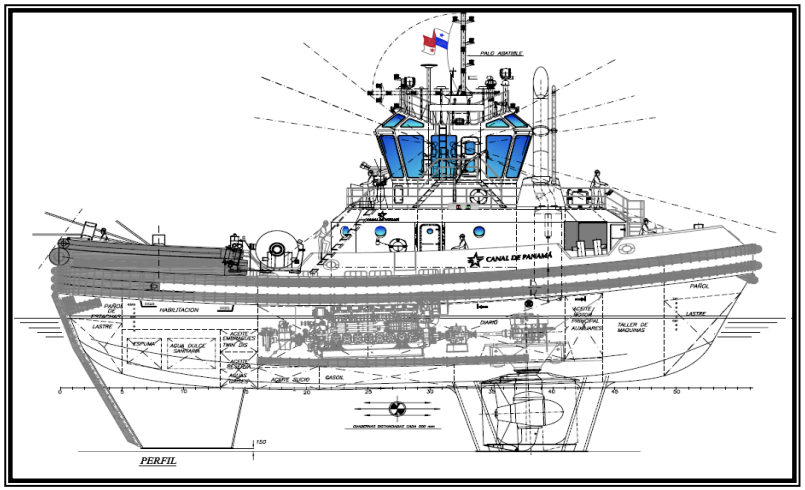

CERRO SANTIAGO

GENERALS

Owner	: Panama Canal Authority
Owner/operator	: Panama Canal Authority
Category	: Harbor tug
Type	: Tractor
Year of built	: 2013
Shipyard	: Shipyards Armon S. A., Spain
Hull number	: 722
Class notation used for construction	: American Bureau of Shipping
Flag	: Panamá
Port of registry	: Balboa, Panamá
Call sign	: HO-6324
Bollard pull	: About 82 tons
Speed	: 12 knots
Displacement	: 805 tons

DIMENSIONS

GROSS TONNAGE (GRT)	: 484 tons
Length overall (LOA)	: 28.90 m
Beam	: 13.50 m
Max. draught	: 6.18 m
Moulded depth	: 5.17 m

TANK CAPACITIES

Fuel	: 122.6 m^3
Fresh water	: 16.6 m^3
Foam	: 8.0 m^3

PROPULSION

Main engines	: 2 General Electric
Model	: GE 8L250
Main power	: 2X2330 KW. @1050rpm, 6,250 HP
Propulsion	: Azimuthal tractor, Schottel SRP 2020 FP
Propulsion description	: 2 Kort Nozzles, 2800 mm Ø fixed pitch and rotated 360°

FIRE FIGHTING EQUIPMENT

Centrifugal Pump	: 1200 m^3/hr @ 1830 rpm
Firefighting monitor	: Jason Engineering, FM200HJF-V-C-02

TOWING EQUIPMENT

Two (2) Double-Drum Hawser winch on the stern

Maker	: Ibercisa
Model	: MR-H/5/150-80/1
Drum capacity	: 152 m x 254 mm circumference line
Rate pull	: 22.1 T (pull) @ 10.2 m/min.
	: 11.1 T (pull) @ 20.3 m/min
Drum brake capacity	: 210 T

Bow Vertical Capstan

Maker	: Ibercisa
Model	: C-H/20/6-15
Drum diameter	: 450 mm
Rate pull	: 6.5 T (pull) @ 15.5 m/min