

## MV "REM MIRA"

**SHIP DESIGN**  
**CLASSIFICATION**  
**BUILDER**  
**PORT OF REGISTRY**  
**FLAG**  
**MMSI**  
**IMO NUMBER**  
**DELIVERY**  
**CALL SIGN**

**HAVYARD 832 L**  
**BUREAU VERITAS**  
**HAVYARD, HULL NO 110**  
**NASSAU**  
**BAHAMAS**  
**311 000 091**  
**9653989**  
**OCTOBER 2012**  
**C6AM8**

**OWNER:** Rem Offshore AS  
**REGISTERED OWNER:** Rem PSV AS

**MANAGER:** Rem Maritime AS  
 N-6090 Fosnavåg

### MAIN DIMENSIONS

LENGTH O.A	86.00m
LENGTH P.P	76.68m
BREADTH	17.60m
MAX DRAFT	6.37m
GROSS TONNAGE	3,361mt
NET TONNAGE	1,361mt
DEADWEIGHT	3,838mt
LIGHTWEIGHT	2,613mt

### CLASS NOTATIONS

**\*HULL\*MACH, SUPPLY VESSEL OIL RECOVERY SHIP**  
**-OIL PRODUCT, UNRESTRICTED NAVIGATION**  
**COMF-NOISE 3**                      **COMF-VIB 3,**  
**AUT-UMS,**                              **SYS-NEQ-OSV,**  
**CLEANSHIP SUPER,**                **DYNAPOS AM/AT R,**  
**SDS,**  
**ERN 99.99.99.99,**                    **NOFO 2009**



## OUTLINE SPECIFICATION

### MACHINERY AND PROPELLER PLANTS

Main Engines/Gen:	4x 1560kW CAT 3512
Emergency Generator:	1x 100kW Caterpillar
Main Propulsion:	2x 1600kW Schottel
FWD Tunnel Thrusters:	3x 880kW Brunvoll CPP

### CARGO CAPACITIES NOFO 2009

Deck Cargo:	2,500mt
Deck Area:	901m <sup>2</sup>
Deck Strength:	5mt/m <sup>2</sup>
Fuel Oil:	915m <sup>3</sup>
Liquid Mud (SG 2.8):	1,370m <sup>3</sup> , Agitators in all tanks
Brine (SG 2.5):	1,370m <sup>3</sup>
Base Oil:	145m <sup>3</sup>
Pot Water:	900m <sup>3</sup>
Drill Water/Ballast:	2,370m <sup>3</sup>
Methanol:	150m <sup>3</sup>
Glycol:	165m <sup>3</sup>
Slop:	50m <sup>3</sup>
Cement/Bar./Bent.:	340m <sup>3</sup>
ORO:	1,900m <sup>3</sup> , NOFO 2009

### ENVIRONMENT AND CARGO CONTROL PLANTS

Incinerator:	Prepared for.
Tank Cleaning:	Per Gjerdrum AS
Special Cargo Tanks:	Zink coated for Methanol
Inert Gas System:	N2 Generator
Cargo Manifolds:	Midships SB&PS and Aft

### NAVIGATION

Bridge Consoles:	Aft, Fwd and both Wings
Oper. Control Office:	Located on Bridge
Autopilot:	Simrad AP 50
DP System:	Kongsberg K Pos DP 2
Joystick System:	Kongsberg C-Joy Constant
DP Motion System 1:	Seatex MRU 2
DP Motion System 1:	Seatex MRU 5
DGPS:	2x Furuno GP 150
DGPS for DP system:	1x DPS 200 & 1 x DPS 232 (Kongsberg)
CyScan for DP System:	1x CyScan Laser
RadaScan:	1x ECW-28B-D525
Wind Sensor:	2x Kongsberg Maritime
Radar 1:	Furuno FAR 2837 S
Radar 2:	Furuno FCR 2827 Chart Radar
Echo Sounder:	Furuno FE 700
Gyro:	3x Simrad GC 80
Speed Repeater:	Skipper IR 300
VDR:	Furuno VR 3000
GPS:	2x Furuno GP 150
Bridge Watch:	Havyard Bridge Automation System
ECDIS:	Furuno Tecdis T - 2137
Speed log:	Skipper EML 224

### INDICATIVE SPEED & FUEL CONSUMPTION

Full speed:	14.5 knots, 16.8 mt/d
Service speed:	12.5 knots, 10.3 mt/d
Economic speed:	11.0 knots, 7.3 mt/d
DP operation:	1.3 mt/d at position keeping
Harbour mode:	0.9 mt/d

### CARGO HANDLING EQUIPMENT

1x TTS Marine GPK knuckle crane, SWL 3mt/13m
1x TTS Marine GPT telescopic jib, SWL 3mt/13m
2x 10mt Capstans aft
1x 10mt Capstan on B deck
6x Cargo Securing Winches, 3 on each side
2x Tugger Winch, 10mt Port and 15mt SB

### LIFE SAVING EQUIPMENT

Ship Certificate:	25 persons
Life Rafts:	4x 25 persons
MOB:	1x Mare GTC 700-2VD Redun.
MOB Davit:	1x Mare Safety
Survival Suits:	25 SOLAS Immersion Suits
	Survival suits according to rules

### COMMUNICATION

Navtex:	Furuno NX-700 B
Radar Transponder:	2x Jotron Tron SART
DSC Terminal:	Furuno FS-2570 C
AIS:	Furuno FA 150
EPIRB manual:	Jotron 45 SX
EPIRB Free Float:	Jotron Tron 40 S Mk II
Radio Station:	SSB, MF, HF, Furuno FS-2570 C
VHF Portable:	3x Jotron Tron TR 20 GMDSS
VHF Station:	Furuno FM-8800 S
UHF Portable:	5x Motorola GP 340
Inmarsat C:	Furuno Felcom 15
Intercom:	Zenitel ACM 144 66/VO
Sound System:	Vingtor VSS 111
Emergency:	Vingtor VSP 211 L
PA System:	Zenitel VPA 120, 240 and 400

Sat. Communication:	+47 55628154 /55
Mobile Phone NOR:	+47 46 85 77 57
Mobile Phone UK:	+44 77 47 74 15 85
Vessel E-Mail:	<a href="mailto:captain@mira.remoffshore.no">captain@mira.remoffshore.no</a>

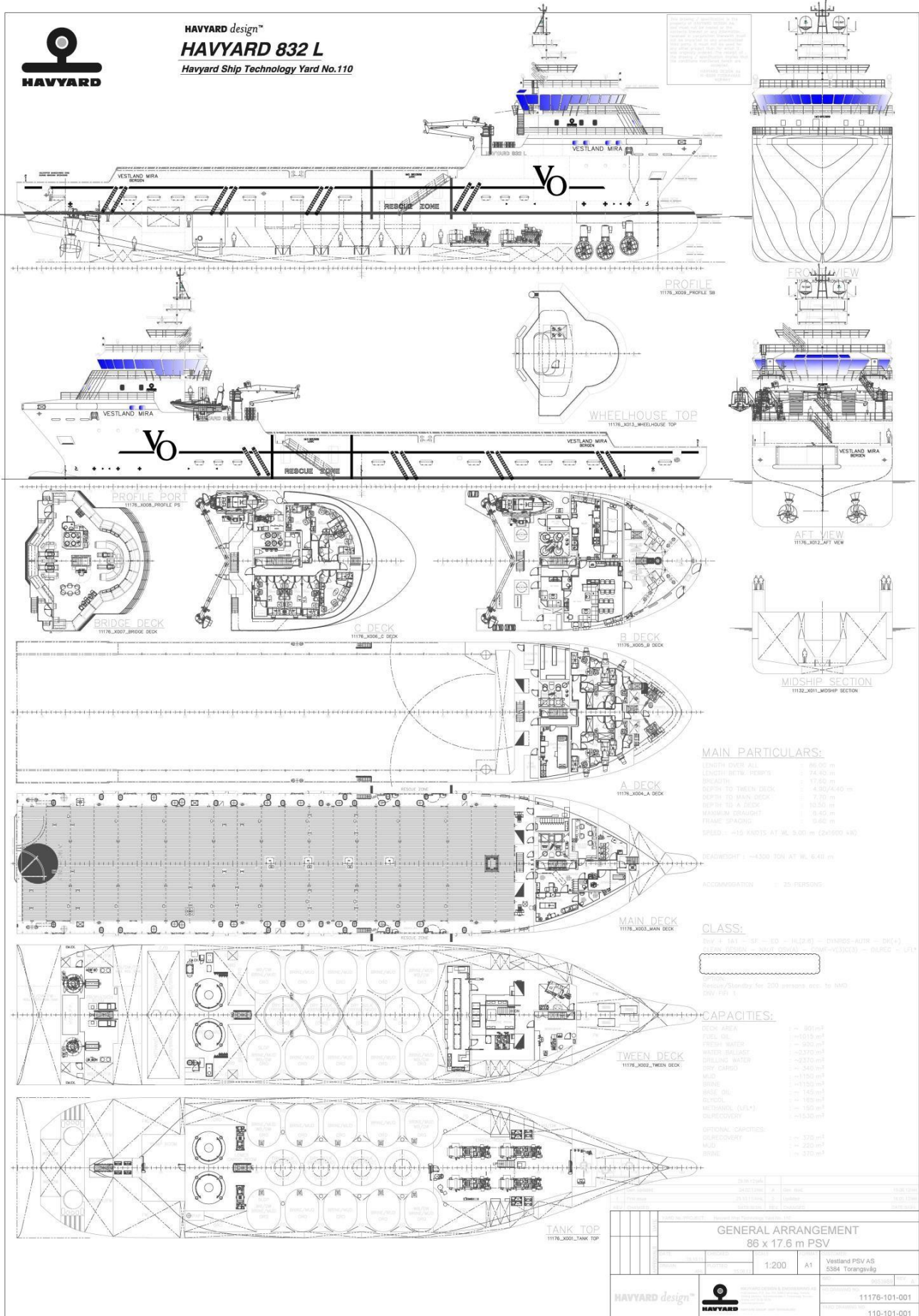
### ACCOMMODATION

Outfitted for 25 persons in spacious and comfortable facilities	
Single Cabins:	9 with bathrooms
Double Cabins:	4 with bathrooms
4 person Cabins:	2 with bathrooms
Hospital:	1 highest standard
Office:	1 fully outfitted
Day Room:	2 comfortable outfitted
Gymnasium:	1 fully outfitted
Entertainment:	In Day Rooms and all Cabins
Antiroll Tank:	Three off anti-roll stabilizing tanks



**HAVYARD design™**  
**HAVYARD 832 L**  
 Havyard Ship Technology Yard No.110

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**MAIN PARTICULARS:**

- LENGTH OVER ALL ..... 86.00 m
- LENGTH BETWEEN PERPS ..... 74.40 m
- BREADTH ..... 17.60 m
- DEPTH TO TWEEN DECK ..... 4.80/4.40 m
- DEPTH TO MAIN DECK ..... 7.20 m
- DEPTH TO A DECK ..... 10.50 m
- MAXIMUM DRAUGHT ..... 18.40 m
- FRONT DRAUGHT ..... 18.40 m
- SPEDS ..... 15 KNOTS AT 900 kW (24500 kW)

DEADWEIGHT ..... 4320 TON AT 9.40 m

ACCOMMODATION ..... 25 PERSONS

**CLASS:**

Sw 1 1A1 - SF - 50 - H(2-8) - DYNRES-AUTM - (DK+)   
 IACS CODES: HULL (H) - MACH (M) - DYNRES (D) - AUTM (A) - (DK+)   
 Remarks: Stability for 220 persons acc. to IMO   
 DKV 101

**CAPACITIES:**

- DECK AREA ..... 900 m<sup>2</sup>
- FUEL OIL ..... 1015 m<sup>3</sup>
- FRESH WATER ..... 400 m<sup>3</sup>
- WATER BALLAST ..... 2370 m<sup>3</sup>
- DRILLING WATER ..... 2370 m<sup>3</sup>
- DRY CARGO ..... 340 m<sup>3</sup>
- MUD ..... 1100 m<sup>3</sup>
- WASTE ..... 1100 m<sup>3</sup>
- BASE OIL ..... 150 m<sup>3</sup>
- SLURRY ..... 180 m<sup>3</sup>
- METHANOL (20%) ..... 180 m<sup>3</sup>
- SULPHUR OIL ..... 1630 m<sup>3</sup>

- OPTIONAL CAPACITIES
- DEBRIS OIL ..... 270 m<sup>3</sup>
- MUD ..... 220 m<sup>3</sup>
- WASTE ..... 270 m<sup>3</sup>

NO.	DESCRIPTION	UNIT	QTY	REMARKS
1	DECK AREA	m <sup>2</sup>	900	
2	FUEL OIL	m <sup>3</sup>	1015	
3	FRESH WATER	m <sup>3</sup>	400	
4	WATER BALLAST	m <sup>3</sup>	2370	
5	DRILLING WATER	m <sup>3</sup>	2370	
6	DRY CARGO	m <sup>3</sup>	340	
7	MUD	m <sup>3</sup>	1100	
8	WASTE	m <sup>3</sup>	1100	
9	BASE OIL	m <sup>3</sup>	150	
10	SLURRY	m <sup>3</sup>	180	
11	METHANOL (20%)	m <sup>3</sup>	180	
12	SULPHUR OIL	m <sup>3</sup>	1630	
13	OPTIONAL CAPACITIES			
14	DEBRIS OIL	m <sup>3</sup>	270	
15	MUD	m <sup>3</sup>	220	
16	WASTE	m <sup>3</sup>	270	

<b>GENERAL ARRANGEMENT</b>			
<b>86 x 17.6 m PSV</b>			
SCALE	PROJ. NO.	DATE	REV.
1:200	A1	1.200	1
DESIGNED BY		DRAWN BY	
CHECKED BY		APPROVED BY	
PROJECT NO.		SHIP NO.	
11176-101-001		11176-101-001	
HULL NO.		110-101-001	



**“Details believed to be correct and given in good faith, but without guarantee”**

