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July 28, 2005

TO : Gerry Scott
FROM : Dennis Lee

SUBJECT: Second quarter (2005) observer coverage summary.

The Pelagic Observer Program (POP) has completed coverage of the U.S. pelagic longline fleet for the second quarter period of 2005 (April 1 to June 30). Selection letters were sent by certified mail service (return receipt) on March 15, 2005 to 45 vessel permit holders (owners and/or operators) for notification of observer coverage. Of those mailed, the program office received proof of delivery except for the permit holder of the SEA ANGEL (926754). The POP used a process server to deliver the permit holder's selection notification. The POP had the responsibility of the regular coverage requirement in the Northwest Atlantic, including the Gulf of Mexico, and the Caribbean Sea. In addition, the POP was also responsible for providing observers for a special Cooperative Research Program (CRP) on bycatch reduction research involving six (6) U.S. pelagic longline vessels participating in an experimental designed project. In general, these six vessels were utilizing their regular gear and following their typical fishing operations within their geographical fishing areas. The experimental design was comparing different hook baiting techniques (bait threaded vs. single hooked) in an alternating pattern and crews were attaching scientific equipment (time-depth recorders and hook timers) on the gear. With both POP activities combined for this quarter (Tables 1, 2, and 3), observers were deployed on 39 trips and spent 441 days at sea monitoring 278 sets, thus providing a combined coverage rate of 9.7%. For the purposes of this report, this document will also summarize the efforts and catch for the regular coverage and the CRP coverage separately.

Regular Coverage (8%) of the US Pelagic fleet:

For the regular observer coverage of the pelagic longline fleet during quarter 2, observers spent 239 days at sea which resulted in 154 sets observed, thus providing a coverage rate of 5.4%. During the 22 observed trips (Table 1), set effort occurred in the geographical areas of the Gulf of Mexico (GOM), the Florida East Coast (FEC), the South Atlantic Bight (SAB), the Mid-Atlantic

Bight (MAB), the Northeast Coastal (NEC), and the North Central Atlantic (NCA).

Of the pelagic longline trips covered by observers under the regular coverage by the POP, a total of 126,405 hooks were fished during the 154 sets recorded by the SEFSC program (Table 1). The total catch from the 22 pelagic longline trips observed consisted of 5,395 fish representing 46 species of fish. The catch data was comprised of 1,446 swordfish, 26 bigeye tuna, 611 yellowfin tuna, 25 bluefin tuna, 26 albacore tuna, 117 other tuna species, 1,642 dolphin fish (mahi), 30 wahoo, 271 billfish species, 406 other finfish (escolar, lancetfish, etc.), 29 skates/rays, 1 small coastal shark, 584 large coastal sharks, 155 pelagic sharks, and 26 unidentified fish species. During the quarter, observers also recorded incidental takes of protected species (Table 3) which included two (2) marine mammals (1-Pilot Whale(sp)-alive, 1-Shortfin pilot whale-alive), 5 sea turtles (4 leatherback-alive; 1 loggerhead-alive), and no (0) sea birds.

Although occasional communications by telephone and faxes do occur from owners of selected vessels prior to and during the quarter, in general, my staff and I continue to have to place calls to most of the vessel owners to determine fishing activities and port location of the vessels. My recommendation is for the SEFSC to suggest to the NOAA-Fisheries Agency office to send periodic notices via fax distribution as reminders to vessel permit holders of their responsibility for contacting the POP office of their fishing activity when selected. Until this action is supported, much of the staff time will always be committed to calling marinas, fish dealers, and/or leaving messages on phone recorders in hopes of locating the vessels.

For quarter 2, the POP did not place observers on 23 of the 45 vessels selected (51%; Table 4), thus reducing the target coverage of the POP office by 129 sets. On rare occasions, the POP office may be unable to assign an observer to accommodate a vessel's departure times. During the quarter, this occurred for two vessels which reduced coverage by nine (9) sets. In addition, there were also owners reporting their vessels either not fishing or involved in another fishery, which affected nine (9) vessels and the POP coverage was reduced by 48 sets. These non-fishing circumstances can not be controlled. Of greater concern, however, is the non-communication by owners or operators of five (5) vessels, lack of bunk space, and/or not possessing a current CFVSE decal on seven (7) which reduced the POP's coverage opportunities by 72 sets. Lack of notification of fishing departures along with out-of-date marine safety decals still affects our program the most in any quarter of selection coverage. Additionally, lack of observer accommodations (unwilling to build or clean out bunk space) or the observer aboard would exceed liferaft capacity all have an impact on deployment. With these excuses from owners re-occurring each quarter and representing many of the same vessels on a regular basis, my staff

continues to emphasize that the NOAA-Fisheries Agency should seek other alternatives of collecting data from these vessels if regular participation in observer coverage cannot be enforced. These additional sets could have allowed the POP office attain our 8 percent coverage for the quarter.

2005 Cooperative Research Project (CRP) Bycatch Reduction Project.

The Cooperative Research Project (CRP) is a cooperative adventure between NOAA-Fisheries scientists and the fishing industry. For 2005, the fishing industry, represented by the Fisheries Research Institute (FRI), received government CRP funding. As a result, FRI contracted 6 pelagic longline vessel owners to participate in the CRP Experimental design. Two of the vessels associated with the Gulf of Mexico were each contracted to fish 50 compensated sets for the period of April to September, a second set of two vessels associated with the Atlantic south of Hatteras (NC) were each contracted to fish 25 compensated sets for the period May to July, and a third set of two vessels associated with the waters north of Hatteras (NC) were each contracted to fish 25 compensated sets for the period of July to September. The CRP Experimental design and the vessel contracts call for 100% observer coverage to be provided by the Miami POP as long as the vessels fished the Experimental Design. For the CRP design, each of the two vessel crews within their respective geographical areas agreed to configure their gear similarly (same floatline length, branchline length, hooks between floats, hook size, hooks set, and baits) which also happened to be similar to their normal fishing operations. The design also called for two baiting techniques (hooks threaded or single hooked through the bait) to be deployed in an alternating pattern throughout the longline sections. Since the project design was similar to the boats normal operations, the effort could possibly be included in the overall coverage requirement. The other item of interest is that Time-Depth Recorder (upto 30 per set) and Hook-Timer (upto 450 per set) units were deployed on the branch lines so that scientists could better understand how the marine environment effects where and how the gear fishes and when fish bite the hooks.

Of the 5 participating vessels which started fishing under the CRP Experimental Design project (Table 2) during this quarter, observers spent 203 days at sea reporting a total of 71,059 hooks during the 123 sets observed. The total catch from the 17 pelagic longline trips consisted of 6,625 fish representing 38 species of fish. The catch data was comprised of 745 swordfish, 30 bigeye tuna, 547 yellowfin tuna, 26 bluefin tuna, 253 other tuna species, 215 dolphin fish (mahi), 72 wahoo, 212 billfish species, 1,268 other finfish (escolar, lancetfish, etc.), 37 skates/rays, no small coastal sharks, 520 large coastal sharks, 66 pelagic sharks, and 1,634 unidentified fish species. Observers also recorded incidental takes of protected species (Table 3) which included three(3) marine mammals (3-shortfin pilot whales-alive), seven (7) sea turtles (7 leatherback-alive), and no (0) sea birds. Finally, the POP recorded

no catches of sawfish during the regular coverage nor the CRP Experimental Design; this species is not likely to occur in the pelagic environment.

Summary:

In closing, the publication of the 2004 Biological Opinion (BO) calls for a number of tasks to be accomplished by NOAA-Fisheries. With respect to the Turtle Take Estimates (TTE) or the Net Mortality Ratio (NMR), neither are provided in this report as the POP does not have the staffing expertise to conduct these analyses. With reference to protected species, the 2004 BO required the NOAA-Fisheries to implement regulations for pelagic longline vessels to have the turtle handling and release gear on board. Beginning on August 4, 2004, the POP observers were provided a turtle gear checklist form issued by the Miami PR and given instructions to review the gear on each boat, fill out the checklist forms, and submit the forms with their data at the completion of the trip. In keeping with the BO reporting requirements from the POP office, observers filled out the turtle gear forms on all 22 of the second quarter selected vessels in the regular coverage. Following three industry organized turtle gear workshops held in February, April, and June of 2005, the presence of this gear required by the BO appears to be improving. Of the 22 vessels selected and observed in quarter 2, 90% (n=20) of the vessels had both the equipment needed for removing gear from turtles in the water (at least 3 of 4 items aboard) or most of the equipment for removing gear if the turtle is boated (6 or more items aboard). Interestingly, 55% of the selected vessels also had the turtle tether aboard, which is voluntary at this time. A PDF document of the observer turtle gear forms will be posted on a secure site of the POP website for both the regular coverage and the CRP project. Finally, the cumulative number of unique vessels observed since the effective date of the sea turtle conservation regulations (July, 2004), now stands at 64 vessels covered (Table 5).

Attachments:

Tables 1 through 5.

cc: POP Coverage files; Gregg Houghaboom, NOAA-Fisheries SERO/OLE liaison.

Table 1: Regular coverage (8%) of the longline fleet. Number of vessels observed, areas of fishing activity, total sets observed, and total days at-sea conducted by the SEFSC Miami Laboratory POP from April 1 to June 30, 2005.

Vessel Number	Vessel Name	Trip No.	Area	Total Sets	Total Sea Days
936041	CECILIA II	P01109	GOM	4	8
659026	EYELANDER	W01047	NCA/NEC	11/1	25
1031845	DESTINY	C02031	GOM	11	17
926348	CAPT H	T02011	GOM	9	14
919799	BLUE SEA I	Q02051	GOM	5	10
931858	LIEN HIEP	A02019	GOM	9	12
918932	MORNING STARS	U03010	GOM	5	8
591301	CHARLESTON STAR	D04017	SAB	2	4
908223	SHADY LADY	M01032	SAB	6	8
1026595	WHITE WATER	T02012	SAB/FEC	9/6	20
911014	PEACEFUL LADY	P01110	GOM	7	11
907061	CAPT ROBINSON	J02038	GOM	9	14
668316	CAPT LUU	Q02052	GOM	10	13
929813	CAPT BOB	W01048	SAB	6	9
611304	SEVEN ARROWS	I02030	SAB	5	7
685129	LILLIAN	J02039	GOM	5	9
649509	JANICE ANN	D04018	FEC	1	2
656259	KRISTEN LEE	S01066	FEC	1	2
593587	MISS MELISSA	D04019	SAB/MAB	9/2	16
1094947	VICTORIA	P01111	GOM	8	11
681390	TRAN BROTHERS	Q02053	GOM	5	8
983286	CLAYTON REED`	S01068	FEC	8	11
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TOTAL		22		154	239

Table 2: Coverage of the CRP bycatch reduction project fleet. Fleet is comprised of 6 contracted vessels of which 5 participated during quarter 2 (April 1 to June 30, 2005). Number of vessels observed, areas of fishing activity, total sets observed, and total days at-sea are provided.

Vessel Number	Vessel Name	Trip No.	Area	Total Sets	Total Sea Days
586413	HATUNA MATADA	J02036	GOM	3	7
586413	HATUNA MATADA	J02037	GOM	9	15
586413	HATUNA MATADA	CO2032	GOM	11	15
586413	HATUNA MATADA	U03011	GOM	10	16
586413	HATUNA MATADA	A02020	GOM	6	10
649506	JANICE ANN	D04018	GOM/FEC 7/1		10
649506	JANICE ANN	C02033	SAB	9	13
649506	JANICE ANN	C02034	FEC	4	8
656259	KRISTEN LEE	S01066	GOM/FEC 6/2		11
656259	KRISTEN LEE	S01067	GOM	4	7
656259	KRISTEN LEE	W01049	GOM	4	7
656259	KRISTEN LEE	W01050	FEC/GOM 4/1		10
613745	SHEARWATER	S01065	GOM	9	17
613745	SHEARWATER	I02029	GOM	11	17
613745	SHEARWATER	M01033	GOM	7	14
613745	SHEARWATER	I02031	GOM	8	17
908223	SHADY LADY	J02040	MAB	7	9
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	TOTAL	17		123	203

Table 3: Percent coverage (by sets), the incidental take of Protected Resource species (turtles, mammals, seabirds), and hook effort summarized by geographical area for April 1 to June 30, 2005. (A=Alive, D=Dead, LB=Leatherback, LH=Loggerhead, U=unknown)

AREA	TOTAL SETS OBSERVED	REQUIRED 8% COVERAGE	TURTLES			MAMMALS		BIRDS	
			A	D	LB/LH/U	A	D	A	D
CAR-1	0(0%)	8	0/	0/0	0	0	0	0	0
GOM-2	87(5+%)	141	4/	0/0	0	0	0	0	0
FEC-3	16(13%)	10	0/	0/0	0	0	0	0	0
SAB-4	37(6+%)	45	0/	0/0	0	0	0	0	0
MAB-5	2(1%)	15	0/	0/0	0	2	0	0	0
NEC-6	1(1%)	9	0/	0/0	0	0	0	0	0
<u>NCA-9</u>	<u>11(8+%)</u>	<u>0</u>	<u>0/</u>	<u>1/0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	154(5+%)	228	4/	1/0	0	2	0	0	0

Hook effort Summary:

Area	Reg. 8% Coverage Hook effort	CRP Experiment(100%) Hook effort
GOM	74,288	57,810
FEC	9,936	4,691
SAB	27,725	3,691
MAB	1,496	4,867
NEC	1,080	-
NCA	11,880	-
TOTAL	126,405	71,059

2005 CRP Experiment AREA	Sets SETS	Coverage COVERAGE	TURTLES			MAMMAL		BIRDS	
			A	D	LB/LH/UN	A	D	A	D
GOM-2	96	100%	7/	0/0	0	0	0	0	0
FEC-3*	11	100%	0/	0/0	0	0	0	0	0
SAB-4	9	100%	0/	0/0	0	0	0	0	0
MAB-5	7	100%	0/	0/0	0	3	0	0	0
TOTAL	123		7/	0/0	0	3	0	0	0

*Note: No mainline gear drifted into the FEC closed area.

Table 4: Listing of vessels that were not covered by Pelagic Observer Program (POP) during quarter 2, 2005 (April 1 to June 30). Short explanations provided. Vessel non-compliance of observer coverage may be based on more than one category of explanation. The following categories are provided: (1)No bunk available;(2)Observer presence exceeds the liferaft capacity;(3) Lack of current CFVSE decal; (4)No communication with observer office/staff; (5)Not fishing (involved in another fishery);(6)Not fishing (new owner, repair, sunk, no permits); and (7)other safety concerns.

<u>Vessel Name</u>	<u>Doc #</u>	<u>Remarks</u>
ADDIE BYRD	MD9128BD	Reasons 6. Certified letter was received. Owner called the office that the vessel would be under repairs during the entire quarter. POP requested 2 sets for the quarter. Logbook submission: Activity unknown at this time.
ALEXANDER	937701	Reason 5 and 6. Certified letter was received. Owner provided written notice to the POP office that he had under repair and prepared to go back into the shrimp fishery until further notice. POP requested 4 sets for the quarter. Logbook submissions: Activity unknown at this time.
BIGEYE	928300	Reason 5 and 6. Certified letter was received. Owner called POP office on 4/19 that vessel just completed major repairs. Hired new captain and crew but did not work long. Vessel did not fish after captain fired crew. The POP requested 8 sets for quarter. Logbook submissions: landed on 5/5 and 5/25.

Table 4 (continued): Listing of vessels that were not covered by Pelagic Observer Program (POP) during quarter 2, 2005 (April 1 to June 30). Short explanations provided. Vessel non-compliance of observer coverage may be based on more than one category of explanation. The following categories are provided: (1)No bunk available;(2)Observer presence exceeds the liferaft capacity;(3) Lack of current CFVSE decal; (4)No communication with observer office/staff; (5)Not fishing (involved in another fishery);(6)Not fishing (new owner, repair, sunk, no permits); and (7)other safety concerns.

<u>Vessel Name</u>	<u>Doc #</u>	<u>Remarks</u>
BJORN II	947927	Reasons 5. Certified letter received. Owner call the POP office indicating they were involved in another fishery (tilefish) and would pelagic fish. Pop requested 7 sets for the quarter. Logbook submission: Activity unknown at this time.
CAROL ANN	609121	Reason 5 (waived). Certified letter received. POP office received call from the owner that vessel was involved in university research activities during the quarter. POP requested 4 sets during the quarter.
CAPT GORMAN III	592269	Reason 3 and 4. Certified letter received. Owner did not communicate fishing activities with the POP office. POP requested 4 sets for the quarter. Logbook submission: Logbook submission: landed on 4/5 and 5/19.

Table 4 (continued): Listing of vessels that were not covered by Pelagic Observer Program (POP) during quarter 2, 2005 (April 1 to June 30). Short explanations provided. Vessel non-compliance of observer coverage may be based on more than one category of explanation. The following categories are provided: (1)No bunk available; (2)Observer presence exceeds the liferaft capacity; (3)Lack of current CFVSE decal; (4)No communication with observer office/staff; (5)Not fishing (involved in another fishery); (6)Not fishing (new owner, repair, sunk, no permits); and (7) other safety concerns.

<u>Vessel Name</u>	<u>Doc #</u>	<u>Remarks</u>
DAYTONA	507646	Reason 4. Certified letter received. POP office received no communications from owner during quarter. Owner has problems with NMFS since being involved in numerous OLE violations over the years. POP requested 7 sets for quarter. Logbook submission: Landed on 5/1, 5/13, and 5/31.
DELPHINUS	671174	Reason 3 and 4. Certified letter received. Owner sent written notice but did not fill out departure info. Owner rarely communicates with POP office and will never take observer. Lacks marine safety decal and bunk for observers. POP requested 4 sets for quarter. Logbook submission: activity unknown at this time.
EAGLET II	541694	Reasons 5. Certified letter received. Owner communicated with POP office on 4/25 that it would be involved in scallop fishery. Owner also lost permits for April. POP requested 4 set for the quarter. Logbook submission: activity unknown at this time.

Table 4 (continued): Listing of vessels that were not covered by Pelagic Observer Program (POP) during quarter 2, 2005 (April 1 to June 30). Short explanations provided. Vessel non-compliance of observer coverage may be based on more than one category of explanation. The following categories are provided: (1)No bunk available; (2)Observer presence exceeds the liferaft capacity; (3)Lack of current CFVSE decal; (4)No communication with observer office/staff; (5)Not fishing (involved in another fishery); (6)Not fishing (new owner, repair, sunk, no permits); and (7)other safety concerns.

<u>Vessel Name</u>	<u>Doc #</u>	<u>Remarks</u>
FORTUNA II	919844	Reason 1. Certified letter received. Owner communication with POP office on 4/4, 5/6, and 5/17. Vessel owner fishes on the weather and cooperative with program. Observer must sleep on floor due to small boat. POP office failed to coordinate coverage with owner's schedule during quarter. Pop requested 4 sets for quarter. Logbook submission: activity unknown at this time.
JOSHUA NICOLE	912738	Reason 3 and 4. Certified letter received. Owner did not communicate with the POP office when vessel was fishing. By the time POP staff called the owner, vessel was without crew and not fishing. Pop requested 5 sets for quarter. Logbook submission: landings on 4/23, 5/7, 5/21, and 5/31.
MISS LENA	918933	Reasons 3. Certified letter received. Owner had marine safety inspection on 4/27 by LA MSO, but failed to pass. Owner failed to fix deficiencies during quarter. Did not rescheduled inspection. POP requested 5 sets for quarter. Logbook submissions: activity unknown at this time.

Table 4 (continued): Listing of vessels that were not covered by Pelagic Observer Program (POP) during quarter 2, 2005 (April 1 to June 30). Short explanations provided. Vessel non-compliance of observer coverage may be based on more than one category of explanation. The following categories are provided: (1)No bunk available; (2)Observer presence exceeds the liferaft capacity; (3)Lack of current CFVSE decal; (4)No communication with observer office/staff; (5)Not fishing (involved in another fishery); (6)Not fishing (new owner, repair, sunk, no permits); and (7) other safety concerns.

<u>Vessel Name</u>	<u>Doc #</u>	<u>Remarks</u>
MISS SHANNON	638863	Reasons 1, 2, 3, and 4. Certified letter received. Owner failed to communicate with POP office, but finally called on 7/5. Owner takes full crew with no bunk for observer and would exceed liferaft capacity. Never attempts marine safety inspection. Complains of closures and regulations. POP requested 5 set for quarter. Logbook submission: activity unknown at this time.
PROVIDER	602041	Reason 1 and 6 . Certified letter received. Owner called POP office on 4/28 and just completed major repairs. Owner has always been cooperative with observer coverage and the POP office. Owner indicated he was taking a full crew when fishing. No bunk for observers. POP failed to provide an observer later in June. POP requested 4 sets for quarter. Logbook submission: landings on 5/6 and 5/16.
RAW DAWG	677230	Reason 5. Certified letter received. Owner sent written notification to POP office on 4/19 of his intent to reef fish for grouper for the quarter. POP requested 6 sets for quarter. Logbook submission: activity unknown at this time.

Table 4 (continued): Listing of vessels that were not covered by Pelagic Observer Program (POP) during quarter 2, 2005 (April 1 to June 30). Short explanations provided. Vessel non-compliance of observer coverage may be based on more than one category of explanation. The following categories are provided: (1)No bunk available; (2)Observer presence exceeds the liferaft capacity; (3)Lack of current CFVSE decal; (4)No communication with observer office/staff; (5)Not fishing (involved in another fishery); (6)Not fishing (new owner, repair, sunk, no permits); and (7) other safety concerns.

<u>Vessel Name</u>	<u>Doc #</u>	<u>Remarks</u>
REBEL LADY	628471	Reason 4. Certified letter received. POP office received no communications from the owner during the quarter. Owner has a history of non-cooperation with observer coverage. POP requested 9 sets during the quarter. Logbook submission: activity unknown at this time.
REDFIN	925122	Reason 3. Certified letter received. Owner failed to communicate with POP office until 6/3. Prior to that date the vessel did have a current Marine safety decal. Vessel underwent Marine safety inspection, but failed. Owner made no attempts to complete safety deficiencies. POP was call about death of owner on 6/30.The POP requested 7 sets for the quarter. Logbook submissions: unknown at this time.
SEA ANGEL	926754	Reason 4. Certified letter delivered using process server. Owner did not communicating with the POP office. Regular mail can not be delivered to his address and direct communications are impossible. Owner has a history of non-cooperation since about 1995. The POP requested 9 sets for the quarter. Logbook submission: activity unknown at this time.

Table 4 (continued): Listing of vessels that were not covered by Pelagic Observer Program (POP) during quarter 2, 2005 (April 1 to June 30). Short explanations provided. Vessel non-compliance of observer coverage may be based on more than one category of explanation. The following categories are provided: (1)No bunk available; (2)Observer presence exceeds the liferaft capacity; (3)Lack of current CFVSE decal; (4)No communication with observer office/staff; (5)Not fishing (involved in another fishery); (6)Not fishing (new owner, repair, sunk, no permits); and (7) other safety concerns.

<u>Vessel Name</u>	<u>Doc #</u>	<u>Remarks</u>
SEA HAWK	682221	Reason (n/a). Certified letter delivered. Owner extremely cooperative with the POP office. The POP completed coverage on one of his other non-selected vessels. The POP requested 7 sets for the quarter. Logbook submission: activity unknown at this time.
SOUTHERN STAR	1049623	Reason 4. Certified letter received. Owner failed to communicate with POP office during the quarter. Owner has a recent history of not communicating nor cooperating with the POP office. The POP requested 5 sets for the quarter. Logbook submissions: activity unknown at this time.
ST PETER	932650	Reason 3. Certified letter delivered received. The current owner (new)did communicate with the POP office late in the quarter. Need to attain a Marine safety decal, but failed to do so during the quarter. The POP requested 8 sets for the quarter. Logbook submission: activity unknown at this time.

Table 4 (continued): Listing of vessels that were not covered by Pelagic Observer Program (POP) during quarter 2, 2005 (April 1 to June 30). Short explanations provided. Vessel non-compliance of observer coverage may be based on more than one category of explanation. The following categories are provided: (1)No bunk available; (2)Observer presence exceeds the liferaft capacity; (3)Lack of current CFVSE decal; (4)No communication with observer office/staff; (5)Not fishing (involved in another fishery); (6)Not fishing (new owner, repair, sunk, no permits); and (7) other safety concerns.

<u>Vessel Name</u>	<u>Doc #</u>	<u>Remarks</u>
TERRI KRIS	616526	Reason 6. Certified letter delivered. Owner extremely cooperative with the POP office. Notified the POP office that the vessel was sold and out of the fishery. The POP requested 9 sets for the quarter. Logbook submission: activity unknown at this time.
WATERSPORT	618782	Reason (n/a). Certified letter received. POP office received communications from the owner during the quarter and is cooperative with program. Owner fishes based on weather conditions. The POP was unable to schedule coverage during the quarter. POP requested 2 sets during the quarter. Logbook submission: activity unknown at this time.

Table 5: The POP coverage completed aboard the pelagic longline fleet by quarter and year since the publication of the 2004 Biological Opinion. The number of trips observed include vessels that are covered multiple times during a quarter. The number of unique vessels observed represents those vessels only covered once by an observer during a quarter and year.

Quarter	Year	No. of Vessels Selected	No. of Trips Observed	No. of Unique Vessels Observed
3	2004	44	29	29
4	2004	30	28	14
1	2005	34	26	12
2	2005	45	22	9
Cumulative Totals			105	64
