

CY2006			CY2007				CY2008				CY2009				CY2010			
3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
FY2006			FY2007				FY2008				FY2009				FY2010			

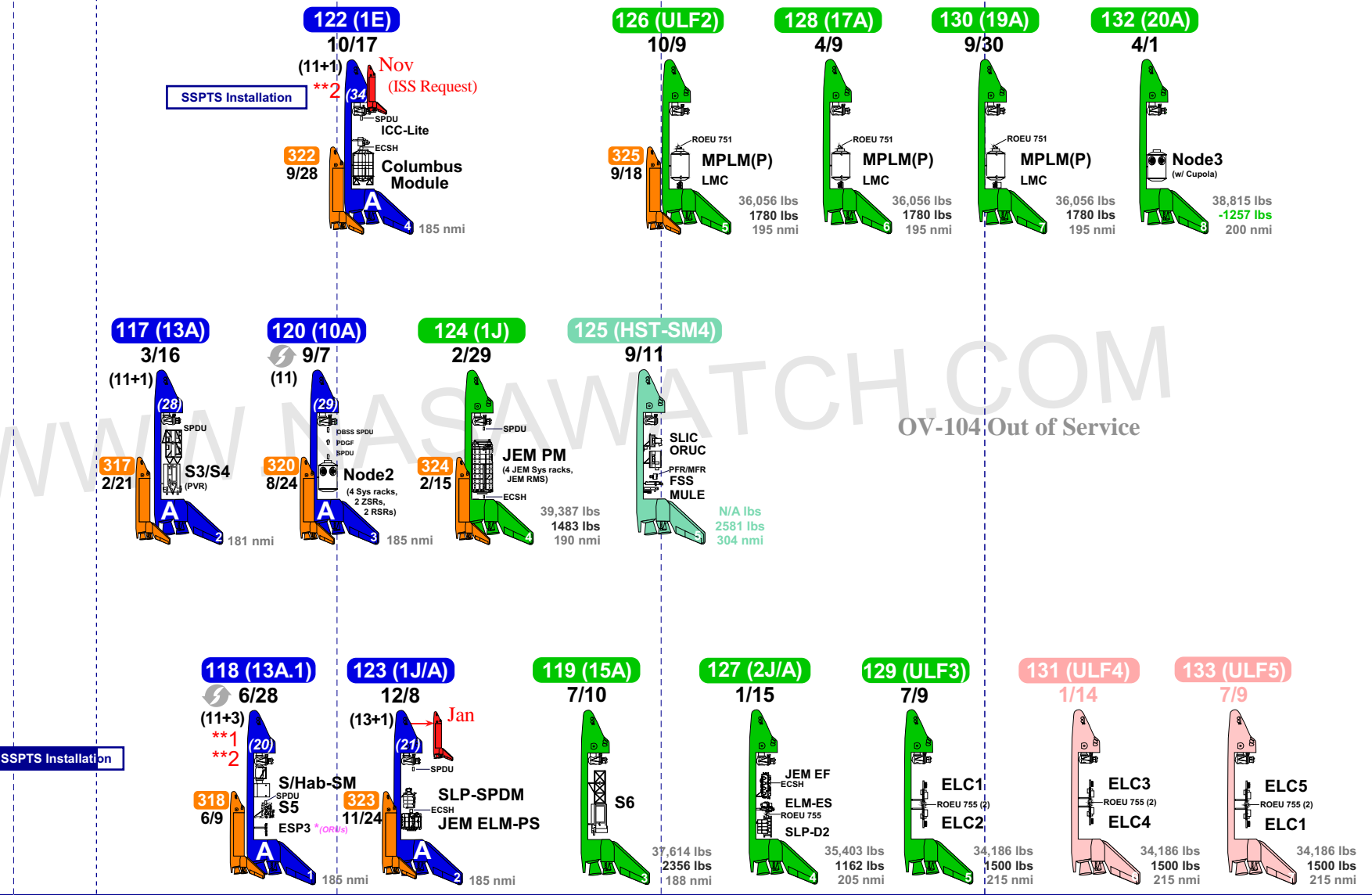
103
Discovery

104
Atlantis

105
Endeavour

All Shuttle flights are No Earlier Than (NET) launch dates

This chart represents cargo bay configurations approved by the JCAWG



OV-104 Out of Service

Flight Rate:		FY-4 / CY-4				FY-5 / CY-5				FY-5 / CY-4				FY-3 / CY-3							
Daylight Launch		13	12	11	12	8	10	5	5	6	2	5	29								
Launch Beta Angle Cutouts*		13	β	21	8	β	19	5	β	17	2	β	12								
Unofficial ET Photo		18	5	18	8	16	7	13	30	11	23	11	18								

* Being above 45-50 degrees for 180mi Orbit during Orbiter/ISS combined operations

** New Capabilities: (JMICB controlled)

- Avionics Bay 1, 2 & 3A Enhanced Cooling (Rear Air-Breathing) Capability
- Station/Shuttle Power Transfer System (SSPTS) Capability - extends flight duration 15 days [STS-118 (13A.1) & subs except OV-104 flights]

Contingency Logistic Flights (pencil icon)
Contingency Shuttle Crew Support (CSCS) (Empty Cargo Bay) (candle icon)
Crew Augmentation (candle icon)

FDRD Launch Date (baselined) → Launch Date (STS# (ISS#))
Mission duration → (#) → Crew Rotation Assessed launch date
of times the OV has flown → Cargo Bay Element(s)
Launch Pad → Rendezvous altitude (nmi)
Rendezvous altitude (nmi)
ISS Chargeable weight (lbs)
APM (lbs)
of times the OV has flown since last GMDP

Not baselined in the FDRD (green box icon)