



Marine Procurement Outlook

- Tuesday, October 17, 2023
- 10h20-12h00
- Vancouver Convention Centre, West Building
- 1055 Canada Place
- [Click for Conference Schedule](#)



Priorities in Marine Procurement

Emily Wehbi
Director, Marine Services and Strategic Initiatives
Public Services and Procurement Canada

emily.wehbi@tpsgc-pwgsc.gc.ca



DND Marine Procurement Outlook

Captain(N) Frédéric Pierre
Director, Maritime Equipment Program Management (Non-Combatants) Department of National Defence

Frederic.pierre@forces.gc.ca



CCG Marine Procurement Outlook

Neil O'Rourke
Director, Marine Engineering, Integrated Technical Services
Canadian Coast Guard

Neil.ORourke@dfo-mpo.gc.ca



TC Marine Procurement Outlook

Scott Crombie
Manager, Strategic Program Policy
Transport Canada

scott.crombie@tc.gc.ca

Gov't of BC Marine Procurement Outlook

Brian Jonker
Executive Director
Marine Branch
Ministry of Transportation and Infrastructure

Brian.Jonker@gov.bc.ca



Presenter Introduction

Emily Wehbi

Emily is currently the Director of the Marine Services and Strategic Initiatives directorate at Public Services and Procurement Canada (PSPC), where she is responsible for a diverse breadth of programs and initiatives related to marine procurement modernization, industry engagement, increasing Indigenous participation in procurement, greening, environmental remediation and vessel recycling services. Prior to joining the Defence and Marine Procurement Branch, Emily was the director of PSPC's Cabinet Submissions directorate where she was responsible for the management and oversight of the department's Treasury Board submissions. Emily has also worked for the Department of Justice, the Department of Canadian Heritage and the Parks Canada Agency.

Priorities in Marine Procurement

Emily Wehbi, Director, Marine Services and Strategic Initiatives,
Public Services and Procurement Canada

Emily.Wehbi@tpsgc-pwgsc.gc.ca

Future opportunities to do business with Canada will include requirements in support of the following priorities:

- Increasing Indigenous Participation in Federal Procurement
- Greening
- Innovation
- Diversity, Equity and Inclusion

Increasing Indigenous Participation in Procurement

- **5% Mandate Letter Commitment:** Mandatory *minimum* target of at least 5% of the value of federal departments' contracts to be awarded to Indigenous suppliers.
 - Can be accomplished through subcontracting.
 - Both goods and services contract values apply.
- **Indigenous Participation Plans:** May present as a requirement to bid on an RFP. Could include subcontracting, employment and/or apprenticeship opportunities.

Partnership with Indigenous Peoples

Key Principles

- Territory
- Long-term vs. transactional
- Early engagement
- Scalability

"Reconciliation is about ensuring that everything we do today is aimed at that high standard of restoring balance in the relationship between Aboriginal and non-Aboriginal people."

Justice Murray Sinclair, Chair, Truth and Reconciliation Commission of Canada



Greening

Areas of interest:

- Hull cleaning and coatings
- Environmentally responsible disposals
- Shore power / electrification
- Energy efficiency and measurement

Innovation

GC programs to watch:

- IDEaS: Innovation for Defence Excellence and Security (DND)
- Impact Canada (PCO)
- Strategic Innovation Fund (ISED)
- Clean Transportation Systems Research and Development Program (TC)
- NATO DIANA accelerator programme

Diversity, Equity and Inclusion

Diversity is Canada's strength.

The Government of Canada is committed to removing barriers and promoting a marine industry where every supplier is able to fully participate and has an equal opportunity to succeed.

Promoting a diverse, equitable, and inclusive marine community is not just the smart thing to do; it is also the right thing to do.



Questions?

To learn more about how to do business with Canada:

Procurement Assistance Canada (PAC)

SAC-PAC@tpsgc-pwgsc.gc.ca

1-800-811-1148

To register on the Indigenous Business Directory:

Indigenous Services Canada (ISC)

IndigenousProcurement@canada.ca

1-800-400-7677

www.canada.ca/indigenousbusinessprocurement



National
Defence Défense
nationale

ADM(Mat) / SMA(Mat)

DGMEPM / DGGPEM



CANADIAN
ARMED FORCES

Department of National Defence Procurement Outlook 2023

October 17, 2023

Association of British Columbia Marine Industries Business
Opportunities Conference and Trade Show

Canada



Captain (Navy) Frédéric Pierre

Director Maritime Equipment Program Management (Non-Combatants)

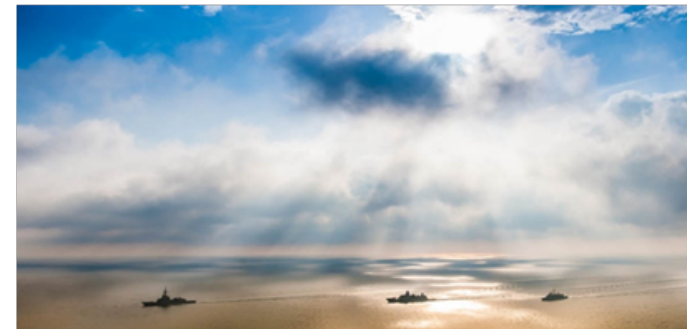
- *RMC Graduate (BEng, 1992)*
- *Engineering Officer – HMCS Regina*
- *Commanding Officer – Naval Engineering Test Establishment*
- *NDHQ – Materiel Acquisition & Support, Information, Personnel, Innovation and Executive Governance*





Presentation Overview

- Present DND current fleet, priorities and key contacts.
- Provide program-based outlook
- Support interactive discussion with participants in the room and online





RCN at a Glance “*People, Platforms, Ready to Fight*”

- *12 Halifax class FFHs*
- *4 Victoria class SSKs*
- *4 Harry deWolf class AOPVs*
- *12 Kingston class MMs*
- *8 Orca class PCTs*
- *> 50 Auxiliary vessels*
- *> 500 RHIBs/IBs (RCN)*

- *> 500 IBs/RHIBs (CA/RCAF)*
- *> 450 Sail boats (Cadets)*





Key RCN/DGMEPM Contacts



Cmdre J. Armstrong
DGNFD



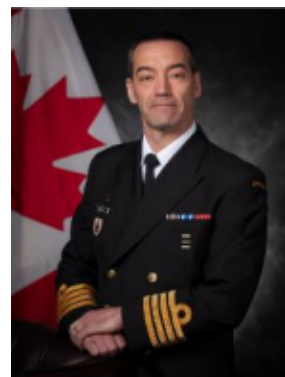
RAdm D. Charlebois
DGFS



Cmdre K. Coffen
DGMEPM



Capt(N) A. Graham
DNR



Capt(N) M. Tremblay
DNMCP(C)



Capt(N) G. Noseworthy
DNMCP(NC)



Capt(N) D. Chouinard-Prevost
DMEPM(MSC)



Capt(N) F. Pierre
DMEPM(NC)



Capt(N) E. McCallum
DMEPM(SM)



Capability Acquisition

- *AOPS, JSS, CSC*
- *Naval Large Tug*
- *Multi-Role Boat*
- *Various Small Boat Minor Projects*

- *Land-Based Test Facility*
- *Combat Training & Integration Centres*
- *Jetties (East, West)*
- *Training System*

- *Naval Reserve Units*
- *Auxiliary vessels, ranges, moorings*
- *... and Victoria, Kingston and Orca capability replacements*





Capability Acquisition (Near Term)

Procurement	Description	Timing
<i>RCN Intelligence, Surveillance, Target Acquisition and Reconnaissance UAS Acquisition and Sustainment</i>	<i>RFP</i>	<i>Nov 2023</i>
<i>VCM Periscopes Acquisition and Sustainment</i>	<i>Draft RFP</i>	<i>Fall 2023</i>
<i>VCM Flank Array Acquisition</i>	<i>Draft RFP</i>	<i>Fall 2023</i>
<i>Combat Dive Team RHIB</i>	<i>RFP</i>	<i>2024</i>
<i>CAF Diving Lights</i>	<i>RFP</i>	<i>Fall 2023</i>
<i>Sea Truck - Short</i>	<i>RFP</i>	<i>Fall 2023</i>



Ship/Equipment Sustainment

- *Sustain the RCN's operational capabilities, and personnel competencies, to maintain readiness levels*
- *Modernization (SSK)*
- *Life extensions (FFH, MM)*
- *Advanced Condition Analysis (PCT)*





Ship/Equipment Sustainment (Near Term)

Procurement	Coast	Description	Timing
<i>Max Bernays (AOPV)</i>	<i>West (coastal transfer)</i>	<i>SWP/ISS (through AJISS – Thales)</i>	<i>Spring 2024</i>
<i>VISSC II</i>	<i>East and West</i>	<i>Draft RFP</i>	<i>Spring 2024</i>
<i>Whitehorse (MM), YD250 (crane), Tillicum (tug), Black Duck (YAG)</i>	<i>West</i>	<i>Dockings (through MWAV IV – Thales)</i>	<i>Spring-Summer 2024</i>
<i>Stikine (TSRV), Parksville (tug), Abalone (tender), YDG 3 (barge)</i>	<i>West</i>	<i>Dockings (through MWAV IV – Thales)</i>	<i>Summer-Fall 2024</i>
<i>Winnipeg (FFH)</i>	<i>West</i>	<i>Dockings (through VSL)</i>	<i>2024-2026</i>
<i>Haro, Barkerville (NLT)</i>	<i>West (delivery)</i>	<i>SWP/ISS (through MWAV IV – Thales)</i>	<i>Summer 2024</i>



Ship/Equipment Sustainment (Near Term)

Procurement	Coast	Description	Timing
<i>Windsor (SSK)</i>	<i>East</i>	<i>Docking (TBC)</i>	<i>Starting Winter 2024</i>
<i>Fresh Black and Bilge Water System Sustainment</i>	<i>East and West</i>	<i>RFP</i>	<i>2024</i>
<i>Moncton (MM), Merrickville (tug), YR 494 (barge)</i>	<i>East</i>	<i>Dockings</i>	<i>Spring-Fall 2024</i>
<i>Kingston (MM), Glenevis (tug)</i>	<i>East</i>	<i>Repairs</i>	<i>TBC 2024</i>
<i>Summerside (MM), Oriole (ketch)</i>	<i>East</i>	<i>Dockings (through MWAV IV – Thales)</i>	<i>Fall 2024-Winter 2025</i>
<i>Montreal, Fredericton (FFH)</i>	<i>East</i>	<i>Dockings (through ISI, CDCI)</i>	<i>2024-2026</i>
<i>Diving and Recompression Chamber Sustainment</i>	<i>Across Canada</i>	<i>Draft RFP</i>	<i>Spring 2024</i>
<i>Simulation Development, Operations and Support Services</i>	<i>N/A</i>	<i>RFP</i>	<i>Fall 2023</i>



Innovation/Digitalization

“The CAF must transform. And transform we shall. We will not simply incorporate Digital – we will become Digital.”

- *UxV*
- *C-UAS*
- *ASW*
- *Information Warfare*
- *Training*
- *Maintenance*



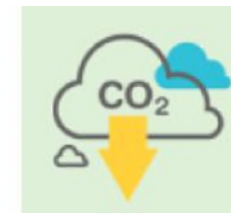
InnovationRCN@forces.gc.ca

NTIPCoord-CoordPITN@forces.gc.ca



<http://dgpaapp.forces.gc.ca/en/defence-capabilities-blueprint/index.asp>

<http://dgpaapp.forces.gc.ca/fr/programme-capacites-defense/index.asp>





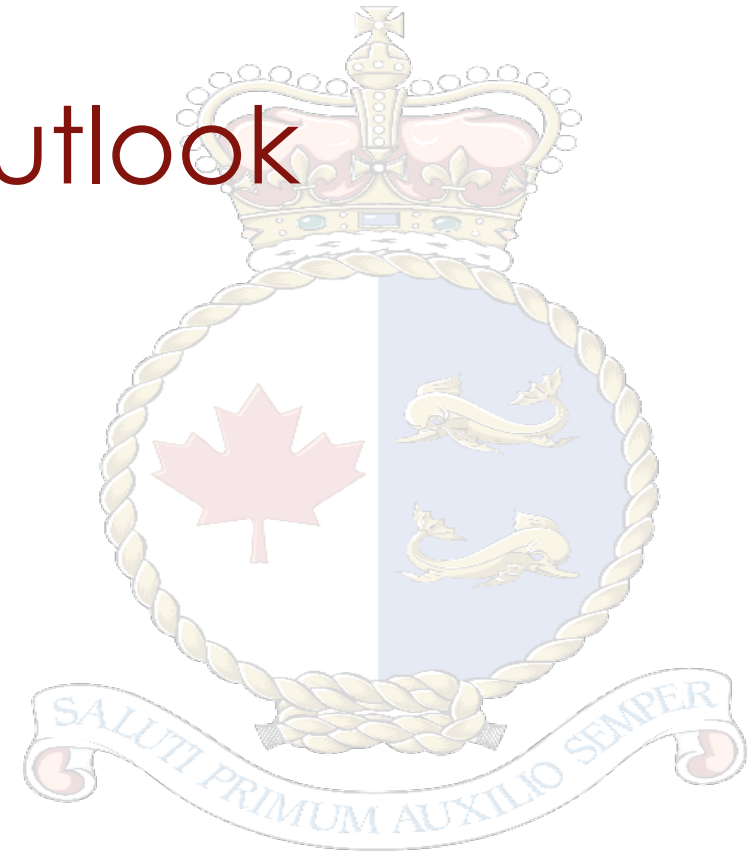
Canada 



2023 CCG Procurement Outlook



October 2023



Presenter Introduction

- Neil O'Rourke, Director General of Integrated Technical Services.
- Started with the Canadian Coast Guard in 2009.
- First Assistant Commissioner, of the newly created Arctic region in 2018.
- Director General, Integrated Technical Services as of January 2023.



From Coast to Coast to Coast

The Canadian Coast Guard is a special operating agency within Fisheries and Oceans Canada. We work to ensure the safety of mariners in Canadian waters and protect Canada's marine environment.

We support Canada's economic growth through the safe and efficient movement of maritime trade. We help to ensure our country's sovereignty and security through our presence in Canadian waters.

On An Average day, the Coast Guard:

- Saves 13 lives through on water response
- Assists 43 people in Search and Rescue (SAR)
- Coordinates an additional 6 responses through the Joint Rescue Coordination Centre (JRCC)
- Manages 1,100 vessel movements
- Carries out 11 fishery patrols
- Supports 11 scientific surveys
- Deals with 3 reported pollution events
- Surveys 3.5 km of navigation channel bottom

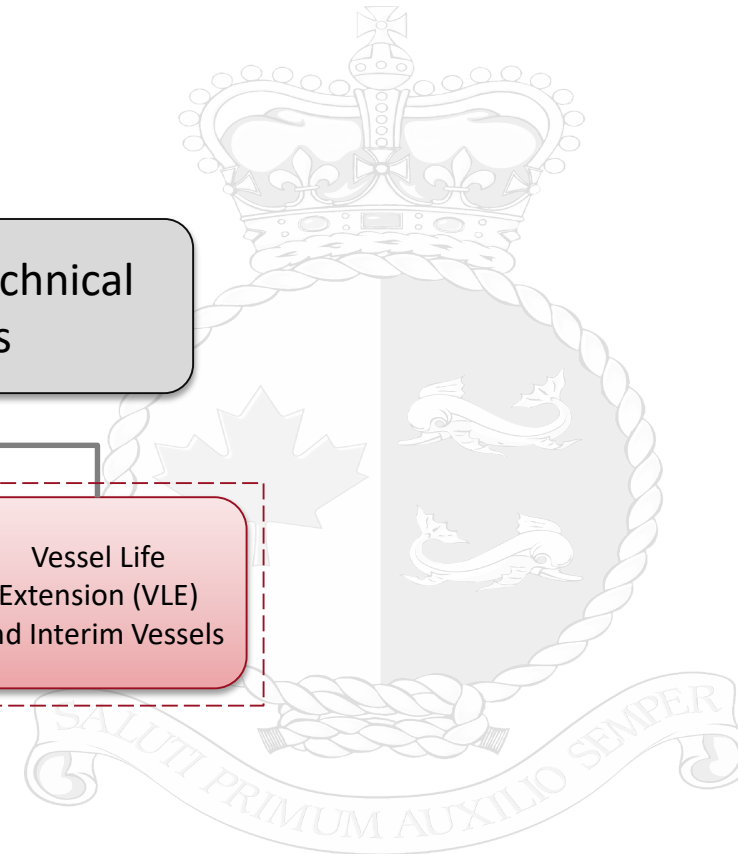
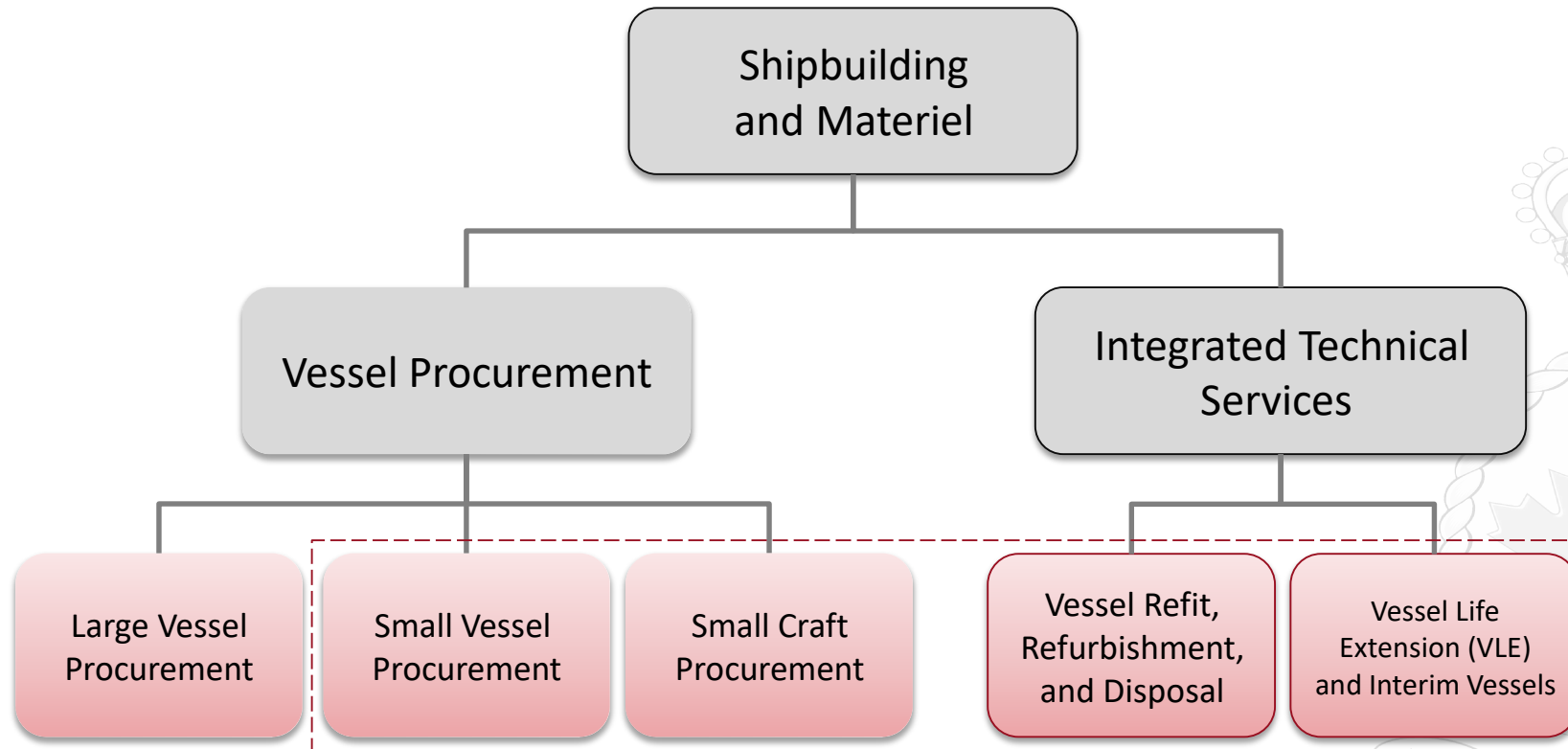


Coast Guard Fleet Assets

- 44 Large Vessels
- 21 Small Vessels
- 57 SAR Lifeboats
- 4 Air Cushion Vehicles
- 23 Helicopters
- Over 1200 Small Craft

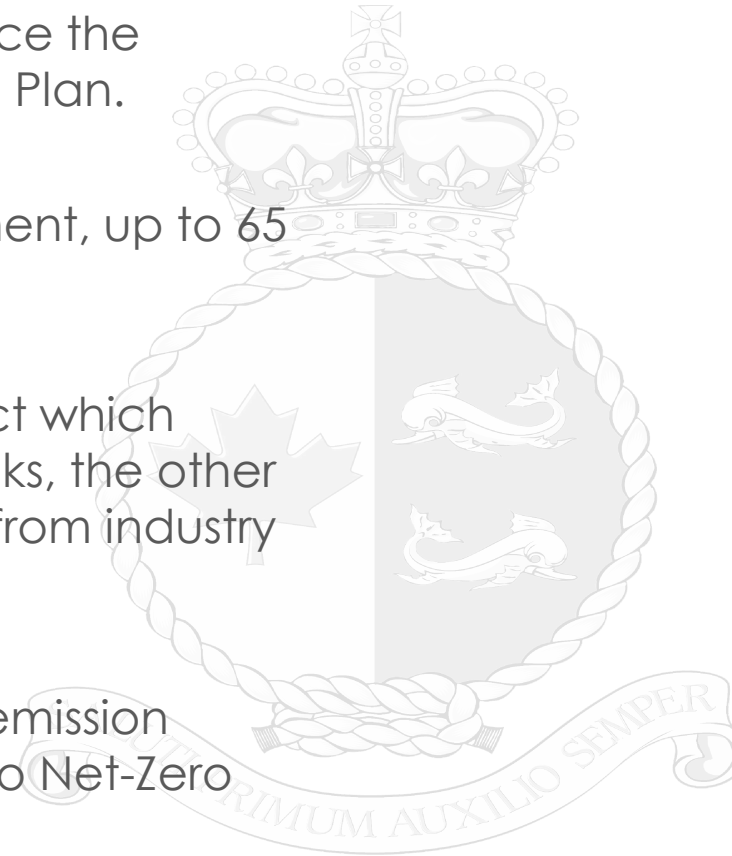


Vessel Related Procurement at CCG



Small Vessel Procurement

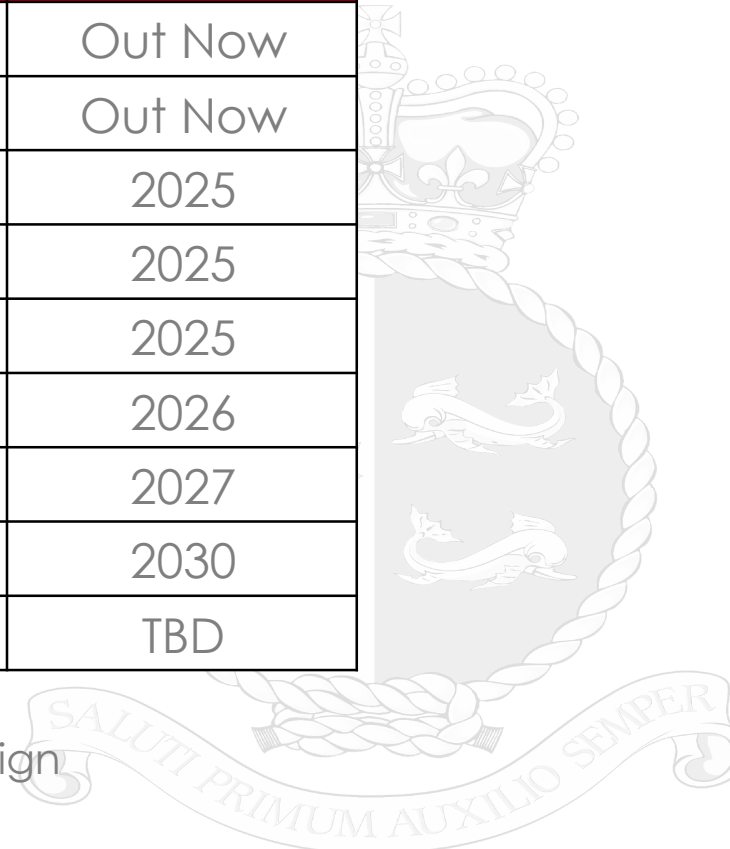
- The Small Vessel Portfolio is part of the Vessel Procurement division under the Shipbuilding and Materiel group of the Canadian Coast Guard (CCG). The purpose of the Small Vessel Portfolio is to initiate, define, implement, and close acquisition projects to replace the CCG's small vessel fleet as part of the CCG Fleet Renewal Plan.
- In line with the May 2023 Small Vessel funding announcement, up to 65 small vessels will be procured between now and 2045.
- Aside from the Near Shore Fisheries Research Vessel project which should be starting the build phase within the next few weeks, the other small vessel projects will be seeking vessel design services from industry within the next few years.
- Future vessel designs will focus on green technology and emission reduction measures aligned with Canada's commitment to Net-Zero by 2050.



Upcoming Small Vessel Construction Packages

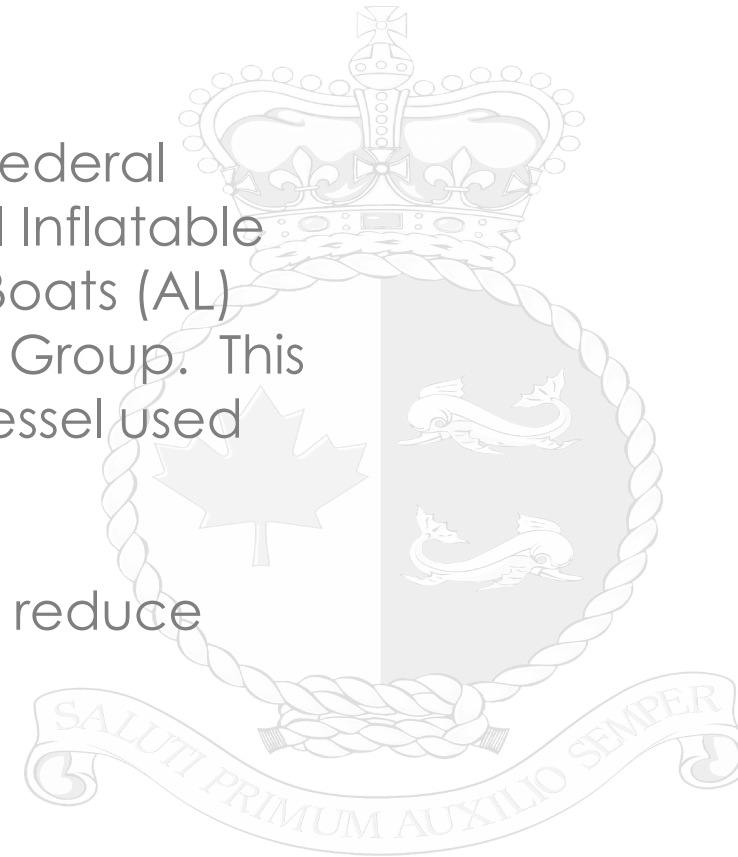
Vessel Class	Length / Width / Draft (m)	Contract Type	Timing
Near Shore Fishery Research	32 / 3.4 / 10.5	Build	Out Now
Air Cushion Vehicle	28.5 / 12 / NA	Design ACAN	Out Now
Special NavAids	49 / 13.4 / 1.4	Design	2025
Special Shallow Draft Buoy Tender	23 / 6 / 1.4	Design	2025
Inshore Science	18 / 5.2 / 1.5	Design	2025
Special Enforcement	14.6 / 5.1 / 0.8	Design	2026
Cape Class Search and Rescue	14.6 / 4.3 / 1.4	Design	2027
Lake Class	19.8 / 7.3 / 0.6	Design	2030
Mid Shore Multi-Mission	55 / 13 / 3.5	Design	TBD

Note: Build contracts will be normally be posted 2-3 years after design contracts. All dates are subject to change.



Small Craft Acquisition Program (SCAP)

- As of 2022, Coast Guard have increased the acquisition rate for replacement small craft. Each year approximately thirty (30) to fifty (50) small craft are purchased.
- Coast Guard has been working with PSPC on the Federal Multidepartment Supply Arrangement for Rigid Hull Inflatable Boats (RHIBs), Inflatable Boats (IBs) and Aluminum Boats (AL) through the Interdepartmental Small Boat Working Group. This Supply Arrangement is the primary procurement vessel used to purchase small craft.
- Greener technologies will be adapted overtime to reduce operational greenhouse gas emissions.



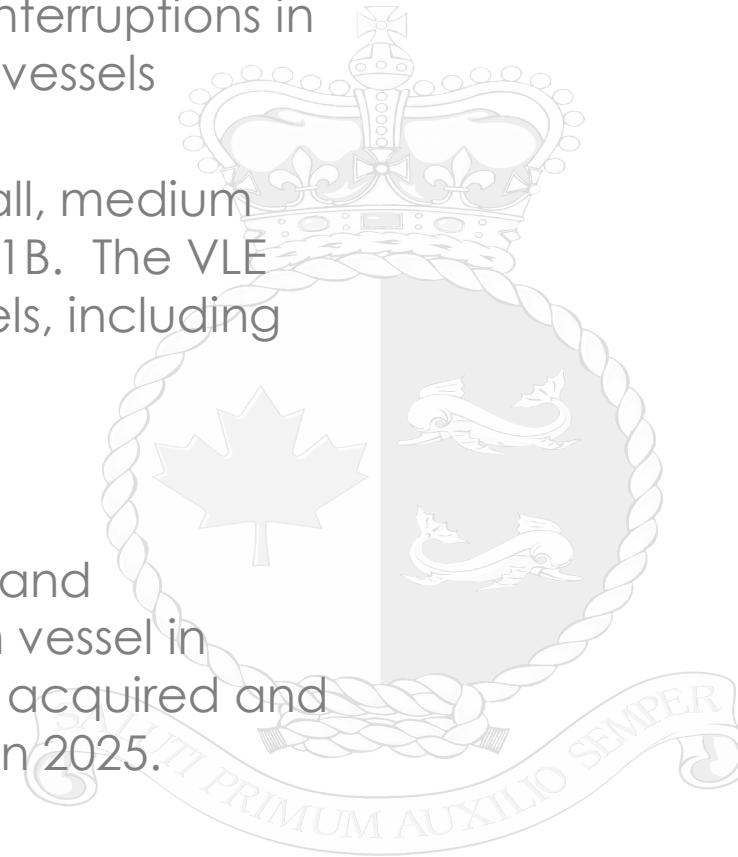
Vessel Life Extension and Interim Vessel Programs

Vessel Life Extension

- The Vessel Life Extension Program (VLE) consists of a set of interim measures to help the Canadian Coast Guard minimize interruptions in service delivery of its current fleet in anticipation of new vessels coming into service under the Fleet Renewal Plan.
- The program will be in place into the 2040s covering small, medium and large vessels. The VLE program overall costing is \$2.1B. The VLE program's mandate is to extend the life of up to 75 vessels, including 20 large vessels and 55 small vessels.

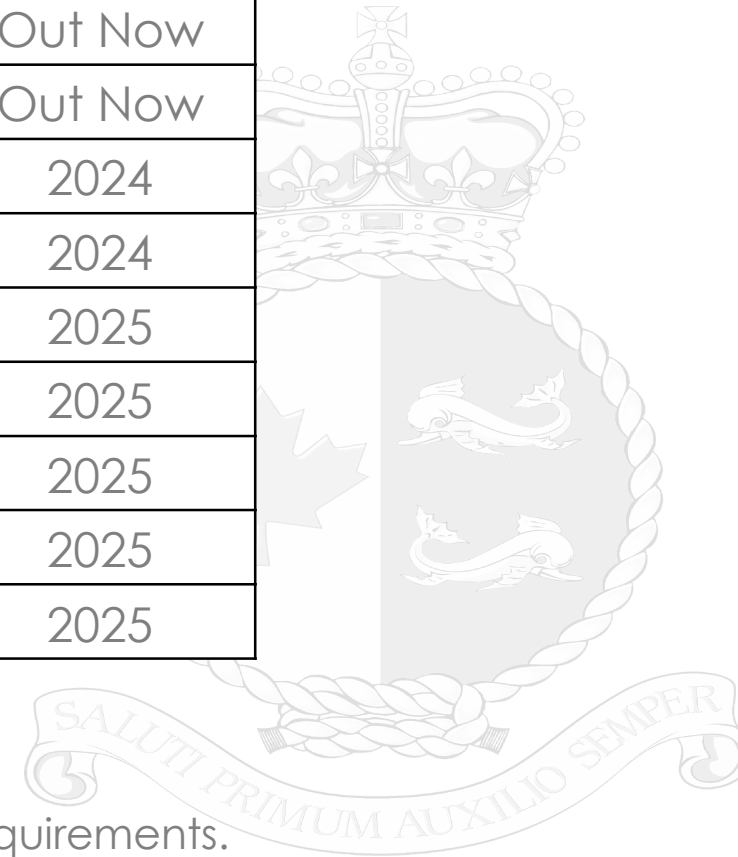
Light Icebreaker Project

- The Light Icebreaker Project (LIB) will see the acquisition and conversion of a light icebreaker to be used as an interim vessel in Coast Guard's fleet. The CCGS *Judy LaMarsh* has been acquired and will be undertaking conversion work to enter full service in 2025.



Upcoming VLE/LIB Tender Packages

Work Package	Coast	RFP Timing
CCGS <i>Judy LaMarsh</i>	East	Out Now
CCGS <i>Griffon</i>	East	Out Now
CCGS <i>John P. Tully</i>	West	2024
CCGS <i>Mamilossa</i>	East	2024
CCGS <i>Siyay</i>	West	2025
CCGS <i>Dumit</i>	West	2025
CCGS <i>Earl Grey</i>	East	2025
CCGS <i>Samuel Risle</i>	East	2025
CCGS <i>Sir William Alexander</i>	East	2025



Note: these dates are subject to change, based on operational requirements.

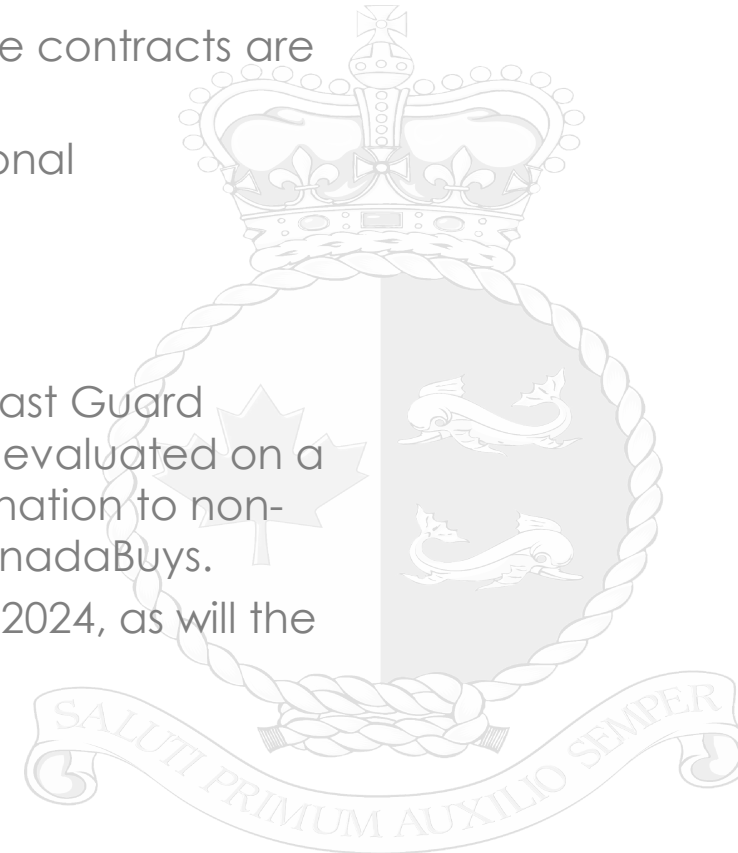
Vessel Refit, Refurbishment and Disposal

Vessel Refit and Refurbishment

- The Vessel Refit and Refurbishment programs fund the Level 2 and 3 maintenance for the Coast Guard fleet. Nominally \$154M per year is spent for refit and refurbishment.
- Refit and refurbishment is centrally managed, but the bulk of the contracts are issued through the Coast Guard regions.
- Contracts for refit and refurbishment highly depend on operational requirements, and planning is fluid for this work.

Vessel Disposal

- The Vessel Disposal team is responsible for the disposal of all Coast Guard vessels over 15 gross tons. There are numerous options that are evaluated on a case-by-case basis: transfer to other government agencies, donation to non-profits, sale via GC Surplus, or contracted recycling through CanadaBuys.
- The contracted recycling of the CCGS Teleost will be posted in 2024, as will the recycling of multiple older motor lifeboats.



Upcoming Refit and Refurbishment Tender Packages

Docking Work Periods	Tonnage (t)	Vessel Location	Work Start Date	Work End Date
CCGS Captain Molly Kool	3,382	Atlantic Region	Mar-24	Sep-24
CCGS Sir Wilfrid Laurier	3,812	Western Region	Jan-24	Apr-24
CCGS Amundsen	5,911	Central Region	Oct-24	Nov-24
CCGS Pierre Radisson	5,775	Central Region	Apr-24	Jun-24
CCGS Caporal Kaeble VC	253	Central Region	Nov-24	Jan-25
CCGS Captain Goddard MSM	253	Western Region	Nov-24	Dec-24
CCGS Vector	515	Western Region	Dec-24	Feb-25
CCGS Neocaligus	98	Western Region	Nov-24	Dec-24
CCGS Vladykov	254	Atlantic Region	Feb-24	Mar-24
CCGS Capt Jacques Cartier	2,975	Atlantic Region	Jan-24	Mar-24
CCGS Teleost	2,405	Atlantic Region	Jan-24	Feb-24
CCGS Cape Roger	1,255	Atlantic Region	May-24	Jun-24
CCGS Cygnus	1,234	Atlantic Region	Sep-24	Oct-24
CCGS Cap Aupaluk	21.6	Central Region	Nov-24	Apr-25
CCGS Cap de Rabast	33.8	Central Region	May-24	Oct-24
CCGS Cap Nord	33.8	Atlantic Region	May-24	Oct-24
CCGS Cape Ann	33.8	Western Region	May-24	Oct-24
CCGS Cape Edensaw	33.8	Atlantic Region	Nov-24	Apr-25
CCGS Cape Hearne	33.8	Central Region	Jun-24	Nov-24
CCGS Cape Kuper	33.8	Western Region	Jun-24	Nov-24
CCGS Traverse	70.7	Central Region	Dec-24	Apr-25
CCGS Viola M. Davidson	59.4	Atlantic Region	Apr-24	Apr-24

Note: these dates are subject to change, based on operational requirements.

<https://www.ccg-gcc.gc.ca/index-eng.html>



<https://www.facebook.com/CanadianCoastGuard>



<https://twitter.com/CoastGuardCAN>



<https://www.youtube.com/user/CCGrecruitmentGCC>

Questions?





Canada 

Transport Canada's (TC) Marine Procurement / Réseau d'approvisionnement maritime de Transports Canada (TC)

Scott Crombie, Manager, Strategic Program Policy / Gestionnaire, Politiques stratégiques de programme

TC's Anticipated RFPs / Demande de propositions prévue de TC

- Short Term / Court Terme
- Medium Term /Moyen Terme

TC's Dry Dock Opportunities / Possibilités de cale sèche de TC

- Short Term / Court Terme
- Medium Term / Moyen Terme

Presenter Introduction

Scott Crombie is a life-time public servant and has spent his entire career working in the Transportation sector. Scott started at Transport Canada in 2008 and has held positions in the Policy, Programs and Corporate Finance groups, and has worked on the delivery of major departmental contribution programs and Treasury Board submissions. Over the past three years, he has held the position of Manager in the Ferry Programs group. In this capacity he supports the management of the Eastern Canada Ferry Services, manages a federal grant to the Province of British Columbia, and leads Transport Canada's cost estimation work for the two new ferries to replace the MV Madeleine and the MV Holiday Island.



TC's Marine Procurement Outlook (Anticipated RFPs for Industry) : Short Term / Perspectives d'approvisionnement maritime de TC (DP prévues pour l'industrie) : Court Terme

Vessel / Traversier	Anticipated RFP / DP prévue	Description / Description
MV/NM Confederation	2024-2025	Sewage system Upgrade Mise à niveau du système d'égouts
MV/NM Confederation	2024-2025	Engine Control room alarm and monitoring system Système d'alarme et de surveillance de la salle de contrôle moteur
MV/NM Confederation	2024-2025	New Rescue Boats and Davits Nouveaux bateaux et bossoirs de sauvetage
MV/NM Fundy Rose	2025-2026	Shore Power Rating Increase Augmentation de la puissance nominale à quai
MV/NM Fundy Rose	2025-2026	Upgrade/Replacement of Existing Oil Fired Boiler Mise à niveau/remplacement d'une chaudière au mazout existante
MV/NM Fundy Rose	2025-2026	Upgrade to Atrium Canteen Amélioration de la Cantine de l'Atrium

TC's Marine Procurement Outlook (Anticipated RFPs for Industry) : Medium Term / Perspectives d'approvisionnement maritime de TC (DP prévues pour l'industrie) : Moyen Terme

Vessel / Traversier	Anticipated RFP / DP prévue	Description / Description
MV/NM Confederation	2025-2026	Complete Refurbishment of Crew Accommodations Rénovation Complète des Logements de L'équipage
MV/NM Confederation	2025-2026	Gallery Upgrade/Renewal Mise à Niveau/Renouvellement de la Galerie
MV/NM Fundy Rose	2025-2026	Addition of electrical heating to engine pre-heaters Ajout de chauffage électrique aux préchauffeurs moteurs
MV/NM Fundy Rose	2025-2026	Fuel System re-design Refonte du système de carburant
MV/NM Fundy Rose	2025-2026	Midlife refit Réaménagement de la quarantaine
MV/NM Fundy Rose	2025-2026	Upgrade/Replacement of Existing Oil fired Boiler Mise à niveau/remplacement d'une chaudière au mazout existante

TC's Marine Procurement Outlook (Anticipated Dry Dock Opportunities) : Short Term / Perspectives d'approvisionnement maritime de TC (Possibilités de cale sèche prévues) : Court Terme

Vessel / Traversier	Anticipated RFP / DP prévue	Anticipated Date / Date Prévue
MV/NM Confederation	TBD	Fall / Automne 2025
MV/NM Fundy Rose	TBD	Fall / Automne 2024
MV/NM Madeleine II	TBD	Spring / Printemps 2024

TC's Marine Procurement Outlook (Anticipated Dry Dock Opportunities) : Medium Term / Perspectives d'approvisionnement maritime de TC (Possibilités de cale sèche prévues) : Moyen Terme

Vessel / Traversier	Anticipated RFP / DP prévue	Anticipated Date / Date Prévue
MV/NM Fundy Rose	TBD	Fall / Automne 2026
MV/NM Madeleine II	TBD	Spring / Printemps 2026

Marine Branch

ABCMI – October 2023

Marine Procurement Outlook

Brian Jonker – Executive Director, Marine Branch,

Policy, Programs and Partnerships Division

brian.jonker@gov.bc.ca



Ministry of
Transportation
and Infrastructure

AGENDA

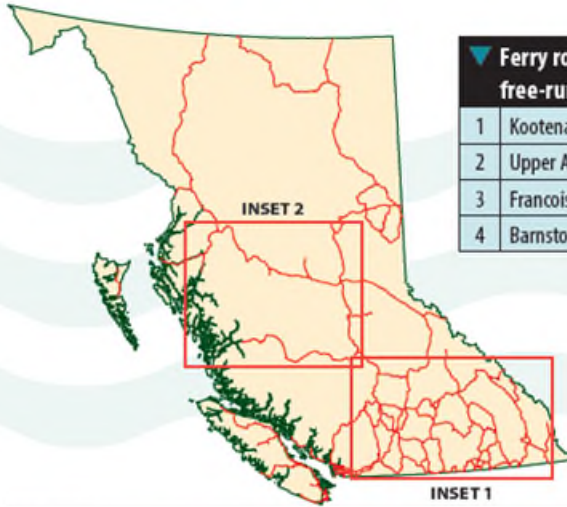
1. Inland Ferries

- Overview and Context
- Current Project
- Outlook

2. Coastal Ferries

- Overview and Context
- Outlook

Inland Overview and Context

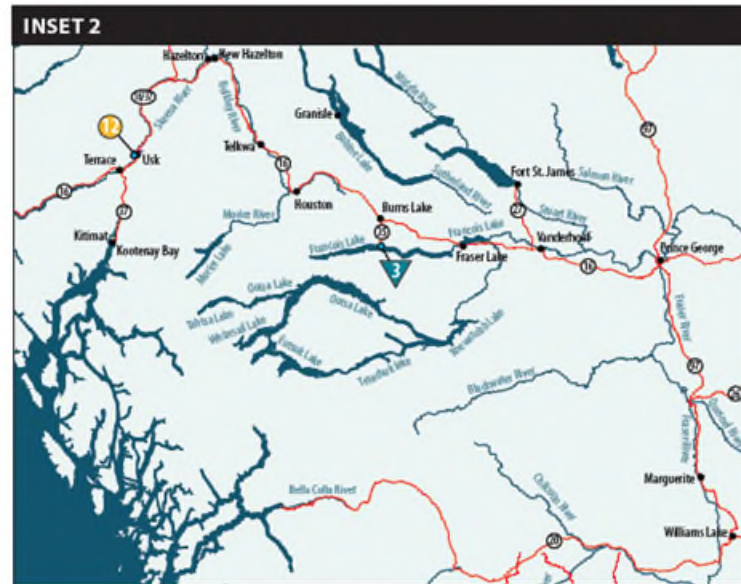
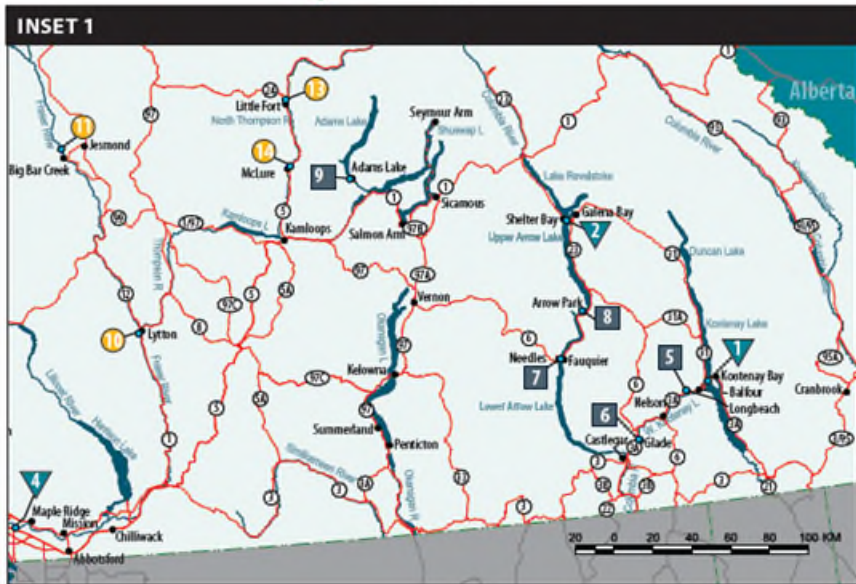


▼ Ferry routes using free-running vessels	
1	Kootenay Lake
2	Upper Arrow Lake
3	Francois Lake
4	Barnston Island on the Fraser River

■ Ferry routes using cable ferries	
5	Harrop on the Kootenay River
6	Glade on the Kootenay River
7	Needles on the Lower Arrow Lake
8	Arrow Park on the Columbia River
9	Adams Lake

● Ferry routes using reaction ferries (propelled by the current of the river)	
10	Lytton on the Fraser River
11	Big Bar on the Fraser River
12	Usk on the Skeena River
13	Little Fort on the North Thompson River
14	McLure on the North Thompson River

LEGEND	
	Numbered Highways
	Inland Ferry
	Town
	River



WESTERN PACIFIC MARINE



Ministry of Transportation and Infrastructure

Inland Overview and Context – Fleet Status



- 10 primary vessels shown.

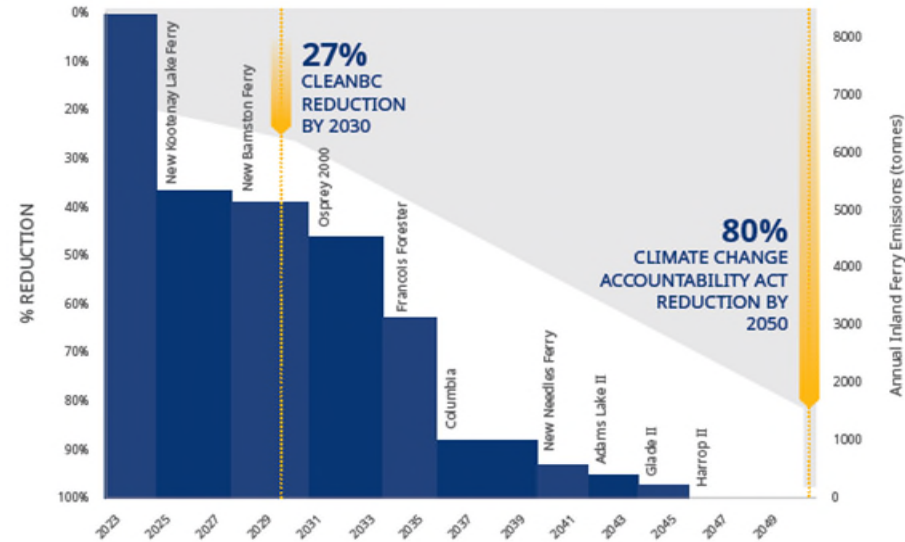
Inland Ferry Fleet Lifespan (Current Vessel Age, 2023).
Reaction ferries not shown.

Inland Overview and Context

Electrification Strategy

	VESSEL	END STATE	BY YEAR	ANNUAL EMISSION REDUCTION
FIRST TEN YEARS	COMPLETE			
	Conversion of CF ARROW PARK III 24 CAR FERRY	All-electric cable ferry	2023	120 mt
	PHASE 1: Essential Fleet Replacements			
	New KOOTENAY LAKE FERRY 55-CAR FERRY	New, all-electric free-run ferry	2025	3060 mt
	New BARNSTON ISLAND 10 CAR FERRY	New, all-electric free-run ferry	2028	170 mt
	PHASE 2: Free-Run Ferry Conversions			
	Conversion of MV OSPREY 2000 80 CAR FERRY	All-electric free-run ferry	2031	600 mt
	Conversion of MV FRANCOIS FORESTER 52 CAR FERRY	All-electric free-run ferry	2034	1450 mt
	Conversion of MV COLUMBIA 80 CAR FERRY	All-electric free-run ferry	2036	2100 mt

EMISSIONS REDUCTIONS



- Capital and Asset Management Plan informed by Inland Ferry Electrification Strategy.

Inland Overview and Context – Current Project

Kootenay Lake Ferry Replacement



- ~\$63 million
- ~55 AEQ
- Electric ready.
- 2025 completion target.



WESTERN PACIFIC MARINE



Ministry of
Transportation
and Infrastructure

Inland Overview and Context – Outlook

Kootenay Lake Ferry – MV Balfour Disposal



- New KLF to replace MV Balfour
- Disposal procurement targeted for 2026/27.
- Specs:
 - Built 1954
 - Steel
 - 28 AEQ
 - 150 passengers
 - Length: 55.40
 - Width: 14.63

Inland Overview and Context – Outlook

Barnston Island Ferry Replacement



- Project Scope: Terminals and Ferry
- Barge built in 1954
- 5 AEQ
- Pre-project Development underway.
- Vision is electric
- Procurement targeted for 2026/27

Inland Overview and Context – Outlook

Osprey 2000 Mid-Life Refit



- Refit: 2031
- Specs:
 - 80 AEQ
 - Ulstein Z-Drive
 - Caterpillar 3512B
 - Caterpillar 3306
- Refit to contemplate conversion to electric



WESTERN PACIFIC MARINE



Ministry of
Transportation
and Infrastructure

Inland Overview and Context – Outlook

Francois Forester Mid-Life Refit



- Refit 2034
- Specs:
 - 52 AEQ
 - Niigata Z-Pellar-21
 - Wärtsilä 4L-20
 - Mitsubishi 6D16
- Refit to contemplate conversion to electric



Ministry of
Transportation
and Infrastructure

Coastal Overview and Context - Outlook

Unregulated Routes – Lax Kw’alaams Ferry Replacement



- Replacement of current vessel and terminals
- Vision is ~30 AEQ vessel
- Pre-project work underway
- Procurement target 2024/25

Coastal Overview and Context

Regulated Routes



- One of the largest ferry operators globally.
 - 26 routes.
 - 50 Terminals.
 - 39 vessels.
- In fiscal 2023:
 - 9.4 million vehicles.
 - 21.6 million passengers.
 - 86,835 round trips.



Routes, Destinations and Terminals

- | | |
|---|--|
| 1 Tsawwassen – Metro Vancouver (passenger) to Victoria – Vancouver Island (cruise boat) | 21 Nanaimo – Vancouver Island (passenger) to Desolation Bay – Campbell Island (passenger boat) |
| 2 West Vancouver – Metro Vancouver (passenger) to Nanaimo – Vancouver Island (cruise boat) | 22 Chemainus – Vancouver Island (passenger) to Thetis Island (private harbor) to Pender Harbour (private island) |
| 3 West Vancouver – Metro Vancouver (passenger) to Gibsons – Sunshine Coast (cruise boat) | 23 Denman Island West (cruise boat) to Buckley Bay – Vancouver Island (cruise boat) |
| 4 Fulford Harbour – Salt Spring Island (cruise boat) to Victoria – Vancouver Island (cruise boat) | 24 Denman Island East (cruise boat) to Hornby Island (cruise boat) |
| 5 Victoria – Vancouver Island (cruise boat) to Southern Gulf Islands | 25 Campbell River – Vancouver Island (passenger) to Qualicum Cove – Qualicum Island (passenger boat) |
| 6 Vancouver Bay – Salt Spring Island (passenger) to Crofton – Vancouver Island (cruise boat) | 26 Hazel Bay – Qualicum Island (passenger) to Whatcombs – Cortes Island (cruise boat) |
| 7 Earl Cove – Sunshine Coast (passenger) to Powell River – Sunshine Coast (cruise boat) | 27 Fort McNeill – Vancouver Island (passenger) to Sooke – Malcolm Island (passenger) |
| 8 West Vancouver – Metro Vancouver (passenger) to Bowen Island – Metro Vancouver (cruise boat) | 28 Alert Bay – Comox Island (cruise boat) |
| 9 Tsawwassen – Metro Vancouver (passenger) to Southern Gulf Islands | 29 Skidegate – Graham Island (passenger) to Ashford Bay – Mowat Island (cruise boat) |
| 10 Port Hardy – Vancouver Island (passenger) to Prince Rupert – North Coast (cruise boat) | 30 Port Hardy – Vancouver Island (passenger) to Bella Coola – Central Coast (cruise boat) |
| 11 Prince Rupert – North Coast (passenger) to Skegway – Graham Island (passenger) | 31 Central Coast Connector (Skidegate Bay (passenger), Ocean Falls, Bella Coola, Skegway) |
| 12 Brentwood Bay (passenger) to Mill Bay – Vancouver Island (cruise boat) | 32 Tsawwassen – Metro Vancouver (passenger) to Nanaimo – Vancouver Island (cruise boat) |
| 13 Gibsons – Sunshine Coast (cruise) to New Brighton – Comber Island (passenger) to Keefe Landing – Keefe Island West (private landing) | |
| 14 Powell River – Sunshine Coast (passenger) to Courtenay – Vancouver Island (cruise boat) | |
| 15 Powell River – Sunshine Coast (passenger) to Skukum Bay – Sooke Island (cruise boat) | |

- BC Ferries is an independent entity.
- The Province is the single shareholder.
- Core services are provided under contract with the Ministry.
- Vessels owned by BC Ferries
- Terminals owned by Ministry and leased to BC Ferries.



Ministry of
Transportation
and Infrastructure

Coastal Overview and Context - Outlook

Regulated Routes



- Shipbuilding (Island Class Vessels and New Major Vessels), 2024 and beyond;
- Refits, maintenance and equipment renewal for existing vessels;
- Terminal infrastructure upgrades, life extension and improvements; and

- ABCMI / BC Ferries Opportunities Forum - Early 2024.
- Regulator must approve capital projects over \$50 million (vessels) and over \$40 million (terminals)

Thank You

Marine Procurement Outlook

**Brian Jonker – Executive Director, Marine Branch, Policy,
Programs and Partnerships Division**

brian.jonker@gov.bc.ca



Ministry of
Transportation
and Infrastructure



Outlook Q&A