



# MV MAYA'S DUGONG TECHNICAL SPECIFICATIONS

The logo for Ocean Odyssey, featuring the word "ocean" in a lowercase sans-serif font, followed by a stylized white wave icon, and then the word "odysseys" in a lowercase sans-serif font.

ocean odysseys

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 on the 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 B&W 600hp  
Secondary Propulsion: Aquamaster 200hp

Generators: x2 Iveco ifo 65 Kva  
Mercedes 145 Kva  
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 (black oil):	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 & Environment

Although less than 500 gross tons, the vessel/company follows ISM codes according to ships exceeding 500 tons. The vessel has an SMS (safety management system) manual detailing procedures for a variety of HSE 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: 4x 5.5m rigid w/1x40hp 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

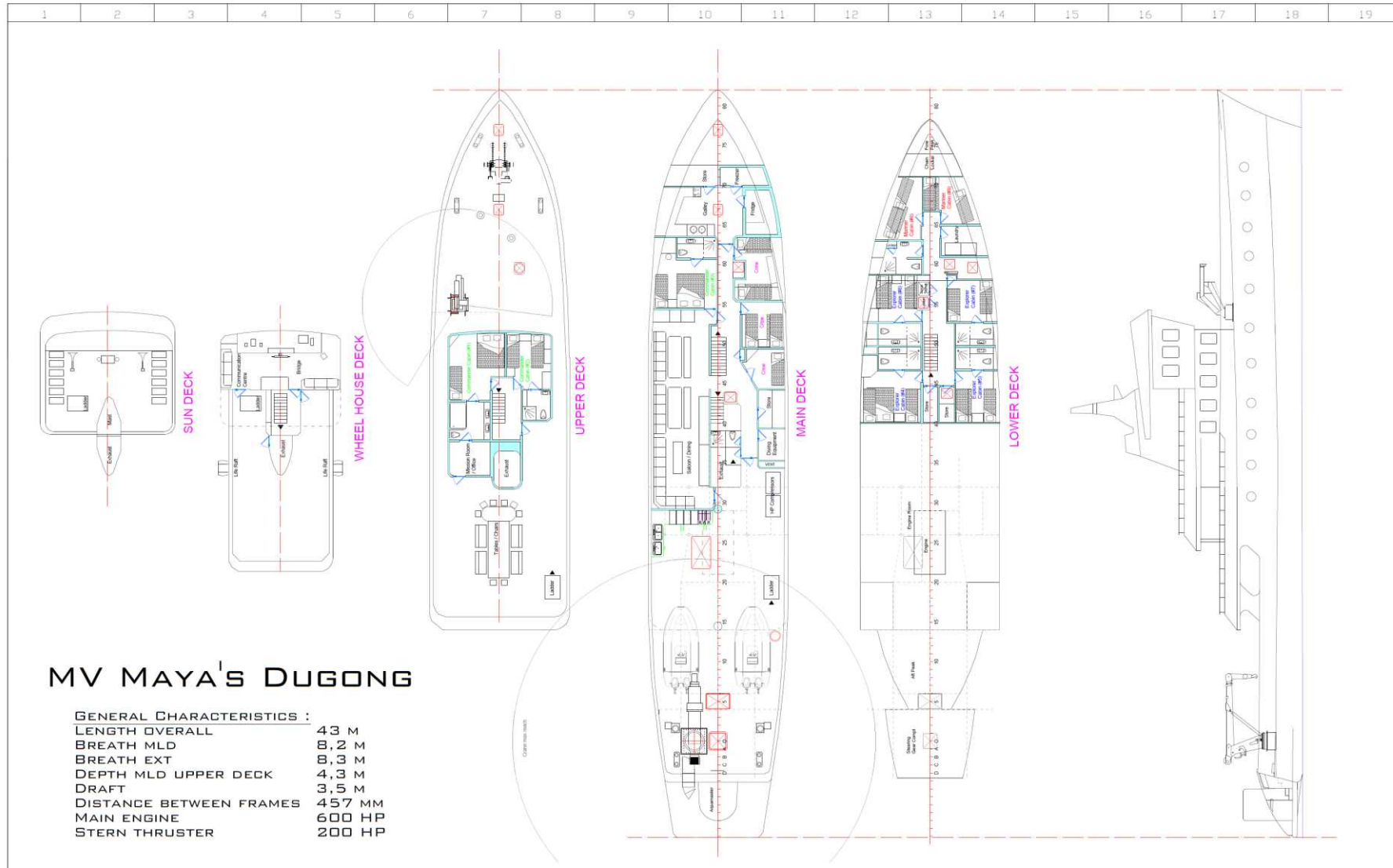
Crew: 10 crew members

Accommodation: 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

REV	DATE	REVISED BY	COMMENTS
01	07/06/10	SLA	Drayon Crane on back-deck and Grove crane on Fore-deck
02	14/10/09	SLA	HTAB 200 crane and wet labo implementation
03	21/09/09	SLA	First Issue

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TEMPLATE : A2

SILHOUETTE CRUISES LTD  
DRAWN BY: Seb

Maya's Dugong  
Oceanographic Vessel  
SHEET 1 OF 1  
APPROVED BY:

GENERAL ARRANGEMENT  
DATE 07/06/10  
REVISION 2  
DRG No. 0001