



SCIENCE AND TECHNOLOGY ORGANIZATION
CENTRE FOR MARITIME RESEARCH AND EXPERIMENTATION



NRV ALLIANCE

MISSION IN BRIEF

To provide a quiet, state-of-the-art platform for scientists from all NATO nations to conduct research and test new technologies at sea throughout the year.

OVERVIEW

The quietest ship in its class, the NATO Research Vessel (NRV) *Alliance* was designed to minimize noise radiating from the ship into the water, making it an excellent platform for sonar testing and other types of research where a quiet undersea environment is essential. The 93-metre, 3,180-ton, open-ocean research vessel offers 400 square metres of laboratory space and state-of-the-art navigation, computer, and communication equipment. The ship has been constantly updated and in recent years has been utilised for the full spectrum of underwater research ranging from inshore AUV work and surveys to deep ocean multi array anti-submarine projects in support of NATO's military research requirements.

Due to the unique and specialized capabilities and characteristics of the *Alliance*, CMRE is one of the premiere maritime research and technology centres in the world. With year-round access to the ocean onboard the ship, scientists and researchers have frequent opportunities for at-sea experimentation and field testing, enabling cooperation and collaboration among top scientists and engineers from NATO's 28 member nations. With up to 25 scientific berths available in comfortable single and double berth cabins the vessel provides all of the support requirements necessary to conduct round the clock scientific operations in all weather conditions.

The *Alliance* is owned by NATO. The *Alliance* has also participated in joint NATO navy exercises, such as the Proud Manta series, the largest annual antisubmarine warfare exercise in the world.

CONTACT

For general inquiries, contact CMRE Public Affairs Office: pao@cmre.nato.int



Top: The *Alliance* underway.
Bottom: Retrieving an autonomous underwater vehicle.