

BEACH SEINE / BEACH ANCHORED GILLNET HAUL LOG
NMFS FISHERIES OBSERVER PROGRAM
OBBSH OBHAU OBSPP 01/01/10

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 _____	MM WATCH? NO 0 _____ YES 1 _____	CATCH? NO 0 _____ YES 1 _____	INC TAKE? NO 0 _____ YES 1 _____	WEATHER CODE	WIND SPEED _____ kn DIRECTION _____ °		WAVE HEIGHT _____ ft	GEAR COND CODE	
HAUL INFO	DATE (mm/dd/yy)	TIME (24 hrs)	LATITUDE/LONGITUDE (DD MM.M) - LORAN (XXXXX)				EST SOAK DUR	WATER TEMP	TARGET SPECIES	CODE(S)		
BEGIN	/ /	:	Station 1	Latitude/Bearing	Station 2	Longitude/Bearing		°				
END	/ /	:	9960-		9960-		hrs	F				

COMMENTS	NUMBER OF NETS	IF MM DETERRENTS USED	
	SET _____	ACTIVE	PASSIVE
	HAULED _____	HAULED _____	_____
	LOST _____	LOST _____	_____

SPECIES		CATCH DISP (K/D)	POUNDS	DISP CODE	WEIGHT		SPECIES		CATCH DISP (K/D)	POUNDS	DISP CODE	WEIGHT	
NAME	CODE				D/R	ESTIMATION METHOD CODE	NAME	CODE				D/R	ESTIMATION METHOD CODE

CATCH ESTIMATION WORKSHEET
NMFS FISHERIES OBSERVER PROGRAM

01/01/10

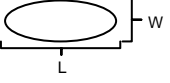
OBS/TRIP ID	
DATE LANDED mm/yy	/
HAUL #	

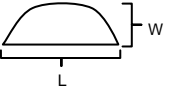
SORTING METHOD		ESTIMATION METHOD(S)	
Picked	1	Weighed (Actual)	01
Shoveled	2	Volume-to-Volume	02
Deckloaded	3	Basket or Tote Count	03
Conveyor System	4	Captain	04
Combination (comment)	8	Tally	05
Other (comment)	9	Visually Estimated	06
		Cumulative Sum	07
HAUL NUMBERS WHERE DECKLOADING OCCURRED		Combination (comment)	98
		Other (comment)	99

TALLY/BASKET/TOTE COUNTS			
Unit Types: B = basket, T = tote, I = individual (tally)			
Species:	Unit Type	Avg Weight/Unit	# of Units
_____	_____	_____ lbs	_____
_____	_____	_____ lbs	_____
_____	_____	_____ lbs	_____
_____	_____	_____ lbs	_____
_____	_____	_____ lbs	_____
_____	_____	_____ lbs	_____
_____	_____	_____ lbs	_____
_____	_____	_____ lbs	_____
_____	_____	_____ lbs	_____
_____	_____	_____ lbs	_____

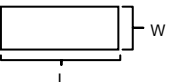
VOLUME TO VOLUME METHOD
VOLUME MEASUREMENTS

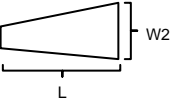
PILE ON DECK - as seen from above

Oval  _____ ft X _____ ft X _____ ft X 3.14 / 4 = _____ ft³
 Length Width Depth** π

Half-Oval  _____ ft X _____ ft X _____ ft X 3.14 / 4 = _____ ft³
 Length Width Depth** π

CHECKER PEN

Rectangle  _____ ft X _____ ft X _____ ft = _____ ft³
 Length Width Depth**

Trapezoid  _____ ft X $\left[\frac{\text{Width1} + \text{Width2}}{2} \right]$ X _____ ft = _____ ft³
 Length Width1 Width2 Depth**

OTHER SHAPE or COMBINATION - draw and show all dimensions below Volume = _____ ft³

**10 random depths from throughout pile: (Pile on deck: include one depth of 0.0ft)

_____ ft	_____ ft	_____ ft	_____ ft	_____ ft	_____ ft	_____ ft	_____ ft	_____ ft	_____ ft
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A) # of Subsampling Containers Used	B) Volume of One Container	C) Total Subsample Volume (A x B)	D) Sample Weight Multiplier (Tot. Vol / C)	E) Percent Subsampled (C / Tot. Vol) x 100
_____	Basket <u>1.47</u> ft³ Tote <u>2.65</u> ft³ Other: _____ ft³	_____ ft³	_____	_____ %

COMMENTS

SPECIES	SUBSAMP WGT (lbs)