

GILLNET HAUL LOG
NMFS FISHERIES OBSERVER PROGRAM
OBGGH OBHAU OBSPP 01/01/21

OBS/ TRIP ID	
DATE LAND (mm/yy)	/ /
PAGE #	<input type="checkbox"/> OF <input type="checkbox"/>

GEAR CODE	GEAR #	HAUL #	HAUL OBS? NO 0 _____ YES 1 _____	ON-EFFORT? NO 0 _____ YES 1 _____	MM WATCH? NO 0 _____ YES 1 _____	CATCH? NO 0 _____ YES 1 _____	INC TAKE? NO 0 _____ YES 1 _____	WEATHER CODE	WIND SPEED _____ kn DIRECTION _____ °	WAVE HEIGHT _____ ft	DEPTH, HAUL BEGIN BOTTOM _____ fm LEADLINE _____ fm
-----------	--------	--------	--	---	--	-------------------------------------	--	--------------	---	-------------------------	---

SET INFO	DATE AND TIME mm/dd/yy 24 hours	LATITUDE / LONGITUDE (DD MM.M) - LORAN (XXXXX)				ESTIMATED SOAK DURATION	TARGET SPECIES	CODE(S)	GEAR COND CODE
S E T	BEGIN / / : END / / :	Station 1 9960 -	Latitude / Bearing	Station 2 9960 -	Longitude / Bearing	_____ hrs	NUMBER OF NETS	IF MM DETERRENTS USED: ACTIVE _____ PASSIVE _____	

HAUL INFO	DATE AND TIME mm/dd/yy 24 hours	Station 1 9960 -	Latitude / Bearing	Station 2 9960 -	Longitude / Bearing	WATER TEMP _____ ° F	SET _____	HAULED _____	LOST _____	HAULED ACTIVE _____ PASSIVE _____
-----------	------------------------------------	---------------------	--------------------	---------------------	---------------------	-------------------------	-----------	--------------	------------	--------------------------------------

COMMENTS

SET METHOD

Unknown	00 _____	Visual	05 _____
Temperature	01 _____	Mixed	98 _____
Bottom Contours	02 _____	Other	99 _____
Compass/Loran	03 _____		
Tide/Current	04 _____		

SAMPLE WEIGHT MULTIPLIER _____

SPECIES				WEIGHT				SPECIES				WEIGHT			
NAME	CODE	SUB-SAMPLE WEIGHT	POUNDS	DISP CODE	D/R	EST METHOD CODE	NAME	CODE	SUB-SAMPLE WEIGHT	POUNDS	DISP CODE	D/R	EST METHOD CODE		
1		_____					11		_____						
2		_____					12		_____						
3		_____					13		_____						
4		_____					14		_____						
5		_____					15		_____						
6		_____					16		_____						
7		_____					17		_____						
8		_____					18		_____						
9		_____					19		_____						
10		_____					20		_____						

CATCH ESTIMATION WORKSHEET
NMFS FISHERIES OBSERVER PROGRAM
01/01/21

OBS/TRIP ID	
DATE LANDED mm/yy	/
HAUL #	

SORTING METHOD Check all that apply 1 <input type="checkbox"/> Picked 2 <input type="checkbox"/> Shoveled 3 <input type="checkbox"/> Deckloaded 4 <input type="checkbox"/> Conveyor System 5 <input type="checkbox"/> Pumping System 9 <input type="checkbox"/> Other (Comment)	ESTIMATION METHODS 01 = Actual (Spring Scale) 11 = Actual (Electronic Scale) 05 = Tally 03 = Basket or Tote Count 02 = Volume-to-Volume 13 = Count-to-Count 14 = Weight-to-Weight 07 = Cumulative Sum 12 = Trap Subsample 10 = Catch Composition Log 04 = Captain 06 = Visually Estimated 98 = Combination (Comment) 99 = Other (Comment)
---	--

BASKET OR TOTE COUNT OR TALLY								
**Unit Types: B = Basket, T = Tote, I = Individual (tally), O = Other								
Species	Disp. Code	**Unit Type	List Individual Sample Weights	Total Sample Weight	# of Sample Units	Avg. Weight per Unit	Total # of Units	Total Est. Weight
1						_____ . ____		
2						_____ . ____		
3						_____ . ____		
4						_____ . ____		
5						_____ . ____		
6						_____ . ____		
7						_____ . ____		
8						_____ . ____		
9						_____ . ____		
10						_____ . ____		

VOLUME-TO-VOLUME
 CATCH PILE SHAPE AS SEEN FROM ABOVE:

Trapezoid

$$\left(\frac{W1 + W2}{2} \right) \times L \times \text{Avg. Depth} \times 0.5 = \text{Volume (ft}^3\text{)}$$

Rectangle

$$W \times L \times \text{Avg. Depth} = \text{Volume (ft}^3\text{)}$$

Triangle

$$\left(\frac{W}{2} \right) \times L \times \text{Avg. Depth} \times 0.5 = \text{Volume (ft}^3\text{)}$$

Full Oval or Half-Oval

$$W \times L \times \text{Avg. Depth} \times 0.785 = \text{Volume (ft}^3\text{)}$$

Other Shapes or Combination: Draw and label all dimensions in comments.

DEPTHS: Representative depths (ft) systematically taken throughout the catch pile. Include a single depth of 0.0 ft if the catch pile is not in a checker pen or slopes to zero.

COMMENTS :

A) Total Haul Vol. _____ ft ³	B) Total Subsample Vol. Basket(s) X 1.47 ft ³ = _____ ft ³ Tote(s) X 2.65 ft ³ = _____ ft ³ Other(s) X _____ ft ³ = _____ ft ³	C) Sample Weight Multiplier (A ÷ B) _____
--	--	--

OTHER SUBSAMPLE TYPES

Unit Type	A) Total	B) Sample
<input type="checkbox"/> Basket <input type="checkbox"/> Tote		
<input type="checkbox"/> Weight <input type="checkbox"/> Trap		
<input type="checkbox"/> Count <input type="checkbox"/> Other		

>> Copy to Front >>

DECKLOADING and CUMULATIVE SUM

Entire Deckloading Haul Range	Deckloading Measurements	
	Total Pile Vol.	Remainder Pile Vol.
	_____ ft ³	_____ ft ³
	= _____ ft ³	

Number of Hauls _____

*Est.Meth.: Estimation Method used to obtain species Total Samp. Wgt. for cumulative sum calculation. If not '01' or '11' show all additional calculations & use '98' on front.

Species	Disp. Code	Total Sampled Weight	*Est. Method	Weight per Haul
1				
2				
3				
4				
5				