



2016 SMAST BYCATCH AVOIDANCE



INSTRUCTION SHEET FOR SENDING AND RECEIVING DATA

1. **Locate your position** on the grid map.
2. **Record the letter of the grid cell you are fishing in and the pounds of yellowtail, windowpane, and scallops** caught during each tow on the provided data collection worksheets.

- If you cross a grid line during a single tow, record the cell where the most fishing effort occurred.

3. **Tally the tows** made in each cell and add up the yellowtail (YT), scallop and windowpane (WP) pounds.

- For example:

Cell	#Tows	Lbs YT	Lbs Scal	Lbs WP
S	4	15	1200	30
X	3	5	900	75

This shows that cell S had 4 tows with 15 pounds of YT, 1200 pounds of scallops, and 30 pounds of WP; cell X had 3 tows with 5 pounds of YT, 900 pounds of scallops, and 75 pounds of WP.

** As a weight guide:

- **Yellowtail possession prohibited:**

- Yellowtail less than 12" weigh approximately 0.5 lbs.
- Yellowtail greater than 12" weigh approximately 1.0 lbs.

- **Windowpane possession prohibited:**

- Full basket (level, not mounded) of windowpane weighs approximately 80 lbs.
- Half basket of windowpane weighs approximately 40 lbs.

4. **Report your catch** once per day to SMAST.

BOATRACS: Use **code 15** to access the Macro on your Boatracs unit.

- **Step 1:** Enter the area where you are fishing.
(4 = North Georges, 5 = South Georges, 6 = Southern New England, 7 = Great South Channel)
- **Step 2:** Enter whether or not you are carrying an observer
- **Step 3:** Enter the presence/absence of grey scallop meat in the catch
 - o **Presence = more than 25% grey meats in total catch**
- **Step 4:** Use the table in the Macro to record data. Use a separate line for each grid cell.

NON-BOATRACS: Email the daily catch reports to SMAST at scallops@umassd.edu (same method as previously):

5. SMAST will retrieve all data reports at 7:00am and compile information. **You will receive email advisories from SMAST about the location of yellowtail and windowpane bycatch hotspots (MEDIUM and HIGH concentrations) for each area that is fished.**

All vessel information remains confidential.

****Reporting scallop catch is very important to ensure bycatch hotspots are accurate****