

# REM WIND



## Main Particulars

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Design Vard 419

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Built 2023

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Yard Vard

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Owner Rem Energy 2 AS

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Flag NIS

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Class DNV

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Deck

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DWT 5864 mt at max draught 5.60 m

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## Class Notations

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DNV GL 1A, Walk2work, DYNPOS(AUTR), Naut(AW), Clean(Design), Recyclable, COMF(V2, C2), E0, BIS, Battery(Power), SPS, LCS, Shore Power

## MV REM POWER

SHIP DESIGN	Vard 419
CLASSIFICATION	DNV
BUILDER	Vard
PORT OF REGISTRY	Fosnavåg
FLAG	NIS
MMSI	258133000
IMO NUMBER	9951422
DELIVERY	2023
OWNER:	Rem Offshore AS
REGISTERED OWNER:	Rem Energy 2 AS
MANAGER:	Rem Maritime AS N-6090 Fosnavåg

## MAIN DIMENSIONS

LENGTH O.A:	88,71m
LENGTH P.P:	79,20m
BREADTH:	19,5m
MAX DRAFT:	5,60m
GROSS TONNAGE:	5864mt
NET TONNAGE:	1783mt
DEADWEIGHT:	2536.7mt
LIGHTWEIGHT:	3404.80mt

## CLASS NOTATIONS

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## MACHINERY AND PROPELLER PLANTS

Main Engines:	4 x Caterpillar + ESS,
Total power:	2x 994 k W-1800 rpm 2 x 1785 Kw-1800 rpm 1x ESS -745 Kw
Emergency Generator:	1x Caterpillar Inc.; C 9 . 3 / 325 k W
Main Propulsion:	2 x Kongsberg PMAZM 2600 , 2000 k W each
Azimuth:	1 x Kongsberg TCNS100 -M-220, 1500 kW
Bow tunnel thruster:	2 x Kongsberg PMTT 2000, 1500 k W each

## INDICATIVE SPEED & FUEL CONSUMPTION

Full speed:	15.0 knots, 23 m3/ d
Economic speed:	11.0 knots, 12 m3/ d
DP operation:	5.0 m3/d at position keeping
St-by at field:	3 m3/d at one engine
Harbour mode:	2.1 m3/d one engine

## CARGO CAPACITIES\*

Deck Cargo Area:	440 m2
Warehouse Area:	370 m2
Deck Strength:	5 mt/ m2

Fuel Oil:	554.3 m <sup>3</sup>
Liquid Mud:	N/A
Brine:	N/A
Dry bulk:	N/A
Fresh Water:	700m <sup>3</sup>
Water Ballast:	1208.2 m <sup>3</sup>
TFW:	325,7m <sup>3</sup>
Methanol/ Special Product:	N/A
Base Oil:	N/A

#### **CARGO HANDLING EQUIPMENT**

1x kn. Boom crane FWD SEAONICS	SWL 15 mt/ 16m/2 Fall
1x kn. Boom crane AFT Red Rock	SWL 2 mt/ 12m
Mooring Winch	2x 12 mt
Windlass	2x 12 mt
Capstan	2x 10 mt
Tugger Winch PS/ SB	N/A
Cargo securing	D-rings, Pad eyes, Twist locks

#### **ENVIRONMENT AND CARGO CONTROL PLANTS**

Incinerator:	N/A
Dry Bulk Plant:	N/A
All pumps:	Allweiler AS
Hot water Boiler:	Pyro AS
Equipment on deck:	Palfinger AS
Tank Cleaning:	N/A
Special Cargo Tanks:	N/A
Cargo Manifolds:	FO 9m <sup>3</sup> /h – 5 bar

#### **NAVIGATION**

DP System:	DP-2 - Kongsberg K-pos DP-22
Joystick System:	Kongsberg DP Cjoy, IJ
DP Motion System:	3x MGC(1xMGC-R2, 2xMGC-R1)
Fanbeam:	-
RADius:	-
DGPS:	1 x DPS i2 & 1 x DPS i4
Wind Gauge:	3 x Gill Ultrasonic
Radar 1:	1 x Furuno FAR-3230S
Radar 2:	1 x Furuno FAR-3210
Echo Sounder:	1 x Furuno FE-800
Gyro:	3 x Kongsberg MGC Compass R
VDR:	1 x Furuno VR-7000
GPS:	2 x Furuno GP-170
ECDIS:	2 x Furuno FMD-3200/3200-BB
Autopilot:	1 x Raytheon Anschütz GmbH NautoPilot 5000

## **LIFE SAVING EQUIPMENT**

Ship Certificate:	120 persons
Life Rafts:	2 x 16, VIKING DKF+E
MOB boat:	1 x Palfinger Marine FRSQ 630 G - A-Deck-11 persons
MOB Davit:	2 x Palfinger Marine NPT85DL
Survival Suits:	3 x Full dry insulated Survival suits according to rules

## **COMMUNICATION**

Navtex:	SAILOR 6004 COBHAM
Radar Transponder:	2 x Jotron Tron AIS SART
DSC Terminal:	Sailor 6194
AIS:	Furuno FA-170
EPIRB manual:	Jotron Tron 60 AIS
EPIRB Free Float:	Jotron Tron 40 VDR
Radio Station:	Sailor 6301 SSB, MF/HF
VHF( Emerg) Portable:	3 x Tron TR30
VHF Station:	2 x Sailor 7224 COBHAM DSC 2x Sailor 6204
UHF Portable:	10 x Motorola 4801Ex
Inmarsat C:	1 x Sailor 6110
Intercom:	Alcatel-Lucent Enterprise
Sound System:	Jotorn Phontech 8300 MKIIIr
Emergency:	Vingtor Stentofon
PA System:	Bosch
Sat. Communication:	+ 42 58 13 315
Mobile Phone:	+ 47 97 16 20 14
Vessel E-Mail:	captain@power.remoffshore.no

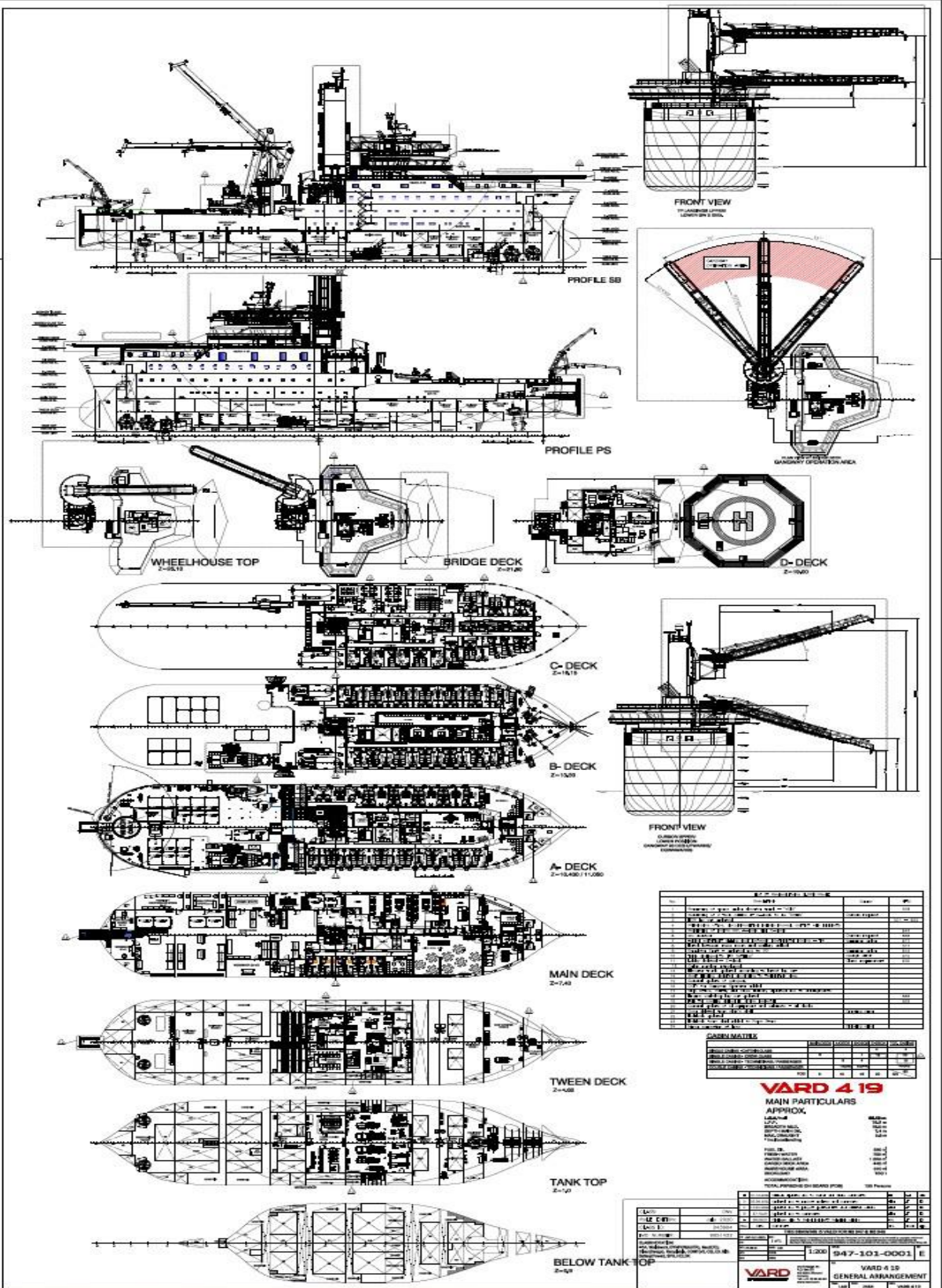
## **ACCOMMODATION**

Outfitted for 120 persons in spacious and comfortable facilities.

Single Cabins:	40 with bathrooms
Double Cabins:	40 with bathrooms
Hospital:	1 Highest standard
Office:	3 fully outfitted
Day Room:	2 comfortably outfitted
Gymnasium:	1 fully outfitted
Entertainment:	In Day Rooms, Conference Room, All Cabins and GYM
Antiroll Tank:	Tank 7 FWD Tank 5P/5S/6P/6S AFT

\*All tank capacities are 100% of net. volume

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



CARGO CAPACITY			
NO.	DESCRIPTION	WEIGHT	VOLUME
1	Deck cargo	10000	10000
2	Hold cargo	10000	10000
3	Deck cargo	10000	10000
4	Hold cargo	10000	10000
5	Deck cargo	10000	10000
6	Hold cargo	10000	10000
7	Deck cargo	10000	10000
8	Hold cargo	10000	10000
9	Deck cargo	10000	10000
10	Hold cargo	10000	10000
11	Deck cargo	10000	10000
12	Hold cargo	10000	10000
13	Deck cargo	10000	10000
14	Hold cargo	10000	10000
15	Deck cargo	10000	10000
16	Hold cargo	10000	10000
17	Deck cargo	10000	10000
18	Hold cargo	10000	10000
19	Deck cargo	10000	10000
20	Hold cargo	10000	10000
21	Deck cargo	10000	10000
22	Hold cargo	10000	10000
23	Deck cargo	10000	10000
24	Hold cargo	10000	10000
25	Deck cargo	10000	10000
26	Hold cargo	10000	10000
27	Deck cargo	10000	10000
28	Hold cargo	10000	10000
29	Deck cargo	10000	10000
30	Hold cargo	10000	10000
31	Deck cargo	10000	10000
32	Hold cargo	10000	10000
33	Deck cargo	10000	10000
34	Hold cargo	10000	10000
35	Deck cargo	10000	10000
36	Hold cargo	10000	10000
37	Deck cargo	10000	10000
38	Hold cargo	10000	10000
39	Deck cargo	10000	10000
40	Hold cargo	10000	10000
41	Deck cargo	10000	10000
42	Hold cargo	10000	10000
43	Deck cargo	10000	10000
44	Hold cargo	10000	10000
45	Deck cargo	10000	10000
46	Hold cargo	10000	10000
47	Deck cargo	10000	10000
48	Hold cargo	10000	10000
49	Deck cargo	10000	10000
50	Hold cargo	10000	10000

CARGO MATES			
NO.	DESCRIPTION	WEIGHT	VOLUME
1	Deck cargo	10000	10000
2	Hold cargo	10000	10000
3	Deck cargo	10000	10000
4	Hold cargo	10000	10000

**VARD 419**

MAIN PARTICULARS  
APPROX.

Length	100.00
Beam	12.00
Depth	10.00
Hold depth	8.00
Deck height	1.00
Deck width	10.00
Deck length	90.00
Deck area	900.00
Hold area	720.00
Hold volume	7200.00
Deck volume	9000.00
Hold capacity	7200.00
Deck capacity	9000.00
Total capacity	16200.00

GENERAL ARRANGEMENT	
NO.	DESCRIPTION
1	Deck
2	Hold
3	Deck
4	Hold
5	Deck
6	Hold
7	Deck
8	Hold
9	Deck
10	Hold
11	Deck
12	Hold
13	Deck
14	Hold
15	Deck
16	Hold
17	Deck
18	Hold
19	Deck
20	Hold
21	Deck
22	Hold
23	Deck
24	Hold
25	Deck
26	Hold
27	Deck
28	Hold
29	Deck
30	Hold
31	Deck
32	Hold
33	Deck
34	Hold
35	Deck
36	Hold
37	Deck
38	Hold
39	Deck
40	Hold
41	Deck
42	Hold
43	Deck
44	Hold
45	Deck
46	Hold
47	Deck
48	Hold
49	Deck
50	Hold