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

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

GEAR CODE	GEAR #	HAUL #	HAUL OBS?	ON-EFFORT?	CATCH?	INC TAKE?	WEATHER CODE	WIND		WAVE HEIGHT	DEPTH, HAUL BEGIN	GEAR COND CODE
			NO 0 ___	NO 0 ___	NO 0 ___	NO 0 ___		SPEED	DIRECTION			
			YES 1 ___	YES 1 ___	YES 1 ___	YES 1 ___			o			
								kn		ft	fm	

HAUL INFO	DATE mm/dd/yy	TIME 24 hours	LATITUDE / LONGITUDE (DD MM.M) - LORAN (XXXXX)				NET OBSERVED	TOW SPEED	WIRE OUT
			Station 1	**Latitude** / Bearing	Station 2	**Longitude** / Bearing			
BEGIN HAUL	/ /	:	9960 -		9960 -		Port 1 ___ / Starboard 2 ___	_____.____ kn	fm
BEGIN FISHING	/ /	:					Both 3 ___ / Aft 4 ___	TARGET SPECIES	CODE
END HAUL	/ /	:	9960 -		9960 -			**Sea Scallops**	8009
GEAR ONBOARD	/ /	:					SEA SCALLOP CLAPPERS OBS?		NUMBER OF TURNS
COMMENTS							NO 0 ___ / YES 1 ___		WATER TEMP ____ . ___ o F

SAMPLE WEIGHT MULTIPLIER	VERTICAL OPENING **	HORIZONTAL OPENING **	DOOR SPREAD **
_____.__ __	ft	ft	ft

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

SPECIES NAME	CODE	SUB-SAMPLE WEIGHT	POUNDS	DISP CODE	WEIGHT D/R	ESTIMATION METHOD CODE	SPECIES NAME	CODE	SUB-SAMPLE WEIGHT	POUNDS	DISP CODE	WEIGHT 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 ☐ 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)	

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.

	Species	Disp. Code	Total Sampled Weight	*Est. Method	Weight per Haul
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

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							_____ . ____		

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

Full Oval   Half-Oval   Rectangle

Other Shapes or Combinations: Draw & label all dimensions in comments.

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.

A1) REMAINDER VOLUME from previous haul(s)

Starboard   Circle One: Full Oval   Half-Oval   Rectangle   Depths

___.__ ft X ___.__ ft X ___.__ __ ft (X 0.785)=___.__ __ ft³
Width   Length   Avg. Depth   (ovals)   Volume

Port   Circle One: Full Oval   Half-Oval   Rectangle   Depths

___.__ ft X ___.__ ft X ___.__ __ ft (X 0.785)=___.__ __ ft³
Width   Length   Avg. Depth   (ovals)   Volume

A1) TOTAL REMAINDER VOLUME (Starboard + Port) =___.__ __ ft³

A2) TOTAL VOLUME after current haul dumped

Starboard   Circle One: Full Oval   Half-Oval   Rectangle   Depths

___.__ ft X ___.__ ft X ___.__ __ ft (X 0.785)=___.__ __ ft³
Width   Length   Avg. Depth   (ovals)   Volume

Port   Circle One: Full Oval   Half-Oval   Rectangle   Depths

___.__ ft X ___.__ ft X ___.__ __ ft (X 0.785)=___.__ __ ft³
Width   Length   Avg. Depth   (ovals)   Volume

A2) TOTAL CATCH PILE VOLUME (Starboard + Port) =___.__ __ π

COMMENTS :

A) Total Haul Vol.	B) Total Subsample Vol.	C) Sample Weight Multiplier (A ÷ B)
_____.__ __ ft³	____ Basket(s) X 1.47 ft³ =___.__ __ft³ ____ Tote(s) X 2.65 ft³ =___.__ __ft³ ____ Other(s) X ___.__ __ ft³ =___.__ __ft³	_____.____ ___ >> Copy to Front >>

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