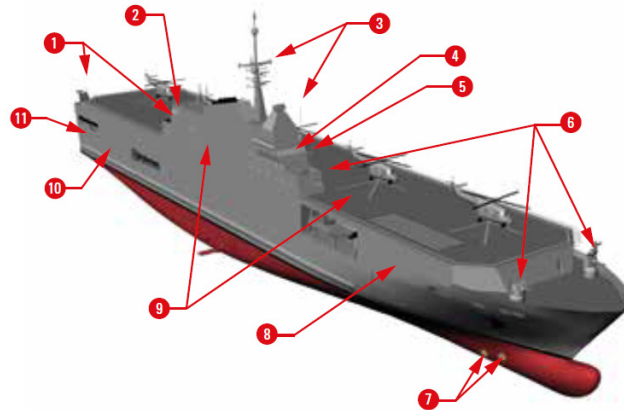


# ENDURANCE CLASS LANDING PLATFORM DOCK

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## ENDURANCE CLASS LANDING PLATFORM DOCK



The Endurance class landing platform dock is a well proven multi-purpose and multi-role ship designed and built by the marine arm of ST Engineering. To date, four Endurance 140 vessels have been delivered to the Republic of Singapore Navy and one to the Royal Thai Navy.

Capable of both vertical (helicopters) and surface (including ST Engineering's Brave class ship-to-shore connectors) lift operations, coupled with their great endurance, these vessels can provide an afloat command and logistic hub capability besides being able to project both men and equipment including to areas stricken by natural disasters.

A larger variant, the Endurance 170 is a multi-purpose and multi-role ship designed by the marine arm of ST Engineering. The vessel will have five spots on deck for helicopters with a hangar deck below for more helicopter assets. Incorporating an extensive hospital, the vessel is well-suited for naval and civilian operations including humanitarian assistance and disaster relief, peacekeeping missions and counter-piracy operations.

### KEY FEATURES

- 1 CIWS & 30MM CALIBER GUNS
- 2 GOOD VISIBILITY FROM HELICOPTER CONTROL ROOM TO FLIGHT DECK
- 3 360 DEGREE UNOBSTRUCTED RADAR SURVEILLANCE
- 4 GOOD VISIBILITY FROM BRIDGE
- 5 BRIDGE, CIC, JOINT OPERATIONS ROOM AND RADIO ROOM LOCATED IN CLOSE PROXIMITY FOR EFFICIENT OPERATIONS
- 6 CIWS & 30MM CALIBER GUNS
- 7 BOW THRUSTERS FOR ENHANCED MANOEUVRABILITY
- 8 SIDE RAMP, TURNTABLE AND TILTABLE INTERNAL RAMP FOR FAST EMBARKATION OF VEHICLES
- 9 HELIDECK AND HANGAR FOR WIDE RANGE OF HELICOPTERS
- 10 LARGE WELL DOCK SPACE FOR FAST LANDING CRAFT
- 11 STERN RAMP FOR LAUNCH AND RECOVERY OF LANDING CRAFT AND VEHICLES

PRINCIPAL SPECIFICATIONS	ENDURANCE 120	ENDURANCE 140	ENDURANCE 160	ENDURANCE 170
LENGTH	120M	140M	160M	170M
BEAM	21M	21M	25.6M	30.8M
DRAFT	5M	5M	5.8M	6.6M
RANGE	5000NM AT 12KNOTS	5000NM AT 12KNOTS	7000NM AT 15KNOTS	7000NM AT 15KNOTS
DISPLACEMENT	6800T	7600T	14500T	19000T
PROPULSOR	2 X CPP	2 X CPP	2 X CPP	2 X CPP
SPEED	15 KNOTS	17 KNOTS	20 KNOTS	20 KNOTS
LANDING CRAFT	2 LCVP, 2 LCM	2 LCVP, 2 LCM	2 LCVP, 2 LCM	2 LCVP, 2 LCM
HELICOPTER / UAV	1	2	5	5

#### CONFIGURABLE ITEMS

SENSOR SRS, FCR, EOD, IFF, ESM  
 WEAPON PRIMARY GUN, SECONDARY GUN  
 SELF-DEFENCE CHAFF, CIWS

#### ABBREVIATIONS

Close In Weapon System (CIWS), Combat Information Centre (CIC), Controllable Pitch Propeller (CPP), Electro-Optical Director (EOD), Electronic Support Measures (ESM), Fire-Control Radar (FCR), Identification Friend or Foe (IFF), Landing Craft, Mechanised (LCM), Landing Craft, Vehicle, Personnel (LCVP), Surveillance Radar System (SRS), Unmanned Aerial Vehicle (UAV)