



MV MAYA'S DUGONG TECHNICAL SPECIFICATIONS

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The MV Maya's Dugong is a versatile vessel that can be utilised for a variety of different maritime needs. Efficient and economical, this hybrid vessel boasts powerful lifting capacity, large deck space areas and modern equipment to handle a wide range of tasks at open sea.

MV Maya's Dugong Specifications

Vessel Details

Dimensions (Length/Beam/Draft):	43m/8.5m/4m
Built:	Ontario, Canada (1966) to Lloyd's 100A1 Class Renovated in 2005 (Norway) & 2007 (Spain)
Hull Construction:	Welded steel hull - Aluminium superstructure
Displacement:	375 tons
Inspections/Certifications	Fully compliant with flag state regulations/requirements Member of International P&I club Passed multiple CMID audits

Propulsion & Power

Primary Propulsion:	Diesel Yanmar 6AYM - WET 555bKW (HD)
Secondary Propulsion:	Aquamaster 200hp
Generator 1:	1x Iveco ifo 65 KVA
Generator 2:	1x Perkins 65 KVA
Generator 3:	1x Mercedes 145 KVA
Generator 3:	380v x 3 / 220v / 110v



MV Maya's Dugong Specifications

Speed, Economy & Capacity

Cruising Speed:	8NM
Maximum Speed:	10NM
Diesel Capacity:	70,000L
Consumption at 8NM (Cruising Speed)	2,000L per day
Consumption at 4-5NM	1,400L per day
Consumption on genset only	480L per day
Fresh Water Capacity:	20,000L (+2 desalination systems - produces 320L per hour)
Ballast:	30,000L
Grey Water:	10,000L
Oil/Water Separator (blackoil):	4,000L
Stern Working Space:	125 sq metres
Stern Crane:	50 ton/metre
Bow Working Space:	80 sq metres
Bow Crane:	2 ton/metre



MV Maya's Dugong Specifications

Navigation & Communications

Radar 1:	Furuno - 96nm (12kw)
Radar 2:	Furuno - 72nm (12kw)
GPS:	2x Furuno GP-31
Echo-Sounder:	Furuno Plotter
Weather Fax:	Furuno FCV 581
AIS:	Furuno dfax
Auto pilot:	Furuno
Magnetic Compass:	Roberston
Satellite Gyro Compass:	X2
Communication:	GMDSS Area 3
	Furuno
	2x Furuno fixed VHF fm 8500
	4x aicom portable VHF
	Radio telephone - Furuno ssb transceiver fs-1562 15
	Furuno dsc-60
	Fixed Sat Phone - Iridium scanti
	Portable Sat Phone - Iridium
	Inmarsat C: fax/e-mail/telex
	Inmarsat phone nera
	Fleet Broadband 250 (internet/e-mail/voice)



MV Maya's Dugong Specifications

Health, Safety, Security & Environment

The company and its vessels are registered and follow IMCA CMID and OCIMF OVID standards, for offshore operation and also ISM codes for ships exceeding 500 tons. The vessel operates according to the SMS (safety management system) detailing procedures for a variety of HSSE regulations and best practices.

Safety and Security Equipment:

- 2 X Life raft Zodiac 20 pax each
- 2 X Life raft Lalizas 12 pax each
- Life Jackets X 45
- Life rings X 6
- Man overboard X 3
- EPIRB
- SART
- Intercom and announcing systems
- Closed circuit TV (Decks/Eng room)
- CLS

Tender Configurations

Tenders: Various configurations are possible with multiple tenders to suit particular work profiles.

Available Tenders:

- 1x 7.5m semi-rigid w/2x100hp engines
- 1x 5.5m semi-rigid w/1x55hp engine
- 3x 5.5m rigid w/1x55hp engine



MV Maya's Dugong Specifications

Accommodation & Facilities

Diving: PADI-certified for Commercial & Leisure Diving
18 dive tanks & full sets of dive equipment
2 dive compressors

Crew: 10 crew members

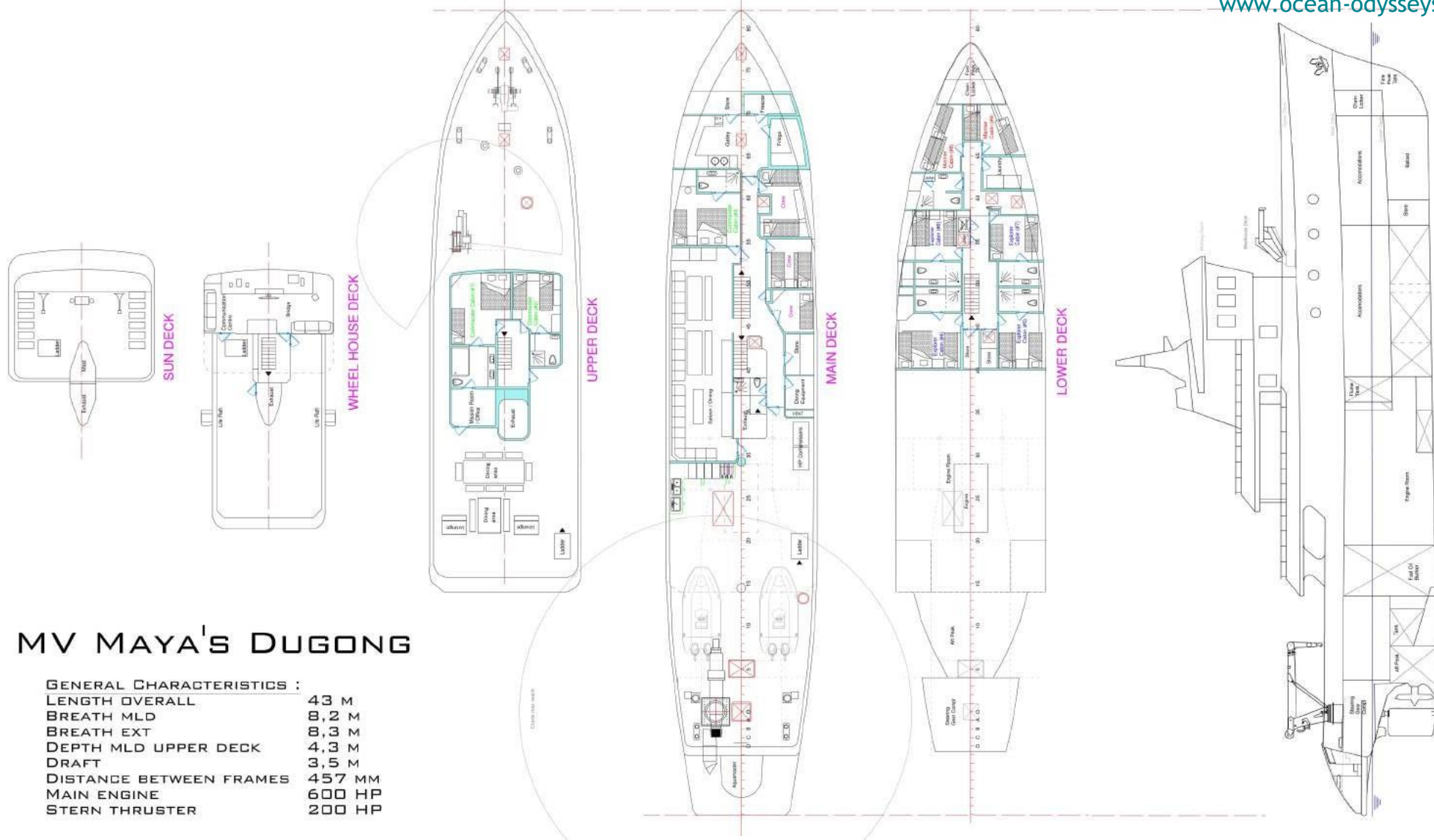
Accommodation: 7 en-suite cabins in two categories:
Commander cabins
Explorer cabins

Offering comfortable accommodation for up to 22
personnel (plus separate crew quarters)

Public Facilities: Fully air-conditioned dining room and saloon with
connection points for computers, and outdoor dining &
leisure deck



MV Maya's Dugong General Arrangements



MV MAYA'S DUGONG

GENERAL CHARACTERISTICS :	
LENGTH OVERALL	43 M
BREATH MLD	8,2 M
BREATH EXT	8,3 M
DEPTH MLD UPPER DECK	4,3 M
DRAFT	3,5 M
DISTANCE BETWEEN FRAMES	457 MM
MAIN ENGINE	600 HP
STERN THRUSTER	200 HP

				<small>This drawing cannot be copied, modified or distributed without prior consent from Silhouette Cruises Ltd. All intellectual property rights subsisting in this drawing are the property of Silhouette Cruises Ltd. Any patent applications, patents and/or design applications, registered designs, design rights or copyright arising from or contained in this drawing are also the property of Silhouette Cruises Ltd and all information therein must be held in the strict confidence.</small>		Maya's Dugong Oceanographic Vessel		GENERAL ARRANGEMENT			
02	07/06/10	SLA	Ozuyan Crane on back-deck and Grove crane on Fore-deck	SILHOUETTE CRUISES LTD		SHEET 1 OF 1		DATE	07/06/10	REVISION	2
01	14/10/09	SLA	HIAB 200 crane and wet labo implementation	DRAWN BY		Seib					
00	21/09/09	SLA	First Issue	APPROVED BY				DRG No. 0001			
REV	DATE	REVISED BY	COMMENTS	TEMPLATE		A2					