

# Vessel Catalogue



# WHO WE ARE

National Energy has more than 22 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 2022, 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.
- Svitser Marine Trinidad and Tobago Ltd.
- Trinity Exploration and Production Services Ltd.
- Well Services Petroleum Company Ltd.



An aerial view of a large offshore oil rig with three tall derrick masts, being towed by two tugboats across a blue body of water. The rig has a helipad on its deck. In the background, there are green hills and a small coastal town.

# 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





LOADOUT  
**OPERATIONS**



RIG  
**RELOCATION**

A wide-angle photograph of an offshore oil rig deck. In the foreground, three workers in orange safety suits and white hard hats stand on a wooden deck. A yellow crane arm extends from the right side of the frame, with a yellow container labeled 'TMD 02' positioned below it. In the background, a white tugboat is docked at the rig's side. The ocean and a cloudy sky are visible in the distance. A diagonal purple graphic line runs across the center of the image.

PERSONNEL  
**TRANSFERS**

DECK  
**CARGO TRANSPORT**



## OFFSHORE **SUPPORT SERVICES**

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



## SHIP TO SHIP (STS) **OPERATIONS**



A black and white tugboat with a white cabin, labeled 'HSC Tugboat', is positioned in front of a large white and red offshore vessel. The scene is set in a harbor with other ships visible in the background.

**HARBOUR  
TOWAGE**

A black and white tugboat with a red hull, labeled 'NEC Vision', is shown from a side-on perspective. It features a prominent red crane and various firefighting equipment on its deck. The background shows a city skyline under a cloudy sky.

**FIREFIGHTING**



An aerial photograph showing a fleet of tugboats and a small blue boat on a large body of water. The tugboats are dark-colored with white and red accents. The water is a deep blue-green, and the sky is overcast. In the background, a distant shoreline with hills and some buildings is visible.

# VESSEL PORTFOLIO

# 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 m<sup>3</sup>

**Freshwater capacity:** 19.2 m<sup>3</sup>

**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 m<sup>3</sup> /hr. Two fire pumps; engine-driven; capacity of 700 m<sup>3</sup> /hr @ 11.5 bars; one CO<sub>2</sub> extinguishing system for the engine room

**Foam tank capacity:** 6.5 m<sup>3</sup>





# 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 m<sup>3</sup>

**Freshwater capacity:** 19.2 m<sup>3</sup>

**Speed:** 13 knots

**Bollard pull:** 55 tons

**Horsepower:** 4,626 bhp

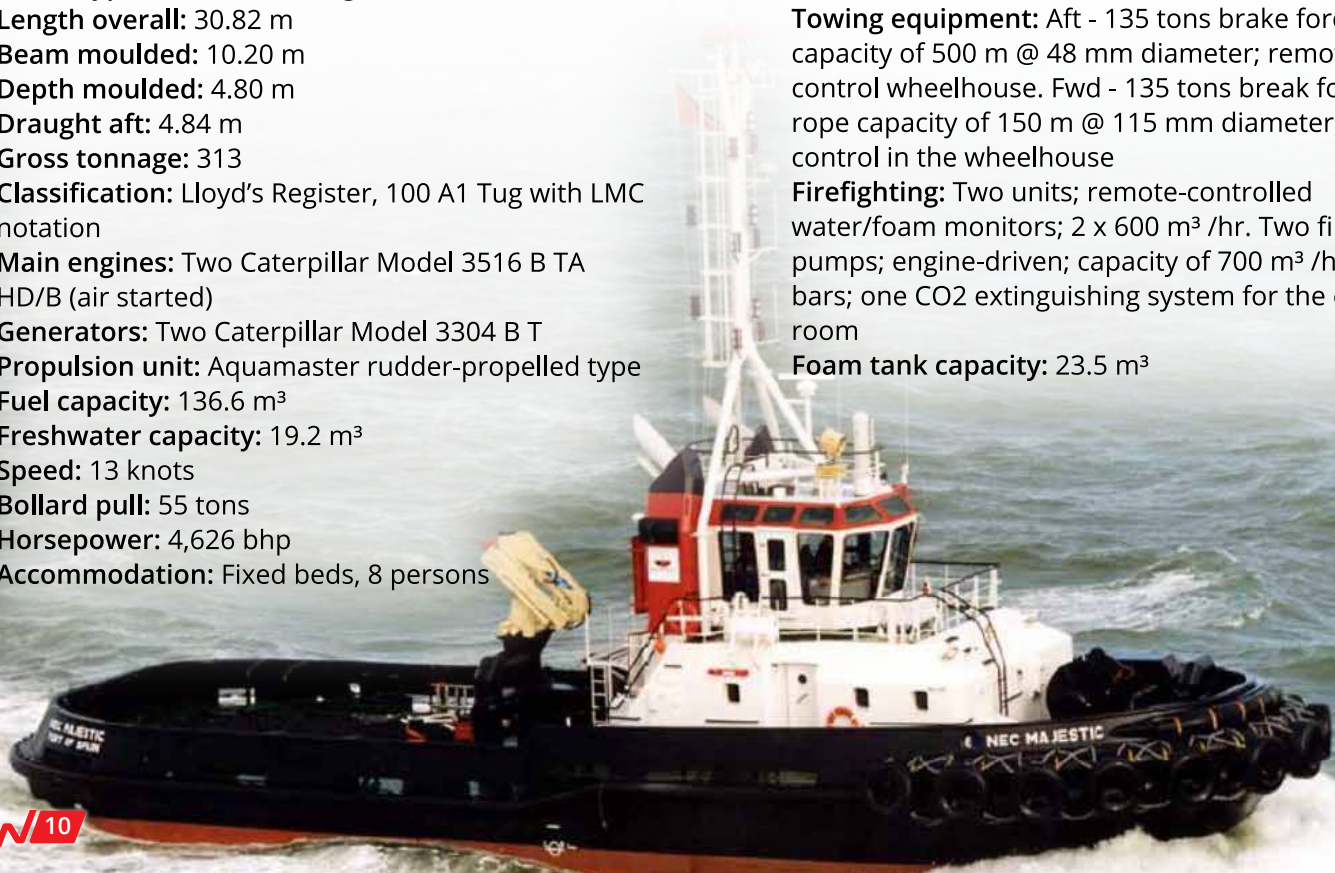
**Accommodation:** Fixed beds, 8 persons

**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 m<sup>3</sup> /hr. Two fire pumps; engine-driven; capacity of 700 m<sup>3</sup> /hr @ 11.5 bars; one CO2 extinguishing system for the engine room

**Foam tank capacity:** 23.5 m<sup>3</sup>



# 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 m<sup>3</sup>

**Freshwater capacity:** 80.1 m<sup>3</sup>

**Speed:** 13 knots

**Bollard pull:** 50 tons

**Horsepower:** 3,822 bhp

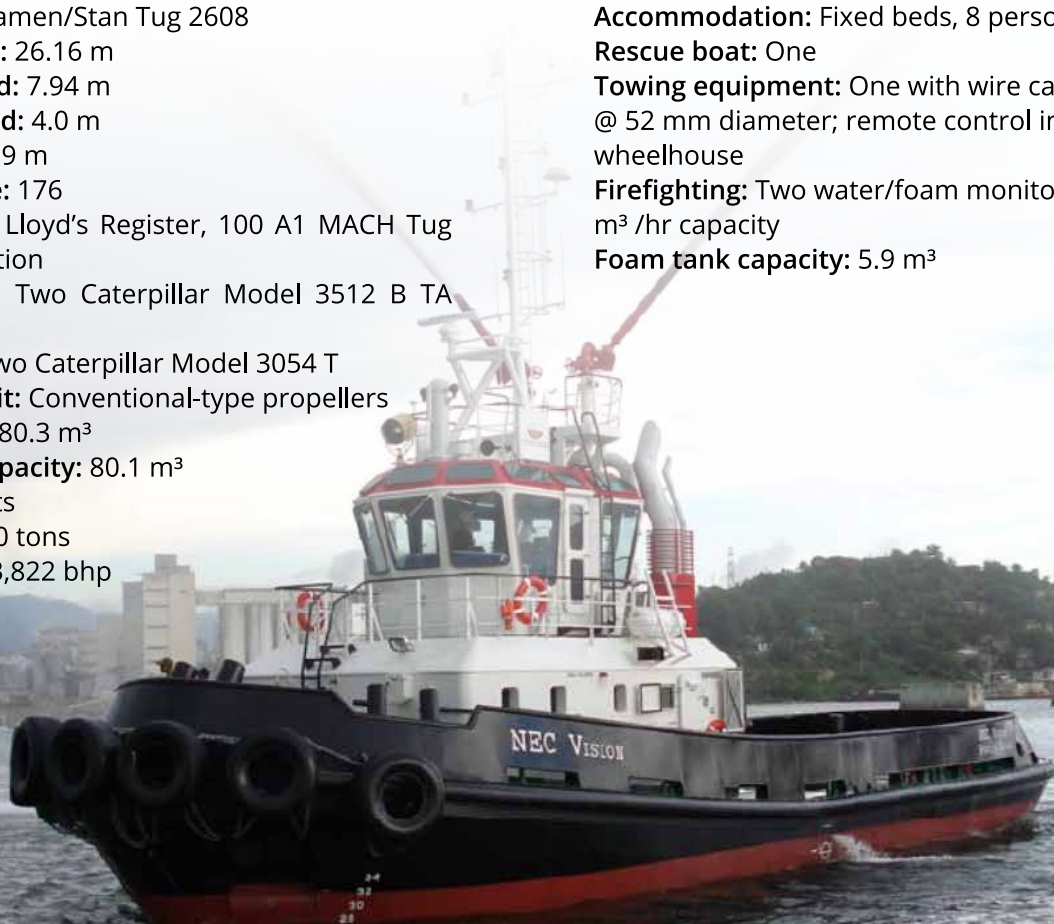
**Accommodation:** Fixed beds, 8 persons

**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  
m<sup>3</sup> /hr capacity

**Foam tank capacity:** 5.9 m<sup>3</sup>





# NEC PRIDE

**Make/Type:** Damen/Stam 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 m<sup>3</sup>

**Freshwater capacity:** 8.6 m<sup>3</sup>

**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 m<sup>3</sup> /hr capacity

**Foam tank capacity:** 3.4 m<sup>3</sup>



# 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 m<sup>3</sup>

**Freshwater capacity:** 8.6 m<sup>3</sup>

**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 m<sup>3</sup> /hr capacity

**Foam tank capacity:** 3.4 m<sup>3</sup>





# 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 m<sup>3</sup>

**Freshwater capacity:** 1.1 m<sup>3</sup>

**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 m<sup>3</sup>

**Freshwater capacity:** 0.7 m<sup>3</sup>

**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 m<sup>3</sup>

**Freshwater capacity:** 0.7 m<sup>3</sup>

**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 m<sup>3</sup>

**Freshwater capacity:** 173.13 m<sup>3</sup>

**Potable water:** 28.60 m<sup>3</sup>

**Cargo pumps (Fuel & FW):** 70 m<sup>3</sup> /hr

**Deck crane:** SWL 1.75 tons fully extended

**Deck space:** 240 m<sup>2</sup>

**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 m<sup>3</sup>

**Freshwater capacity:** 0.25 m<sup>3</sup>

**Speed:** 30 knots

**Horsepower:** 1,340 bhp

**Accommodation:** 18 Passengers





# CONTACT INFORMATION:

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