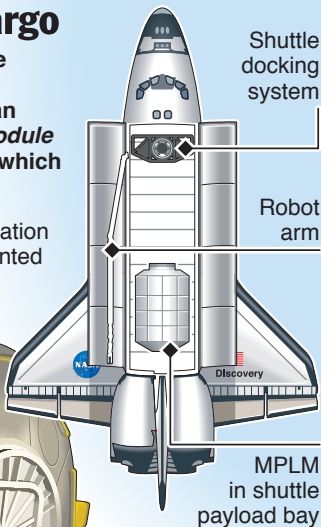


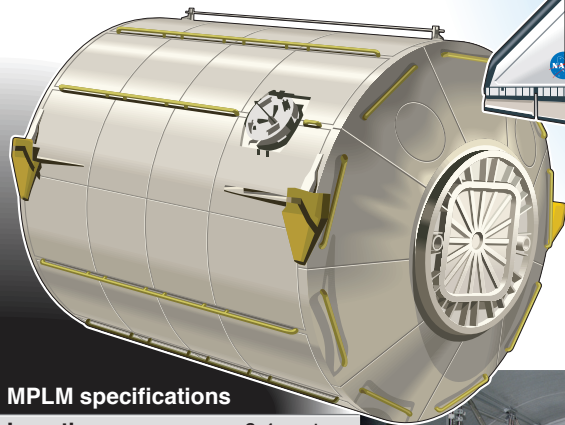
Shuttle to deliver station cargo

Space Shuttle *Discovery* will deliver science experiments and critical spare parts to the International Space Station aboard the Italian Space Agency's **Multi-Purpose Logistics Module (MPLM) Leonardo**, a reusable cargo carrier which is making its seventh trip into space

MPLM: Carried inside shuttle and berthed to station using robot arm. After cargo is delivered, unwanted station material is loaded for return to Earth



During mission, MPLM is berthed to space station's **Unity** or **Harmony** module



MPLM specifications

Length	6.4 metres
Diameter	4.6 metres
Payload capacity	9,000kg
First flight	March 2001
Service life	25 return flights

Module includes life-support systems and 16 refrigerator-sized equipment containers

