

Panama Canal Authority – Tugboat Fleet – Principal Particulars



JOSEPH C. MEHAFFEY

GENERAL

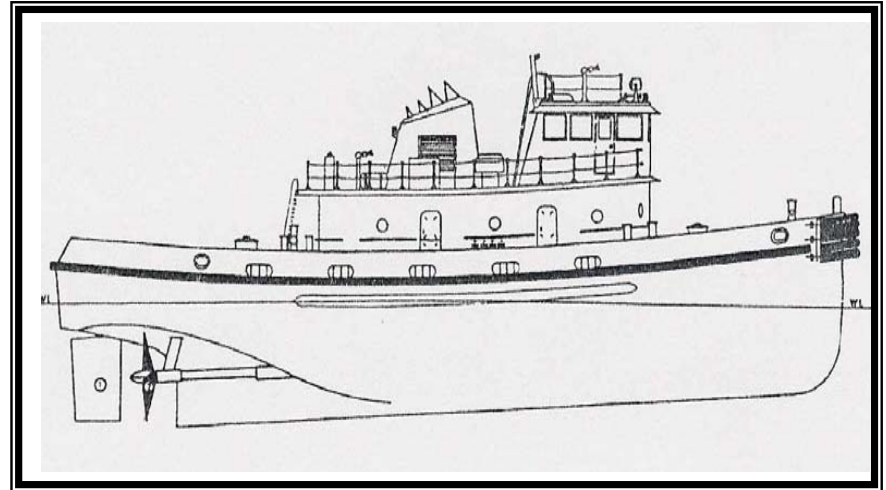
Registered Owner	: Panama Canal Authority
Owner/Operator	: Panama Canal Authority
Category	: Harbour Tug
Type	: Conventional Twin Screw
Built	: 1970
Yard	: Southern Shipbuilding Corp.
	: Hull No. 89 – U.S.A.
Classification	: ABS (Declassed)
Flag	: Panama
Port	: Cristobal, Panama
Call Sign	: HP-9789
Bollard Pull	: About 33.0 tons
Speed	: 12 Knots

TONNAGE/DIMENSIONS

GRT	: 303.00 tons
LOA	: 96 ft 0 in
Beam	: 28 ft 0 in
Draught	: FWD 9 ft 0 in; AFT 12 ft 7 in
Moulded Depth	: 16 ft 0 in

TANK CAPACITIES

Bunker	: 24,701 gal
Fresh Water	: 2,441 gal



MACHINERY

Main Engines	: 2
Make	: General Motors EMD
Model	: 645-E2
BHP	: 3,000
Propulsion	: Conventional
Propulsion description	: Twin Screw, fixed pitch

EMERGENCY INTERVENTION

One (1) 2-Stage Centrifugal Pump	: 2,000 GPM @ 150 PSI
No foam capabilities.	
One (1) Firefighting Monitor	: SKUM MK 100

TOWING EQUIPMENT

Two (2) electrical driven vertical Capstans
 One (1) on the bow and one (1) on the stern

Manufacturer	: Markey Machinery Company Inc.
Model	: CEV 80 Electric
Motor Rating	: 15 HP, 208V, 3-phase, 60Hz.
Bollard Rating	: 40 ft/min @ 4.5 tons Pull
	: 80 ft/min @ 2.25 tons Pull