

**LOBSTER, CRAB, & FISH POT HAUL LOG**  
**NMFS FISHERIES OBSERVER PROGRAM**  
**OBPTH OBHAU OBSPP 01/01/10**

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 _____ YES 1 _____	ON-EFFORT? NO 0 _____ YES 1 _____	CATCH? NO 0 _____ YES 1 _____	INC TAKE? NO 0 _____ YES 1 _____	WEATHER CODE	WIND SPEED _____ kn      DIRECTION _____ °		WAVE HEIGHT ft	DEPTH, HAUL BEGIN fm	GEAR COND CODE	
SET INFO	DATE AND TIME mm/dd/yy      24 hours	LATITUDE / LONGITUDE (DD MM.M) - LORAN (XXXXX)				ESTIMATED SOAK DURATION	TARGET SPECIES CODE(S)						
S E T	BEGIN	/ /	:	9960 -	Latitude / Bearing	9960 -	Longitude / Bearing	. hrs	NUMBER OF POTS				BAIT
	END	/ /	:	9960 -		9960 -			SET _____	LBS	KIND	TYPE	COND
H A U L	BEGIN	/ /	:	9960 -		9960 -		° F	HAULED _____	#1 _____	_____	_____	_____
	END	/ /	:	9960 -		9960 -			LOST _____	#2 _____	_____	_____	_____
COMMENTS								SET METHOD					
								Unknown      00 _____      Visual      05 _____ Temperature      01 _____      Mixed      98 _____ Bottom Contours      02 _____      Other      99 _____ Compass/Loran      03 _____ Tide/Current      04 _____					

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
		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	
		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 <sup>3</sup>	
		Length      Width      Depth** $\pi$		
Half-Oval		_____ ft X _____ ft X _____ ft X 3.14 / 4	= _____ ft <sup>3</sup>	
		Length      Width      Depth** $\pi$		
CHECKER PEN				
Rectangle		_____ ft X _____ ft X _____ ft	= _____ ft <sup>3</sup>	
		Length      Width      Depth**		
Trapezoid		_____ ft X $\left( \frac{\text{_____ ft} + \text{_____ ft}}{2} \right)$ X _____ ft	= _____ ft <sup>3</sup>	
		Length $\left( \frac{\text{Width1} \quad \text{Width2}}{2} \right)$ Depth**		
OTHER SHAPE or COMBINATION - draw and show all dimensions below      Volume = _____ ft <sup>3</sup>				
**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 Basket _____ 1.47 ft <sup>3</sup> Tote _____ 2.65 ft <sup>3</sup> Other: _____ ft <sup>3</sup>	C) Total Subsample Volume (A x B) _____ ft <sup>3</sup>	D) Sample Weight Multiplier (Tot. Vol / C) _____	E) Percent Subsampled (C / Tot. Vol) x 100 _____ %
COMMENTS				

SPECIES	SUBSAMP WGT (lbs)