

Navigating Coastal Waters: Marine Safety and Security Pacific Region Updates

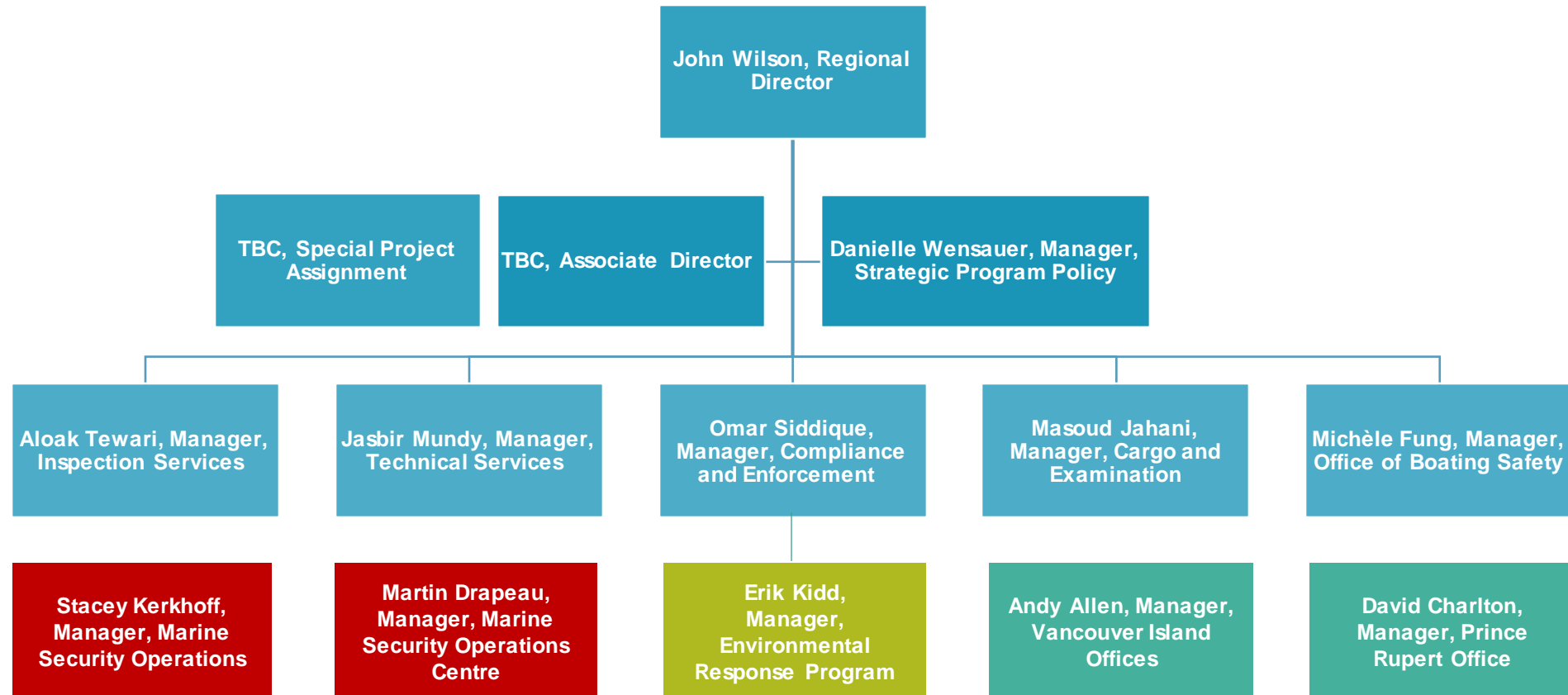
24th Tugboat Industry Conference

May 14, 2022

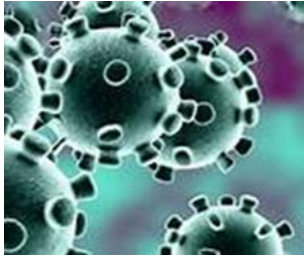
John Wilson, Associate Regional Director, Marine Safety and Security Pacific Region



Marine Safety and Security Pacific Region (as of June 1)



Key Issues for MSS Pacific (1 of 2)



COVID-19

Global pandemic causing major impacts to marine shipping worldwide and in Canada, driving new policies, networks, and innovation.



Emergency Response

Complex incidents and extreme weather highlight the interconnectedness of supply chains and need for robust relationships with federal, provincial, municipal and local communities.



Increased Shipping

Major projects are driving an increase in shipping, especially in remoter areas like Kitimat, and driving a need to examine LNG regulatory regime.



Killer Whales

Decline of the endangered SRKW linked to threats such as noise and disturbance from marine shipping, creating highly collaborative government effort to protect the population.

Key Issues for MSS Pacific (2 of 2)



Regulated Cargo Inspection Program

Identified areas to improve efficiency are leading to changes in the Cargo Program and use of new technologies.



Pilotage

Recent changes to the Pilotage Act creating potential changes to Pacific regulations.



Seafarer Certification

Increased access of exam centre in Victoria creating capacity constraints and need for regional review of these centres.



South Coast Anchorages and Vessels Offshore

Increases in vessels waiting offshore and anchorage capacity constraints creating the need for increased tracking and domain awareness.



Small Vessel Safety

Recent incidents among tugs, fishing boats, and passenger vessels highlight the need to strengthen safety compliance and enforcement among this sector.

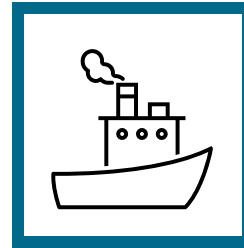
Pacific Tug Safety Initiatives (1 of 4)

Small Vessel Compliance Program –Tug: Regional Implementation



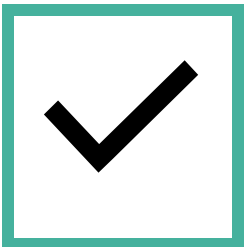
Outreach to Authorized Representatives

- Personalized email or letter to all ARs
- 484 contacted



Interest/Enrollments:

- 15 expressions of interest and 11 enrollments to SVCP-T (as of May 6)

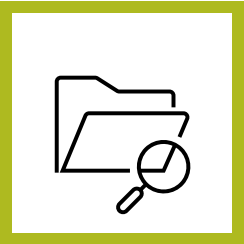


Benefits of Enrollment:

- No cost to owner/operator
- Regulatory requirements in one place
- Potential reduction in insurance costs
- Potential to increase contracting opportunities
- As program grows, becomes industry-wide standard
- Owners and operators better prepared to meet future SMS requirements

Pacific Tug Safety Initiatives (2 of 4)

Small Vessel Compliance Program –Tug: Key Documents



SSB No: 1/2022

Transport Canada
TP 3231 E

SHIP SAFETY BULLETIN

Subject: New Small Vessel Compliance Program for Tugs

Scope
This bulletin applies to anyone who operates a small Canadian tug, of no more than 15 gross tonnage.

Purpose
Transport Canada's Small Vessel Compliance Program has launched a new online tool to help you meet the legal requirements that apply to small tugs.

What you need to know
To operate a small tug, you must meet various safety and environmental requirements set out in the *Canada Shipping Act, 2001* and its related regulations such as¹ the

- [Small Vessel Regulations](#);
- [Hull Construction Regulations](#);
- [Marine Machinery Regulations](#);
- [Marine Personnel Regulations](#); and
- [Navigation Safety Regulations, 2020](#).

The Small Vessel Compliance Program has launched a new tool to help you meet the legal requirements that apply to your vessel. The program is voluntary, but meeting the regulatory requirements isn't.

¹ The publication *Guidelines for the Construction, Inspection, certification and operation of Tugs of < 24 metres in length* (TP 15188) may be used for guidance to understand which regulations are applicable.

Bulletin No.: 01/2022
RDIMS No.: 18234365
Date: 2022-01-13
V-M-D

Sign up for e-Bulletin!

Keywords:

1. Small Vessel Compliance Program (SVCP)	AMSDF	Transport Canada
2. Tug		Marine Safety and Security
3. Guidance Notes		Tower C, Place de Ville 330 Sparks Street, 11 th Floor Ottawa, Ontario K1A 0N8

Contact us at: marinesafety-securesmaritime@tc.gc.ca or 1-855-859-3123 (Toll Free).

Canada

Detailed Compliance Report for Small Tugs

Transport Canada
PROTECTED A (WHEN COMPLETED)

DETAILED COMPLIANCE REPORT FOR SMALL TUG

Authorized Representative (AR)/Owner Information			
Company name (if any)		AR/Owner name	
Address			
City	Province	Postal code	Country CANADA
Telephone	Fax	Cellular	E-mail
Vessel Information (fill one report per vessel)			
Vessel name (if any)		Official number	
Year built/imported	Hull identification number (if any)	Vessel builder	
Vessel build type	Series model number (if applicable)	Vessel hull type	
Length (m)	Breadth (m)	Depth (m)	Gross tonnage GT (From Certificate of Registry)
Hull construction material		Superstructure material	
Hull colour		Superstructure colour	
Propulsion no. 1	Type	Power (KW) (KW = HPx0.746)	
Propulsion no. 2	Type	Power (KW) (KW = HPx0.746)	
Total propulsive power (KW)			
Generator no. 1 (describe if applicable)			Power (KW) (KW = HPx0.746)
Generator no. 2 (describe if applicable)			Power (KW) (KW = HPx0.746)
Vessel Type and Operational Information			
Operation type (select all that apply)			Minimum number of crew
<input type="checkbox"/> Coastal towing <input type="checkbox"/> River towing <input type="checkbox"/> Vessel berthing			
Area of operation (select one)			
<input type="checkbox"/> Sheltered waters voyage <input type="checkbox"/> Inland voyage <input type="checkbox"/> Near Coastal voyage, Class 2, less than 2 nautical miles from shore			
<input type="checkbox"/> Near Coastal voyage, Class 2 <input type="checkbox"/> Near Coastal voyage, Class 1 <input type="checkbox"/> Unlimited voyage			
Operating period - If seasonal, select applicable months in which the vessel operates			
<input type="checkbox"/> All year round <input type="checkbox"/> Seasonal <input type="checkbox"/> J <input type="checkbox"/> F <input type="checkbox"/> M <input type="checkbox"/> A <input type="checkbox"/> M <input type="checkbox"/> J <input type="checkbox"/> J <input type="checkbox"/> A <input type="checkbox"/> S <input type="checkbox"/> O <input type="checkbox"/> N <input type="checkbox"/> D			
Principal Operator Certification and Training			
<input type="checkbox"/> Master limited or higher <input type="checkbox"/> ROC-M <input type="checkbox"/> ROC-MC <input type="checkbox"/> First aid <input type="checkbox"/> MED <input type="checkbox"/> SVMO			

TP 15491E

Transport Canada

TP 15491E
(11/2021)

Small Vessel Compliance Program Tug (SVCP-T) Detailed Compliance Report Guidance Notes

1st Edition
NOV 2021

Canada



Pacific Tug Safety Initiatives (3 of 4)

Compliance Inspections for Tugs under 15 Gross Tonnage

- Includes planned (risk-based) and unplanned inspections
- Targeted toward vessels enrolled and not enrolled in SVCP-T

Detailed Compliance Report for Small Tugs



1. Vessel Registration and Operations
2. Construction, Stability, Watertightness
3. Navigational Safety and Equipment
4. Vessel Manning and Crew Qualifications
5. Pollution Prevention
6. Electrical Systems/Batteries
7. Fuel Systems
8. Machinery
9. Life Saving and Fire Safety Equipment

Inspections Completed



- Working with ARs to become compliant
- 34 inspections completed (as of May 6)

Pacific Tug Safety Initiatives (4 of 4)

Pacific Coast Tow and Workboat Safety Advisory Group

Objective: collaborative forum and consultative body to enhance safety and make recommendations

- Co-Chaired by Industry and Labour
- TC as Secretariat

Members:

Industry

- Council of Marine Carriers

Labour

- ILWU, Local 400
- CMSG
- SIU of Canada
- CLAC, Local 600

Government of Canada

- Transport Canada
- Canadian Coast Guard
- RCMP
- Transportation Safety Board

Government of BC

- WorkSafeBC



TC-WorkSafeBC MoU



Updating MoU to share information on commercial vessels in BC

Under privacy/legal review




Marine Coastal Carriage and Delivery of Oil and Fuels

Outreach

Ship Safe Bulletin

Compliance Inspections

 Transport Canada
Sécurité et sûreté
Pacific Region
Suite 620
800 Burrard Street
Vancouver, B.C.
V6C 2L8

Transport Canada
Sécurité et sûreté
Région du Pacifique
800 rue Burrard
Bureau 620
Vancouver, C.-B.
V6C 2L8

File # / Référence #

October 27, 2020

Attention: Pacific Coast Authorized Representatives and Marine Handling Facilities Operators


RE: Regulatory Framework of Marine Transportation of Petroleum Products

In response to recent concerns expressed by members of the public and on questions from regional marine industry stakeholders, this letter outlines and clarifies the regulatory requirements governing the safe transportation of petroleum products by sea. This pertains to vessel transfer operations to or from vessels, including non-self-propelled barges, and transfer operations to or from handling facilities. A handling facility may include installations like logging camps, aquaculture farms and other marine operations that require fuel on an ongoing basis.

In view of the vessel authorized representatives' and facility operators' responsibility to protect the marine environment, Transport Canada is reminding stakeholders of their obligations to comply with the Canada Shipping Act (2001), the Transportation of Dangerous Goods Act and their associated regulations.

The following provides a summary of the applicable acts and regulations:

1. **Canada Shipping Act, 2001(CSA 2001):**
This is the principal statute governing safety in marine transportation and protection of the marine environment.
https://www.laws.justice.gc.ca/eng/acts/c-10_15/
2. **Standards for the Construction, Inspection, and Operation of Barges Carrying Oil or Dangerous Cargo in Bulk (TP1960):**
Provides a comprehensive reference to all safety and environmental protection regulatory requirements that apply to barges (non-self-propelled vessels) carrying oil and/or dangerous chemicals in Canada, including the:
 - Cargo, Fumigation and Tackle Regulations (CFTR)
 - Collision Regulations (COLREG)
 - Fire Detection and Extinguishing Equipment Regulations (FDEER)
 - Hull Construction Regulations (HCR)
 - Life Saving Equipment Regulations (LSER)
 - Load Line Regulations (LLR)
 - Response Organizations and Oil Handling Facilities Regulations
 - Safe Working Practice Regulations (SWPR)

Canada  www.tc.gc.ca

 Transport Canada
Transports Canada

SHIP SAFETY BULLETIN

Bulletin No.: 07/2021
RDDMS No.: 17446730
Date: 2021-06-30
T-38-D

We issue Ship Safety Bulletins for the marine community. Visit our Website at www.tc.gc.ca/ship-safe to view existing bulletins and to sign up to receive e-mail notices of new ones.

[Sign up for e-Bulletins!](#)

Subject: Regulatory Compliance and the Safe Transportation of Oil and Fuels.

Purpose
This bulletin includes guidance on how to comply with Canada's regulations for transporting oil, fuels, and oil or fuel by-products such as waste oil.

Scope
This bulletin is intended for authorized representatives, owners and operators, masters and crew of oil tankers and vessels carrying oil and fuels in tanks on deck (including cargo barges), and suppliers and receivers of oil and fuels. It is specific to Canadian operators operating in Canadian waters.

Background
Traditionally, oil and fuel have been transported in one of two ways:

- either in the vessel's integrated cargo tanks built for that purpose, or
- within some kind of portable containment carried on the deck of a vessel (e.g., cargo barge).

There are regulatory requirements which cover both types of transportation. Of late, there have been numerous instances where oil and fuel have been transported in an unsafe and non-compliant manner, thereby unduly exposing the public to the risk of possible fire or explosion, and the environment to the risk of possible pollution.

Keywords: AMSD, Transport Canada, Marine Safety and Security, Totes C, Plans de Vids, 330 Sparks Street, 11th Floor, Ottawa, Ontario K1A 0N8

Contact us at: marinesafety-security@tc.gc.ca or 1-855-859-3123 (Toll Free)

Canada 

To-date:

- 31 questionnaires completed
- 16 barges inspected
- 10 vessels issued with deficiencies



Next Steps



TC Inspector Presence

- Small tug inspections
- Outreach and education on SVCP-T
- Random barge inspections and follow-up



Collaboration

- Finalize TC-WorkSafeBC MoU
- Advance work through PCTAG
- Efforts to address shortage of mariners



Support from Industry

- Promote SVCP-T
- Share Best Practices
- Report non-compliance
- Outreach and presentations at marine schools

Questions or Comments?

