

# AUSTAL LCS 127



HULL NO: 618, 642, 700-707  
 DESTINATION: USA  
 INDEPENDENCE-VARIANT LITTORAL COMBAT SHIP

DELIVERED: 2009 - ONGOING

CLIENT: US NAVY

## PRINCIPAL DIMENSIONS

Construction	Hull and superstructure - aluminium alloy
Length overall	127.1 metres (419ft)
Beam overall	31.4 metres (104ft)
Hull draft (maximum)	4.5 metres (14ft)
Full Load Displacement	3,200 tonnes

## PAYLOAD AND CAPACITIES

Complement	
Core crew	40
Mission crew	36
Berthing	76
Maximum mission load	210 tonnes
Mission packages	ASW, SUW, MIW

## PROPULSION

Main engines	2 x GE LM2500 2 x MTU 20V 8000
Waterjets	4 x Wartsila steerable
Bow thruster	Retractable azimuthing

## PERFORMANCE

Speed	40 knots
Range	3,500 nm @ 16 knots
Operational limitation	Survival in Sea State 8

## MISSION / LOGISTICS DECK

Deck area	>2000 m <sup>2</sup>
Launch and recovery	Twin boom extending crane
Loading	Side ramp Internal elevator to hanger

## FLIGHT DECK AND HANGAR

Flight deck dimensions	2 x SH-60 up to SS-5 or 1 x CH-53
Hangar	Aircraft stowage & maintenance for 2 x SH-60 or 1 x H-60 & 3 x MQ-8

## WEAPONS AND SENSORS

Standard	1 x 57 mm gun 4 x .50 calibre guns 1 x SAM launcher 3 x weapons modules
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## WATERCRAFT OPERATIONS

11m RHIB launch & recovery

## COMBAT SYSTEMS

3D search radar, SeaRAM, MK110 57mm gun, EO/IR fire control, decoy launching system

## MISSION SYSTEMS

OpenCI open architecture total ship computing environment, ICMS combat management system, Bridgemaster integrated bridge

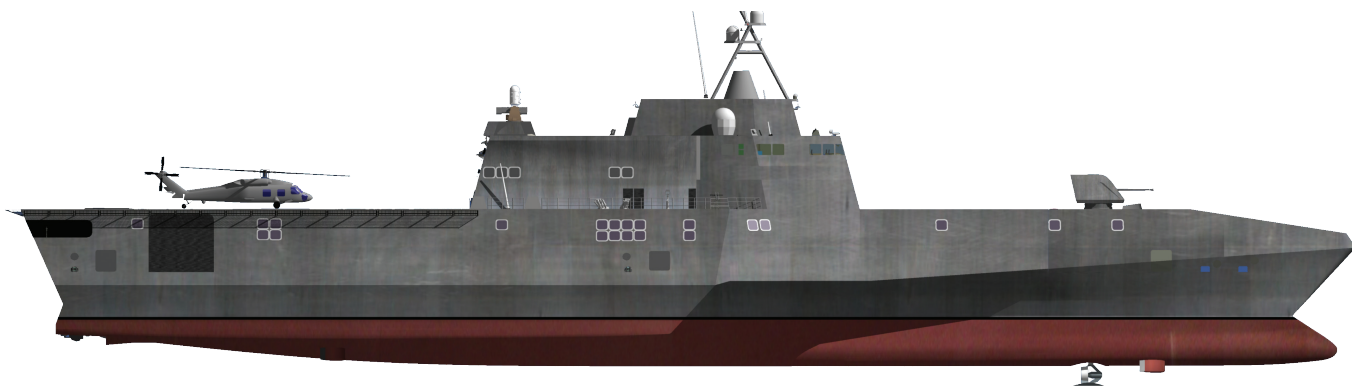
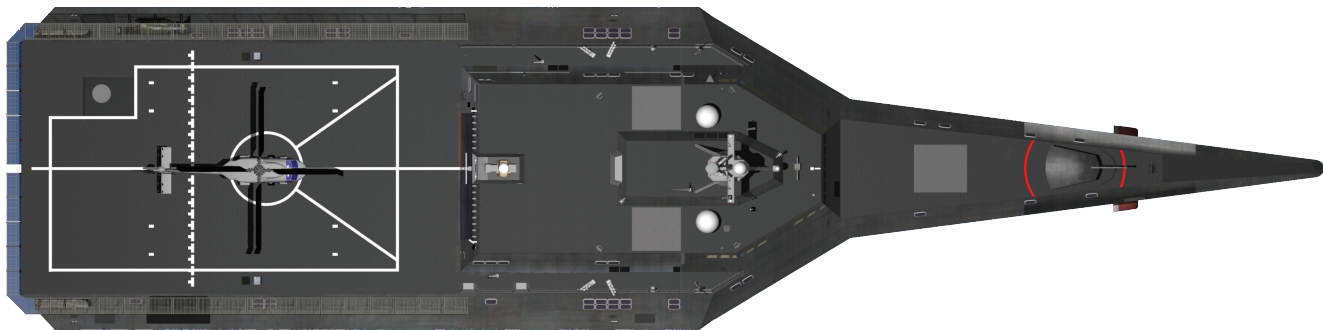
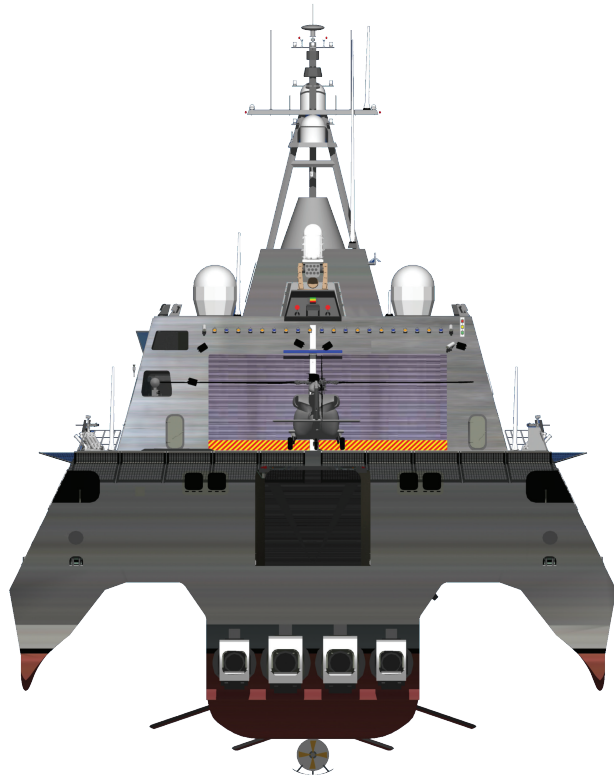
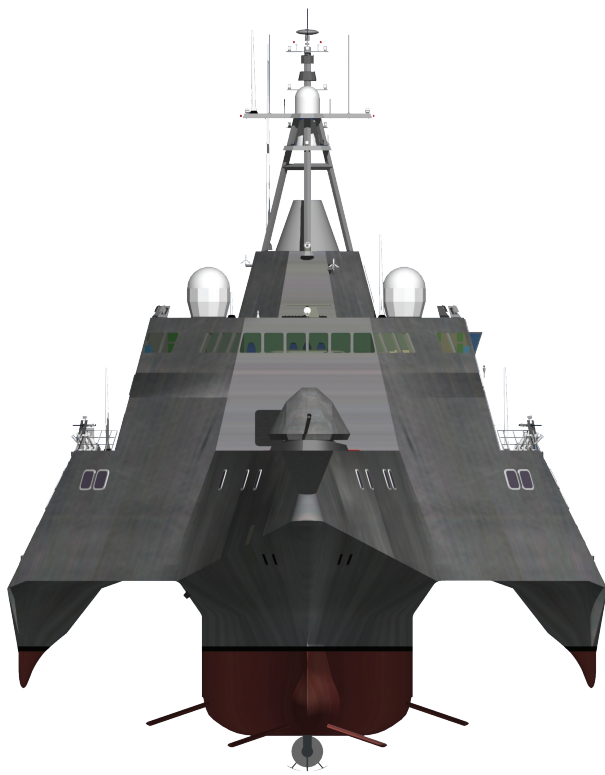
## MODULAR CAPACITY

Reconfigurable mission bay, open architecture Mission Package Computing Environment, 3 x weapons module stations



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Vessel type: 127m Littoral Combat Ship



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