

**NMFS FISHERIES OBSERVER PROGRAM
PAIR and SINGLE MID-WATER TRAWL HAUL LOG**

OBS/TRIP ID	
DATE LANDED mm/yy	/ /
PAGE #	of

GEAR CODE <input type="text"/> <input type="text"/> <input type="text"/>	GEAR NUMBER <input type="text"/> <input type="text"/>	HAUL # <input type="text"/> <input type="text"/> <input type="text"/>	HAUL OBS ? NO 0___ YES 1___	CATCH ? NO 0___ YES 1___	INC TAKE ? NO 0___ YES 1___	WEATHER CODE	WIND SPEED DIRECTION kn °		WAVE HEIGHT ft	DEPTH, HAUL BEGIN fm	GEAR COND CODE	
HAUL INFO	DATE mm/dd/yy	TIME 24 hours	LATITUDE / LONGITUDE (DD MM.M) - LORAN (XXXXX)				NUMBER OF TURNS	TOW SPEED kn	WIRE OUT fm			
BEGIN HAUL	/ /	:	9960-			9960-						
BEGIN FISHING	/ /	:					WATER TEMP fahrenheit	TARGET SPECIES CODE				
END HAUL	/ /	:	9960-			9960-						
GEAR ONBOARD	/ /	:	COMMENTS				VERTICAL OPENING ft	DEPTH RANGE, HEADROPE				
FISH PUMPING							HORIZONTAL OPENING ft	DISTANCE RANGE BETWEEN BOATS *				
BEGIN	/ /	:					DOOR SPREAD ** ft					
END	/ /	:										
CAPTAIN'S CATCH ESTIMATE (prior to pumping)												
_____ lbs			* Only fill in for pair trawl trips.				** Only fill in if gear mounted electronics are used.					

WHEN THE PUMPING PROCESS WAS COMPLETED WERE YOU ABLE TO SEE THE CODEND? _____ No (0) _____ Yes (1)
 WERE THERE FISH PRESENT IN THE CODEND AT THE COMPLETION OF THE PUMPING PROCESS? _____ No (0) _____ Yes (1) _____ Could Not See (2)
 WHEN THE CODEND WAS EMPTIED WHERE WAS IT LOCATED? _____ Off Stern (1) _____ Side of Vessel (2) _____ On Deck (3)

SPECIES		CATCH DISP	POUNDS	DISP	WEIGHT		SPECIES		CATCH DISP	POUNDS	DISP	WEIGHT	
NAME	CODE	K / D		CODE	D/R	A/E	NAME	CODE	K / D		CODE	D/R	A/E