

National Energy 

CORPORATION OF TRINIDAD AND TOBAGO

Vessel Catalogue



WHO WE ARE

An aerial photograph showing a large, multi-colored offshore supply vessel being towed by three tugboats. The vessel is the central focus, with a complex structure of pipes, cranes, and platforms. It is moving through dark blue-green water, leaving a white wake. Three tugboats are positioned around it: one to the left, one to the right, and one below. The scene is captured from a high angle, looking down at the vessels.

National Energy has more than 23 years' experience in towage and harbour operations and manages a fleet of tugboats, a passenger launch, and an offshore supply vessel that provide safe, reliable, and efficient towage service to local and regional clientele on a 24-hour basis, 365 days a year.

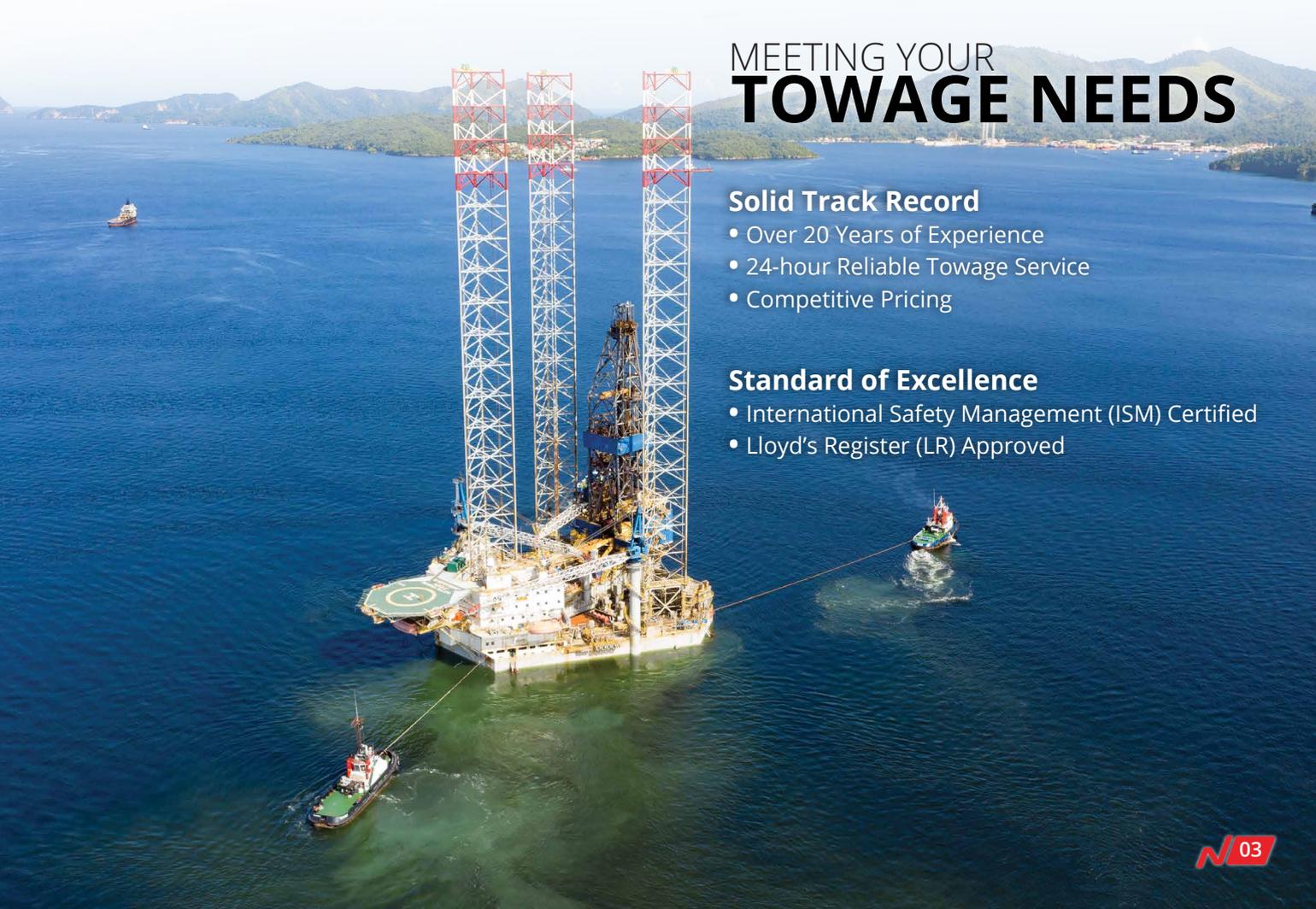
National Energy

THE PREFERRED TOWAGE PROVIDER

As of 2023, National Energy holds over 80% of the local towage market.

- Atlantic LNG Company of Trinidad and Tobago Ltd.
(via ARC Towage Ltd.)
- BGP Offshore
- BHP Billiton
- bpTT
- EOG Resources Trinidad Ltd.
- Oldendorff Carriers Trinidad and Tobago Ltd.
- Paria Fuel Trading Company Ltd.
- Point Lisas Industrial Port Development Corporation Ltd.
- The Port of Port of Spain
- Ramps Logistics Ltd.
- Staatsolie Maatschappij Suriname (via Trinity Liftboat Services Ltd.)
- SubSea Trinidad and Tobago Ltd.
- Svitzer Marine Trinidad and Tobago Ltd.
- Trinity Exploration and Production Services Ltd.
- Well Services Petroleum Company Ltd.





MEETING YOUR **TOWAGE NEEDS**

Solid Track Record

- Over 20 Years of Experience
- 24-hour Reliable Towage Service
- Competitive Pricing

Standard of Excellence

- International Safety Management (ISM) Certified
- Lloyd's Register (LR) Approved

An aerial view of a harbor area. In the foreground, a large barge is equipped with a prominent yellow crane. The barge is surrounded by several smaller tugboats. In the background, a large industrial facility with multiple tall towers and structures is situated on a hillside overlooking the water.

**LOADOUT
OPERATIONS**

An aerial view of an offshore oil rig being transported across the open ocean. The rig is mounted on a large barge and is being pushed or pulled by a tugboat, creating a white wake in the dark water. Other smaller vessels are visible in the distance under a cloudy sky.

**RIG
RELOCATION**



PERSONNEL
TRANSFERS

DECK
CARGO TRANSPORT



OFFSHORE **SUPPORT SERVICES**

- Chase Vessel Services
- Emergency Response and Rescue Vessel (ERRV) Services



SHIP TO SHIP (STS) **OPERATIONS**



HARBOUR
TOWAGE

FIREFIGHTING



VESSEL PORTFOLIO

NATIONAL ENERGY RESILIENCE

Make/Type: Damen/ASD Tug 2811

Length overall: 28.57 m

Beam moulded: 11.43 m

Depth moulded: 4.60 m

Draught aft: 4.65 m

Gross tonnage: 299

Classification: Bureau Veritas, 1 Hull MACH Tug with AUT UMS notation (Unrestricted)

Main engines: Two Caterpillar Model 3512 C TA HD / D

Generators: Two Caterpillar Model C 4.4 TA

Propulsion unit: Aquamaster Thrusters

Fuel capacity: 67.8 m³

Freshwater capacity: 14.0 m³

Speed: 13.0 knots

Bollard pull: 60 tons

Horsepower: 5,102 bhp

Accommodation: Fixed beds, 8 persons

Rescue boat: One FRC

Towing equipment: Aft – 150 tons brake force, hydraulically driven two speed winch with spooling device and warping head, pull 40 tons at 8.1 m/min, slack rope speed up to 34 m/min. Fwd – 150 tons brake force, hydraulically driven two speed winch with split drum and warping head, pull 31.5 tons at 9.5 m/min, slack rope speed up to 41 m/min

Firefighting: Two main engine driven pumps 1200 – 1400 m³ /hr capacity. Water/foam monitors

Foam tank capacity: 9.8 m³



NEC EMPRESS

Make/Type: Damen/ASD Tug 2810

Length overall: 28.75 m

Beam moulded: 10.59 m

Depth moulded: 4.6 m

Draught aft: 4.8 m

Gross tonnage: 294

Classification: Lloyd's Register, 100 A1 Tug with LMC notation

Main engines: Two Caterpillar Model 3516 B TA HD/B (air started)

Generators: Two Caterpillar Model 3304 B T

Propulsion unit: Aquamaster rudder-propelled type

Fuel capacity: 96.9 m³

Freshwater capacity: 19.2 m³

Speed: 13 knots

Bollard pull: 55 tons

Horsepower: 4,750 bhp

Accommodation: Fixed beds, 6 persons

Rescue boat: One FRC

Towing equipment: Fwd: 135 tons brake force; rope capacity of 150 m @ 115 mm diameter; remote control in the wheelhouse

Firefighting: Two units; remote-controlled water/foam monitors; 2 x 600 m³/hr. Two fire pumps; engine-driven; capacity of 700 m³/hr @ 11.5 bars; one CO₂ extinguishing system for the engine room

Foam tank capacity: 6.5 m³



NEC MAJESTIC

Make/Type: Damen/ASD Tug 3110

Length overall: 30.82 m

Beam moulded: 10.20 m

Depth moulded: 4.80 m

Draught aft: 4.84 m

Gross tonnage: 313

Classification: Lloyd's Register, 100 A1 Tug with LMC notation

Main engines: Two Caterpillar Model 3516 B TA HD/B (air started)

Generators: Two Caterpillar Model 3304 B T

Propulsion unit: Aquamaster rudder-propelled type

Fuel capacity: 136.6 m³

Freshwater capacity: 19.2 m³

Speed: 13 knots

Bollard pull: 55 tons

Horsepower: 4,626 bhp

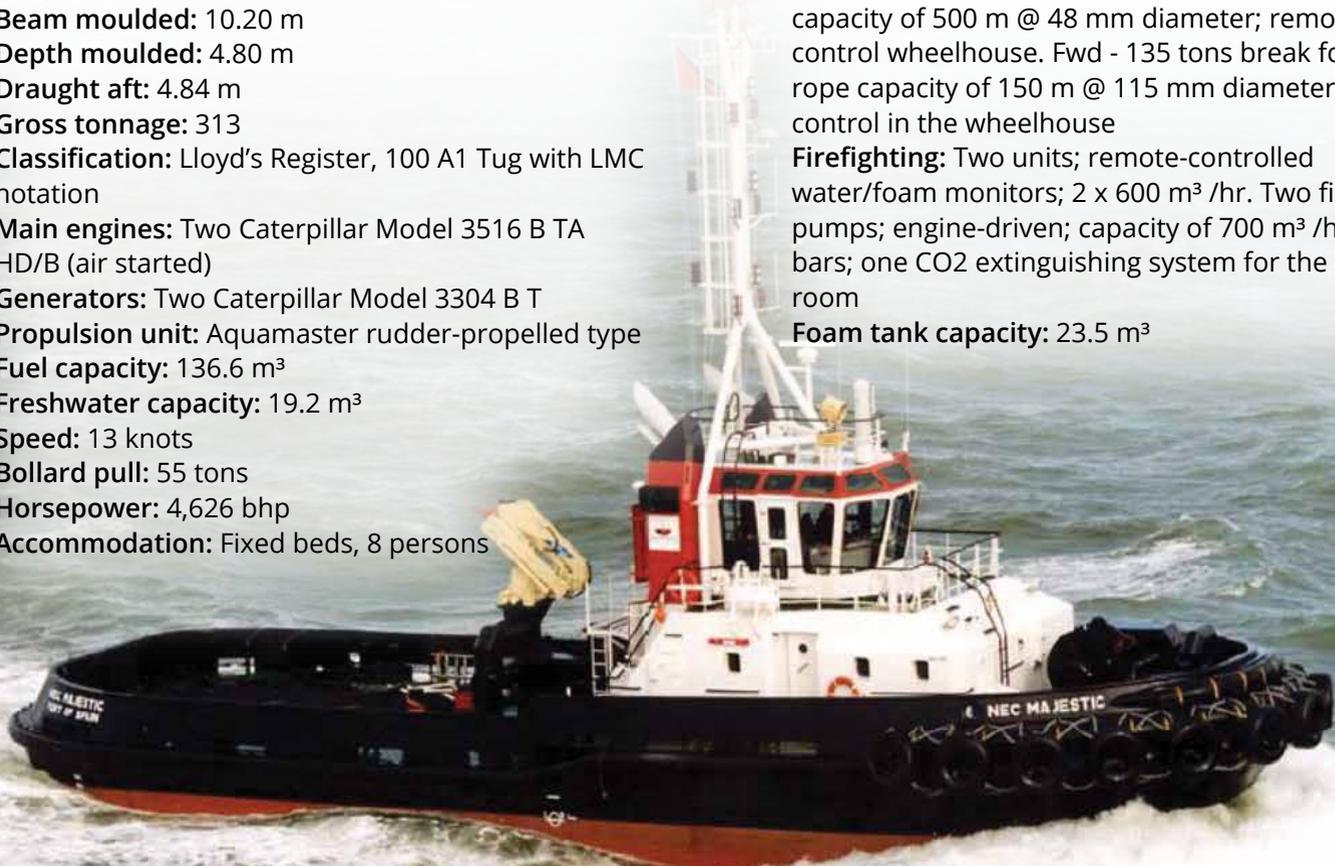
Accommodation: Fixed beds, 8 persons

Rescue boat: One FRC

Towing equipment: Aft - 135 tons brake force; wire capacity of 500 m @ 48 mm diameter; remote control wheelhouse. Fwd - 135 tons break force; rope capacity of 150 m @ 115 mm diameter; remote control in the wheelhouse

Firefighting: Two units; remote-controlled water/foam monitors; 2 x 600 m³ /hr. Two fire pumps; engine-driven; capacity of 700 m³ /hr @ 11.5 bars; one CO2 extinguishing system for the engine room

Foam tank capacity: 23.5 m³



NEC VISION

Make/Type: Damen/Stan Tug 2608

Length overall: 26.16 m

Beam moulded: 7.94 m

Depth moulded: 4.0 m

Draught aft: 3.9 m

Gross tonnage: 176

Classification: Lloyd's Register, 100 A1 MACH Tug with LMC notation

Main engines: Two Caterpillar Model 3512 B TA HD+/B

Generators: Two Caterpillar Model 3054 T

Propulsion unit: Conventional-type propellers

Fuel capacity: 80.3 m³

Freshwater capacity: 80.1 m³

Speed: 13 knots

Bollard pull: 50 tons

Horsepower: 3,822 bhp

Accommodation: Fixed beds, 8 persons

Rescue boat: One

Towing equipment: One with wire capacity of 500 m @ 52 mm diameter; remote control in the wheelhouse

Firefighting: Two water/foam monitors with 1,000 m³ /hr capacity

Foam tank capacity: 5.9 m³



NEC PRIDE

Make/Type: Damen/Stan Tug 2208

Length overall: 22.64 m

Beam moulded: 8.25 m

Depth moulded: 3.74 m

Draught aft: 3.7 m

Gross tonnage: 141

Classification: Lloyd's Register, 100 A1 MACH Tug with LMC notation

Main engines: Two Caterpillar Model 3512 B TA/B

Generators: Two Caterpillar Model 3054 T

Propulsion unit: Conventional-type propellers

Fuel capacity: 36.8 m³

Freshwater capacity: 8.6 m³

Speed: 12 knots

Bollard pull: 40 tons

Horsepower: 2,776 bhp

Accommodation: Fixed beds, 8 persons

Rescue boat: One

Towing equipment: One disc-type towing hook aft-SWL 450kN: remote control in the wheelhouse

Firefighting: Two water/foam monitors with 1,000 m³ /hr capacity

Foam tank capacity: 3.4 m³



NEC SPIRIT

Make/Type: Damen/Stan Tug 2208

Length overall: 22.64 m

Beam moulded: 8.25 m

Depth moulded: 3.74 m

Draught aft: 3.7 m

Gross tonnage: 141

Classification: Lloyd's Register, 100 A1 MACH Tug with LMC notation

Main engines: Two Caterpillar Model 3512 B TA/B

Generators: Two Caterpillar Model 3054 T

Propulsion unit: Conventional-type propellers

Fuel capacity: 36.8 m³

Freshwater capacity: 8.6 m³

Speed: 12 knots

Bollard pull: 40 tons

Horsepower: 2,776 bhp

Accommodation: Fixed beds, 8 persons

Rescue boat: One

Towing equipment: One disc-type towing hook aft-SWL 450kN: remote control in the wheelhouse

Firefighting: Two water/foam monitors with 1,000 m³/hr capacity

Foam tank capacity: 3.4 m³



NEC PIONEER

Make/Type: Damen/Stan Tug 1606

Length overall: 16.76 m

Beam moulded: 5.94 m

Depth moulded: 2.54 m

Draught aft: 2.21 m

Gross tonnage: 46

Classification: Bureau Veritas, I Hull MACH Tug
(Coastal Area)

Main engines: Two Caterpillar Model C18 TA

Generator: One Caterpillar Model C 2.2 NA

Propulsion unit: Conventional-type propellers

Fuel capacity: 14.2 m³

Freshwater capacity: 1.1 m³

Speed: 11 knots

Bollard pull: 16.3 tons

Horsepower: 1,216 bhp

Accommodation: Fixed beds, 4 persons

Towing equipment: One quick-release
electro-hydraulic towing hook (25 tons), with
remote control in the wheelhouse



NEC INDUSTRY

Make/Type: Damen/Stan Tug 1605

Length overall: 16.89 m

Beam moulded: 5.29 m

Draught aft: 2.25 m

Gross tonnage: 39

Classification: Lloyd's Register, 100 A1 with LMC notation

Main engines: Two Caterpillar Model 3408 C TA/B

Generator: One Caterpillar Model C1.5 NA

Propulsion unit: Conventional-type propellers

Fuel capacity: 13.7 m³

Freshwater capacity: 0.7 m³

Speed: 10 knots

Bollard pull: 12.8 tons

Horsepower: 940 bhp

Accommodation: Fixed beds, 4 persons

Towing equipment: One quick-release electro-hydraulic towing hook (15 tons), with remote control in the wheelhouse



NEC LEGACY

Make/Type: Damen/Stan Tug 1605

Length overall: 16.89 m

Beam moulded: 5.29 m

Draught aft: 2.25 m

Gross tonnage: 39

Classification: Lloyd's Register, 100 A1 with LMC notation

Main engines: Two Caterpillar Model 3408 C TA/B

Generator: One Caterpillar Model C1.5 NA

Propulsion unit: Conventional-type propellers

Fuel capacity: 13.7 m³

Freshwater capacity: 0.7 m³

Speed: 10 knots

Bollard pull: 12.8 tons

Horsepower: 940 bhp

Accommodation: Fixed beds, 4 persons

Towing equipment: One quick-release electro-hydraulic towing hook (15 tons), with remote control in the wheelhouse



NATIONAL ENERGY EXPLORER

Make/Type: Damen/Fast Crew Supplier 5009

Length overall: 53.25 m

Beam moulded: 10.10 m

Depth moulded: 4.70 m

Max draught: 3.20 m

Gross tonnage: 454

Classification: Lloyd's Register of Shipping (LRS) 100

A1 55C Workboat, Mono, H5C, G6, ECO (TOC) LMC

DP (AM)

Main engines: Four Caterpillar Model 3512 C TA

Generators: Three 99 kW 123 kVA

Propulsion unit: Four fixed-pitch propellers

Fuel capacity: 169.85 m³

Freshwater capacity: 173.13 m³

Potable water: 28.60 m³

Cargo pumps (Fuel & FW): 70 m³ /hr

Deck crane: SWL 1.75 tons fully extended

Deck space: 240 m²

Deck cargo max: 250 tons

Speed: 22.8 knots

Horsepower: 6,000 bhp

Accommodation: Four fixed-crew cabins (8 persons); 66 industrial personnel, pantry and mess room

Rescue Boat: One

Lifesaving equipment: Life bouys (8);

Life jackets (74); Life rafts (5pcs, combined capacity of 88 persons)

Firefighting: Novec 1230



NEC VOYAGER

Make/Type: Damen/Fast Crew Supplier 1605
Length overall: 16.15 m
Beam moulded: 5.40 m
Depth moulded: 1.85 m
Draught aft: 0.85 m
Gross tonnage: 26
Classification: Bureau Veritas, I Hull MACH Special service / Fast utility vessel

Main engines: Two Caterpillar Model C18 TA - B
Generator: One Caterpillar Model C1.5 NA
Propulsion unit: Rolls Royce Waterjets
Fuel capacity: 2.0 m³
Freshwater capacity: 0.25 m³
Speed: 30 knots
Horsepower: 1,340 bhp
Accommodation: 18 Passengers





CONTACT INFORMATION:

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NEC LEGACY



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