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

OBS/ TRIP ID	
DATE LAND (mm/yy)	/
PAGE #	☐ OF ☐

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

SET INFO	DATE mm/dd/yy	TIME 24 hours	LATITUDE / LONGITUDE (DD MM.M) - LORAN (XXXXX) Station 1	Latitude / Bearing	Station 2	Longitude / Bearing	ESTIMATED SOAK DURATION	TARGET SPECIES	CODE(S)	GEAR COND CODE
SET BEGIN	/ /	:	9960 -		9960 -					
SET END	/ /	:	9960 -		9960 -		. hrs			
HAUL INFO							WATER TEMP			
HAUL BEGIN	/ /	:	9960 -		9960 -					
HAUL END	/ /	:	9960 -		9960 -		. F			

NUMBER OF NETS		IF MM DETERRENTS USED:	ACTIVE	PASSIVE
SET	_____			
HAULED	_____	HAULED	_____	_____
LOST	_____	LOST	_____	_____

COMMENTS

SAMPLE WEIGHT MULTIPLIER ____._ _

SET METHOD

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

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

OMB Control No.: 0648-0593
Expires On: XX/XX/20XX

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 ☐ Picked
2 ☐ Shoveled
3 ☐ Deckloaded
4 ☐ Conveyor System
5 ☐ Pumping System
9 ☐ 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)	

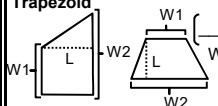
MAREL SCALE CALIBRATION WT

____ . __ __

VOLUME-TO-VOLUME

CATCH PILE SHAPE AS SEEN FROM ABOVE:

Trapezoid

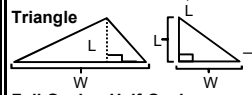


(____.__ ft + ____.__ ft) X ___.__ ft X ___.__ __ ft X 0.5 = _____.__ __ ft³
Width 1 Width 2 Length Avg. Depth Volume

Rectangle

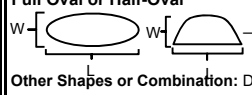
____.__ ft X ____.__ ft X ____.__ __ ft = _____.__ __ ft³
Width Length Avg. Depth Volume

Triangle



____.__ ft X ____.__ ft X ____.__ __ ft X 0.5 = _____.__ __ ft³
Width Length Avg. Depth Volume

Full Oval or Half-Oval



____.__ ft X ____.__ ft X ____.__ __ ft X 0.785 = _____.__ __ ft³
Width Length Avg. Depth Volume

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.

= . ft³
Volume

___.	___.__	___.	___.	___.__	___.__	___.__	___.	___.	___.

A) Total Haul Vol.

_____.__ __ ft³

B) Total Subsample Vol.

____ Basket(s) X 1.47 ft³ = _____.__ __ ft³
____ Tote(s) X 2.65 ft³ = _____.__ __ ft³
____ Other(s) X ____.__ __ ft³ = _____.__ __ ft³

C) Sample Weight Multiplier

(A ÷ B)

_____.___ ___

>> Copy to Front >>

OTHER SUBSAMPLE TYPES

Unit Type	A) Total	B) Sample
☐ Basket ☐ Tote ☐ Weight ☐ Trap ☐ Count ☐ Other		

DECKLOADING and CUMULATIVE SUM

Entire Deckloading Haul Range

_____ – _____

Deckloading Measurements

Total Pile Vol. Remainder Pile Vol. A) Total Haul Vol.

___.__ ft³ - ___.__ ft³ = ___.__ ft³

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				

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							____ . __		

COMMENTS :

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