

Report to the North Pacific Fishery Management Council
on the 2015
Bering Sea Pollock Intercooperative Salmon Avoidance Agreement

Karl Haflinger, Sea State Inc. - Intercoop Monitor
John Gruver, AFA Catcher Vessel Intercooperative Manager

Table 1. Catch and bycatch of pollock and “other” salmon in the directed pollock fishery B season, 1993 – 2015.

Year	B season pollock*	B season other salmon bycatch
1993	740,569	242,473
1994	718,582	89,117
1995	647,865	17,625
1996	633,639	77,028
1997	546,988	64,504
1998	539,432	60,040
1999	511,211	44,261
2000	631,755	57,228
2001	813,022	50,948
2002	866,034	83,033
2003	876,784	170,688
2004	858,799	427,234
2005	878,618	637,957
2006	874,435	276,779
2007	775,261	82,641
2008	572,384	14,453
2009	469,128	38,040
2010	471,983	13,585
2011	681,480	191,517
2012	705,716	22,149
2013	738,693	124,661
2014	745,808	217,572
2015	772,975	231,960

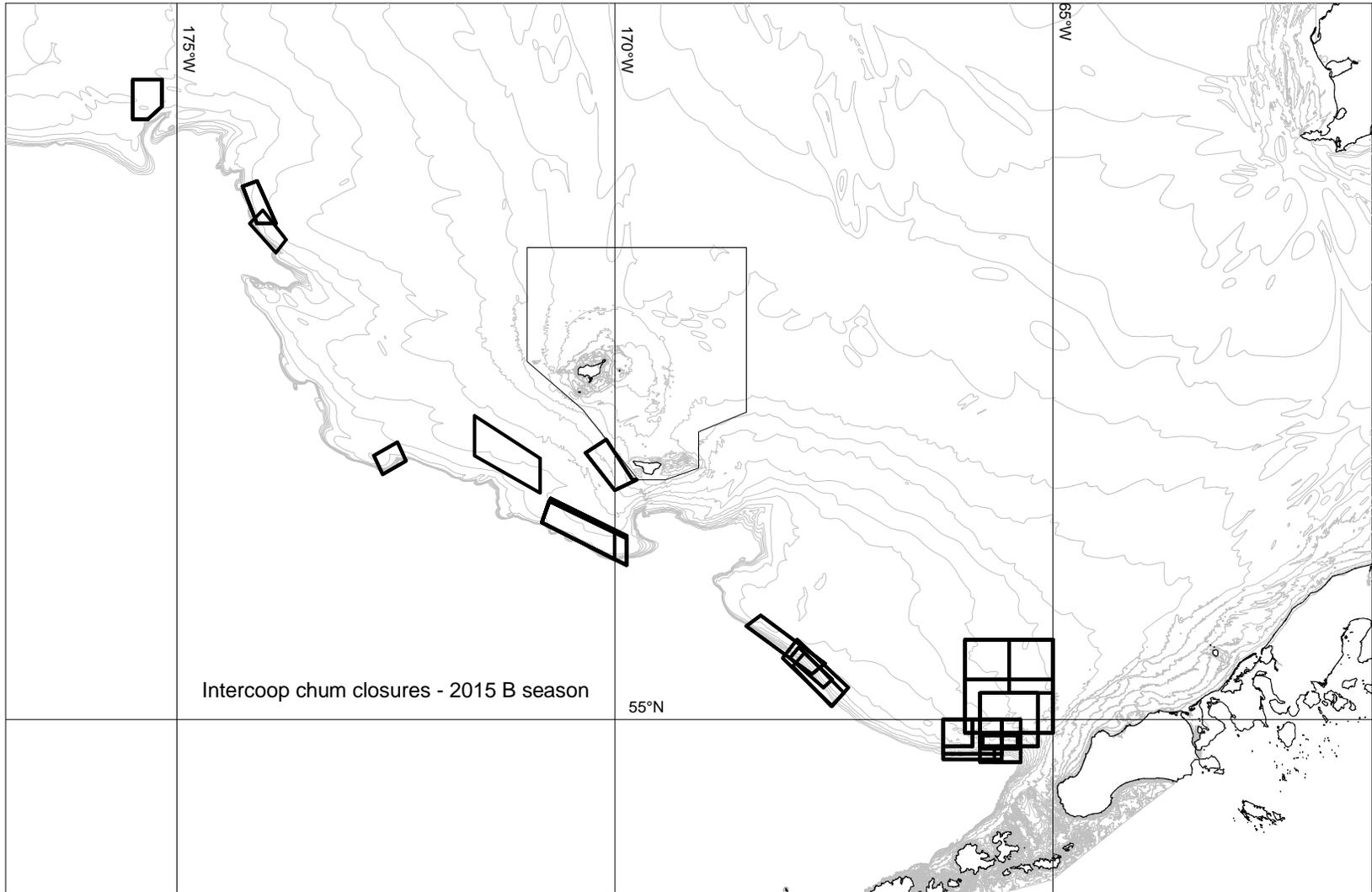


Table 2. Chum salmon closure effectiveness for the 2015 B season. 47,818 mt of pollock were taken in closure areas prior to closure, and 60,536 mt were taken by the same vessels after closures.

Closure statistic	Bycatch species	
	Chum	Chinook
Actual bycatch (outside, after closures)	50,493	534
Expected bycatch (at pre-closure rate)	69,267	459
Savings	18,774	-75
% reduction	27%	-16%

Table 3. Comparison of the effects of chum closures across years.

Year	After-closure pollock	% of harvest affected	Chinook savings	Chinook % reduction	Chum savings	% reduction	Actual chum catch	Percentage reduction
2006	23,049	3%	-97	-21%	65,299	64%	276,779	19%
2007	107,646	14%	2007	56%	75,970	82%	82,641	48%
2008	3,448	1%	53	82%	768	73%	14,453	5%
2009	5,701	1%	52	50%	6,270	76%	38,040	14%
2010	12,537	3%	61	85%	1,808	84%	13,585	12%
2011	146,846	22%	73	7%	79,657	63%	191,517	29%
2012	12,246	2%	48	11%	3,530	50%	22,149	14%
2013	49,818	7%	1051	74%	34,231	65%	124,661	22%
2014	65,232	9%	9	13%	57,938	58%	217,572	21%
2015	60,536	8%	-75	-16%	18,774	27%	231,960	7%
Totals					344,245		1,213,357	22%

Compliance/ Enforcement

No violations were referred to coops for enforcement actions. An audit of Sea State compliance monitoring has again been awarded to ABR Inc of Fairbanks, Alaska. ABR reviewed 10% of the coop fishing records and associated VMS information. The report for this audit states that:

“ABR agreed with the determinations of Sea State for the 10% sample that we examined, and we found no closure zone violations. Of points examined, our determination agreed with Sea State for all 8,843 locations in our subsample.”

Figure 3. Chum and squid bycatch by landing date.

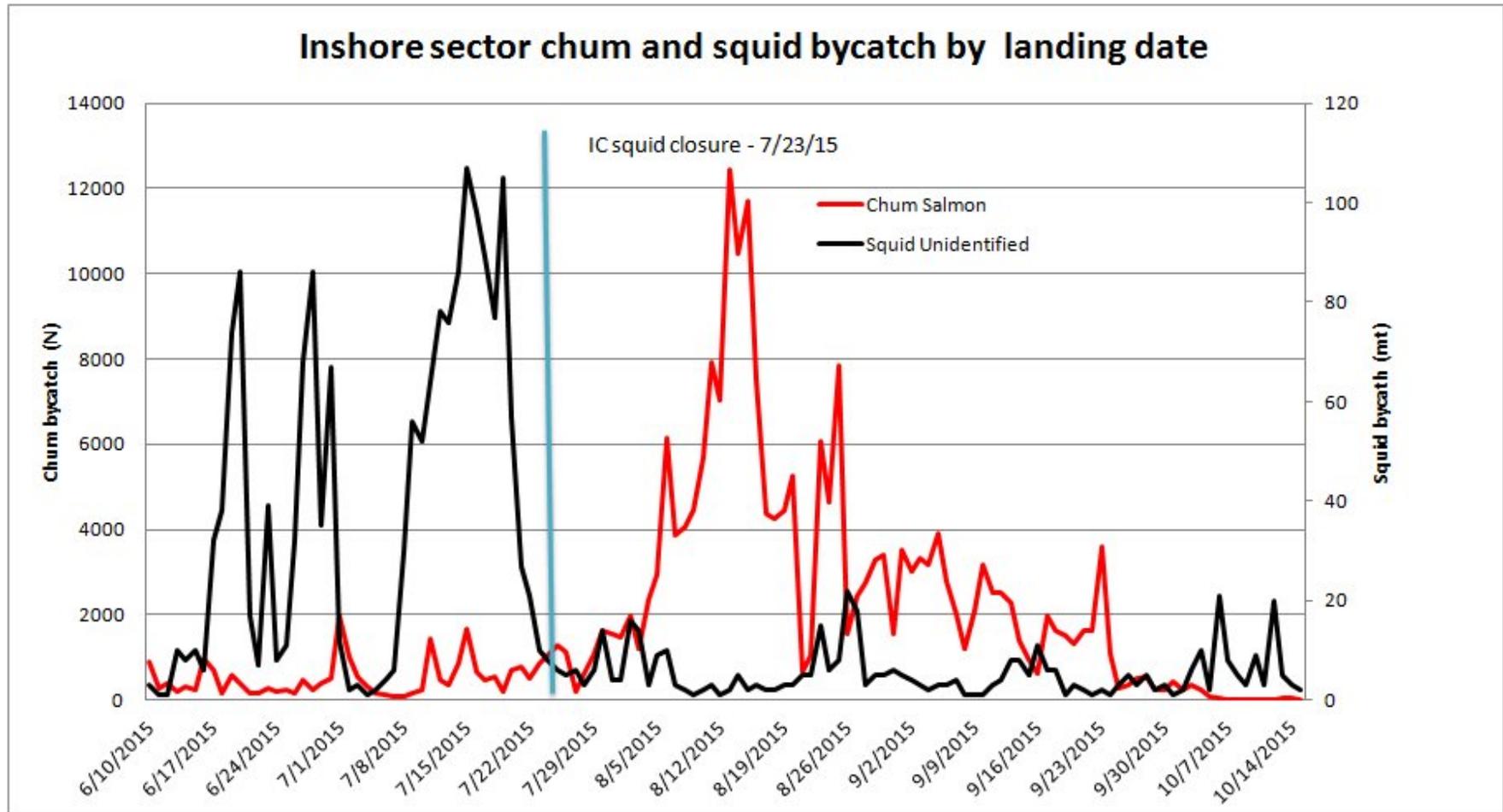


Figure 4. Chum, squid and herring bycatch in relation to the IC squid closure and herring bycatch, B season, 2015

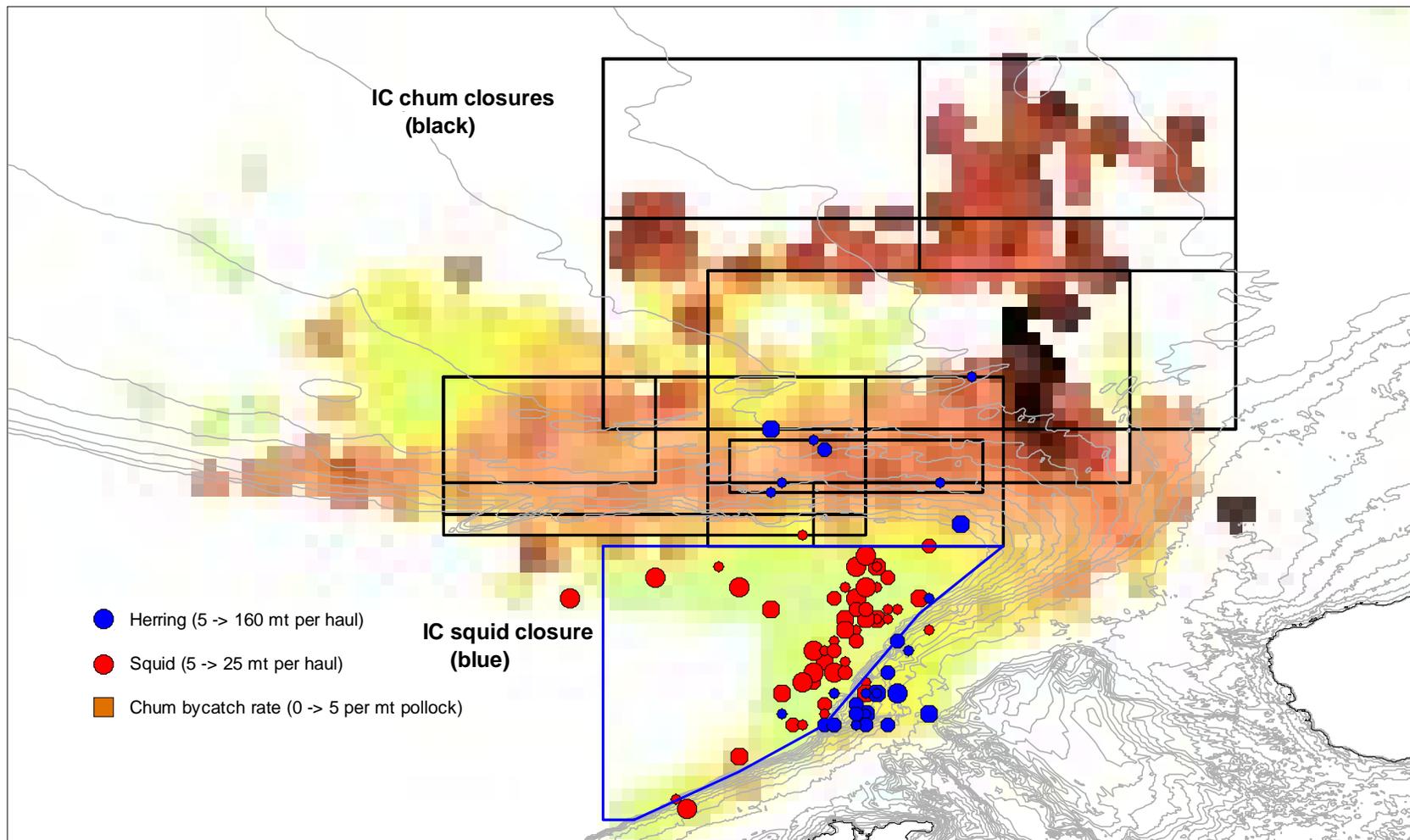
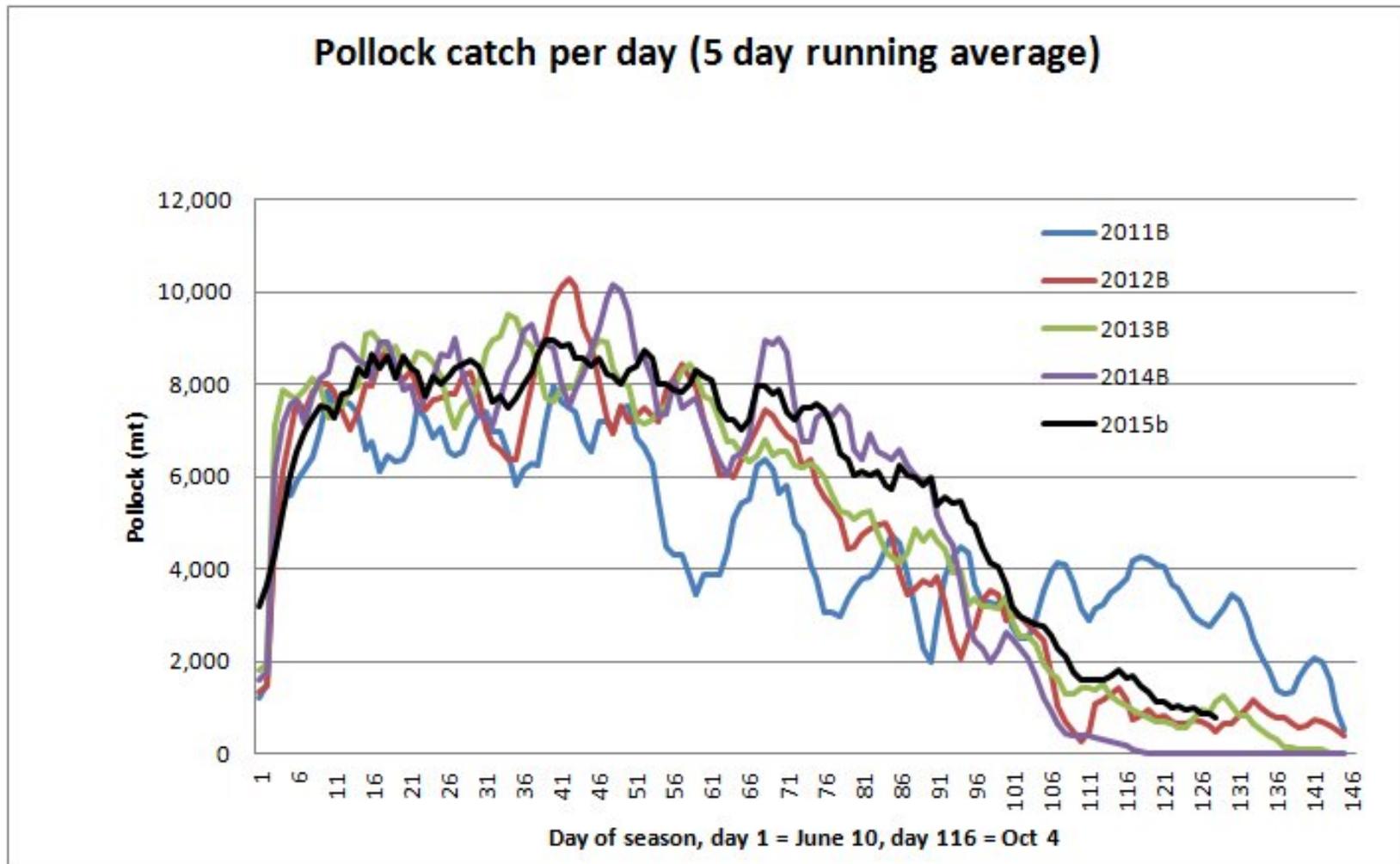


Figure 5. Pollock harvest by day, 2011 - 2015B seasons



Appendix 2: Dirty 20 list appearances

Number of times each vessel was on a 2015 chum weekly dirty 20 list. (M) after vessel name indicates vessel was fishing in the mothership coop. Dual-qualified CVs may appear twice if they fished shoreside and delivered to a mothership.

Vessel	N times on Dirty 20 list	N weeks fishing	Vessel	N times on Dirty 20 list	N weeks fishing	Vessel	N times on Dirty 20 list	N weeks fishing
ALASKA OCEAN	1	13	EXCALIBUR II	2	11	OCEANIC	0	9
ALASKA ROSE	0	11	FIERCE ALLEGIANCE	5	9	PACIFIC CHALLENGER	0	2
ALDEBARAN	3	18	GLADIATOR	0	7	PACIFIC CHALLENGER	4	11
ALEUTIAN CHALLENGER	1	8	GOLD RUSH	2	10	PACIFIC EXPLORER	3	17
ALSEA	6	10	GOLDEN DAWN	4	16	PACIFIC FURY	2	14
ALYESKA	0	1	GOLDEN PISCES	0	12	PACIFIC GLACIER	2	16
AMERICAN BEAUTY	1	4	GREAT PACIFIC	0	12	PACIFIC PRINCE	1	15
AMERICAN BEAUTY	3	7	GUN MAR	6	14	PACIFIC VIKING	7	13
AMERICAN DYNASTY	0	14	HALF MOON BAY	4	5	PEGGY JO	3	8
AMERICAN EAGLE	1	12	HICKORY WIND	3	10	PERSEVERANCE	0	7
AMERICAN TRIUMPH	1	12	ISLAND ENTERPRISE	4	11	POSEIDON	2	13
ANITA J	6	12	KODIAK ENTERPRISE	4	12	PROGRESS	4	12
ARCTIC EXPLORER	3	14	LESLIE LEE	0	13	ROYAL AMERICAN	1	14
ARCTIC FJORD	2	16	MAJESTY	5	14	ROYAL ATLANTIC	4	14
ARCTIC RAM	0	9	MARCY J	2	6	SEA WOLF	1	12
ARCTIC STORM	1	11	MARGARET LYN	1	3	SEADAWN	6	18
ARCTURUS	4	16	MARGARET LYN	1	8	SEATTLE ENTERPRISE	6	16
ARGOSY	6	11	MARK I	1	5	SOVEREIGNTY	2	14
AURIGA	4	13	MARK I	1	7	STAR FISH	8	14
AURORA	3	14	MISTY DAWN	2	15	STARBOUND	2	12
BERING DEFENDER	5	12	MORNING STAR	1	13	STARLITE	6	13
BERING ROSE	4	12	NORDIC FURY	0	2	STARWARD	7	13
BRISTOL EXPLORER	3	20	NORDIC FURY	5	10	STORM PETREL	2	12
CAITLIN ANN	3	14	NORDIC STAR	3	13	TRAVELER	1	4
CAPE KIWANDA	1	6	NORTHERN EAGLE	0	12	TRAVELER	1	7
CHELSEA K	5	13	NORTHERN HAWK	0	11	VANGUARD	1	3
COLLIER BROTHERS	0	2	NORTHERN JAEGER	3	14	VANGUARD	4	6
COLUMBIA	5	11	NORTHERN PATRIOT	2	17	VESTERAALEN	1	8
COMMODORE	2	14	NORTHWEST EXPLORER	0	3	VIKING	5	14
DEFENDER	5	13	OCEAN EXPLORER	7	13	VIKING EXPLORER	0	14
DESTINATION	1	11	OCEAN HOPE 3	0	10	WALTER N	1	7
DOMINATOR	4	12	OCEAN LEADER	3	5	WESTERN DAWN	2	7
ELIZABETH F	2	6	OCEAN ROVER	0	14	WESTERN DAWN	1	8
						WESTWARD I	1	15

