

SONAR SYSTEMS



GENERAL DYNAMICS
Mission Systems

GIVING YOU EYES ON THE INVISIBLE

General Dynamics Mission Systems–Canada provides a range of high performance exportable sonar systems suitable for a variety of platforms and missions.

Hull Mounted Sonar

- Multiple sizes to suit ship sizes and hull forms
- Wide frequency band support multiple missions
- High source levels maximize target detection

Towed Sonar

- Critical (inline projector) or depressed angle (tow body) towed systems available to meet size and budget constraints
- High source, low frequency active and passive systems

Sonobuoy Processor

- Active and passive sonobuoy processing
- Support for multistatic operations with ship or outboard sources
- Local or beyond line of site (ship-helo link) buoy processing

Autonomous Underwater Vehicles

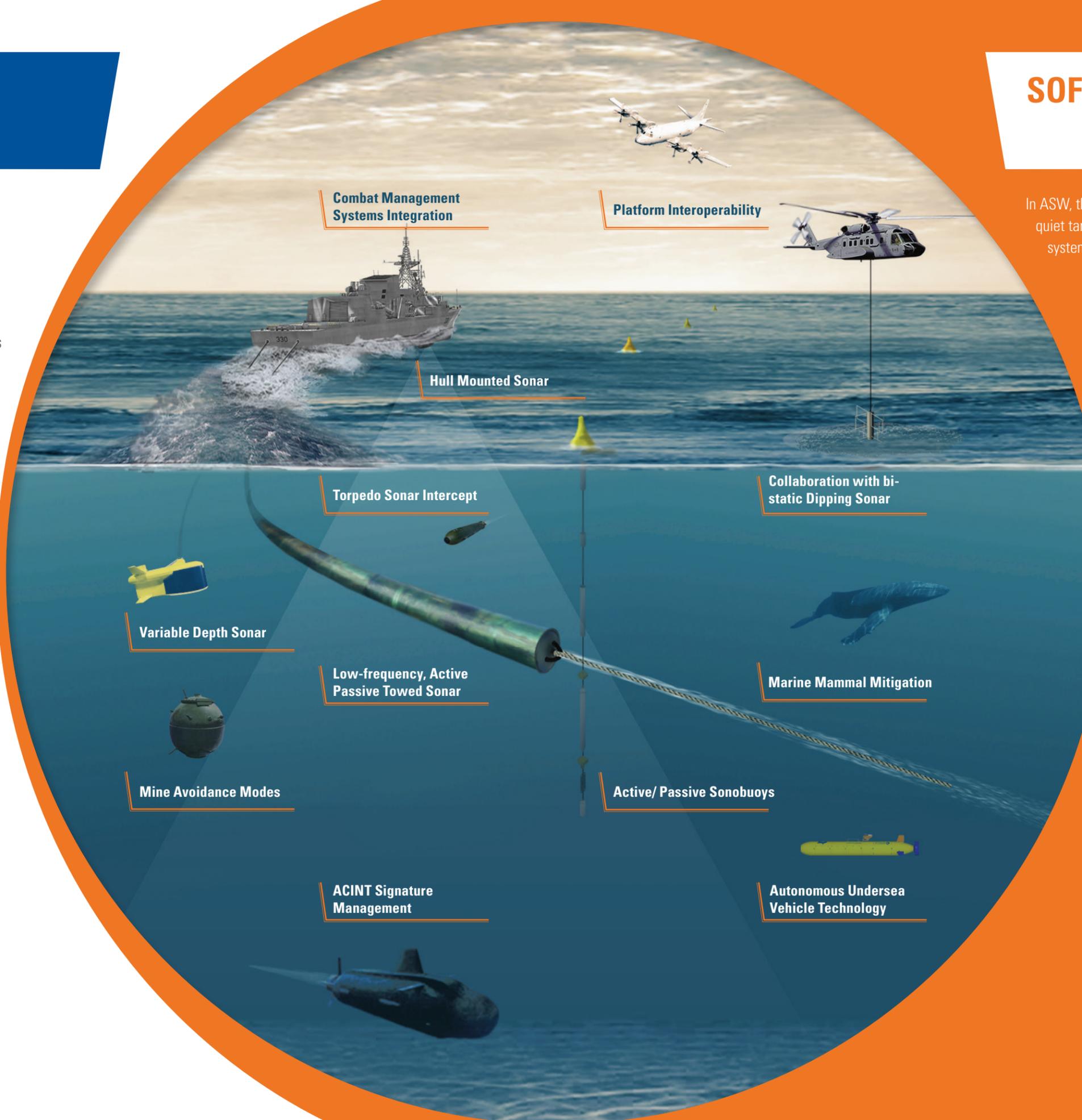
- Multiple vehicle sizes available
- Support for sonar or custom payloads

SOFTWARE THAT MAKES THE DIFFERENCE

In ASW, the right software makes all the difference against quiet targets. General Dynamics has been providing sonar systems and processing to allied Navies for over 40 years.

Fully Integrated Sonar Processing

- Concurrent active and passive processing of all sensors
- Situational awareness display fuses all underwater sensors with combat system tracks
- User configurable acoustic displays to best suit the mission
- Acoustic intelligence database integration
- Standard interface for easy integration with ship's combat system
- Bi-static/ multistatic processing using on/off-board sensors
- Long range torpedo detection and classification capabilities
- Modular architecture supports easy integration of third party applications
- Marine Mammal detection and classification
- Optional provision of sonar workstations or installations on existing equipment



SCALABLE SOLUTIONS TO SUIT ANY MISSION



OPV

Corvette

Frigate

Destroyer

SONAR SYSTEMS PROVIDER TO THE WORLD



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