



# ARIES



MMSI: 572612220 / INM-C: 457200066 - 457200067

## MAIN PARTICULARS

<b>Flag</b>	Mexico
<b>Official No.</b>	04014532327
<b>Year Built</b>	2018
<b>Length Overall</b>	85.00 M
<b>Length BP</b>	77.750 M
<b>Breath Moulded</b>	22.00 M
<b>Depth Moulded</b>	8.00 M
<b>Draft Moulded</b>	6.30 M
<b>Deadweight</b>	3100 t
<b>Gross Tonnage</b>	5419 t
<b>Trial Speed</b>	10 knots
<b>Moon pool</b>	8.00M x 8.00M
<b>Heli- Deck</b>	Capable of the reception of a Sikorsky S61
<b>Main Crane</b>	1 x electro hydraulic driven crane of 100T @15M with AHC Function
<b>Deck Crane</b>	1 x marine crane of 3T SWL @14.0M
<b>Class Notation</b>	DNV +1A Fire Fighter(I) Offshore service vessel DPS(2) E0 HELDK Strengthened(DK)

## CARGO CAPACITIES

<b>Clear Deck Area</b>	344 M <sup>2</sup>
<b>Deck Cargo</b>	350T
<b>Deck Loading</b>	7.5 T/M <sup>2</sup>
<b>Fuel Oil</b>	1150 M <sup>3</sup>
<b>Fresh Water</b>	740 M <sup>3</sup>
<b>Drill Water/Water Ballast</b>	1750 M <sup>3</sup>
<b>Mud/Brine</b>	418 M <sup>3</sup>
<b>Heeling</b>	449.9 M <sup>3</sup>
<b>Dry Bulk Cement</b> (4 x 2000ft <sup>3</sup> )	226 M <sup>3</sup>

**ARIES****COTEMAR**

## SHIP PARTICULARS

## PROPULSION /MACHINERY

<b>Main Engine</b>	2 x 2206KW @800rpm, Niigata 6L28AHX
<b>Propulsion system</b>	2 x Azimuth thruster
<b>Bow Thruster</b>	2 x 800KW, transverse type Kawasaki. 12T thrust CCP
<b>Main Generator</b>	3 de 830kW, 415V/ 50 Hz, Diesel, Caterpillar C32
<b>Shaft Generator</b>	2 x 1500KW, ABB
<b>Emergency Generator</b>	1 de 192 kW, 415V/ 50 Hz, Cummins

## CARGO DELIVERY RATES

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

## ACCOMMODATION

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

Offices • Mess Rooms • Gymnasium • Gallery

## LIFE SAVING EQUIPMENT

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

## SUPPLY &amp; DRAINAGE PLANT

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

## DECK / AHT EQUIPMENT

<b>Windlass</b>	1 x electro hydraulic type of 16T @ 12M/min for 58mm dia. Chain
<b>Capstan</b>	2 x electro hydraulic type of 10T @ 15M/min
<b>Anchor</b>	2 x high-hold type, stowed in anchor- Pockets each of 3240kg
<b>Tugger Winch</b>	2 x electro-hydraulic type of 10T @ 15M/min
<b>Cargo Rail</b>	300 mm N.B. heavy pipes shall be Provided on main deck (P&S) Approx. 2500mm to top of pipes

## NAVIGATION EQUIPMENT

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

## INTERNAL FIRE FIGHTING SYSTEM

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

## EXTERNAL FIRE FIGHTING SYSTEM

### External FiFi-1 c/w water spraying system

<b>Fire Monitor</b>	2 x 2200 M <sup>3</sup> /hr @ 130M
<b>Fire Pump</b>	2 x 2000 M <sup>3</sup> /hr @ 14 bar
<b>Sea Chests</b>	2 x independent type
<b>Foam tank capacity</b>	20 M <sup>3</sup>
<b>Dispersant Capacity</b>	20 M <sup>3</sup>

## Address

Avenida Paseo de la Reforma #483  
 Piso 52 Colonia Cuauhtemoc  
 Zip Code 06500 Ciudad de Mexico, Mexico

[contact@cotemar.com.mx](mailto:contact@cotemar.com.mx)  
[www.cotemar.com.mx](http://www.cotemar.com.mx)

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