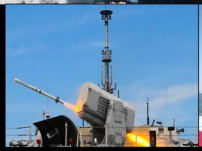
BLOCK

Littoral Combat Ship

The "NEW NAVY" of the 21st Century

SPECIFICATIONS

Displacement:	3,100 Tons
Dimensions:	377' Length, 58' Beam, 13-14' Draft
Main Machinery:	CODAG: 2 Rolls Royce MT-30 gas turbines, 2 Fairbanks Morse Colt-Pielstick, 16PA6B diesels, Rolls Royce Kamewa 153SII waterjets
Speed:	40+ Knots
Range:	3,500 nm @ 18 Knots
Complement:	Core Crew 40 Sailors, Aviation Detachment: 20 Sailors; Mission Package: 15 Sailors
Weapons:	MK 31 Rolling Airframe Missile System; MK 110 United Defense 57mm gun; M2 .50 cal machine guns; various small arms
Countermeasures:	2 Terma Soft Kill weapons systems, SRBOC Decoy Launching Systems, WBR-2000 Electronic Surveillance System
Combat Data System:	COMBATSS21
Radars:	EADS TRS-3D Air/Surface Search RADAR; Bridgemaster E S/X- Band Navaigation RADARs
Fire Control:	DORNA EO/IR System
Helicopters:	2 MII-60 R/S helicopters or 1 MII-60 R/S and 3 Firescout VTUAVs



LCS ships are manned by 40 officers and enlisted Sailors. LCS enlisted crew members are ESWS qualified Sailors, E4 and above, with a previous sea tour in the following ratings: QM, OS, IT, BM, MN, FC, GM, ET, EN, GSE, GSM, EM, DC, HM, LS, CS, and CMD SR CHIEF. USS Freedom is one of two classes of LCS platforms.

USS FREEDOM LCS-1

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