

**KESPUKWITK DISTRICT
NETUKULIMK LIVELIHOOD FISHERIES
SPECIES-SPECIFIC INTERIM JAKEJ (JAKEJ (LOBSTER)) FISHERIES MANAGEMENT PLAN**

As declared by
Annapolis Valley First Nation
Bear River First Nation
Acadia First Nation

NOVEMBER, 2021

1 PREAMBLE

The Members of Mi'kmaq First Nations in Nova Scotia are beneficiaries of the Covenant Chain of Treaties made with the Crown between 1725 and 1761, including the Treaties of 1760-61 that were the subject of the 1999 Supreme Court of Canada decision in the case of Donald Marshall, Jr.

In accordance with these Treaties, Mi'kmaq in Nova Scotia have the right to harvest and sell natural resources, including fish, for the purpose of earning a moderate livelihood. Accordingly, Mi'kmaq Band Councils in Nova Scotia recognize the obligation to manage fisheries activities of the Mi'kmaq communities' members in Nova Scotia.

The Kespukwitk District Netukulimk Livelihood Fisheries Protocol (the "Protocol") is now in effect. That Protocol does not apply to Food, Social and Ceremonial ("FSC") Harvest in the exercise of Aboriginal Rights.

The Protocol provides for the development of Species-specific Harvest Plans and Conditions.

This Species-specific Interim Fisheries Management Plan deals with the harvest of Jakej (lobster).

This Interim Fisheries Management Plan is a living document and may be amended from time to time based on experience, dialogue and communication with our members.

This Interim Fisheries Management Plan must be read in conjunction with the Protocol. Certain terms used in this document are defined in the Protocol.

2 SPECIES CONDITIONS – JAKEJ (LOBSTER), *HOMARUS AMERICANUS*

Harvesting activity for Jakej (lobster) under this management plan must comply with all the following conditions.

DEFINITIONS:

- 2.1 **Authorization**- A document issued to the harvester by their Band Council clearly indicating that they are fishing under the authority of the Band in accordance with the Protocol.
- 2.2 **Carapace** – A carapace is the armour-like body of the crustacean with the claws, knuckles and tail removed. Jakej (lobster) are measured by shell length.
- 2.3 **Harvester** – A Band member who is registered and authorized by their Band Council to fish for a livelihood under the Protocol.
- 2.4 **Trap** – A portable trap for Jakej (lobster) that is constructed of wire and wood, or metal and netting or rigid plastic. Entrances of the traps are designed to be one-way entrances only.
- 2.5 **Vessel** – A boat or ship used to fish for Jakej (lobster).

COMPLIANCE

- 2.6 Any violation of any provision of this shall be placed before the respective Band Council for Resolution through a community justice process.

REGISTRATION & IDENTIFICATION:

- 2.7 All harvesters must register with their Band Council to fish Jakej (lobster) under the terms and conditions of this Fisheries Management Plan. This registry will include:
 - Band members name
 - Band number
 - Tag numbers issued
 - Fishing area
 - Vessel name/registration number

- 2.8 The Band Council or its designate will issue a certificate of registry with the harvester's name, tag numbers issued, and vessel name used for fishing to the harvester.
- 2.9 The Band Council may require a registration fee or another form of compensation to cover costs of administration and to ensure responsible management practices are maintained.
- 2.10 Jakej (lobster) fishing will be by trap, unless otherwise permitted in writing by the Band Council. Written permission shall specify the harvester's name and Band number, description of the permitted gear type, amount of said gear that is permitted, and specific fishing period that said gear can be used.
- 2.11 Harvesters employing a method of fishing Jakej (lobster) other than traps must always carry permission documents with them while fishing and transporting Jakej (lobster) caught with the gear for which permission was granted, and show said documents to a Band designated monitor or Guardian upon request.
- 2.12 Jakej (lobster) tags are not transferable. If traps are being fished, the harvester to whom the tags were allocated must be on the vessel.
- 2.13 All harvesters must have the registration certificate on the vessel during all fishing activities.
- 2.14 All traps must be clearly marked with a tag issued by or under the authority of their Band Council. Each tag will be recorded against the name of the harvester.
- 2.15 All harvesters will indicate in writing their agreement and commitment to the terms and conditions of this Plan upon receipt of the tags. The Band may provide a form letter for signature by the harvester.

SAFETY:

- 2.16 Harvesters must follow recommended safety requirements, including as a minimum Transport Canada Life Saving Equipment Requirements based on vessel size and classification, found in Appendix I.
- 2.17 The minimum age for access to this Netukulimk Livelihood Fishery will be 18 years of age at the time of registration.
- 2.18 Unless the level of operator competency required is a Pleasure Craft Operator Card (PCOC), each crew member must also obtain a certificate in basic safety training, also known as MED or Marine Emergency Duties, before completing six months of sea service.

CONSERVATION AND CATCH PROHIBITIONS

- 2.19 Jakej (lobster) s are not a species at risk provincially or federally. Vulnerability to increasing ocean temperatures are hypothesized to be mitigated through conservation measures to protect the reproductive potential of Jakej (lobster) s (Le Bris et al., 2018). The Jakej (lobster) fishery in Atlantic Canada is considered healthy, with record high landings occurring the Maritimes Region (DFO, 2016b, 2016a, 2018, 2019).
- 2.20 Retention of Jakej (lobster) s with eggs attached is prohibited. No person shall have in their possession any female Jakej (lobster) from which eggs have been washed or removed in whole or in part, or any female Jakej (lobster) that has egg cement or glue on its swimmerets. Harvesters should not retain soft-shelled Jakej (lobster), which should be returned to the water.
- 2.21 No person shall, while fishing or unloading their catch, possess, any claw, tail or meat that has been separated from the thorax or carapace of a Jakej (lobster).
- 2.22 The harvester is prohibited from retaining or possessing any Jakej (lobster) of 127 mm carapace length or greater with an impression (with or without setal hairs) on the bottom outside edge of the right flipper (uropod) next to the middle flipper (telson) that affects the natural shape of that flipper. The natural shape of the flipper would also be altered with the removal of all or a portion of the bottom outside edge of the right flipper. The right flipper shall be determined when the underside of the Jakej (lobster) is down, and its tail is toward the person making the determination.

AUTHORIZED FISHING GEAR:

- 2.23 The harvester is prohibited from having on board a vessel or fishing a trap unless a valid tag is securely attached to the frame of the trap in the manner for which the tag was designed and in a manner such that the tag is readily visible when the trap is being removed from the water or being prepared for loading or unloading from the vessel.
- 2.24 A trap that is being fished under this authorization must have only one tag attached to it.
- 2.25 The harvester is prohibited from fishing with more traps at any one time than the maximum number of traps specified in their registration and certification documents.

Traps

- 2.26 The harvester is prohibited to fish with or have on board the vessel a Jakej (lobster) trap unless that trap has in the exterior walls of each parlour in the trap and not more than 250 mm from the floor of each trap at least:
 - (a) two unobstructed circular openings the diameter of each of which is not less than 57.2 mm; or
 - (b) one unobstructed rectangular opening the height and width of which is not less than 44 mm (height) by 127 mm (width).
- 2.27 Harvesters are prohibited to fish with or have on board the vessel a Jakej (lobster) trap unless that trap has an escape panel that is fastened to the Jakej (lobster) trap with:
 - a) untreated cotton or sisal twine that does not exceed 4.8 mm in diameter, or
 - b) uncoated ferrous metal wire, other than of stainless steel, that does not exceed 1.6 mm in diameter
- 2.28 All actively fishing traps must be hauled within a 72-hour period unless prohibited by weather. If a harvester is unable to haul their traps within that time, the Band Council's designate can appoint another harvester to pull up the traps, return any Jakej (lobster) in them to the water, and bring the traps back to the wharf to be picked up by the harvester.

Ropes, Buoys and Marking

- 2.29 All floats and buoys must clearly indicate the vessel registration number or harvester name.
- 2.30 Where a secondary buoy is used to mark the gear at the surface, the rope attaching the main buoy to the secondary buoy shall be no longer than 27 metres.
- 2.31 To protect species at risk, no person shall use rope of a diameter exceeding 5/8- inch on any portion of the ground lines, buoy lines, or lines attaching a trap to a ground line (trawl gear).
- 2.32 No person shall use stainless steel cable(s) on any portion of their Jakej (lobster) trap or any of the associated ground lines, buoy lines or lines attaching a trap to a ground line (trawl gear).
- 2.33 The distance between traps on a trawl or between a trap and an adjacent anchor must be no greater than 55 metres (30 fathoms).
- 2.34 The length of rope used to attach the fishing gear (e.g. an anchor, a trap) to the primary buoy shall not exceed a ratio of 3.5 to 1 the depth of water in which the gear is fishing.

Rope Marking for Right Whales

- 2.35 Harvesters must mark the rope used to attach the fishing gear (e.g. an anchor, a trap, etc.) as described for multiple Jakej (lobster) fishing areas. Rope attached to the primary buoy must be marked with black, yellow and yellow colored twine. A piece of black twine and a piece of yellow twine must be interlaced (or yarn spun together), immediately followed by a second piece of yellow twine within the same segment of rope. Each colored twine must be a minimum of 15cm when interlaced. The interlacing will be in three sequences:
- a. the first sequence (top marking) of colored twine must be a minimum of 15 cm (in this case minimum of 30cms when combined- black/yellow-yellow) in length after it is interlaced and be within 2 metres of the primary buoy;
 - b. the second sequence (middle marking) must be located either:
 - i. farther than 12 metres from both the primary buoy and the fishing gear if the rope is 30 metres or longer; or
 - ii. farther than 3 metres from both the primary buoy and the fishing gear if the rope is longer than 7 metres but shorter than 30 metres; or
 - c. at the midpoint (middle marking) between the primary buoy and the fishing gear if the rope is 7 metres or shorter; and
 - d. the third sequence (bottom marking) must be within 2 metres of the fishing gear.
- 2.36 Harvesters are prohibited from using any rope marked with a coloured twine combination belonging to a fishery except those described in 2.35.

FISHING AREA:

2.37 District Jakej Fishing Table*

<u>Mi'kmaq District</u>	<u>KESPUKWITK DISTRICT JAKEJ (LOBSTER) AREA</u>	<u>Number of Traps per Harvester</u>	<u>KESPUKWITK DISTRICT JAKEJ (LOBSTER) HARVEST TIME</u>	<u>Minimum carapace length of Jakej (lobster)</u>
Kespukwitk	Fishing will occur in waters off the Mi'kmaq District of Kespukwitk, including all nearshore banks, offshore banks and other adjoining ocean space.	Maximum of 70 traps per individual harvester	September 1, 2021- July 31, 2022	82.5 mm
<i>The below is for informational and reference purposes only;</i>				
	Corresponding DFO Jakej (lobster) Fishing Area (LFA) #'s		Corresponding DFO Lobster Fishing Area (LFA) Commercial Seasons	
	LFA 32 LFA 33 LFA 34 LFA 35		April 19 - June 20 Last Mon. Nov – May 31 Last Mon. Nov - May 31 Oct 14 - Dec 31 and Last day Feb - July 31	

2.38 Multiple harvesters may conduct fishing activity from a single vessel, provided the number of traps does not exceed the maximum 70 traps per Band member, or a collective total of 210 traps per single vessel. ***This total is subject to the management effort discretion of the Kespukwitk District Collective Fisheries Committee.***

**** Note – Livelihood Jakej (lobster) fishing that occurs outside of dates corresponding to current DFO Commercial Lobster Season(s) may be subject to DFO C&P enforcement action. This is an identified issue and is an ongoing discussion.***

Area

Fishing will occur in waters off the Mi'kmaq District of Kespukwitk, including all nearshore banks, offshore banks and other adjoining ocean space.

Area Closed for Conservation Purposes

Harvesters are prohibited from fishing in the waters of LFA 33 and LFA 34 in the following areas, which are enclosed by rhumb lines joining the following points in the order in which they are listed:

Sambro Bank Sponge Conservation Area

Point	Latitude	Longitude
1.	43° 56' 00" N	63° 07' 00" W
2.	43° 56' 00" N	63° 03' 00" W
3.	43° 54' 00" N	63° 00' 00" W
4.	43° 50' 00" N	63° 07' 00" W
5.	43° 56' 00" N	63° 07' 00" W

Emerald Basin Sponge Conservation Area

Point	Latitude	Longitude
1.	44° 20' 00" N	62° 40' 00" W
2.	44° 20' 00" N	62° 35' 30" W
3.	44° 15' 00" N	62° 32' 00" W
4.	44° 09' 00" N	62° 32' 00" W
5.	44° 09' 00" N	62° 40' 00" W

Jordan Basin Conservation Area

Point	Latitude	Longitude
1.	43° 20' 30" N	67° 00' 00" W
2.	43° 17' 30" N	67° 00' 00" W
3.	43° 15' 30" N	67° 06' 00" W
4.	43° 17' 30" N	67° 06' 00" W
5.	43° 20' 30" N	67° 03' 00" W
6.	43° 20' 30" N	67° 00' 00" W

2.39 Harvesters are prohibited from fishing inside the navigational channel defined by the coordinates in the order they are listed below, or within 91.4 m (300 feet) of either side of the navigational channel:

Point	Latitude	Longitude
1.	44° 39.582'	65° 45.355'
2.	44° 40.813'	65° 45.626'
3.	44° 41.980'	65° 46.970'
4.	44° 42.370'	65° 47.510'
5.	44° 42.720'	65° 47.970'
6.	44° 44.480'	65° 48.770'
7.	44° 45.060'	65° 49.010'
8.	44° 45.600'	65° 49.260'
9.	44° 46.300'	65° 49.570'
10.	44° 47.200'	65° 49.980'

Point references in parts 7.1 and 7.2 are based on the geodesic system North American Datum 1983 (NAD83).

REPORTING

- 2.40 Harvesters will be required to provide reports on the location of harvesting activity, selling activity and catches to the Band Council or authorized delegate/agent of the Band Council.
- 2.41 Monitoring may be conducted through the collection of log sheets, logbooks or online applications that are provided by the Band Council or other methods determined by the Band Council.

Lost Gear Reporting

- 2.42 The harvester must report any lost fishing gear and corresponding Jakej (lobster) tag number to the Band Council's designate.
- 2.43 The harvester must report the retrieval of any of their own previously reported lost gear to the Band Council's designate within 24 hours of retrieving gear previously reported as lost, or within 24 hours of arriving at port for trips less than 5 days. Retrieval can only occur by an authorized Band harvester and only in relation to the specific type of gear authorized to be used.

Marine Mammal Reporting

- 2.44 The harvester must provide information regarding bycatch, collision and all sightings of marine mammals entangled in fishing gear to DFO. The captain of the vessel must complete and submit to DFO the marine mammal interaction form. (available at <http://www.dfo-mpo.gc.ca/species-especes/mammals-mammiferes/report-rapport/fish-havester-pecheur-eng.asp>)

Species at Risk

- 2.45 The harvester will release captured Northern Wolffish and Spotted Wolffish to a place near where they were taken, and, if alive, in a manner that causes them the least harm.
- 2.46 The harvester will release captured Leatherback Sea Turtles to a place near where they were taken, and, if alive, in a manner that causes them the least harm.
- 2.47 If a listed species at risk is caught, harvesters will complete the required information as follows and provide it to the Band Council or authorized delegate/agent of the Band Council, who will compile the information and provide it to DFO, as follows:
- a. Spotted wolffish – Date of interaction, position in latitude and longitude (degrees-minutes-seconds), number of individuals caught and estimated total live (round) weight in kilograms. If there was more than one fishing set in a day, record the position where the most spotted wolffish were caught.
 - b. Northern wolffish – Date of interaction, position in latitude and longitude (degrees-minutes-seconds), number of individuals caught and estimated total live (round) weight in kilograms. If there was more than one fishing set in a day, record the position where the most northern wolffish were caught.
 - c. Leatherback sea turtles (record each interaction in a separate row) – Date of interaction, position in latitude and longitude (degrees-minutes-decimal degrees), and condition of turtle on release (alive or dead).

Bycatch

- 2.48 The harvester is required to return to the water any bycatch that is not intended to be used for food or bait, and any of those fish species listed in 2.47.

**KESPUKWITK DISTRICT
NETUKULIMK LIVELIHOOD FISHERIES
PROTOCOL**

As declared by
Annapolis Valley First Nation
Bear River First Nation
Acadia First Nation

-APPENDIX I-

NOVEMBER 2021

Appendix I - Vessel Safety Considerations

Transport Canada Fishing Vessel Requirements:

FISHING VESSEL SAFETY REGULATIONS – LIFE SAVING EQUIPMENT REQUIREMENTS

FISHING VESSEL SIZE (HULL LENGTH):
Not more than 6m (19'8")

Category	Sheltered Waters AND Near Coastal Class 2 less than 2 nm from shore	Near Coastal Class 2 (less than 25 nm from shore)
Lifejackets and Personal Life Saving Appliances (For each person on board)	<ul style="list-style-type: none"> 1 Approved lifejacket minimum type Class 2; OR 1 Approved small vessel lifejacket; OR 1 Approved PFD * <p><i>*to be worn at all times</i></p>	<ul style="list-style-type: none"> 1 Approved lifejacket minimum type Class 2; OR 1 Approved small vessel lifejacket; OR 1 Approved PFD (100 N)*; OR 1 Approved PFD designed to provide thermal protection* <p><i>*to be worn at all times</i></p>
Life Saving Appliances	<ul style="list-style-type: none"> 1 or more life rafts or recovery boats for 100% of persons on board; OR The following equipment: 1 EPIRB or two-way radio; AND If water temperature is less than 15°C, an immersion suit or anti-exposure work suit of appropriate size for each person on board OR, if in sheltered waters, life saving appliances or written procedures (or both) for protection from the effects of hypothermia or cold shock 	<ul style="list-style-type: none"> 1 or more life rafts or a combination of life rafts and recovery boats for 100% of persons on board; OR The following equipment: 1 EPIRB or two-way radio; AND If water temperature is less than 15°C, an immersion suit or anti-exposure work suit of appropriate size for each person on board
Person Overboard Retrieval Devices	<ul style="list-style-type: none"> 1 Buoyant heaving line of not less than 15 m in length; AND 1 Reboarding device; AND 1 Person overboard retrieval apparatus* OR Vessel carries a recovery boat <p><i>*not required if only one person on board</i></p>	
Visual Signals ¹	<ul style="list-style-type: none"> 1 Watertight flashlight; AND 3 Pyrotechnic distress signals, other than smoke signals 	
Fire Fighting Equipment ²	<ul style="list-style-type: none"> 1 Portable fire extinguisher of type 1A:5B:C; AND 1 Portable fire extinguisher of type 1A:5B:C, if equipped with fuel-burning appliances 	
Additional Equipment	<ul style="list-style-type: none"> 1 bailer OR manual bilge pump; AND 1 manual propelling device (oars, paddle, etc.); AND 1 anchor and anchoring equipment that is arranged such that it can be deployed and retrieved effectively 	
First Aid Kit	<ul style="list-style-type: none"> Marine emergency first aid kit as per Section 3.24 of the FVSR; OR First aid kit that meets <i>Maritime Occupational Health and Safety Regulations</i>; OR First aid kit that meets provincial workplace safety regulations with face shield and two pairs of gloves. 	

1. A fishing vessel is not required to carry on board pyrotechnic distress signals if the vessel is equipped with a two-way radio system and is operated exclusively in the confines of a manned aquaculture facility OR within 500 m from shore OR operates on a river, canal or lake where it is never more than one nautical mile from shore.

2. See the equivalent classification of portable fire extinguishers that meet these carriage requirements.

Requirements	Dry Chemical ABC	Dry Chemical BC	Carbon Dioxide
1A:5B:C	1.5 Kg 3 Lbs		
2A:10B:C	2.25 Kg 5 Lbs		
2A:20B:C	4.5 Kg 10 Lbs		
5B:C	1.5 Kg 3 Lbs	1.5 Kg 3 Lbs	2.25 Kg 5 Lbs
10B:C	2.25 Kg 5 Lbs	2.25 Kg 5 Lbs	4.5 Kg 10 Lbs
20B:C	4.5 Kg 10 Lbs	4.5 Kg 10 Lbs	9 Kg 20 Lbs

This list is being provided as a Quick Reference Guide based on information contained in the Fishing Vessel Safety Regulations which came in to force July 13, 2017. This list is not intended to be all inclusive or referencing all Sections of these Regulations. Owners and Operators of fishing vessels should consult with their local Transport Canada Marine Safety and Security office or the Transport Canada website for further information.

FISHING VESSEL SAFETY REGULATIONS – LIFE SAVING EQUIPMENT REQUIREMENTS

FISHING VESSEL SIZE (HULL LENGTH):
More than 6m (19'8") but not more than 9m (29'6")

Category	Sheltered Waters AND Near Coastal Class 2 (less than 2 nm from shore)	Near Coastal Class 2 (less than 25 nm from shore)	Near Coastal Class 1 (less than 200 nm from shore)
Lifejackets and Personal Life Saving Appliances (For each person on board)	<ul style="list-style-type: none"> 1 Approved lifejacket minimum type Class 2; OR 1 Approved small vessel lifejacket; OR 1 Approved PFD * <p><i>*to be worn at all times</i></p>	<ul style="list-style-type: none"> 1 Approved lifejacket minimum type Class 2; OR 1 Approved small vessel lifejacket; OR 1 Approved PFD (100 N)*; OR 1 Approved PFD designed to provide thermal protection* <p><i>*to be worn at all times</i></p>	<ul style="list-style-type: none"> 1 Approved lifejacket minimum type Class 1 (standard or keyhole)
Life Saving Appliances	<ul style="list-style-type: none"> 1 or more life rafts or recovery boats for 100% of persons on board; OR The following equipment: 1 EPIRB or two-way radio; AND If water temperature is less than 15°C, an immersion suit or anti-exposure work suit of appropriate size for each person on board OR, if in sheltered waters, life saving appliances or procedures for protection from the effects of hypothermia or cold shock 	<ul style="list-style-type: none"> 1 or more life rafts or a combination of life rafts and recovery boats for 100% of persons on board; OR The following equipment: 1 EPIRB or two-way radio; AND If water temperature is less than 15°C, an immersion suit or anti-exposure work suit of appropriate size for each person on board 	<ul style="list-style-type: none"> 1 or more SOLAS life rafts or reduced capacity life rafts for 100% of persons on board; AND Immersion suits of appropriate size for each person on board
Person Overboard Retrieval Devices	<ul style="list-style-type: none"> 1 Buoyant heaving line of not less than 15 m in length; OR 1 approved lifebuoy with not less than 15 m of buoyant line attached; AND 1 Reboarding device; AND 1 Person overboard retrieval apparatus* OR Vessel carries a recovery boat <p><i>*not required if only one person on board</i></p>		
Visual Signals ¹	<ul style="list-style-type: none"> 1 Watertight flashlight; AND 6 Pyrotechnic distress signals, other than smoke signals 	<ul style="list-style-type: none"> 1 Watertight flashlight; AND 6 Pyrotechnic distress signals, other than smoke signals, of which at least two must be rocket parachute flares 	
Fire Fighting Equipment ²	<ul style="list-style-type: none"> 1 Portable fire extinguisher of type 2A:10B:C; AND 1 Portable fire extinguisher of type 2A:10B:C, if equipped with fuel-burning appliances; AND 1 Portable fire extinguisher of type 10B:C at the entrance to the engine space 		
Additional Equipment	<ul style="list-style-type: none"> 1 bailer OR manual bilge pump; AND 1 anchor and anchoring equipment that is arranged such that it can be deployed and retrieved effectively 		
First Aid Kit	<ul style="list-style-type: none"> Marine emergency first aid kit as per Section 3.24 of the FVSR; OR First aid kit that meets <i>Maritime Occupational Health and Safety Regulations</i>; OR First aid kit that meets provincial workplace safety regulations with face shield and two pairs of gloves. 		

1. A fishing vessel is not required to carry on board pyrotechnic distress signals if the vessel is equipped with a two-way radio system and is operated exclusively in the confines of a manned aquaculture facility OR within 500 m from shore OR operates on a river, canal or lake where it is never more than one nautical mile from shore.

2. See the equivalent classification of portable fire extinguishers that meet these carriage requirements.

Requirements	Dry Chemical ABC	Dry Chemical BC	Carbon Dioxide
1A:5B:C	1.5 Kg 3 Lbs		
2A:10B:C	2.25 Kg 5 Lbs		
2A:20B:C	4.5 Kg 10 Lbs		
5B:C	1.5 Kg 3 Lbs	1.5 Kg 3 Lbs	2.25 Kg 5 Lbs
10B:C	2.25 Kg 5 Lbs	2.25 Kg 5 Lbs	4.5 Kg 10 Lbs
20B:C	4.5 Kg 10 Lbs	4.5 Kg 10 Lbs	9 Kg 20 Lbs

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FISHING VESSEL SAFETY REGULATIONS – LIFE SAVING EQUIPMENT REQUIREMENTS

FISHING VESSEL SIZE (HULL LENGTH):
More than 9m (29'6") but not more than 12m (39'4")

Category	Sheltered Waters AND Near Coastal Class 2 less than 2 nm from shore	Near Coastal Class 2 (less than 25 nm from shore)	Near Coastal Class 1 (less than 200 nm from shore)
Lifejackets and Personal Life Saving Appliances (For each person on board)	<ul style="list-style-type: none"> 1 Approved lifejacket minimum type Class 2; OR 1 Approved small vessel lifejacket; OR 1 Approved PFD * <p><i>*to be worn at all times</i></p>	<ul style="list-style-type: none"> 1 Approved lifejacket minimum type Class 2; OR 1 Approved small vessel lifejacket; OR 1 Approved PFD (100 N)*; OR 1 Approved PFD designed to provide thermal protection* <p><i>*to be worn at all times</i></p>	<ul style="list-style-type: none"> 1 Approved lifejacket minimum type Class 1 (standard or keyhole)
Life Saving Appliances	<ul style="list-style-type: none"> 1 or more life rafts or recovery boats for 100% of persons on board; OR The following equipment: 1 EPIRB or two-way radio; AND If water temperature is less than 15°C, an immersion suit or anti-exposure work suit of appropriate size for each person on board OR, if in sheltered waters, life saving appliances or procedures for protection from the effects of hypothermia or cold shock 	<ul style="list-style-type: none"> 1 or more life rafts or a combination of life rafts and recovery boats for 100% of persons on board; OR The following equipment: 1 EPIRB or two-way radio; AND If water temperature is less than 15°C, an immersion suit or anti-exposure work suit of appropriate size for each person on board 	<ul style="list-style-type: none"> 1 or more SOLAS life rafts or reduced capacity life rafts for 100% of persons on board; AND Immersion suits of appropriate size for each person on board
Person Overboard Retrieval Devices	<ul style="list-style-type: none"> 1 Buoyant heaving line of not less than 15 m in length; AND 1 approved lifebuoy with not less than 15 m of buoyant line attached; AND 1 Reboarding device; AND 1 Person overboard retrieval apparatus* OR Vessel carries a recovery boat <p><i>*not required if only one person on board</i></p>		
Visual Signals ¹	<ul style="list-style-type: none"> 1 Watertight flashlight; AND 1 Signalling mirror; AND 6 Pyrotechnic distress signals of which not more than three are smoke signals 		<ul style="list-style-type: none"> 1 Watertight flashlight; AND 1 Signalling mirror; AND 6 Pyrotechnic distress signals of which at least two must be rocket parachute flares and not more than three are buoyant smoke signals
Fire Fighting Equipment ²	<ul style="list-style-type: none"> 1 Portable fire extinguisher of type 2A:10B:C; AND 1 Portable fire extinguisher of type 2A:10B:C, at each access to a space with fuel-burning appliances; AND 1 Portable fire extinguisher of type 10B:C at the entrance to the engine space; AND 1 Fire axe; AND 1 Bucket 		
Additional Equipment	<ul style="list-style-type: none"> 1 manual bilge pump; AND 1 anchor and anchoring equipment that is arranged such that it can be deployed and retrieved effectively 		
First Aid Kit	<ul style="list-style-type: none"> Marine emergency first aid kit as per Section 3.24 of the FVSR; OR First aid kit that meets <i>Maritime Occupational Health and Safety Regulations</i>; OR First aid kit that meets provincial workplace safety regulations with face shield and two pairs of gloves. 		

1. A fishing vessel is not required to carry on board pyrotechnic distress signals if the vessel is equipped with a two-way radio system and is operated exclusively in the confines of a manned aquaculture facility OR within 500 m from shore OR operates on a river, canal or lake where it is never more than one nautical mile from shore.

2. See the equivalent classification of portable fire extinguishers that meet these carriage requirements.

Requirements	Dry Chemical ABC	Dry Chemical BC	Carbon Dioxide
1A:5B:C	1.5 Kg 3 Lbs		
2A:10B:C	2.25 Kg 5 Lbs		
2A:20B:C	4.5 Kg 10 Lbs		
5B:C	1.5 Kg 3 Lbs	1.5 Kg 3 Lbs	2.25 Kg 5 Lbs
10B:C	2.25 Kg 5 Lbs	2.25 Kg 5 Lbs	4.5 Kg 10 Lbs
20B:C	4.5 Kg 10 Lbs	4.5 Kg 10 Lbs	9 Kg 20 Lbs

This list is being provided as a Quick Reference Guide based on information contained in the Fishing Vessel Safety Regulations which came in to force July 13, 2017. This list is not intended to be all inclusive or referencing all Sections of these Regulations. Owners and Operators of fishing vessels should consult with their local Transport Canada Marine Safety and Security office or the Transport Canada website for further information.



Fisheries Safety Association
OF NOVA SCOTIA



Nova Scotia Fisheries Sector Council

FISHING VESSEL SAFETY REGULATIONS – LIFE SAVING EQUIPMENT REQUIREMENTS

FISHING VESSEL SIZE (HULL LENGTH): More than 12m (39'4") but not more than 15m (49'2")

Category	Sheltered Waters AND Near Coastal Class 2 less than 2 nm from shore	Near Coastal Class 2 (less than 25 nm from shore)	Near Coastal Class 1 (less than 200 nm from shore or edge of continental shelf)	Unlimited (beyond Near Coastal Class 1)
Lifejackets	<ul style="list-style-type: none"> 1 Approved lifejacket minimum type Class 2 for each person on board 		<ul style="list-style-type: none"> 1 Approved lifejacket minimum type Class 1 (standard or keyhole) for each person on board 	
Life Saving Appliances	<ul style="list-style-type: none"> 1 or more life rafts or recovery boats for 100% of persons on board; OR The following equipment: 1 EPIRB or two-way radio; AND If water temperature is less than 15°C, an immersion suit or anti-exposure work suit of appropriate size for each person on board OR, if in sheltered waters, life saving appliances or procedures for protection from the effects of hypothermia or cold shock 	<ul style="list-style-type: none"> 1 or more life rafts or a combination of life rafts and recovery boats for 100% of persons on board; AND 1 EPIRB; AND If water temperature is less than 15°C, an immersion suit or anti-exposure work suit of appropriate size for each person on board 	<ul style="list-style-type: none"> 1 or more SOLAS life rafts or reduced capacity life rafts for 100% of persons on board; AND Immersion suits of appropriate size for each person on board 	<ul style="list-style-type: none"> 2 or more SOLAS life rafts or reduced capacity life rafts mounted in such a manner that there is capacity for 100% of persons on board available on each side of the vessel; AND 1 Recovery boat; AND Immersion suits of appropriate size for each person on board
Person Overboard Retrieval Devices	<ul style="list-style-type: none"> 1 Buoyant heaving line of not less than 30 m in length; AND 1 SOLAS Lifebuoy that is equipped with a self-igniting light or with not less than 30 m of buoyant line attached; AND 1 Reboarding device; AND 1 Person overboard retrieval apparatus* OR Vessel carries a recovery boat <p><small>*not required if only one person on board</small></p>			
Visual Signals¹	<ul style="list-style-type: none"> 1 Watertight flashlight; AND 1 Signalling mirror; AND 12 Pyrotechnic distress signals of which not more than six are smoke signals 		<ul style="list-style-type: none"> 1 Watertight flashlight; AND 1 Signalling mirror; AND 12 Pyrotechnic distress signals of which at least four must be rocket parachute flares and not more than six are buoyant smoke signals 	
Fire Fighting Equipment²	<ul style="list-style-type: none"> 1 Portable fire extinguisher of type 2A:10B:C; AND 1 Portable fire extinguisher of type 2A:10B:C, at each access to a space with fuel-burning appliances; AND 1 Portable fire extinguisher of type 10B:C at the entrance to the engine space; AND 1 Fire axe; AND 1 Bucket 			
Additional Equipment	<ul style="list-style-type: none"> 1 manual bilge pump; AND 1 anchor and anchoring equipment that is arranged such that it can be deployed and retrieved effectively 			
First Aid Kit	<ul style="list-style-type: none"> Marine emergency first aid kit as per Section 3.24 of the FVSR; OR First aid kit that meets <i>Maritime Occupational Health and Safety Regulations</i>; OR First aid kit that meets provincial workplace safety regulations with face shield and two pairs of gloves. 			

1. A fishing vessel is not required to carry on board pyrotechnic distress signals if the vessel is equipped with a two-way radio system and is operated exclusively in the confines of a manned aquaculture facility OR within 500 m from shore OR operates on a river, canal or lake where it is never more than one nautical mile from shore.

2. See the equivalent classification of portable fire extinguishers that meet these carriage requirements.

Requirements	Dry Chemical ABC	Dry Chemical BC	Carbon Dioxide
1A:5B:C	1.5 Kg 3 Lbs		
2A:10B:C	2.25 Kg 5 Lbs		
2A:20B:C	4.5 Kg 10 Lbs		
5B:C	1.5 Kg 3 Lbs	1.5 Kg 3 Lbs	2.25 Kg 5 Lbs
10B:C	2.25 Kg 5 Lbs	2.25 Kg 5 Lbs	4.5 Kg 10 Lbs
20B:C	4.5 Kg 10 Lbs	4.5 Kg 10 Lbs	9 Kg 20 Lbs

This list is being provided as a Quick Reference Guide based on information contained in the Fishing Vessel Safety Regulations which came into force July 13, 2017. This list is not intended to be all inclusive or referencing all Sections of these Regulations. Owners and Operators of fishing vessels should consult with their local Transport Canada Marine Safety and Security office or the Transport Canada website for further information.



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Transport Canada Requirements for Pleasure Craft:

Excerpts from *SAFE BOATING GUIDE Safety Tips and Requirements for Pleasure Craft*

GETTING STARTED

SAFETY EQUIPMENT REQUIREMENTS

You must have the right equipment on board. If something goes wrong on the water, you will be much better prepared to deal with it if you have the right equipment on board, if it is in good working order and if everyone can find it and use it. Remember that the best protection you can give yourself on the water is to always wear your lifejacket or your PFD.

All safety equipment on board must be:

- in good working order;
 - always easy to reach (so that it can be used in an emergency); and
 - maintained and replaced in accordance with the manufacturer's instructions or recommendations.
- In Canada, the safety equipment required on board depends on the type and length of your boat. You can find the length of your boat:
- by reading the manufacturer's product information; or
 - by measuring it yourself (from the front outside surface of the hull shell to the back outside surface of the hull shell – bow to stern).

REMEMBER: These equipment requirements apply only to pleasure craft and are the same whether you own, rent or borrow the boat. This includes typical boats like power boats, sail boats and personal watercraft, as well as less common boats like airboats, air cushion vehicles (hovercraft) and wing in ground effect vessels that are used only for recreation. They also apply when using kiteboards.

These requirements do not apply to inflatable self-propelled water toys. These toys are not designed for use in open water. If you do choose to operate these toys in open water, enforcement officers will treat them as pleasure craft that are subject to the same strict rules.

Operating a remote-controlled vessel and a propeller-driven surfboard is against the law in Canada.

Minimum Safety Equipment Requirements

The following list names the minimum safety equipment required on board a pleasure craft. You may want to bring more equipment based on your type of boat, your activity and the current and forecasted weather and water conditions. Once you know the equipment you must carry on board your boat, read the following sections so you can get specific information about each piece.

REMEMBER: If you want information on workboats or commercial vessels' (non-pleasure craft) mandatory equipment, visit [Transport Canada's website](#).

BOAT TYPE AND LENGTH	PERSONAL LIFESAVING APPLIANCES	VISUAL SIGNALS	VESSEL SAFETY EQUIPMENT	NAVIGATION EQUIPMENT	FIRE FIGHTING EQUIPMENT
<p>° Personal Watercraft (PWC)</p>	<ol style="list-style-type: none"> One (1) lifejacket or PFD for each person on board* One (1) reboarding device (See Note.1) One (1) buoyant heaving line at least 15 m (49'3") long 	<ol style="list-style-type: none"> One (1) watertight flashlight OR Three (3) flares of type A, B or C (See Note.2) 	<ol style="list-style-type: none"> One (1) manual propelling device OR One (1) anchor and at least 15 m (49'3") of cable, rope or chain in any combination One (1) bailer or manual bilge pump (See Note.3) 	<ol style="list-style-type: none"> One (1) sound-signalling device or appliance (See Note.4) Navigation lights (See Note.4) One (1) magnetic compass (See Note.5) One (1) radar reflector (See Note.6) 	<ol style="list-style-type: none"> One (1) 5BC fire extinguisher
<p>*If every person on board a personal watercraft is wearing a lifejacket or a PFD of an appropriate size, you are only required to carry:</p> <ul style="list-style-type: none"> - 1) a sound-signalling device; - 2) a watertight flashlight or three pyrotechnic distress signals other than smoke signals; - 3) a magnetic compass if the personal watercraft is navigated out of sight of navigation marks; and - 4) navigation lights if the personal watercraft is used after sunset or before sunrise or in periods of restricted visibility. <p>NOTE: Lifejacket or PFD must be inherently buoyant.</p>					
<p>° Sail and Power Boats up to 6 m (19'8")</p>	<ol style="list-style-type: none"> One (1) lifejacket or PFD for each person on board One (1) reboarding device (See Note.1) One (1) buoyant heaving line at least 15 m (49'3") long 	<p>If boat is equipped with a motor</p> <ol style="list-style-type: none"> One (1) watertight flashlight OR Three (3) flares of type A, B or C (See Note.2) 	<ol style="list-style-type: none"> One (1) manual propelling device OR One (1) anchor and at least 15 m (49'3") of cable, rope or chain in any combination One (1) bailer or manual bilge pump (See Note.3) 	<ol style="list-style-type: none"> One (1) sound-signalling device or appliance (See Note.4) Navigation lights (See Note.4) One (1) magnetic compass (See Note.5) One (1) radar reflector (See Note.6) 	<ol style="list-style-type: none"> One (1) 5BC fire extinguisher if equipped with an inboard engine, a fixed fuel tank of any size, or a fuel-burning cooking, heating or refrigerating appliance
<p>° Sail and Power Boats over 6 m and up to 9 m (19'8" - 29'6")</p>	<ol style="list-style-type: none"> One (1) lifejacket or PFD for each person on board One (1) reboarding device (See Note.1) One (1) buoyant heaving line at least 15 m (49'3") long OR One (1) lifebuoy attached to a buoyant line at least 15 m (49'3") long 	<ol style="list-style-type: none"> One (1) watertight flashlight Six (6) flares of type A, B or C (See Note.2) 	<ol style="list-style-type: none"> One (1) manual propelling device OR One (1) anchor and at least 15 m (49'3") of cable, rope or chain in any combination One (1) bailer or manual bilge pump (See Note.3) 	<ol style="list-style-type: none"> One (1) sound-signalling device or appliance (See Note.4) Navigation lights (See Note.4) One (1) magnetic compass (See Note.5) One (1) radar reflector (See Note.6) 	<ol style="list-style-type: none"> One (1) 5BC fire extinguisher if equipped with a motor One (1) 5BC fire extinguisher if equipped with a fuel-burning cooking, heating or refrigerating appliance

BOAT TYPE AND LENGTH	PERSONAL LIFESAVING APPLIANCES	VISUAL SIGNALS	VESSEL SAFETY EQUIPMENT	NAVIGATION EQUIPMENT	FIRE FIGHTING EQUIPMENT
<p>* Sail and Power Boats over 9 m and up to 12 m (29'6" – 39'4")</p>	<p>1. One (1) lifejacket or PFD for each person on board</p> <p>2. One (1) reboarding device (See Note 1)</p> <p>3. One (1) buoyant heaving line at least 15 m (49'3") long</p> <p>4. One (1) lifebuoy attached to a buoyant line at least 15 m (49'3") long</p>	<p>5. One (1) watertight flashlight</p> <p>6. Twelve (12) flares of type A, B, C or D, not more than six (6) of which are of type D (See Note 2)</p>	<p>7. One (1) anchor and at least 30 m (98'5") of cable, rope or chain in any combination</p> <p>8. One (1) manual bilge pump OR Bilge-pumping arrangements</p>	<p>9. One (1) sound-signalling device or appliance</p> <p>10. Navigation lights (See Note 4)</p> <p>11. One (1) magnetic compass (See Note 5)</p> <p>12. One (1) radar reflector (See Note 6)</p>	<p>13. One (1) 10BC fire extinguisher if equipped with a motor</p> <p>14. One (1) 10BC fire extinguisher if equipped with a fuel-burning cooking, heating or refrigerating appliance</p>
<p>* Sail and Power Boats over 12 m and up to 24 m (39'4" – 78'9")</p>	<p>1. One (1) lifejacket or PFD for each person on board</p> <p>2. One (1) reboarding device (See Note 1)</p> <p>3. One (1) buoyant heaving line at least 15 m (49'3") long</p> <p>4. One (1) lifebuoy equipped with a self-igniting light or attached to a buoyant line at least 15 m (49'3") long</p>	<p>5. One (1) watertight flashlight</p> <p>6. Twelve (12) flares of type A, B, C or D, not more than six (6) of which are of type D (See Note 2)</p>	<p>7. One (1) anchor and at least 50 m (164'1") of cable, rope or chain in any combination</p> <p>8. Bilge-pumping arrangements</p>	<p>9. One (1) sound-signalling appliance. Two required if the boat is 20 m and over that meets the applicable standards set out in the <i>Collision Regulations</i></p> <p>10. Navigation lights (See Note 4)</p> <p>11. One (1) magnetic compass that meets the requirements set out in the <i>Navigation Safety Regulations</i> (See Note 5)</p> <p>12. One (1) radar reflector (See Note 6)</p>	<p>13. One (1) 10BC fire extinguisher at all of the following locations:</p> <ul style="list-style-type: none"> - at each access to any space where a fuel-burning cooking, heating or refrigerating appliance is fitted; - at the entrance to any accommodation space; and - at the entrance to the machinery space. <p>14. One (1) axe</p> <p>15. Two (2) buckets of at least 10 L each</p>
<p>* Sail and Power Boats over 24 m (78'9")</p>	<p>1. One (1) lifejacket or PFD for each person on board</p> <p>2. One (1) reboarding device (See Note 1)</p> <p>3. One (1) buoyant heaving line at least 30 m (98'5") long</p> <p>4. Two (2) SOLAS lifebuoys, of which:</p> <ul style="list-style-type: none"> - one (1) is attached to a buoyant line at least 30 m (98'5") long; and - one (1) is equipped with a self-igniting light. <p>5. Lifting harness with appropriate rigging</p>	<p>6. One (1) watertight flashlight</p> <p>7. Twelve (12) flares of type A, B, C or D, not more than six (6) of which are of type D (See Note 2)</p>	<p>8. One (1) anchor and at least 50 m (164'1") of cable, rope or chain in any combination</p> <p>9. Bilge-pumping arrangements</p>	<p>10. Two (2) sound-signalling appliances that meets the applicable standards set out in the <i>Collision Regulations</i> (See Note 4)</p> <p>11. Navigation lights (See Note 4)</p> <p>12. One (1) magnetic compass that meets the requirements set out in the <i>Navigation Safety Regulations</i> (See Note 5)</p> <p>13. One (1) radar reflector (See Note 6)</p>	<p>14. One (1) 10BC fire extinguisher at all of the following locations:</p> <ul style="list-style-type: none"> - at each access to any space where a fuel-burning cooking, heating or refrigerating appliance is fitted; - at the entrance to any accommodation space; and - at the entrance to the machinery space. <p>15. One (1) power-driven fire pump located outside the machinery space, with one fire hose and nozzle that can direct water into any part of the boat</p> <p>16. Two (2) axes</p> <p>17. Four (4) buckets of at least 10 L each</p>