



# NURC SHIPS



**NRV ALLIANCE**



**CRV LEONARDO**

*Ian Sage*



# NRV ALLIANCE



## Characteristics:

- LOA 93m
- Beam 15,2m
- Draft 5.2m
- Gross Tonnage 3180t
- Shaft power 2970kw giving sustained speed of 16.3 kts
- Effective range 7200nm with 26 day endurance
- Diesel / Gas turbine electric drive with 2 screws and bow thruster
- Complement 24 crew and 25 scientific staff





# NRV ALLIANCE



## Characteristics:

- Designed as acoustically silent platform with 8 different noise states ranging from silent battery operation to main diesel propulsion.
- Gas turbine operation for silent towing speeds up to 6 kts.
- Large scientific laboratory
- Fully integrated electronic navigation, engine automation and station keeping capability.
- Extensive suite of deck handling equipment
- 2 offshore RHIB's capable of 35+ kts
- Full satellite communications with advanced networks and broadband internet access.



# CRV LEONARDO



## Characteristics:

- LOA 28.6m
- Beam 9.0m
- Draft 2.5m
- Displacement 393t
- Power 1170 kw
- Max speed 10.5kts
- Diesel electric drive
- 2 Azimuth pod thrusters
- Water pump jet bow thruster
- Full dynamic positioning (SDP11)
- 5 kt low noise configuration





# UPDATE & FUTURE PLANS



- NATO future study
- Smaller organisation, streamlined NATO Command Structure, Agency review
- Future of S & T within NATO
- Introduction of hybrid funding for NURC
- More customer funding to include industry
- LEONARDO changed to ITN crew and changed flag to ITN Military
- ALLIANCE options being examined



# Ocean and Coastal



‘From the beach to the deep ocean’

NATO UNCLASSIFIED