

Mobile Landing Platform Fact Sheet

MARITIME PREPOSITIONING FORCE (TRANSITION)

The Mobile Landing Platform will become the centerpiece of the Sea Base. It will facilitate the selective offload of prepositioned equipment. In concert with JHSV and prepositioned LMSRs, it will facilitate movement of forces and prepositioned Marine Corps equipment from the Sea Base to the shore via LCAC. The MLP is planned for use across the range of military operations including Humanitarian Assistance/Disaster Response (HA/DR), Theater Security Cooperation, and Major Combat Operations.

DIMENSIONS AND PERFORMANCE

- Length, Overall:..... 239m
- Beam 50m
- Sustained Speed:..... >15 knots
- Endurance: over 9,500 NM at 15 knots

PROPULSION SYSTEM

- Twin screw diesel electric
- 4 MAN/B&W medium speed diesel main engines
- 24 MW diesel electric plant
- 2 MW azimuthing bow thruster

VEHICLE TRANSFER

- Skin to skin transfer to / from LMSR and JHSV
- 25,000 square feet of vehicle stowage
- Fender stowage and handling gear

SHIP SERVICES

- 34 MSC berths
- Including hotel Services to support berthing modules
 - o 3MW 60 Hz power
 - o Over 100K gal potable water
- Over 590 K gal JP-5

LCAC SUPPORT

- 3 LCAC spots
- Space for LCAC support containers (O-Level support)
- 60 Hz
- AFFF
- JP-5
- Potable water/LCAC washdown

GENERAL DYNAMICS

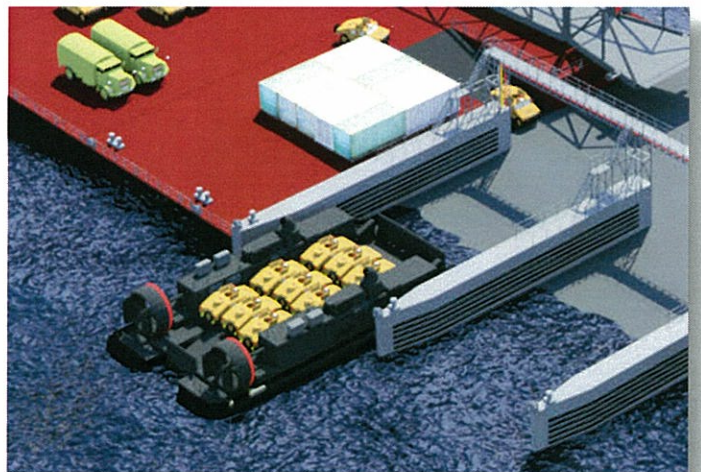


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MOBILE LANDING PLATFORM MISSION



Conducting vehicle transfer operations from an LMSR to LCAC for transport ashore



Conducting LCAC Operations



HA/DR Mission transferring containers ashore. Shown with hospital barge.