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

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

			HAUL BEGIN	HAUL END
GEAR CODE	HAUL #	GEAR NUMBER	HAUL DATE (mm/dd/yy) / /	HAUL DATE (mm/dd/yy) / /
HAUL OBSERVED? YES ☐ NO ☐	INC? YES ☐ NO ☐		BEGIN HAUL TIME :	END HAUL TIME :
WEATHER CONDITION		WAVE HEIGHT (ft)	**LATITUDE/LONGITUDE (DD MM.M)**	
			BEGIN LATITUDE	END LATITUDE
GEAR CONDITION CODE				
TARGET SPECIES 1 (This Haul)			BEGIN LONGITUDE	END LONGITUDE
TARGET SPECIES 2 (This Haul)			(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.

OMB Control No.: 0648-0593
Expires on: 09/30/2012

CATCH ESTIMATION WORKSHEET
NMFS FISHERIES AT-SEA MONITORING PROGRAM
05/01/10

ASM/TRIPID	
DATE LANDED mm/yy	/
HAUL #	

SORTING METHOD

Picked	1
Shoveled	2
Deckloaded	3
Conveyor System	4
Combination (comment)	8
Other (comment)	9

_____

HAUL NUMBERS WHERE DECKLOADING OCCURRED

_____ - _____

ESTIMATION METHOD(S)

Weighed (Actual)	01
Volume-to-Volume	02
Basket or Tote Count	03
Captain	04
Tally	05
Visually Estimated	06
Cumulative Sum	07
Combination (comment)	98
Other (comment)	99

_____

TALLY/BASKET/TOTE COUNTS

Unit Types: B = basket, T = tote, I = individual (tally)

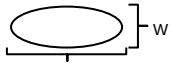
Species:	Unit Type	Avg Weight/Unit	# of Units
		lbs	
		lbs	
		lbs	
		lbs	
		lbs	
		lbs	
		lbs	
		lbs	

VOLUME TO VOLUME METHOD

VOLUME MEASUREMENTS

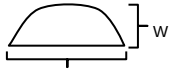
PILE ON DECK - as seen from above

Oval



___.__ ft X ___.__ ft X ___.__ ft X 3.14 / 4 = ____.__ __ ft^3
Length Width Depth** π

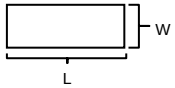
Half-Oval



___.__ ft X ___.__ ft X ___.__ ft X 3.14 / 4 = ____.__ __ ft^3
Length Width Depth** π

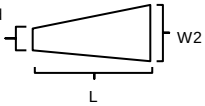
CHECKER PEN

Rectangle



___.__ ft X ___.__ ft X ___.__ ft = ____.__ __ ft^3
Length Width Depth**

Trapezoid



___.__ ft X (___.__ ft + ___.__ ft) / 2 X ___.__ ft = ____.__ __ ft^3
Length Width1 Width2 Depth**

OTHER SHAPE or COMBINATION - draw and show all dimensions below Volume = ____.__ __ ft^3

**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

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 __ 1.47 ft^3 Tote __ 2.65 ft^3 Other: __.__ __ ft^3	_____.__ __ ft^3	_____.__ __	_____.__ __ %

COMMENTS

SPECIES	SUBSAMP WGT (lbs)

FOR OFFICE USE ONLY

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