

SCALLOP TRAWL HAUL LOG
NMFS FISHERIES OBSERVER PROGRAM
OBSTH OBHAU OBSPP 01/01/21

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

GEAR CODE <input type="text"/>	GEAR # <input type="text"/>	HAUL # <input type="text"/>	HAUL OBS? NO 0 <input type="text"/> YES 1 <input type="text"/>	ON-EFFORT? NO 0 <input type="text"/> YES 1 <input type="text"/>	CATCH? NO 0 <input type="text"/> YES 1 <input type="text"/>	INC TAKE? NO 0 <input type="text"/> YES 1 <input type="text"/>	WEATHER CODE	WIND SPEED <input type="text"/> kn DIRECTION <input type="text"/> °	WAVE HEIGHT <input type="text"/> ft	DEPTH, HAUL BEGIN <input type="text"/> fm	GEAR COND CODE		
HAUL INFO	DATE mm/dd/yy	TIME 24 hours	LATITUDE / LONGITUDE (DD MM.M) - LORAN (XXXXX)				NET OBSERVED	TOW SPEED	WIRE OUT				
BEGIN HAUL	/ /	:	Station 1 9960 -	Latitude / Bearing	Station 2 9960 -	Longitude / Bearing	Port 1 <input type="text"/> Starboard 2 <input type="text"/>	<input type="text"/> kn	<input type="text"/> fm				
BEGIN FISHING	/ /	:					Both 3 <input type="text"/> Aft 4 <input type="text"/>	TARGET SPECIES		CODE			
END HAUL	/ /	:	9960 -		9960 -		Sea Scallops		8009				
GEAR ONBOARD	/ /	:					SEA SCALLOP CLAPPERS OBS? NO 0 <input type="text"/> YES 1 <input type="text"/>	NUMBER OF TURNS					
COMMENTS												WATER TEMP <input type="text"/> ° F	
								SAMPLE WEIGHT MULTIPLIER <input type="text"/>	VERTICAL OPENING ** <input type="text"/> ft	HORIZONTAL OPENING ** <input type="text"/> ft	DOOR SPREAD ** <input type="text"/> ft		

** Only fill in if gear mounted electronics are used.

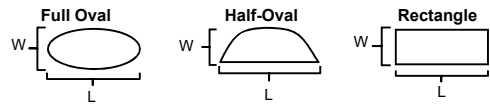
SPECIES		SUB-SAMPLE WEIGHT	POUNDS	DISP CODE	WEIGHT		SPECIES		SUB-SAMPLE WEIGHT	POUNDS	DISP CODE	WEIGHT	
NAME	CODE				D/R	ESTIMATION METHOD CODE	NAME	CODE				D/R	ESTIMATION METHOD CODE
1	Sea Scallops	8009		100				11					
2								12					
3								13					
4								14					
5								15					
6								16					
7								17					
8								18					
9								19					
10								20					

CATCH ESTIMATION WORKSHEET (SCALLOP)
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 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)	DECKLOADING Entire Deckloading Haul Range _____ Number of Hauls _____	CUMULATIVE SUM *Estimation Method used to obtain species Total Samp.Wgt. for cumulative sum calculation. If not '01' or '11' show all additional calculations and use '98' on front.
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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:  <p>Other Shapes or Combinations: Draw & label all dimensions in comments.</p>	MAREL SCALE CALIBRATION WT _____ . ____ 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.
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A1) REMAINDER VOLUME from previous haul(s)

Starboard Circle One: Full Oval Half-Oval Rectangle

_____ ft X _____ ft X _____ ft (X 0.785) = _____ ft³

Width Length Avg. Depth (ovals) Volume

Depths:

Port Circle One: Full Oval Half-Oval Rectangle

_____ ft X _____ ft X _____ ft (X 0.785) = _____ ft³

Width Length Avg. Depth (ovals) Volume

Depths:

A1) TOTAL REMAINDER VOLUME (Starboard + Port) = _____ ft³

A2) TOTAL VOLUME after current haul dumped

Starboard Circle One: Full Oval Half-Oval Rectangle

_____ ft X _____ ft X _____ ft (X 0.785) = _____ ft³

Width Length Avg. Depth (ovals) Volume

Depths:

Port Circle One: Full Oval Half-Oval Rectangle

_____ ft X _____ ft X _____ ft (X 0.785) = _____ ft³

Width Length Avg. Depth (ovals) Volume

Depths:

A2) TOTAL CATCH PILE VOLUME (Starboard + Port) = _____ ft³

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) _____ . ____ >> Copy to Front >>
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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	
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COMMENTS :

1

2

3

4

5

6

7

8

9

10