



ARIES



MAIN PARTICULARS

Flag	Mexico
Official No.	04014532377
Year Built	2018
Length Overall	85.00 M
Length BP	77.750 M
Breath Moulded	22.00 M
Depth Moulded	8.00 M
Draft Moulded	6.30 M
Deadweight	3100 T
Gross Tonnage	4941 T
Trial Speed	10 knots
Moon pool	8.00M x 8.00M
Heli- Deck	Capable of the reception of a Sikorsky S61
Class Notation	DNV +1A Fire Fighter(I) Offshore service vessel DPS(2) E0 HELDK SPS Strengthened(DK)

CARGO CAPACITIES

Clear Deck Area	308 M ²
Deck Cargo	350T
Deck Loading	7.5 T/M ²
Fuel Oil	1150 M ³
Fresh Water	740 M ³
Drill Water/Water Ballast	1750 M ³
Mud/Brine	415 M ³
Heeling	450 M ³
Dry Bulk Cement	226 M ³
(4 x 2000ft³)	

DP SYSTEM

ARIES has a Dynamic Position System class 2, Kongsberg K-POS 21, DP Console Kongsberg/K-pos DP (2), C-Joy and C-Wing (independent joysticks), with 5 reference systems based on five different principles (1) RADIUS, 2x DGPS, 1 CySCAN, (1) HIPAP & Taut Wire (1).

**ARIES****COTEMAR**

SHIP PARTICULARS

PROPULSION /MACHINERY

Main Engine	2 x 2206KW @800rpm, Niigata 6L28AHX
Propulsion system	2 x Azimuth thruster
Bow Thruster	2 x 800KW, transverse type Kawasaki. 12T thrust CCP
Main Generator	3 x 800 KW, diesel driven, Caterpillar
Shaft Generator	2 x 1500KW, ABB
Emergency Generator	1 x 192kW, 415V/50Hz, Cummins

CARGO DELIVERY RATES

Fuel Oil	2 x 150M ³ /hr @ 75M head
Fresh Water	1 x 150M ³ /hr @ 75M head
Drill Water	1 x 150M ³ /hr @ 75M head
Mud	2 x 70M ³ /hr @ 85M head
Bilge	2 x 75M ³ /hr @ 60M head
GS/Fire	1 x 100M ³ /hr @ 75M head
Sludge	1 x 5M ³ /hr @ 29M head
Ballast	1 x 200M ³ /hr @100M head

ACCOMMODATION

7 x 1 man cabin	7 men
11 x 2 men cabin	22 men
33 x 4 men cabin	132 men
3 x 5 men cabin	15 men
4 x 6 men cabin	24 men
13 x 8 men containers	104 men
Total:	304 men
Chiller	35M ³ (aprox.)
Freezer	35 M ³ (aprox.)

Offices • Mess Rooms • Gymnasium • Gallery

LIFE SAVING EQUIPMENT

Life Raft	32 x 25 men
Life Buoy-ring	12 sets
Lifejackets	370 sets
Fireman Outfit	6 sets
EEBD	8 sets
MOB-Light Smoke Signal	4 sets
First Aid Kit	1 set
Lifeboat c/w davit	2 x 75 men
Air Breathing Apparatus	6 sets

SUPPLY & DRAINAGE PLANT

FW Hydrophone Plant & pump	2000L/ 2x10M ³ /hr @ 60M head
SW Hydrophone Plant & pump	2000L/ 2X10M ³ /hr @ 60M head
Sewage Holding & Treatment	For 304 persons
Freshwater Maker	2 x reverse osmosis type of 30t/day
Oily Bilge Water Separator	1 x 1.2M ³ /hr with oil content <15ppm
Hot Water Calorifier	2 x 80KW of 1000L c/w 2 circulating pumps

DECK / AHT EQUIPMENT

Windlass	1 x electro hydraulic type of 16T @ 12M/min for 58mm dia. Chain
Capstan	2 x electro hydraulic type of 10T @ 15M/min
Anchor	2 x high-hold type, stowed in anchor- Pockets each of 3240kg
Tugger Winch	2 x electro-hydraulic type of 10T @ 15M/min
Cargo Rail	300 mm N.B. heavy pipes shall be Provided on main deck (P&S) Approx. 2500mm to top of pipes
Main Crane	1 x electro hydraulic driven crane of 100T @15M with AHC Function
Deck Crane	1 x marine crane of 3T SWL @14.0M
Gangway	1 x aluminium gangway about 6.0M

NAVIGATION EQUIPMENT

X-band radar range 96NM	1 set
S-band radar range 96NM	1 set
Echo Sounder	1 set
GPS Plotter	1 set
Gyro Compass	3 sets
Magnetic Compass	1 set
Autopilot & Steering Gear	1 set
Weather Facsimile Receiver	1 set
Doppler Speed Log	1set
AIS	1 set
MF/HF Transceiver (GMDSS)	1 set
Satellite EPIRB (GMDSS)	1 unit
ECDIS	1 station
2-way Portable VHF radios	3 units
SART	2 sets
Navtex Receiver (GMDSS)	1 unit
Anemometer	3 units

INTERNAL FIRE FIGHTING SYSTEM

CO2-Fire Extinguishing & Smoke Alarm System	Provided in engine room
Fixed Pressure Water Spraying and Mist Fire Extinguishing	Main Engine Room
Firemain	1 x Firemain, 12 x hydrants
Fire Blankets	2 off
Fire Axe	1 off

EXTERNAL FIRE FIGHTING SYSTEM

External FiFi-1 c/w water spraying system	
Fire Monitor	2 x 2200 M ³ /hr @ 130M
Fire Pump	2 x 2000 M ³ /hr @ 14 bar
Sea Chests	2 x independent type
Foam tank capacity	20 M ³
Dispersant Capacity	20 M ³

Address

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