



COASTAL CHEETAH

Survey/ROV Support/Utility/Support Vessel/Joystick Controlled (option)

The **COASTAL CHEETAH** is a multi utility vessel for survey, utility and logistics. Well proven and audited by several oil & gas companies, the vessel has been used extensively in the Far East, UAE and India. Coastal Cheetah serves as an ideal work platform for offshore ROV & Operations, Geotechnical investigation, Single/Multibeam & Geophysical Surveys. Her ability to accommodate 20 passengers, availability of a 8T SWL telescopic crane makes her ideal for utility operations and is a very sought after vessel in the area of her operation.

She has undergone Special Survey (Docking) in Aug 2009 during which extensive repairs, under class supervision were carried out, covering hull and machinery. Consequently she is in very good condition with all certificates valid till 2012.

TECHNICAL SPECIFICATION

PRINCIPAL PARTICULARS

Vessel Name : Coastal Cheetah
 Manager/Owner : Coastal Marine Construction & Engineering Marine & Offshore Pvt Ltd
 Builder : Tonoura Dock Co. Ltd., Miyazaki
 Year of Build : 1982 Japan
 Flag : Indian
 Port of Registry : Mumbai
 IMO No : 8210962
 Classification : Indian Register of Shipping

PRINCIPAL DIMENSIONS

Length Overall : 39.0 meters
 Breadth Molded : 9.5 meters
 Depth Molded to Main Deck : 3.6 meters
 Draft Loaded/Light : 3.23 meters / 1.74 meters
 DWT : 475 MT
 GRT : 391
 NRT : 117
 LOP : 35.0 meters

ACCOMMODATION

Total No. of Berths : 22 fully air conditioned
 Minimum no. of Crew : 12
 Maximum no. of Passengers : 10

NAVIGATION & COMMUNICATIONS

- 1 x Radar (FURUNO FR-1011 / FR-1942)
- 1 x SSB Radio (FURUNO FS-1562-15)
- 2 x VHF Radio (FURUNO FM-8500)
- 1 x Auto Pilot (KITAKO KITAX)
- 1 x GPS (FURUNO GP31)
- 1 x Magnetic Compass (SAURA)
- 1 x Echo sounder (FURUNO FE502 MARK-II)
- 1 x Navtex Receiver (NAV-5 GMDSS)
- 1 x Gyro (Sperry, Navigat MK - 11)
- 1 x Thrane & Thrane Mini M/Satcom-C MES SELCON-12
- 1 x GMDSS (FURUNO RC-1500-IT)
- 1 x C Nav 2000 / 2050
- 1 x Navigation Computer

INNOV OCEAN

MARINE ASSET MANAGEMENT

MACHINERY

Service Speed : 0 - 10 knots
Main Engines : Two (2) x Fuji 6M23C each rated
1000 Bhp
Auxiliary Engines : 1 x Mitsubishi S6B-MPTK
1 x Cummins MCS250-1, 275 KVA
Alternators : 2 x Shinko 200Kva 420V/3, PH/50 Hz
Bow Thruster : Electric Driven 110 KW, 1.7 Tons Thrust
Scandinavian CHR 110, Norway

PROPULSION SYSTEMS

- Two (2) x CPP in Kort nozzles

WORKING DECK LAYOUT

Deck Area : 200 M2

CARGO PUMP CAPACITY

Fuel Oil : 178 Tons
Potable Water : 119 CBM
Deck Cargo : 150 tons

CARGO PUMP CAPACITY3

Fuel Oil : 60 CBM/Hr @ 40 M head
Ballast / Freshwater : 28 CBM / Hr @30 M head
Portable Water : 60 CBM/Hr @40 M head

FIRE FIGHTING, SAFETY, RESCUE & OIL POLLUTION EQUIPMENT

Pump : 1 x 300 CBM/hr @120M head
Monitor : 2 x 230 Ltr/min @ 10 kgs/Sq Mtr
Educator : 1 unit each for Foam & Dispersant

HYDROGRAPHIC & SURVEY EQUIPMENT

(Survey mode) 20 ft Container with interfaces and LAN connection to bridge

- Kongsberg Simrad installation
- EA 400 Single Beam
- EM 3002 multi-beam units with motion reference unit, sound velocity profiler
- Single beam echo sounder EchoTrac MK 2
- Side Scan Sonar GeoAcoustics 159D
- 3 KJ Sparker Data Sonic BPR-510/127
- Boomer Applied Acoustics CSP-1500
- Magnetometer Geometries G881
- Sector Scan Mesotech MS 1000

REFRIGERATES STORES

Deep Freezer : 02 CBM
Cold Room : 02 CBM

STP Plant

Holding Tank Capacity : 2.8 m3
Capacity : 22 Persons



Specifications subject to change without notice.
Equipment and general layout on vessel will vary based on deployment
Integrated Bridge Navigation, Survey equipment and towing winch