



Name of Vessel

CM Greta

Port of Registry / Flag

Majuro / Marshall Islands

Year of Delivery

2006

Type

5150 Anchor Handling/Supply Vessel (DPS1)

Classification

American Bureau of Shipping

Length over all (LOA) 59.25m

Breadth (Moulded) 14.95m

Depth (Moulded) 6.10m

Draft (Max) 5.00m

Draft (Design) 4.95m

GRT / NRT

16771 / 503T

Speed (Max) / Consumption

12.5 knots / 16m³ (24 hrs)

Service Speed / Consumption

10 knots / 13.5m³ (24 hrs)

Economical Speed / Consumption

9 knots / 12m³ (24 hrs)

Bollard Pull 64 MT

Accommodation

All cabins fully air-conditioned & c/w attached washroom

Berths 42

Cargo Capacities

Deck Cargo 550 mt

Deck Strength 7.0 mt/m² uniform loading

Clear Deck Area - 360m²

Drill Water - 263m³

Fresh Water - 360m³

Fuel Oil - 483m³ @ 90%

Sewage - 122m³ @ 90%

Liquid Mud - 333m³ @ 90% plus tank agitator system

Dry Bulk - 168m³ @ 90%

Freezer/Chiller - 10m³ / 10m³

Pumps

Fuel Oil

1 x 150m³/hr @ 75m head; Azcue

Fresh Water

1 x 125m³/hr @ 75m head; Azcue

SWB/Drill Water

1 x 100m³/hr @ 75m head; Azcue

Liquid Mud

2 x 70m³/hr @ 85m head; Mission Magnum

Circulation System

Bulk Cement

2 x 13m³/min @ 80 psi air compressors;

Airman system fitted with dryers

Propulsion System

Main Engines

2 x 1920kw (2575 bhp) @ 1600rpm Caterpillar 3516B

Main Generators

3 x 340kw @ 1500rpm Caterpillar 340B c/w Leroy Somer LSAM47.1L9 rated at 320 kw/415 V/3 Ph/50 Hz

Emergency Generator

1 x 52kw @ 1500 rpm Olympian GEP 65-3 rated at 415 V/ 3Ph/50 Hz

Bow Thruster

1 x 350 kw electric-driven Kawasaki KT-55B3 tunnel type (CPP); 5T thrust

Deck Equipment

Anchor Windlass

1 x electro-hydraulic Mentrade HAW-10T

Bow Anchors

2 x 1305 kg HHP anchors

Capstans

2 x 5 mt @ 15m/min electro-hydraulic; Mentrade HVC-5T

Tugger Winch

2 x 10 mt @ 15m/min electro-hydraulic; Mentrade HUW-10T

Drum Capacity: 200m (L) x 22m (Ø) SWR

Deck Crane

1 x 5T

Towing/AHT Winch

1 x electro-hydraulic double drum Mentrade AHTW-150T

Upper Drum Cap (Tow)

1000m (L) x 56mm (Ø) SWR

Lower Drum Cap (AH)

1000m (L) x 56mm (Ø) SWR

Line Pull

150mt @ 6m/min at 1st layer

71mt @ 12m/min at 1st layer

50mt @ 18m/min at 1st layer

23mt @ 36m/min at 1st layer

Shark Jaws

1 set electro-hydraulic Kamfork; SWL 300mt

Tow Pins

2 x electro-hydraulic with turntable top flaps

Rope Reel

1 x electro-hydraulic Mentrade HSR-5T

Drum Capacity: 1000mm (L) x 56 mm (Ø) SWR

Reefer Points 4 x 4pin x 40A & 2 x 4pin x 32A

Radio and Navigation Equipment

GMDSS Furuno RC-1800T (Area 3) comprising:

SSB: 1 x Furuno FS-2570 with built in DSC

Inmarsat C: Furuno Felcome 15 & Felcom 15SSAS

VHF Radio: 2 x Furuno FM 8500 with built-in DSC

Navtex Receiver: 1 x Furuno NX 700 (518 KHz)

SART: 2 x McMurdo S4 (9 GHz)

EPIRB: 1 x McMurdo E3A

Portable VHF Radios: 3 x McMurdo R2 (25KHz)

Radar

1 Furuno FR 2115 (X Band)

1 Furuno FR 1510 MK3

Echo Sounder 1 Furuno FE 700

GPS 1 x Furuno GP 90

Gyrocompass 1 x Anschuetz Standard 22

Autopilot 1 x Anshuetz Nautopilot NP60

Magnetic Compass 1 x Cassens & Plath

Reflecta 3

Weather Fax 1 x Furuno FAX 207

Speed Log 1 x Furuno DS-80

Wind Indicator 1 x RM Young 05103

AIS 1 x Furuno FA-100

DP Marine Technology Bridge Mate DP1

2 x DGPS Veripos LD2S

Joystick C-Joy SJSO1 Konsberg

Vessel also fitted with Vingtor Talkback System & Self-powered Telephones

Fire Fighting & Anti-Pollution Equipment

EXTERNAL

FiFi System

Class 1 with water curtain all round

Fire Pump

2 x 1550m³/hr @ 13 bar, Unitor SFP250x350 driven by front PTO of M/E

Monitors

- (water/foam)

1 x 300-1200m³/hr, Unitor FFS1200-300

- (water)

1 x 1200 m³/hr, Unitor FFS1200LP

Throw length / height: 120m / 45m

Oil Dispersant System

300m Heavy Duty Oil Spill Booms

Safety and Environment

Liferafts

6 x 25 men SOLAS approved type

Rescue Boat

1 x 9 man FRC

