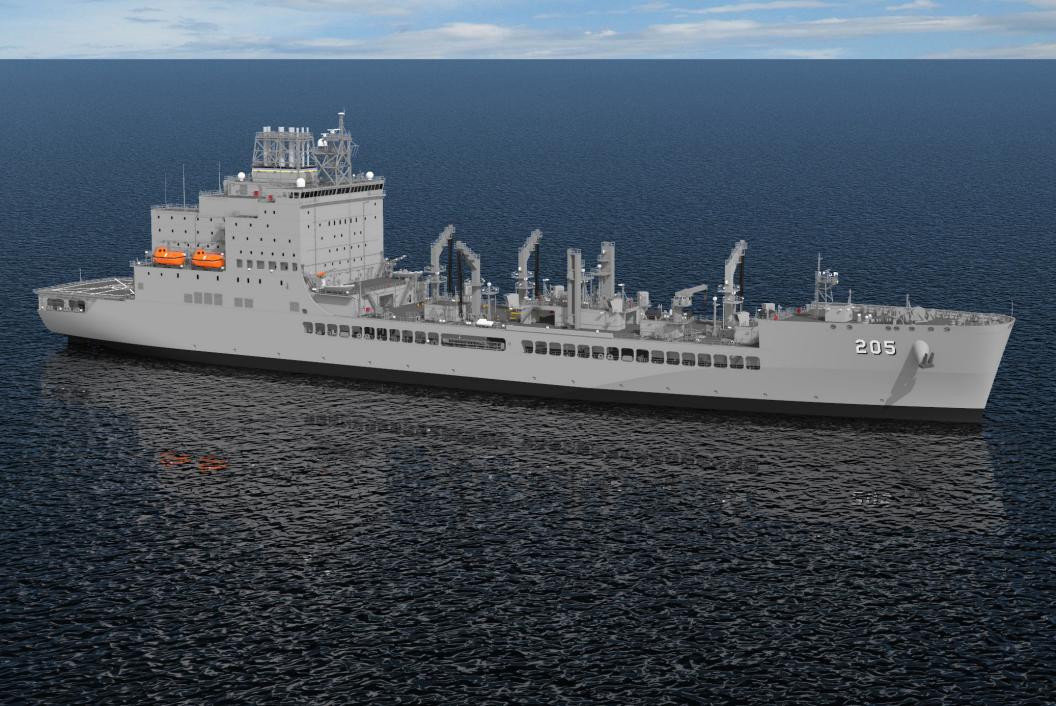
TAO-205 Underway Replenishment Oiler

GENERAL DYNAMICS



TAO-205 Underway Replenishment Oiler

MISSION

Underway Replenishment Oiler TAO-205

PRINCIPAL CHARACTERISTICS

Length, LBP: 216.42 m Length, Overall: 227.3 m Beam: 32.2 m Draft: 10.2 m Depth: 17.20 m Full Load Displacement: 49,850 MT

SPEED AND ENDURANCE

Sustained Speed: 20 knots at 85% MCR Endurance: 6,147 nm

AVIATION FACILITIES

NAVAIR Level I, Class 2 VERTREP

MACHINERY SYSTEMS

Type of Engine: Medium-Speed Diesel Installed Power: 28.8 MW Number of Engines: 2 Number of Shafts: 2 Propellers: Controllable Pitch Ship Service Power: 2 x 2.65 MW Power Take Off 3 x 3.84 MW Diesel Generators

HULL STRUCTURE

ABS Steel Vessel Rules 2015

STABILITY AND OUTFLOW

MARPOL Annex I

LIFESAVING

USCG Certified (Cargo & Misc. Vessels) Lifeboats: Total Ship's Complement Life Rafts: Total Ship's Complement

CARGO CAPACITIES

Liquid Cargo: 162,164 bbl Dry Cargo: 417 m2 Refrigerated Cargo: 433 m2 Cargo Potable Water: 200 MT Ordnance: 0 MT

CARGO SYSTEMS

Port Side:

3 FAS stations with double probes and 2.5" span line 1 RAS station

Starboard Side:

2 FAS stations with single probe and 2.5" span line, and receiving capability 1 RAS station with receiving capability

10 x main cargo centrifugal pumps at 3,000 gpm Supported by 2×5 MT cranes

SURVIVABILITY

Advanced Degaussing NIXIE Torpedo Decoy Space & Weight for Self-Defense

COMMAND & CONTROL

Naval Communications Suite

ACCOMMODATION

Habitability: Mixed Gender Compliant Licensed: 24 CPO: 17 Unlicensed: 54 Transient Enlisted: 30 Total: 125

GENERAL DYNAMICS

NASSCO 2798 E. Harbor Drive, San Diego, CA 92113 Tel: (619) 544-3400 Fax: (619) 544-7633 www.nassco.com

