

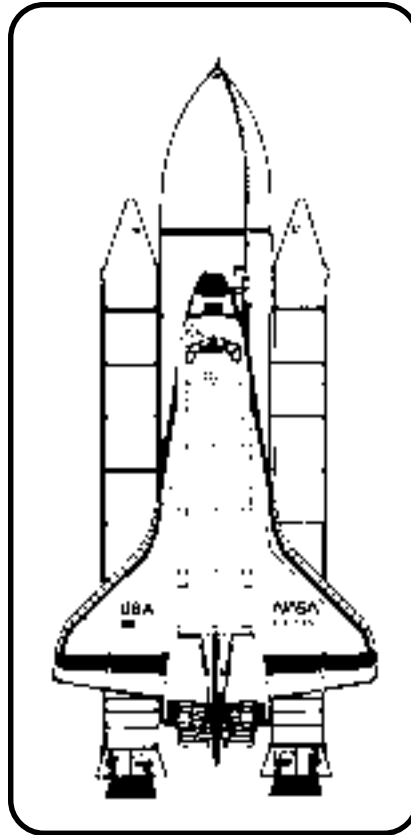
# Atlantis (OV-104)

ica's fleet of Space Shuttle orbiters  
ed after pioneering sea vessels that  
ed new frontiers in research and ex-

A delved through the history books to  
s which achieved historical signifi-  
rough discoveries about the world's  
r the Earth itself. Another important  
n the selection process was consider-  
the international nature of the Space  
rogram.

is, which in 1985 became the fourth  
the fleet to be launched from Kennedy  
enter, is named after the primary res-  
essel for the Woods Hole Oceanog-  
nstitute in Massachusetts from 1930  
The two-masted, 460-ton ketch was  
U.S. vessel to be used for oceanog-  
research. Such research was consid-  
e one of the last bastions of the sailing  
steam- and-diesel-powered vessels  
d the waterways.

steel-hulled ocean research ship was  
ately 140 feet long and 29 feet wide to  
r stability. She featured a crew of 17  
n for five scientists. The research



personnel worked in two onboard laboratories,  
examining water samples and marine life

brought to the surface by two large  
from thousands of feet below the sur-  
water samples taken at different dept  
in temperature, providing clues to th  
ocean currents. The crew also used  
electronic sounding devices to map t  
floor.

The spaceship Atlantis has carried  
spirit of the sailing vessel with sever  
tant voyages of its own, including th  
planetary explorer mission in 1989  
deployment of the Arthur Holley  
Gamma Ray Observatory in 1991.

The first orbiter to fly in space wa  
bia, followed by Challenger in 1983. D  
arrived at KSC later that year and was  
on its first mission in 1984. After C  
was lost in 1986 a replacement, En  
was built and flew for the first time in

In the day-to-day world of Shuttle  
tions and processing, Space Shuttle  
go by a more prosaic designation. A  
commonly referred to as OV-104, fo  
Vehicle-104. Columbia, Discovery,  
deavour are, respectively, OV-102,  
and OV-105.

# Flights of Atlantis (OV-104)

## (1985 to date)

Mission Name	Crew	Launch Pad	Launch Date	Landing Date & Site	Primary Payload
OV-101	Bobko, Grabe, Stewart, Hilmers, Pailles	39A	10/3/85	10/7/85 at Edwards	DOD
OV-102	Shaw, O'Connor, Cleave, Spring, Ross, Neri Vela, Walker	39A	11/26/85	12/3/85 at Edwards	MORELOS-B; AUSSAT-2; SATCO
OV-103	Gibson, Gardner, Mullane, Ross, Shepherd	39B	12/2/88	12/6/88 at Edwards	DOD
OV-104	Walker, Grabe, Thagard, Cleave, Lee	39B	5/4/89	5/8/89 at Edwards	Magellan
OV-105	Williams, McCulley, Baker, Chang-Diaz, Lucid	39B	10/18/89	10/23/89 at Edwards	Galileo
OV-106	Creighton, Casper, Hilmers, Mullane, Thuot	39A	2/28/90	3/4/90 at Edwards	DOD
OV-107	Covey, Culbertson, Gemar, Meade, Springer	39A	11/15/90	11/20/90 at KSC	DO
OV-108	Nagel, Cameron, Apt, Godwin, Ross	39B	4/5/91	4/11/91 at Edwards	GRO
OV-109	Blaha, Baker, Adamson, Low, Lucid	39A	8/2/91	8/11/91 at KSC	TDRS-5
OV-110	Gregory, Henricks, Runco, Voss, Musgrave, Hennen	39A	11/24/91	12/1/91 at Edwards	DSP
OV-111	Bolden, Duffy, Sullivan, Leestma, Foale, Frimout, Lichtenberg	39A	3/24/92	4/2/92 at KSC	ATLAS-1
OV-112	Shriver, Allen, Hoffman, Chang-Diaz, Ivins, Nicollier, Malerba	39B	7/31/92	8/8/92 at KSC	TSS; EURECA deploy
OV-113	McMonagle, Brown, Ochoa, Tanner, Parazynski, Clervoy	39B	11/3/94	11/14/94 at Edwards	ATLAS-3
OV-114	Gibson, Precourt, Baker, Harbaugh, Dunbar. Embarking (Mir 19): Solovyev, Budarin. Returning (Mir 18): Thagard, Dezhurov, Strekalov.	39A	6/27/95	7/7/95 at KSC	1st Shuttle-Mir docking
OV-115	Cameron, Halsell, Ross, Hadfield, McArthur	39A	11/12/95	11/20/95 at KSC	2nd Shuttle-Mir docking
OV-116	Chilton, Searfoss, Sega, Clifford, Godwin. Embarking (Mir 21): Lucid	39B	3/22/96	3/31/96 at Edwards	3rd Shuttle-Mir docking
OV-117	Readdy, Wilcutt, Akers, Apt, Walz. Embarking (Mir 22): Blaha. Returning (Mir 21): Lucid.	39A	9/16/96	9/26/96 at KSC	4th Shuttle-Mir docking
OV-118	Baker, Jett, Grunsfeld, Ivins, Wisoff. Embarking (Mir 22): Linenger. Returning (Mir 22): Blaha.	39B	1/12/97	1/22/97 at KSC	5th Shuttle-Mir docking
OV-119	Precourt, Collins, Noriega, Lu, Clervoy, Kondakova. Embarking (Mir 23): Foale. Returning (Mir 23): Linenger	39A	5/15/97	5/24/97 at KSC	6th Shuttle-Mir docking
OV-120	Wetherbee, Bloomfield, Titov, Parazynski, Chretien, Lawrence. Embarking (Mir 24): Wolf. Returning (Mir 23/24): Foale.	39A	9/25/97	10/6/97 at KSC	7th Shuttle-Mir docking
OV-121	Halsell, Horowitz, Weber, Williams, Voss, Helms, Usachev	39A	5/19/00	5/29/00 at KSC	3rd ISS Mission - Spacehab Maintenance
OV-122	Wilcutt, Altman, Lu, Malenchenko, Morokov, Mastracchio, Burbank	39B	9/8/00	9/20/00 at KSC	2nd ISS Servicing Mission
OV-123	Cockrell, Polansky, Curbeam, Ivins, Jones	39A	2/7/01	2/20/01 at Edwards	7th ISS Mission - U.S. Destiny Lab; Experiments
OV-124	Lindsey, Hobaugh, Gernhardt, Reilly, Kavandi	39B	7/12/01	7/24/01 at KSC	10th ISS Mission - U.S. Joint Airlock