



# MV GENESIS

## GEOPHYSICAL, LIGHT GEOTECHNICAL & ENVIRONMENTAL SURVEY VESSEL

*NOTICE: Particulars are believed to be correct and subject to revision without prior notice. Interested parties must inspect vessel to check on suitability of the Company's equipment. Company has exercised due diligence to ensure that the data contained herein is reasonably accurate. However, the Company does not warrant the accuracy or completeness of the data. In no event shall the Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. All optional equipment for Charterers' usage shall be agreed by the Company. Updated as at 7 February 2023.*



# MV GENESIS

## TECHNICAL SPECIFICATIONS

### VESSEL SPECIFICATIONS

<b>Year Built</b>	2011
<b>Flag</b>	Betio, Kirabati
<b>Classification</b>	BV
<b>Vessel IMO Number</b>	9572305

### PRINCIPLE DIMENSIONS

<b>Length Overall</b>	60.0 m
<b>Beam</b>	16.0 m
<b>Maximum Draft</b>	4.85 m
<b>GRT / NRT (MT)</b>	1,642T

### COMMUNICATIONS

<b>NAVTEX</b>	NSR NVX-3000
<b>VHF/SSB</b>	2 x Sailor 6222 VHF-DSC
<b>Inmarsat – C1</b>	Furuno MES FELCOM 15 (LRIT)
<b>Inmarsat – C2</b>	Furuno MES FELCOM 15 (SSAS)

(Communications equipment are for safety compliance and Owner's usage only)

### PROPULSION & PERFORMANCE

<b>Main Engines</b>	2 x Cummins QSJ 2x2200 BHP@1800RPM
<b>Bow Thruster</b>	1 x Kamome CPP TCB
<b>Speed</b>	08 - 10 knots
<b>Endurance</b>	31 days

### NAVIGATION

<b>RADAR</b>	Furuno FAR 21x7, X-Band
<b>Gyro Compass</b>	2 x Anschutz STD-22
<b>GPS</b>	MX Marine MX420
<b>Doppler Speed Log</b>	Furuno DS-80
<b>Echosounder</b>	Furuno FE-700
<b>AIS</b>	Jotron, TR-8000

### DECK EQUIPMENT (OPTIONAL)

<b>Deck Crane</b>	1 x Marine ME 5T/8m
<b>Capstan</b>	2 x 6T SWL
<b>Moonpool</b>	2.4m x 2.4m
<b>'A' Frame</b>	10T SWL

### ELECTRICAL

<b>Generators</b>	2 main engine driven generators 875 kVA (700 kW), 415 V, 50 Hz 2 diesel generators 313 kVA (250 kW), 415 V, 50 Hz
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### SAFETY EQUIPMENT

<b>Rescue/MOB</b>	1 x davit launched
<b>Life Rafts</b>	4 x 25 Persons (Upgradable to 54 pax)
<b>Fire Detection</b>	Fireclass Precept EN 16Zone Panel

### ACCOMMODATION

<b>Bunk Capacity</b>	54 persons
<b>Sick Bay</b>	Provided

(Number of berths for Charterers' usage as per charter party agreement)

### CAPACITY(s)

<b>Fuel</b>	526m <sup>3</sup>
<b>Fresh Water/FWB</b>	690m <sup>3</sup> / 81m <sup>3</sup>
<b>Water Maker</b>	5m <sup>3</sup> /day

### DP1 SYSTEM

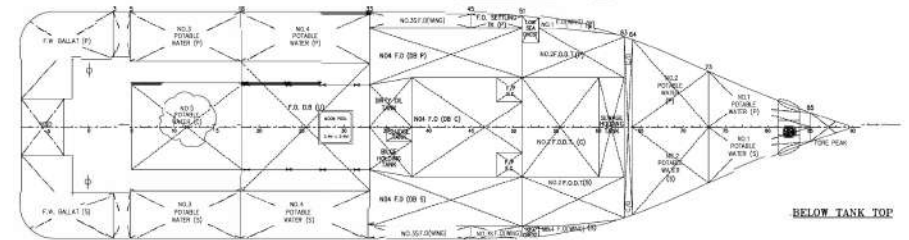
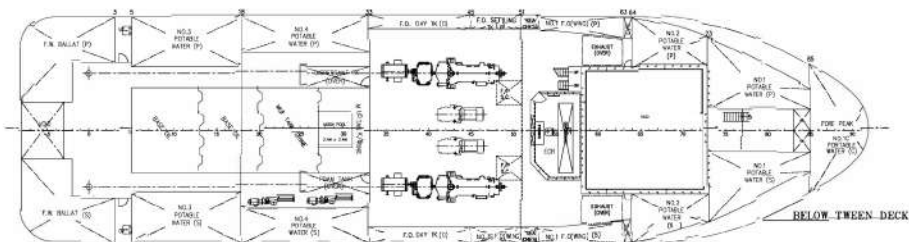
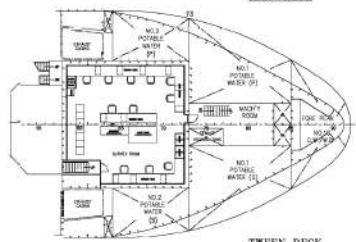
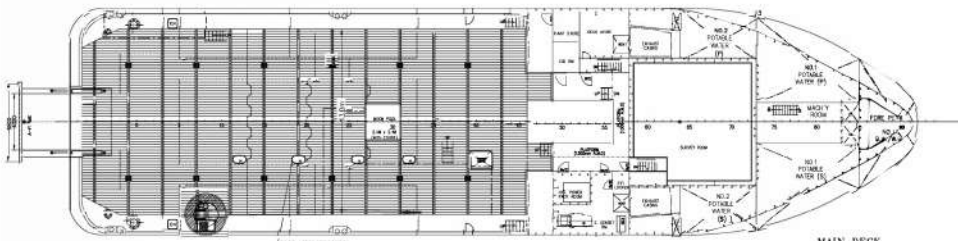
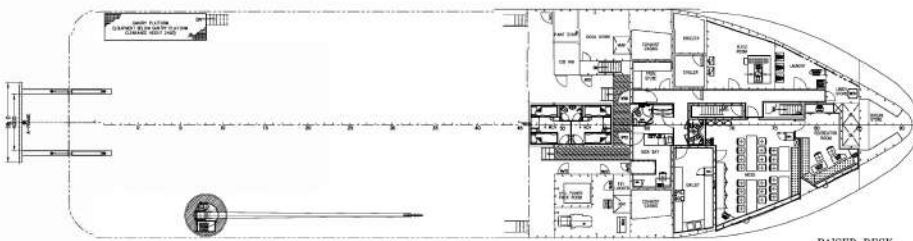
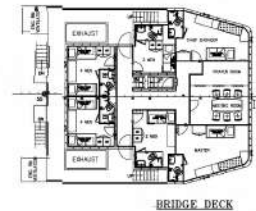
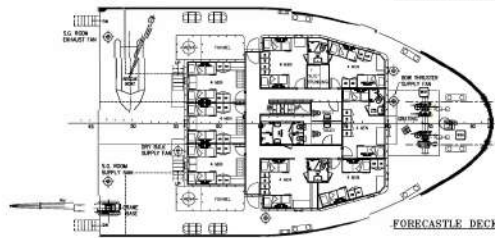
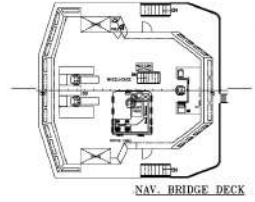
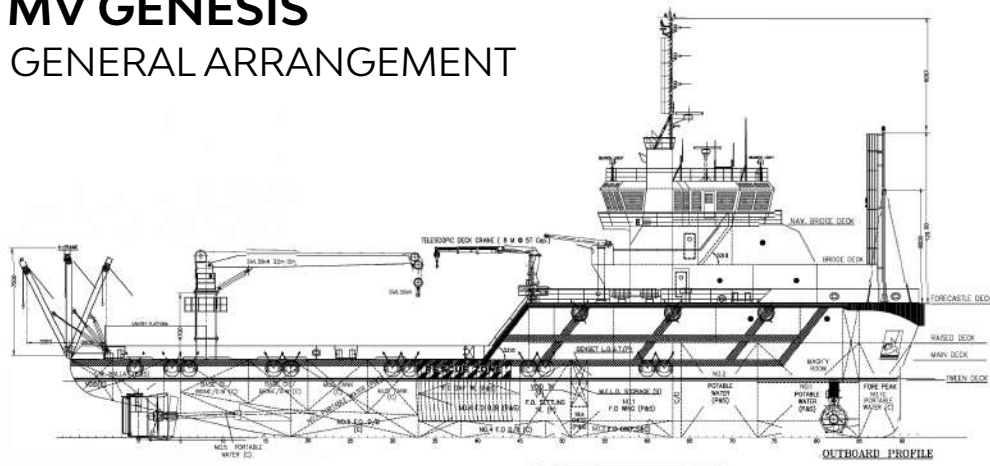
<b>DP Monitor</b>	x2
<b>DP Computer</b>	x2
<b>DGPS W/Display</b>	x2
<b>Wind Antenna</b>	x2
<b>UPS</b>	x2
<b>Gyrocompass</b>	x2

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# MV GENESIS

## GENERAL ARRANGEMENT



**Bureau Veritas Marine & Offshore**  
**Section** .....  
 Examined in order to check the compliance with the applicable requirements of  
**SOLAS, Ch II-2** .....  
 for modified part only .....  
 Approved on behalf of the administration of  
**KIRIBATI** .....  
 All particulars not shown on this document are assumed to be as per the requirements of the relevant code  
 Singapore, 16-Oct-2024  
 [Signature] .....  
 The plan approval office

**PRINCIPAL PARTICULARS**

LENGTH O.A	60.00m
LENGTH W.L	58.74m
BEAM MLD	16.00m
DEPTH MLD	5.50m
DRAFT DESIGNED/max	4.20m/4.83m
DWT	1150t/1650t
COMPLEMENT	5-6 MEN
POTABLE WATER	692m <sup>3</sup> (Approx)
F.O	522m <sup>3</sup> (Approx)
F.W.B.	61m <sup>3</sup> (Approx)
LIQUID MLD	
BASE OIL/BRINE/L.MLD	159m <sup>3</sup>
FOAM	10m <sup>3</sup>
DISPERSANT	10m <sup>3</sup>
DRY BULK	170m <sup>3</sup>
DIRTY OIL	11m <sup>3</sup>
BILGE HOLDING	11m <sup>3</sup>
DECK SPACE	400m <sup>2</sup> (approx)
DECK CARGO	600tonnes (approx)

Rev			
0	UPDATED BASED ON OWNER'S REQUIREMENTS.	17/02/2024	05
1	UPDATED BASED ON OWNER'S REQUIREMENTS.	01/02/2024	05
2	UPDATED BASED ON DVS COMMENTS LATEST SA (REV 0)	26/02/2024	05
3	FORE MAST ADDED REQUESTED BY CLIENT.	15/02/2024	05
4	NEW DECKS CANN ADDED ON MAIN DECK REQUESTED BY LINT.	12/02/2024	05
5	GENERAL UPDATED REQUESTED BY CLIENT.	30/11/2023	05
6	GENERAL UPDATED REQUESTED BY CLIENT.	27/10/2023	05
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 SINGAPORE 569895  
 E-MAIL: jmd@jenjosh.com

**TRINITY OFFSHORE PTE LTD**  
**EASTERNMARINE SHIPBUILDING SDN BHD**

Ship Name: **GENESIS**  
 Class ID: **BV12924A**

Project: **60M SPECIAL SERVICE SURVEY VESSEL**  
**GENERAL ARRANGEMENT**

Drawn: 05  
 Checked: Su  
 Proj No: J1041  
 Scale: 1:125  
 Date: 26/02/2022  
 SHEET No: 1 OF 1  
 Rev: 0

File name: J1041-05Rev 0A

PAPER SIZE: A1

