SCALLOP TRAWL HAUL LOG
NMFS FISHERIES OBSERVER PROGRAM
OBSTH OBHAU OBSPP 05/01/13

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

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

HAUL INFO	DATE mm/dd/yy	TIME 24 hours	LATITUDE / LONGITUDE (DD MM.M) - LORAN (XXXXX) Station 1	Latitude / Bearing	Station 2	Longitude / Bearing
BEGIN HAUL	/ /	:	9960 -		9960 -	
BEGIN FISHING	/ /	:				
END HAUL	/ /	:	9960 -		9960 -	
GEAR ONBOARD	/ /	:				

NET OBSERVED
Port 1 ___
Starboard 2 ___
Both 3 ___
Aft 4 ___

TOW SPEED
_____.____ kn

WIRE OUT
fm

TARGET SPECIES: **Sea Scallops** CODE: **8009**

SEA SCALLOP CLAPPERS OBS?
NO 0 ___
YES 1

NUMBER OF TURNS

WATER TEMP
o
____.___ F

COMMENTS

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	WEIGHT ESTIMATION METHOD CODE
1	**Sea Scallops**	**8009**	.		**100**		
2			____.				
3			____.				
4			____.				
5			____.				
6			____.				
7			____.				
8			____.				
9			____.				
10			____.				

	SPECIES NAME	CODE	SUB-SAMPLE WEIGHT	POUNDS	DISP CODE	WEIGHT D/R	WEIGHT ESTIMATION METHOD CODE
11			.				
12			____.				
13			____.				
14			____.				
15			____.				
16			____.				
17			____.				
18			____.				
19			____.				
20			____.				

OMB Control No.: 0648-0593
Expires on: 11/30/2015

CATCH ESTIMATION WORKSHEET (SCALLOP)
NMFS FISHERIES OBSERVER PROGRAM
05/01/13

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

SORTING METHOD

1 ☐ Picked
2 ☐ Shoveled
3 ☐ Deckloaded
4 ☐ Conveyor System
5 ☐ Pumping System
8 ☐ Combination (Comment)
9 ☐ Other (Comment)
_____

ESTIMATION METHODS

01 = Actual (Spring Scale)
03 = Basket or Tote Count
07 = Cumulative Sum
04 = Captain
06 = Visually Estimated
10 = Catch Composition Log
98 = Combination (Comment)
99 = Other (Comment)
11 = Actual (Electronic Scale)
05 = Tally
02 = Volume-to-Volume

MAREL SCALE FIT VALUE
_____

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 SAMP. WGT.	*EST. METH.	WGT. PER HAUL
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

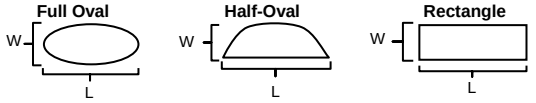
BASKET OR TOTE COUNT OR TALLY

**Unit Types: B = Basket, T = Tote, I = Individual (tally), O = Other

	SPECIES	DISP. CODE	**UNIT TYPE	LIST INDIVIDUAL SAMPLE WGTS.	TOTAL SAMPLE WGT.	# OF SAMPLE UNITS	AVG. WGT. PER UNIT	TOTAL # OF UNITS	TOTAL EST. WGT.
1							_____ . ___		
2							_____ . ___		
3							_____ . ___		

VOLUME-TO-VOLUME

CATCH PILE SHAPE AS SEEN FROM ABOVE:



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.

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

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 (if oval or half-oval) Volume

Depths: ___.__ ___.__ ___.__ ___.__ ___.__ / ___.__ ___.__ ___.__ ___.__ ___.__

Port Circle One: Full Oval Half-Oval Rectangle

____.__ ft X ____.__ ft X ____.__ ft (X 0.785) =_____.__ __ ft³
Width Length Avg. Depth (if oval or half-oval) 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 (if oval or half-oval) Volume

Depths: ___.__ ___.__ ___.__ ___.__ ___.__ / ___.__ ___.__ ___.__ ___.__ ___.__

Port Circle One: Full Oval Half-Oval Rectangle

____.__ ft X ____.__ ft X ____.__ ft (X 0.785) =_____.__ __ ft³
Width Length Avg. Depth (if oval or half-oval) Volume

Depths: ___.__ ___.__ ___.__ ___.__ ___.__ / ___.__ ___.__ ___.__ ___.__ ___.__

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

A) Total Haul Vol. (A2 - A1)
_____.__ __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)
_____.___ ___
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COMMENTS

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