



SNC • LAVALIN

Minor Warships and Auxiliary Vessels

Since the mid-1990s, SNC-Lavalin has provided in-service support for Royal Canadian Navy (RCN) minor warship and auxiliary vessels.

Leveraging its comprehensive expertise in defence, logistics, the marine industry and operations and maintenance (O&M), it provides end-to-end lifecycle support, including engineering, documentation management, inspections/surveys, dockings, deployments and warehousing. Its mandate currently covers 73 ships in 24 different classes, including 12 Kingston-class Maritime Coastal Defence Vessels (MCDV).

Our Offering and Expertise

SNC-Lavalin was the prime contractor on the MCDV build program, giving it unparalleled knowledge of these ships' design and systems. The program was considered a major success by the Canadian government, which was a key factor in the awarding of the RCN's first full-scope in-service support contract.

SNC-Lavalin offers the RCN value for money through arm's-length competition and by establishing a quality level that is both achievable by the commercial marine industry and acceptable to the client. Moreover, by pioneering naval in-service support, it has allowed the RCN to more effectively deploy its resources: since the client can rely on industry for long-term support of its minor warship and auxiliary vessels, it can focus its own repair capabilities on major warships and submarines.

SNC-Lavalin's Canada-wide network of suppliers, including local subcontractors and shipyards, allows it to manage repair and maintenance services on both coasts. Thanks to its size, diversity and experience, it possesses the capacity to execute 14,000 work orders per year. It has the flexibility to expand the scope of the contract and increase the speed of delivery while maintaining the same quality standards. This flexibility also enables it to accommodate the challenges of a highly complex

O&M environment, including resource constraints, volatile contract funding cycles and security clearance requirements for personnel.

SNC-Lavalin has a global reach and proven track record of delivering defence and logistics solutions, even in remote locations or challenging conditions. It offers 24/7 year-round availability to deliver mission-critical support wherever vessels travel.

Execution

O&M services are handled by an efficient team of operationally experienced professionals and support staff at four project offices. These are fully networked with the client and use a tailored management system to provide integrated service delivery on time and on budget. The team works collaboratively with over 600 suppliers, 99% of which are direct Canadian labour.

Along with regular maintenance activities, SNC-Lavalin has maximized the value of the client's assets by making engineering upgrades to the propulsion systems, electronics, communication systems and other areas. Ships designed for 17-day missions can now handle 90-day missions, greatly enhancing their versatility.

The adoption of new technologies and industry best practices has led to many project innovations. Digital technology has been used to deliver computer-based training, share information such as design drawings on site using tablets and other IT tools, and manage workflows more effectively.



Outcomes

SNC-Lavalin was the first supplier to offer full-scope support for RCN vessels. Many personnel have worked on the ships for over two decades, giving them exceptional product knowledge, in-depth understanding of the assets' lifecycle and a strong sense of pride and ownership, reflected in low staff turnover.

To date, SNC-Lavalin has supported hundreds of deployed missions and over 150 dockings in Canada. By fully meeting its contract responsibilities, rigorously applying project management standards and implementing a world-class safety management system, it has developed a positive long-term relationship with the client and grown the program to provide additional value. It has also developed a relational charter with various stakeholders that enables issues to be escalated and resolved flexibly.

ANNUAL AVERAGE OF

14,000



WORK
ORDERS

24

YEARS

OF IN-SERVICE-SUPPORT
FOR THE CANADIAN NAVY

73

VESSELS



24

CLASSES



Operations & Maintenance Services

Our team of experienced engineers deliver a full-scope of Operations & Maintenance services for a wider range of traditional, complex and high-tech infrastructure assets across the multiple sectors including;



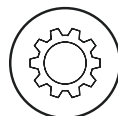
Highways & Bridges



Rail & Transit



Defence & Logistics



Industrial Facilities



Buildings & Facilities



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