

Panama Canal Authority – Tugboat Fleet – Principal Particulars



PROGRESO

GENERAL

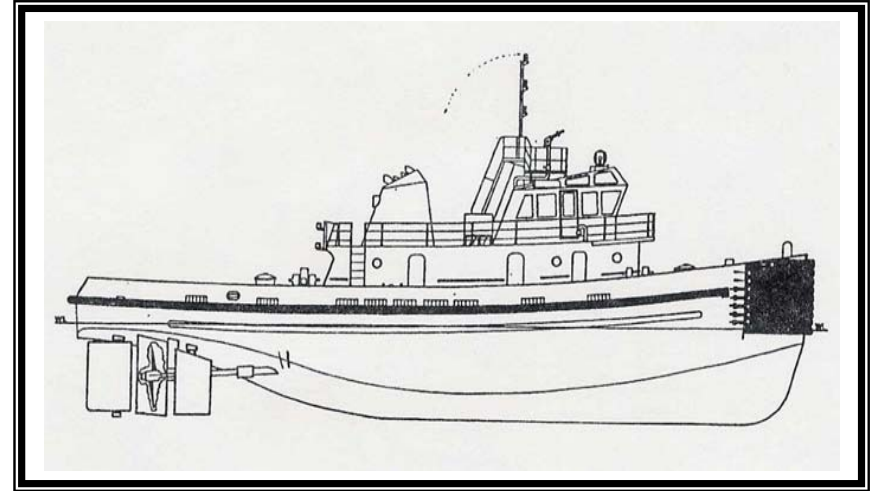
Registered Owner	: Panama Canal Authority
Owner/Operator	: Panama Canal Authority
Category	: Harbour Tug
Type	: Conventional Twin Screw
Built	: 1981
Yard	: Bollinger Machine Shop & Shipyard
	: Hull No.141- U.S.A
Classification	: ABS (Declassed)
Flag	: Panama
Port	: Balboa, Panama
Call Sign	: HP-9779
Bollard Pull	: About 36.0 tons
Speed (Knots)	: About 12

TONNAGE/DIMENSIONS

GRT	: 347.00 tons
LOA	: 100 ft 2 in
Beam	: 30 ft 0 in
Draught	: FWD 12 ft 0 in; AFT 12 ft 0 in
Moulded Depth	: 13 ft 7 in

TANK CAPACITIES

Bunker	: 31,520 (gal)
Fresh Water	: 7,362 (gal)
Foam	: 1,200 (gal)



MACHINERY

Main Engines	: 2
Make	: General Motors EMD
Model	: 645-E6
BHP	: 3,000
Propulsion	: Conventional
Propulsion description	: Twin Screw, fixed pitch Kort Nozzles Main and Flanking Rudders

EMERGENCY INTERVENTION

2-Stage Centrifugal Pump	: 1,500 GPM @ 100 PSI
Firefighting Monitor	: SKUM MK 100

TOWING EQUIPMENT

Two - (2) vertical Capstans	
One (1) on the bow and one (1) on the stern	
Manufacturer	: Markey Machinery Company Inc.
Model	: CYP 90
Barrel Diameter	: 27 inch
Bollard Rating	: 50 ft/min @ 6 tons Pull : 110 ft/min @ 3.5 tons pull