

PURSE SEINE SET LOG
NMFS FISHERIES OBSERVER PROGRAM
OBPSH 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 _____	CATCH? NO 0 _____ YES 1 _____	INC TAKE? NO 0 _____ YES 1 _____	WEATHER CODE	WIND SPEED _____ kn DIRECTION _____ °		WAVE HEIGHT _____ ft	DEPTH, HAUL BEGIN _____ fm	GEAR COND CODE	
SET INFO	DATE mm/dd/yy	TIME 24 hours	LATITUDE / LONGITUDE (DD MM.M) - LORAN (XXXXX)				SET SPEED	TARGET SPECIES CODE(S)					
BEGIN	/ /	:	Station 1 9960 -	Latitude / Bearing	Station 2 9960 -	Longitude / Bearing	_____ kn						
END	/ /	:	PLANE USED? NO 0 _____ YES 1 _____	TIME UP :	WATER TEMP (Fahrenheit) _____ ° F	NO 0 YES 1	SET BY PLANE? _____	_____	SUCCESSFUL SET? _____	_____	NO 0 YES 1	SET ON DEBRIS? _____	_____
FISH PUMPING				TIME DOWN :			SET ON DEBRIS? _____	_____	FISH LOST? _____	_____		_____	_____
BEGIN	/ /	:											
END	/ /	:											

COMMENTS

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

MAREL SCALE
CALIBRATION WT

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

$$\left(\frac{\text{Width 1} + \text{Width 2}}{2} \right) \times \text{Length} \times \text{Avg. Depth} \times 0.5 = \text{Volume } \text{ft}^3$$

Rectangle

$$\text{Width} \times \text{Length} \times \text{Avg. Depth} = \text{Volume } \text{ft}^3$$

Triangle

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

Full Oval or Half-Oval

$$\text{Width} \times \text{Length} \times \text{Avg. Depth} \times 0.785 = \text{Volume } \text{ft}^3$$

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

DEPTHS: Representative depths (ft) systematically taken throughout the catch pile. = _____ Volume
 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. _____ 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 <input type="checkbox"/> Basket <input type="checkbox"/> Tote <input type="checkbox"/> Weight <input type="checkbox"/> Trap <input type="checkbox"/> Count <input type="checkbox"/> Other	A) Total B) Sample

DECKLOADING and CUMULATIVE SUM

Entire Deckloading Haul Range _____	Deckloading Measurements Total Pile Vol. _____ Remainder Pile Vol. _____ A) Total Haul Vol. _____			
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				