

Ocean Class AGOR Acquisition Update

10 January 2012



**Ocean Class AGOR
Contract Award
to Dakota Creek Industries
Anacortes, WA**



**Design Agent
Guido Perla & Associates
Seattle, WA**



Ocean Class AGOR Phase II Schedule

- Phase II: Detailed Design & Construction
 - Contract award (AGOR 27) – 14 October 2011
 - Scheduled contract events
 - Post award conference 7 & 8 November 2011
 - First design review 13 & 14 December 2011
 - Start of Construction Summer 2012
 - Option for AGOR 28 Early 2012
- Deliveries:
 - Early FY 2015 & Mid FY 2015





General Characteristics

Length overall	238'-0"
Waterline length	230'-0"
Maximum breadth (molded)	50'-0"
Depth to Main Deck	22'-0"
Draft	15'-0"
Sustained speed	12 knots
Max speed (estimated)	12.8 knots
Installed brake horsepower	2,324 hp
Installed total power	3,952 kw



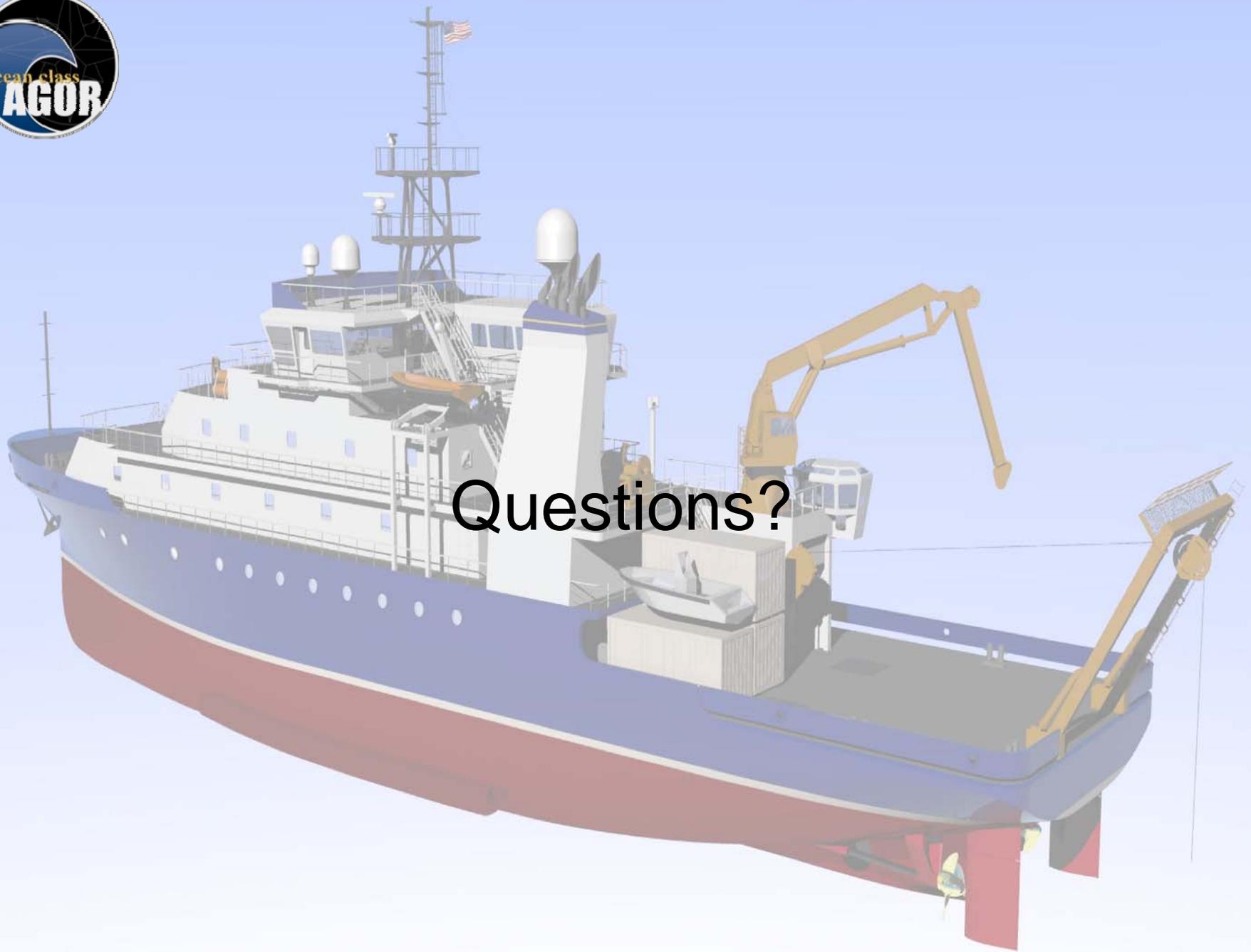
General Characteristics

Lightship weight (with 5.5% design and build margin)	2,058 LT
Full load displacement (with SLA)	3,024 LT
Range (at sustained speed)	11,500 nm
Endurance	40 days
Accommodations	20 single crew staterooms 12 scientist double staterooms



Is this a “Green Ship?”

- Greener than It's predecessors – but design and construction are to standard commercial requirements for the most part.
- Tier II engines (Tier III engines problematic in this size range).
- Integrated Diesel/Electric propulsion and electrical plant allows for efficient use of generator sets and maximum fuel/engine efficiency.
- Meets all MARPOL, EPA and State of California Environmental Regs.
- Capable of holding all black water, gray water and food waste for at least 96 hours without any discharges.
- Capability to compact, store and incinerate solid waste and waste oil.
- Acoustic treatments to reduce radiated noise below a Navy defined threshold.
- Stringent Airborne noise standards to provide a safer and more habitable environment for crew and scientists.
- UV Ballast Water Treatment System.
- Use of waste heat for water making and in the HVAC heating system.
- Shipyard that maintains cleanliness and processes that meet State of Washington and EPA environmental regulations.



Questions?