	
ISS-2 CDR	Yury Usachev, 43 Soyuz TM-18, TM-23, STS-101, ISS-2: >385 days		M/1	10/09/57	
ISS-2 FE	James Voss, 52 STS-44, 53, 69, 101, ISS-2: >836 hours		M/1	03/03/49	
ISS-2 FE	AF Col. Susan Helms, 43 STS-54, 64, 78, 101, ISS-2: >1,096 hours		S/0	02/26/58	
STS-100 Weights and Payload Data			STS-100 Crew Patch		
Shuttle vehicle at launch 4,521,931 Shuttle Endeavour at launch 228188 Shuttle Endeavour at landing 219,890 SSRMS 3,618 SSRMS Cradle TBD MPLM 9,000 MPLM cargo (up/down) 7500/TBD					
Flight Plan (MET and EST)		STS-100 Flight Control Personnel			STS-100 will be the...
04/19/01 Launch: 0/00:00 02:41 PM EST 04/21/01 ISS docking: 1/18:55 09:32 AM 04/22/01 EVA-1: 2/16:40 07:21 AM 04/24/01 EVA-2 4/18:25 09:06 AM 04/26/01 SSRMS test: 6/15:25 06:06 AM 04/28/01 Undocking: 8/21:36 11:45 AM 04/30/01 Landing: 10/19:19 10:00 AM		Leroy Cain Ascent flight director Phil Engelauf Orbit 1 FD (lead) Kelly Beck Orbit 2 FD Bryan Austin Planning FD A. Hasbrook Moscow FD Leroy Cain Entry FD John Curry ISS Orbit 1 FD (lead) Mark Ferring ISS Orbit 2 FD Robert Castle ISS Orbit 3 FD Mike Leinback Launch director Steve Altemus NTD Terrence Wilcutt KSC weather pilot			104th Shuttle mission since STS-1 3rd Of 7 flights in 2001 79th Post-Challenger mission 14th Of 88 ISS assembly flights 16th Flight of Endeavour 59th Launch off pad 39A 79th Day launch 45th Day launch off pad 39A 19th 51.6-degree inclination 55th Planned KSC landing 86th Day landing 43rd Day landing at KSC 15.23 Years since 51L (at launch) 5,560.08 Days since 51L
Rev. B (04/23/01)					Compiled by William Harwood