Hook and Line Fleet Characterization

Vessel Name: _____   USCG #: ☐☐☐☐☐☐☐   State Reg #: _____

Vessel Characteristics

1. Does the vessel have a mast or boom? (See Figure 4)

    Mast   Boom   Both   Neither

2. Is the vessel's propeller single or double screw?

    Single   Double

3. What direction does the propeller turn? As viewed from aft of stern

    Clockwise   Counter-Clockwise   Opposite (If 2 props)

4. Where is the longline deployed (set from)?

Midline of Stern   Port side of Stern   Starboard side of Stern

    Port side of Vessel   Starboard side of Vessel

5. Measure the height of the setting point to the water (cm) _____ cm

6. Is the product delivered whole or head and gutted?   Whole   Head and Gutted   Both

7. Does the vessel discharge offal? Offal is defined as any type of processing waste, including fish guts and bait.

Bait only   Fish parts only   Bait and fish parts   No   *If no, skip questions 8 and 9*

8. Is the offal discharged on the opposite or same side of the hauling area? If **both**, what percentage (best guess) on each side?

    Same   Opposite   Both   Same _____%   Opposite _____%

9. Is offal discharged only during hauling, only during setting, or both?
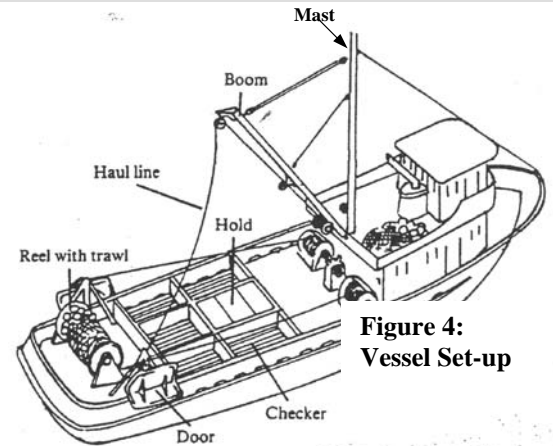
    Hauling   Setting   Both

Figure 4: Vessel Set-up

Gear Characteristics (Longline Gear ONLY)

1. Does the vessel hand bait the gear or use an auto-baiter?   Hand Bait   Autobaiter

2. Who is the manufacturer of the longline gear? _____

3. What type of longline gear does the vessel use?

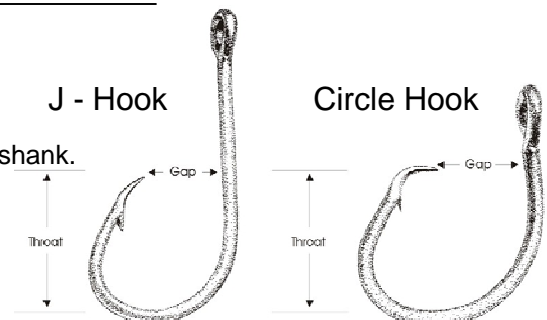   4 strand silverline   3 strand nylon   3 strand poly   Other _____

4. What is the diameter of the longline gear (mm)? _____ mm

5. Is the vessel using circle or J hooks? (circle one)

    Circle   J

Circle hook - A non-offset hook with the point turned perpendicularly back to the shank.
J Hook - Barbed point is almost parallel to the shank of the hook.

J - Hook   Circle Hook

6. What size are the hooks? _____

7. What color are the gangions? _____

Graphic provided by Joan Forsberg, IPHC, Seattle, WA

Gear Characteristics Continued (Longline Gear ONLY)

Please note: If vessel does not want you to touch their gear, leave this section blank.

8. Select 5 gangions from all the gear on the vessel. Measure the length of each gangion in mm, from where it's attached to the groundline to where it attaches to the hook. Then, measure the distance between where the gangion attaches on the groundline to where the next gangion attaches on the groundline.

Gangion Length: ☐ mm ☐ mm ☐ mm ☐ mm ☐ mm

Distance between gangions ☐ mm ☐ mm ☐ mm ☐ mm ☐ mm

SECTIONS BELOW DESCRIBE SEABIRD DETERRENT DEVICES. ONLY COMPLETE THE SECTION THAT DESCRIBES THE TYPE OF DETERRENT USED ON THE VESSEL.

Streamer Line Characteristics

1. How many streamer lines were used?   One   Two

2. Where were the streamer lines deployed relative to sinking hooks?
     Windward   Leeward   Over the hooks

3. Was there a towed object on the end of the streamer line?   Yes   No
     If YES, what was the object? _____

4. Do the streamers extend to the water surface in the absence of wind?   Yes   No

5. How many streamers are on each line? _____

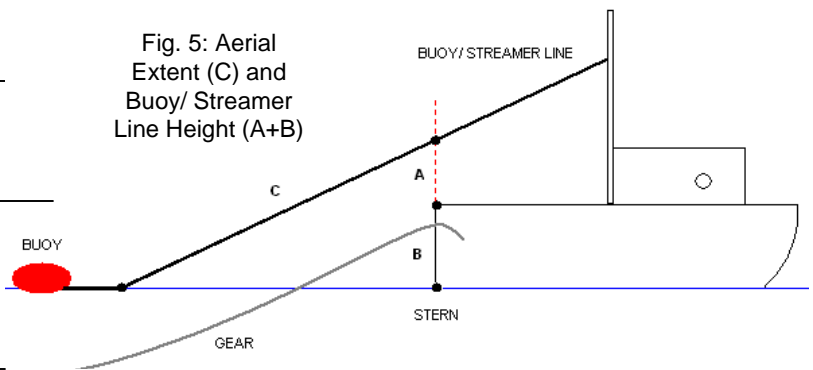**6. What color and material are the streamers?** _____

7. What is the distance between streamers, in meters? _____

8. What is the distance from the stern to the first streamer, in meters? _____

9. What are the lengths of A, B, & C (Fig. 5) in meters?
     A _____
     B _____   C _____

Fig. 5: Aerial Extent (C) and Buoy/ Streamer Line Height (A+B)

Buoy Line Characteristics

1. Where were the buoy lines deployed relative to sinking hooks?   Windward   Leeward
                                                        Over the hooks

2. What size and kind of buoy was used? _____

3. What are the lengths of A, B, & C (Fig. 5) in meters?   A _____ B _____ C _____

Weight Characteristics

1. How much weight is added and where is it placed?

Night Setting (Exclusively)

1. Does the vessel set gear exclusively at night?   Yes   No