

Part 1: Opening questions

1. Are you a crew member or captain of a commercial fishing vessel?
 - a. Yes, a crew member
 - b. Yes, a captain
 - c. I used to, but stopped because of _____. I was a _____
 - d. I have never been a commercial fisherman (ends survey)

2. What type of fisheries are you involved in? You may select more than one if you regularly fish more than one species?

| | |
|--------------|----------------|
| a. Lobster | f. Swordfish |
| b. Scallops | g. Mackerel |
| c. Snow crab | h. Groundfish |
| d. Herring | i. Other _____ |
| e. Tuna | |

3. **In your opinion**, what percentage of the garbage produced on fishing vessels is bought back to land for disposal?
 _____ %

Part 2: What is done with the garbage?

4. (a) What types of garbage are produced on your fishing vessel? (b) What is done with it?

| (a) Type of garbage | (b) What is done with it? |
|---------------------|--|
| | <i>Brought back to shore? Put in the dumpster recycling bin?</i> |
| | |
| | |

Part 3: Why is it done and what do you think?

5. Where and how is garbage stored on your fishing vessel?
 - Are garbage bags used?
 - Do you use a container?

6. What factors affect behaviours and attitudes of fishers when it comes to garbage disposal?... for instance:
 - a) Why are some fishers more likely to **return** garbage to shore?

 - b) Why are some fishers more likely to **throw** garbage overboard?

7. Earlier, you listed some types of garbage that are produced on commercial fishing vessels. How harmful do you think each of those garbage types would be if thrown into the ocean?

| Waste | Not at all harmful 1 | A little harmful 2 | Harmful 3 | Extremely harmful 4 | I don't know 5 | That's not produced on the vessel I work on |
|-----------------------------------|-------------------------|-----------------------|--------------|------------------------|-------------------|---|
| Plastic bags and wrap | () | () | () | () | () | () |
| Waste Oil | () | () | () | () | () | () |
| Lobster traps | () | () | () | () | () | () |
| Frozen bait packaging | () | () | () | () | () | () |
| Aluminum cans | () | () | () | () | () | () |
| Cardboard (Other than bait boxes) | () | () | () | () | () | () |
| Other plastic | () | () | () | () | () | () |
| Cleaner containers | () | () | () | () | () | () |
| Oil containers | () | () | () | () | () | () |
| Rope | () | () | () | () | () | () |
| Gloves | () | () | () | () | () | () |
| | () | () | () | () | () | () |
| | () | () | () | () | () | () |

| | | | | | | |
|--|-----|-----|-----|-----|-----|-----|
| | () | () | () | () | () | () |
| | () | () | () | () | () | () |

8. Are there certain kinds of garbage that are *thrown* overboard by fishers more often than others? Why?

- *Are some kinds of garbage difficult to deal with? Harder to store? Too large?*
- *Do you need special containers to store them on your vessel?*
- *Is that just how it's always been on the vessel you work on?*

9. Does the harbour you fish out of provide somewhere to store garbage?

Yes No

10. Does the harbour you fish out of provide somewhere to store recyclables?

Yes No

11. Are there issues with garbage at your harbour?

- *Is there garbage blowing around at the harbour?*
- *Waste bins overflowing?*
- *Illegal dumping?*

12. In your opinion, are fishers aware that garbage in the ocean is a hazard to the marine environment?

- *Are these impacts discussed amongst the fishing community?*

Part 4: General Comments

13. Can you suggest some things that could be done to improve how garbage is managed at harbours around Nova Scotia?

14. Do you have any other comments you would like to add? Are there things that you would like to say to other fishermen about garbage disposal? The harbour authority? Anyone else?

15. We might like to use your comments in reports and presentations. This can be done without mentioning your name. Is this alright with you? If it is not ok, we will only use your comments to help us look at the data we have gathered with this survey.

Yes _____ No _____

Part 5: Demographics

16. About how long have you worked on commercial fishing vessels?
_____years

17. What LFA (district) do you fish out of?

18. What harbour do you fish out of most often?

19. Do you have children who are expecting to have employment in the fishing industry in the future? Yes/No