

**LONGLINE HAUL LOG  
 NMFS FISHERIES OBSERVER PROGRAM  
 OBL LH OBHAU OBSPP 05/01/13**

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"/> DIRECTION <input type="text"/>	WAVE HEIGHT <input type="text"/> ft	DEPTH, HAUL BEGIN <input type="text"/> fm	GEAR COND CODE
SET/HAUL INFO	DATE AND TIME mm/dd/yy 24 hours	LATITUDE / LONGITUDE (DD MM.M) - LORAN (XXXXX)					WATER TEMP	TARGET SPECIES	CODE(S)		
S BEGIN	/ / :	Station 1	Latitude / Bearing	Station 2	Longitude / Bearing	<input type="text"/> ° <input type="text"/> F	MAINLINE LENGTH **       nm	SET METHOD Unknown 00 ___ Temperature 01 ___ Bottom Contours 02 ___ Compass/Loran 03 ___ Tide/Current 04 ___ Visual 05 ___ Eddy 06 ___ Mixed 98 ___ Other 99 ___			
E	/ / :	9960 -		9960 -		<input type="text"/> ° <input type="text"/> F					
T END **	/ / :	9960 -		9960 -		<input type="text"/> ° <input type="text"/> F					
H BEGIN **	/ / :	9960 -		9960 -		<input type="text"/> ° <input type="text"/> F					
A	/ / :	9960 -		9960 -		<input type="text"/> ° <input type="text"/> F					
U END	/ / :	9960 -		9960 -		<input type="text"/> ° <input type="text"/> F					
L	/ / :	9960 -		9960 -		<input type="text"/> ° <input type="text"/> F					

<b>ITEMS USED?</b>	NUMBER OF HOOKS			BAIT				SET SPEED	** only record for Demersal and Pelagic Longline.
TYPE	NO	YES	NUMBER	SET	LBS	KIND	TYPE	COND	
Rattlers **	0 ___	1 ___	___	___	___	___	___	___	
Surface Lights **	0 ___	1 ___	___	HAULED	___	___	___	___	
Additional Line Wts	0 ___	1 ___	___	LOST	___	___	___	___	
WEIGHT OF ADDITIONAL LINE WEIGHTS	___ lbs			TENDED **	COMMENTS				
				REBAITED **					

SPECIES		SAMP. WEIGHT	POUNDS	DISP CODE	WEIGHT	
NAME	CODE				D/R	ESTIMATION METHOD CODE

# CATCH ESTIMATION WORKSHEET NMFS FISHERIES OBSERVER PROGRAM

05/01/13

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DATE LANDED mm/yy	/ /
HAUL #	

SORTING METHOD		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	07 = Cumulative Sum
4 <input type="checkbox"/> Conveyor System		04 = Captain	
5 <input type="checkbox"/> Pumping System		06 = Visually Estimated	
8 <input type="checkbox"/> Combination (Comment)		10 = Catch Composition Log	
9 <input type="checkbox"/> Other (Comment)		98 = Combination (Comment)	
		99 = Other (Comment)	

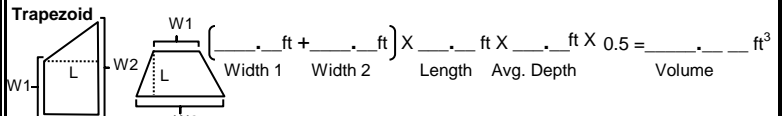
MAREL SCALE  
FIT VALUE

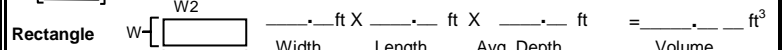
## BASKET OR TOTE COUNT OR TALLY

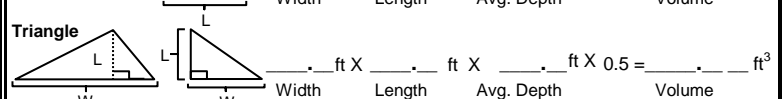
\*\*Unit Types: B = Basket, T = Tote, I = Individual (tally), O = Other

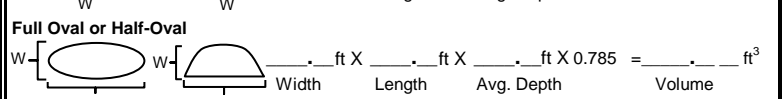
SPECIES	DISP. CODE	**UNIT TYPE	LIST INDIVIDUAL SAMPLE WGTS.	TOTAL SAMPLE WGT.	# OF SAMPLE UNITS	AVG. WGT. PER UNIT	TOTAL # OF UNITS	TOTAL EST. WGT.
1						_____ . ____		
2						_____ . ____		
3						_____ . ____		
4						_____ . ____		
5						_____ . ____		
6						_____ . ____		
7						_____ . ____		
8						_____ . ____		
9						_____ . ____		
10						_____ . ____		

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

**Trapezoid**  


**Rectangle**  


**Triangle**  


**Full Oval or Half-Oval**  


**Other Shapes or Combination: Draw and label all dimensions in comments.** = \_\_\_\_\_ ft³

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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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 >>
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**DECKLOADING and CUMULATIVE SUM**

Entire Deckloading Haul Range _____ - _____	Deckloading Measurements Total Pile Vol. _____ ft³    Remainder Pile Vol. _____ ft³    A) Total Haul Vol. _____ ft³
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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 SAMP. WGT.	*EST. METH.	WGT. PER HAUL
1				
2				
3				
4				
5				

COMMENTS :