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 x 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