



REM SUPPORTER

IMO: 9482330

CONTACT DETAILS (NUMBERS ETC)

Call sign	5BCN3
5BCN3	
IMO Number	9482330
9482330	
V-Sat	+47 23411516
Bridge: +47 23411516 /17/18/19 (press 1) Captain: +47 23411516 /17/18/19 (press 3) ECR: +47 23411516 /17/18/19 (press 2)	
Inmarsat FBB	+881677105420 / Iridium Certus
Iridium Certus	
Masters mobile	+44 7823338233
UK Cellphone.	
E-mail Master	captain@supporter.remoffshore.no
E-mail C/O	choff@supporter.remoffshore.no
E-mail Bridge	bridge@supporter.remoffshore.no
E-mail C/E	chiefeng@supporter.remoffshore.no

VESSEL MAIN PARTICULARS

Vessel design	PSV 06 CD
Vessel name	Rem Supporter
Manager (DOC holder)	Rem Maritime AS
Owner	Rem Service AS
Vessel type	Offshore Supply Vessel
Class definition	1A1 Clean(Design) COMF(V-3) DK(+) DYNPOS(AUTR) E0 HL(2.8) LFL NAUT(OSV(A)) SF
Vessel built/ Delivered	24-Sep-2010
Yard	STX Norway / STX Romania
Yard no	733
Port of registry	Limassol
Flag state	Cyprus
Safe manning	9
Officers - 6 , Ratings - 3	
Next dry docking	24-Sept-2025

PRINCIPAL DIMENSIONS

LOA - Length OverAll (m)	94.9mtrs
LPP - Length betw. PerPendiculars (m)	84.9mtrs
Breadth mld (m)	20.00mtrs
Depth mld to main deck	8.00mtrs
Min. draft	4.0mtrs
Min operational draft is 4.5mtrs	
Summer draft	6.531mtrs
Air draft - Water line to vessel top-point (m)	27.27mtrs at max summer draft
Max height keel to mast top is 33.8mtrs	
Deadweight (DWT)	5166 mt
Lightship	3159 mt
Gross tonnage (GT)	4518
Net tonnage (NT)	1855

PERFORMANCE (VESSEL SPEED - FAIR WEATHER)

Full (Service) speed	15.3 knots
As per DNV - Certificate of Survey	
Economical speed	10.5 knots

PROPULSION / MAIN ENGINES

Main engines (no. & type)	4 x Caterpillar 3516C
Diesel engine output (each unit & total)	2,188 kW per one unit / 8,752 kW total
Generator output (each unit & total)	2,100 kW per one unit / 8,400 kW total
Propeller (no. & diameter)	2 x Azimuth Propellers / 4 blades / 3,200 mm
Drive type (shaft or diesel-electric)	Diesel-Electric

THRUSTERS / PROPELLERS (NO. & TYPE)

Bow thruster	2 x RRM TT 2200 880kw
Frequency Driven Electric Motor Fixed Pitch Propeller	
Azimuth thruster	1 x RRM TCNS-73/FP-180 880kw
Swing-Up Frequency Driven Electric Motor Fixed Pitch Propeller	
Stern thrusters	2 x RRM Aquamaster Contaz 15 2,200kw

GENERATORS (MAIN & AUX/ EM)

Main generators (no. & type)	4 x Caterpillar 3516C engines
4 x AvK DSG 86 M1/4 W.2100ekW,690V,60 Hz generators	
Main generators (no. & capacity)	4 x 2,188 kW engines
4 x 2,100 kW generators	
EM generator (no. & type)	1 x John Deere 6081AFM75 engine
1 x Stamford generator	
EM generator (no. & capacity)	1 x 195 kW engine
1 x 120 kW generator	

CARGO DECK DIMENSIONS AND CAPACITIES

Deck space	957.76 m2
Safety Zone areas + area below FRC platform + unusable area at forward end are to be deducted for the Usable deck area	
Usable deck space	885.3 m2
Deck space (wooden)	1082.4 M2
66 X 16.4 mtrs	
Deck length	56.57mtrs
usable	
Deck breadth	16.40mtrs
Deck strength	10 t/m2
Deck cargo capacity (tonnes)	3200mt
at 1mtr height	
Height of cargo rail	2.95mtrs
Height of cargo rail	295cm

AVAILABLE POWER SUPPLY ON DECK

Refrigerator outlets (no. & type)	14 x CEE Sockets
Standard Container Sockets	
Refrigerator outlets (no. & type)	4 x GHG 511 8306 R0001
Container Socket for Ex.Zone	
Refrigerator outlet capacity (V & amps)	14 x 440V/32A/3P+E
Standard Container Sockets	
Refrigerator outlet capacity (V & amps)	4 x 230V/16A/1ph
Container Socket for Ex.Zone	

TANK CAPACITIES (OVERVIEW)

Fuel oil (m3)	1091.7 m3
Ballast water (m3)	2488.0 m3
Tanks can be used for Drill Water.	
Fresh (potable) water (m3)	608 m3
This includes the pot water for the onboard use.	
Methanol	207.6 m3

LFL TANKS (METHANOL)

Tank capacity	207.6 m3
1 x 103.9 m3 & 1 x 103.7 m3	
Number of tanks	2
Pump capacities	75 m3/h
Pump type screw / centrifugal	Centrifugal
Inert gas system	Yes
Nitrogen	

FW SYSTEM (POTABLE WATER)

FW tanks (no. & capacity)	6
2 x 84.8 m3 , 2 x 103.9 m3 , 1 x 122.3 m3 , 1 x 108.3 m3 (domestic water for on board consumption is included in these volumes)	
FW pumps (no. type & capacity)	2
2 x 150 m3/h	

LIQUID MUD SYSTEM

Tank capacity	8 tanks / Total capacity 1504.2 m3
2 x 149.7 m3 / at 100% / 6 x 200.8 m3 / at 100% / NB! All 8 x Tanks have to be disconnected/separated from the Brime system.	
Number of tanks	8
Same tanks can be connected to Brine, MUD and Slop systems (8 x Brine/MUD or 2 x Slop).	
Pump capacity	75 m3/h
Pump type screw / centrifugal	Screw
Number of pumps	2
Possible to handle two types of mud simultaneously	Yes
2 x separate systems for Port and Starboard.	

FUEL OIL SYSTEM

FO tank (no. & capacity)	8 tanks / Total Capacity 1091.7 m3
4 x FO Tanks - TTL 547.5 m3 / at 100%/ + 4 x BO/FO Tanks / optional / - TTL 544.2 m3 / at 100%/	
FO pump (no. type & capacity)	2 x 250 m3/h Centrifugal Pumps
FO flowmeter (no. & type)	1 pcs, Mechanical Type with Remote IAS readings

DRY BULK SYSTEM

Tank capacity	403.8 m3
6 x 67.3 m3	
Number of tanks	6
Compressor capacity	31 m3/h
2 x 31 m3/h at 5.6 Bar	
Segregated system	Yes
3 x Tks (cement) & 3x Tks (barite); One common vent line for both systems.	
Air dryer	Yes
One for each compressor	

BASE OIL SYSTEM

Tank capacity	544,2 m3 / at 100%/
489,78 m3 /at 90%/	
Number of tanks	4
2 x 133,2 m3 / at 100%/ 2 x 138,9 m3 /at 100%/ NB! All 4 x Tanks have to be disconnected/separated from the FO system.	
Pump capacity	2 pumps @ 75m3/h each

BRINE SYSTEM

Tank capacity	8 tanks / Total capacity 1504.2 m3
2 x 149.7 m3 / at 100%/ 6 x 200.8 m3 / at 100%/ NB! All 8 x Tanks have to be disconnected/separated from the MUD system.	
Number of tanks	8
Same tanks can be connected to Brine, MUD and Slop systems (8 x Brine/MUD or 2 x Slop).	
Pump capacity	100 m3/h
Pump type screw / centrifugal	Screw
Number of pumps	2
Possible to handle two types of brine simultaneously	Yes
2 x separate systems for Port and Starboard.	

SPECIAL PRODUCTS DESCRIPTION

Number of tanks	2
-----------------	---

See Methanol system for reference. There is no separate system for Special products.

SLUDGE TANKS DESCRIPTION

Number of sludge tanks	3
------------------------	---

INCINERATOR DESCRIPTION

Incinerator type	"DELTA" Marine Incinerator, Type IRLA-30
------------------	--

WINDLASS / ANCHOR WINCH

Type	OBW 7020 46K3 / Electric
------	--------------------------

Cable lifter hoisting speed / pull	15m/min
------------------------------------	---------

Cable lifter Lowering speed	15m/min
-----------------------------	---------

Anchor type	M-SPEK
-------------	--------

Anchor chain stb (length & diameter)	9 shackles / 46mm
--------------------------------------	-------------------

Anchor chain port (length & diameter)	10 shackles / 46mm
---------------------------------------	--------------------

Mooring drum capacity / pull	Pull - 20T
------------------------------	------------

DYNAMIC POSITION (DP) SYSTEM

DP Class definition	DP2
---------------------	-----

DP2

Type	Kongsberg KPOS DP-21
------	----------------------

Kongsberg KPOS DP-21

DGPS - Differential Global Satellite Positioning (no. & type)	2
---	---

1 x Kongsberg Seatex DPS 232 1 x Kongsberg Seatex DPS 112

Diff correction	4
-----------------	---

IALA, Inmarsat, Spotbeam, G2 Demodulators SeaStar 3610 for the Inmarsat and Spotbeam corrections

Fan beam (laser)	1
------------------	---

MDL

Radius	1
--------	---

RADius 1000 Dual

Original FMEA	1
---------------	---

Latest FMEA : issued 05-Jan-2022 - Rev.02 (by Boatlabs)

NAVIGATION EQUIPMENT (NO. & TYPE)

X-band Radar	1
FURUNO FAR-3320	
S-band Radar	1
FURUNO FCR-2837S	
Electronic chart system	2
2 x TECDIS (TELCO ECDIS)	
Autopilot	1
Anschutz Pilotstar D	
GPS	2
FURUNO GP-150	
Echosounder	1
FURUNO FE-700	
Gyro compass	3
3 x Anschutz STD-22	
Wind gauge	2
2 x WindObserver II Ultrasonic Anemometer	
Speed log (no. & type)	1
FURUNO DS-80 Doppler Speed Log	
AIS - Automatic Identification System (no. & type)	1
FURUNO FA-150	
VDR Voyage Data Recorder	1
FURUNO VR-3000	

COMMUNICATION EQUIPMENT (NO. & TYPE)

MF/HF - Medium / High frequency (no. & type)	1
SAILOR 6300	
Jotron/ Tron - GMDSS handheld emergency VHF	3
JOTRON TR20	
VHF - Very High Frequency (no. & type)	4
2 X SAILOR RT2048 ; 2 X SAILOR RT6222	
VHF DSC	2
SAILOR RT6222	

COMMUNICATION EQUIPMENT (NO. & TYPE)

VSAT [type & data allowances (GB)]	1
Navtex	1
FURUNO NX-700	
EPIRB - Emergency Position Indicating RadioBeacon (no. & type)	2
2 x JOTRON TRON 60S	
SART - Search And Rescue Transponder (no. & type)	2
2 x JOTRON TRON SART20	
Mobile phone (Master)	1
Mobile UK : +447823338233	
Inmarsat C (no. & type)	2
2 x SAILOR 3027/6018	

ACCOMMODATION CAPACITIES

Total number of bunks	25
Crew single cabins	15
Crew double cabins	5
on "B" Deck	
Mess room / Recreation rooms	3
1 x Mess room 2 x Recreation rooms All three on "A" Deck	
Gymnasium (no. & description)	1
On Main Deck	
Hospital (no. & description)	1
On Main Deck	
Offices (no. & description)	2
On "C" Deck	
Offices (no. & description)	2
On "C" Deck	

LIFE-SAVING APPLIANCE (LSA)

MOB boat (no. type & capacity)	1
NORSAFE MIDGET 500 MK II OUTBOARD / 6 pers.	
Liferafts (no. type & capacity)	4 x 25pers

LIFE-SAVING APPLIANCE (LSA)

Type : Viking 25DK+

Lifejackets (no. & type) 29

Offshore Lifejacket Type IPFD (Regatta Kon Tiki)

Survival suits (no. & type) 29

Immersion suit / Hansen Protection - Sea Nordic

MOB-boat suits (no. & type) 3

Immersion suit / Hansen Protection - Sea Nordic

ACCREDITATION (STANDARDS)

ISM cert 19-Jan-2022

ISPS cert 19-Jan-2022

FMEA 5-Jan-2022

SHIP CRANES (EXCEPT OFFSHORE CRANE) DESCRIPTION

Provision crane (capacity & type) 2 cranes

Port side: MacGregor HMC 886L 20-10 , SWL=2T ; Stbd side : MacGregor HMC 1077 LK 30-10 , SWL=3T
