

TRAWL HAUL LOG
NMFS FISHERIES AT-SEA MONITORING PROGRAM
ASMOTH ASMHAU ASMSP

ASM/TRIPID	
DATE LANDED mm/yy	/ /
PAGE #	of

HAUL BEGIN		HAUL END	
GEAR CODE	HAUL #	GEAR NUMBER	HAUL DATE (mm/dd/yy)
<input type="text"/>	<input type="text"/>	<input type="text"/>	/ /
HAUL OBSERVED? YES <input type="checkbox"/> NO <input type="checkbox"/>		INC? YES <input type="checkbox"/> NO <input type="checkbox"/>	BEGIN HAUL TIME
			:
WEATHER CONDITION		WAVE HEIGHT (ft)	LATITUDE/LONGITUDE (DD MM.M)
GEAR CONDITION CODE			BEGIN LATITUDE
TARGET SPECIES 1 (This Haul)			END LATITUDE
TARGET SPECIES 2 (This Haul)			BEGIN LONGITUDE
			END LONGITUDE
			(STAT AREA)*
			(STAT AREA)*

COMMENTS * Enter only if latitude/longitude coordinates are not available

SPECIES NAME	POUNDS	D/R	DISP CODE	EST. METH.	SPECIES NAME	POUNDS	D/R	DISP CODE	EST. METH.

CATCH ESTIMATION WORKSHEET

NMFS FISHERIES AT-SEA MONITORING PROGRAM

05/01/10

ASM/TRIPID	
DATE LANDED mm/yy	/
HAUL #	

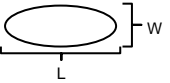
SORTING METHOD		ESTIMATION METHOD(S)	
Picked	1	Weighed (Actual)	01
Shoveled	2	Volume-to-Volume	02
Deckloaded	3	Basket or Tote Count	03
Conveyor System	4	Captain	04
Combination (comment)	8	Tally	05
Other (comment)	9	Visually Estimated	06
		Cumulative Sum	07
HAUL NUMBERS WHERE DECKLOADING OCCURRED		Combination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

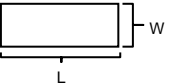
VOLUME MEASUREMENTS

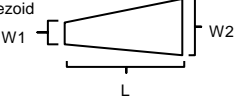
PILE ON DECK - as seen from above

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 Basket _____ 1.47 ft ³ Tote _____ 2.65 ft ³ Other: _____ ft ³	C) Total Subsample Volume (A x B) _____ ft ³	D) Sample Weight Multiplier (Tot. Vol / C) _____	E) Percent Subsampled (C / Tot. Vol) x 100 _____ %
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COMMENTS

SPECIES	SUBSAMP WGT (lbs)

FOR OFFICE USE ONLY