



Update on Dr. Ballard's Ocean Exploration Trust *R/V Nautilus*





**Owner- Ocean Exploration Trust- 501C3
Narragansett, Rhode Island
Managed- Irish Maritime Management
Flagged- St. Vincent & the Grenadines
ABS classed- Ice Strengthened
Approximate Day Rate- 30,000/day**



R/V A.v. HUMBOLDT- former name

Built- 1967 at Peene Werft Wolgast

Modified- 1970 as a research vessel for
Institute for Marine Research

Fully Reconstructed- 1977/78

Length Overall 64.23 meters

Length: p.p 56.15 meters

Beam: 10.5 meters

Draft (max.): 5.20 meters

Free board: 1.86 meters

Service Speed 10kn (max. 12 kn)

Main engine: type 6 NZD 72, 1286 kW

Propulsion: variable pitch propeller

Berths: 46-(16 crew & 30 sci/techs)



**R/V A.v. HUMBOLDT- former name
R/V Nautilus- renamed**

Former German Hydrographic Ship

Dry Lab- 17 sq. meters

Chemical Lab- 20 sq. meters

Biological Lab-22.5 sq. meters

Computer Lab- 14 sq. meters

Electronics Lab-17 sq. meters

Physics Lab- 11 sq. meters

A-Frame- 5 ton

Side Frame- 4 ton

CTD Winch

Hydrographic Winches

Fiber Optic Cable- 4000 meters



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Shakedown cruise completed

High Value telepresence

40 % - Archeological Oceanography

60 %- Ocean Exploration

Shipyard planned for April 2010 to install DP and enlarge the A-frame. Improve general oceanographic capabilities.



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2010 Draft Schedule

Operating 15 June to 15 December 2010

Black Sea to Aegean Sea to Eastern
Mediterranean to Red Sea to Indian
Ocean

Homeport & Exhibit Center in Yalikavak,
Turkey

Concerted effort to engage oceanographic
community. Working out how to
implement an exploratory paradigm.
Hope is that discoveries will lead to new
research initiatives.