

AGOR 28

Length: 238' Width: 55' Draft: 15'

Full-load displacement: 3,024 LT

Berthing: 20 Crew, 24 Scientists

Range/Duration: 11,500 nm / 40 days

Dynamic Positioning, ± 5 meters in SS5

Integrated diesel electric drive

Four diesel generator sets (Tier 4)

Two AC propulsion motors and drives

Bow and stern thrusters

Integrated major scientific sensors: deep- and shallow-ocean multibeam mapping sonars, subbottom profiling system, deep-, mid- and shallow-water acoustic doppler current profilers, acoustic navigation system for towed sensors and ROVs, precise global positioning

Unique/novel features:

- Hull form designed to divert bubbles from sonar area for improved performance
- Dual controllable pitch propellers with variable speed motors for improved efficiency
- Cranes and handling systems reach to waterline for improved safety and load control
- Condition-based power monitoring system for improved efficiency and control
- Centralized fresh water cooling system, HVAC variable air volume and regenerative heat

