
2025 Tanner crab *Chionoecetes bairdi* Bottom Trawl Survey results for the South Peninsula District



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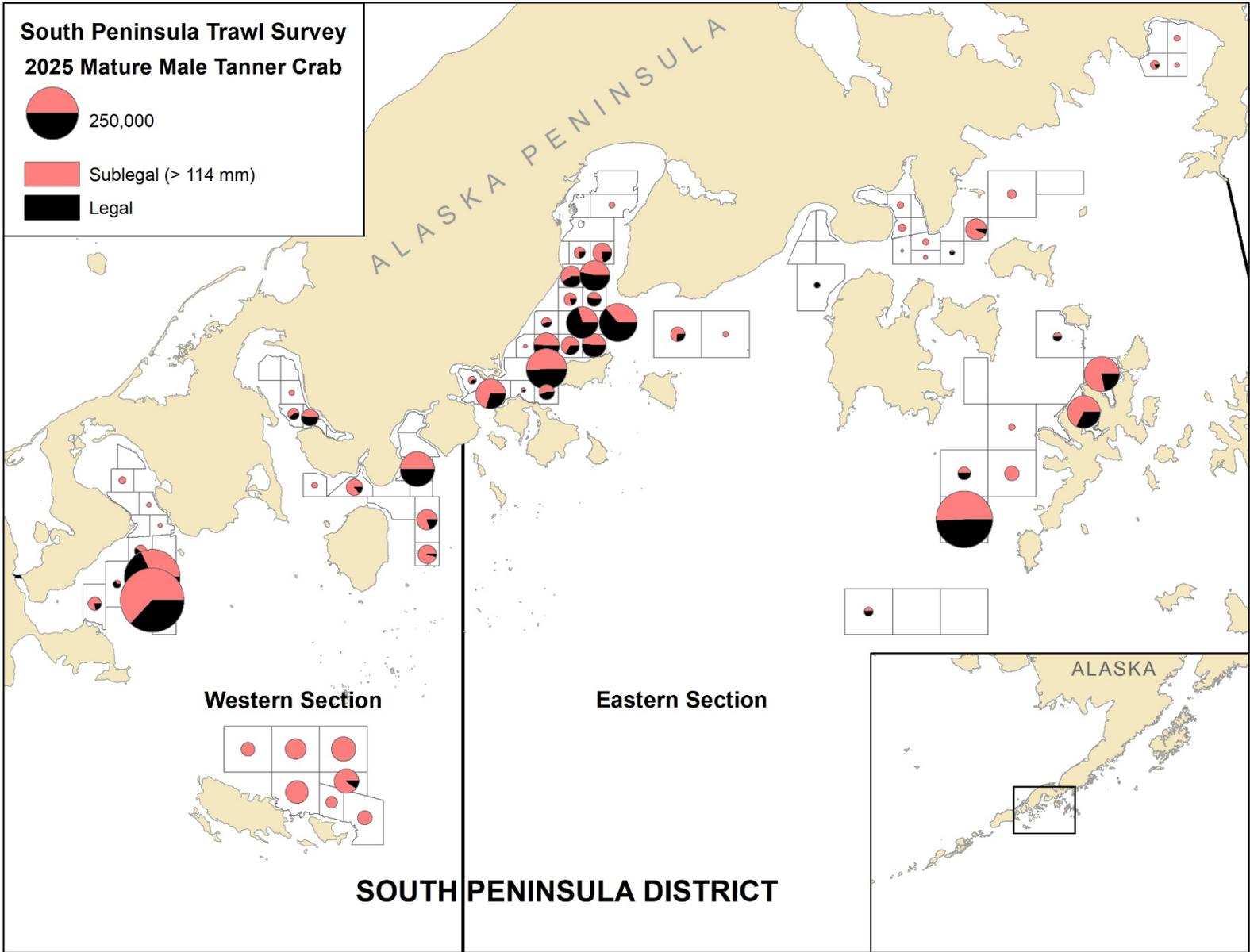


Figure 1.—Mature male Tanner crab abundance estimates in the South Peninsula District from the 2025 South Peninsula trawl survey.

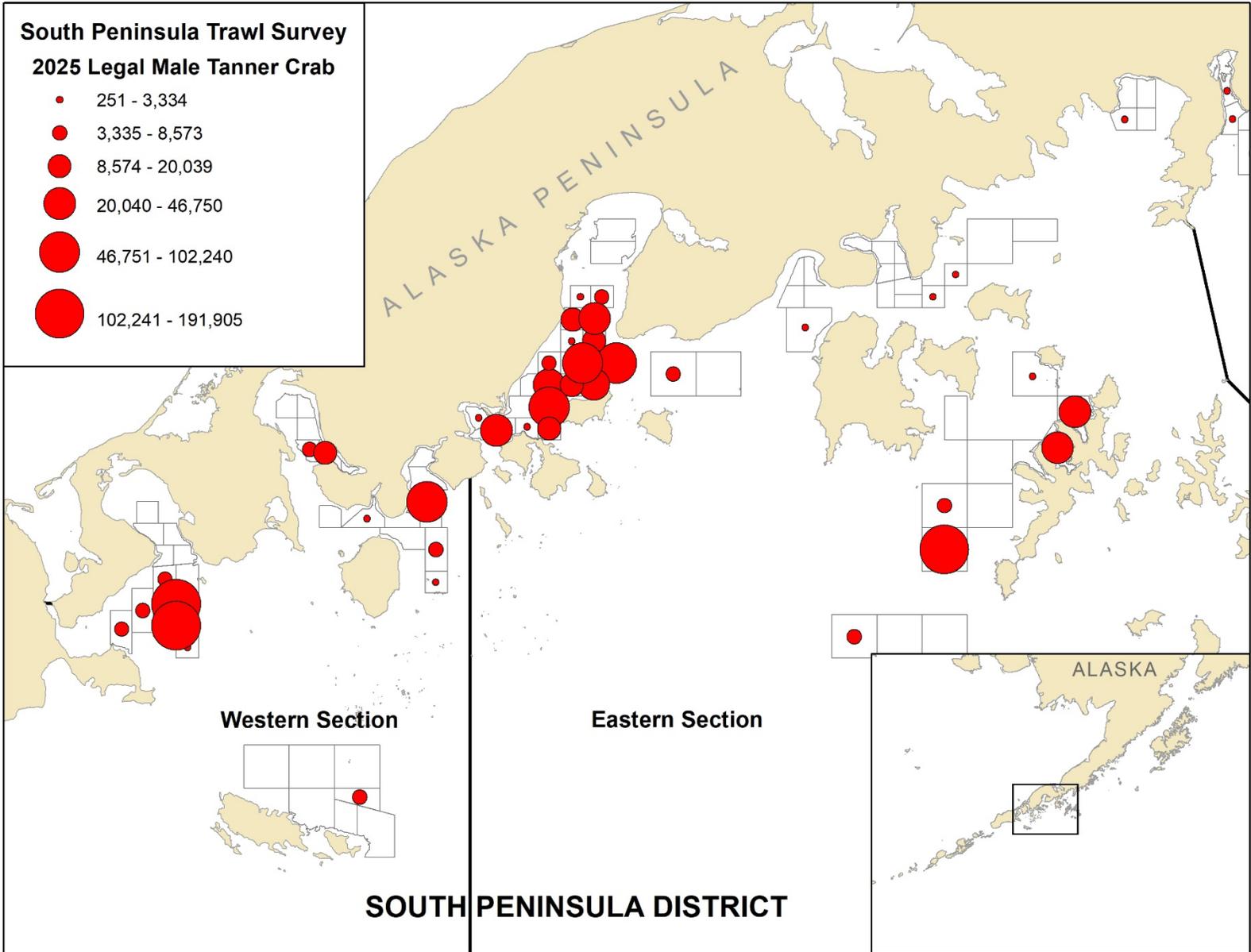


Figure 2.—Legal-size male Tanner crab abundance estimates in the South Peninsula District from the 2025 South Peninsula trawl survey.

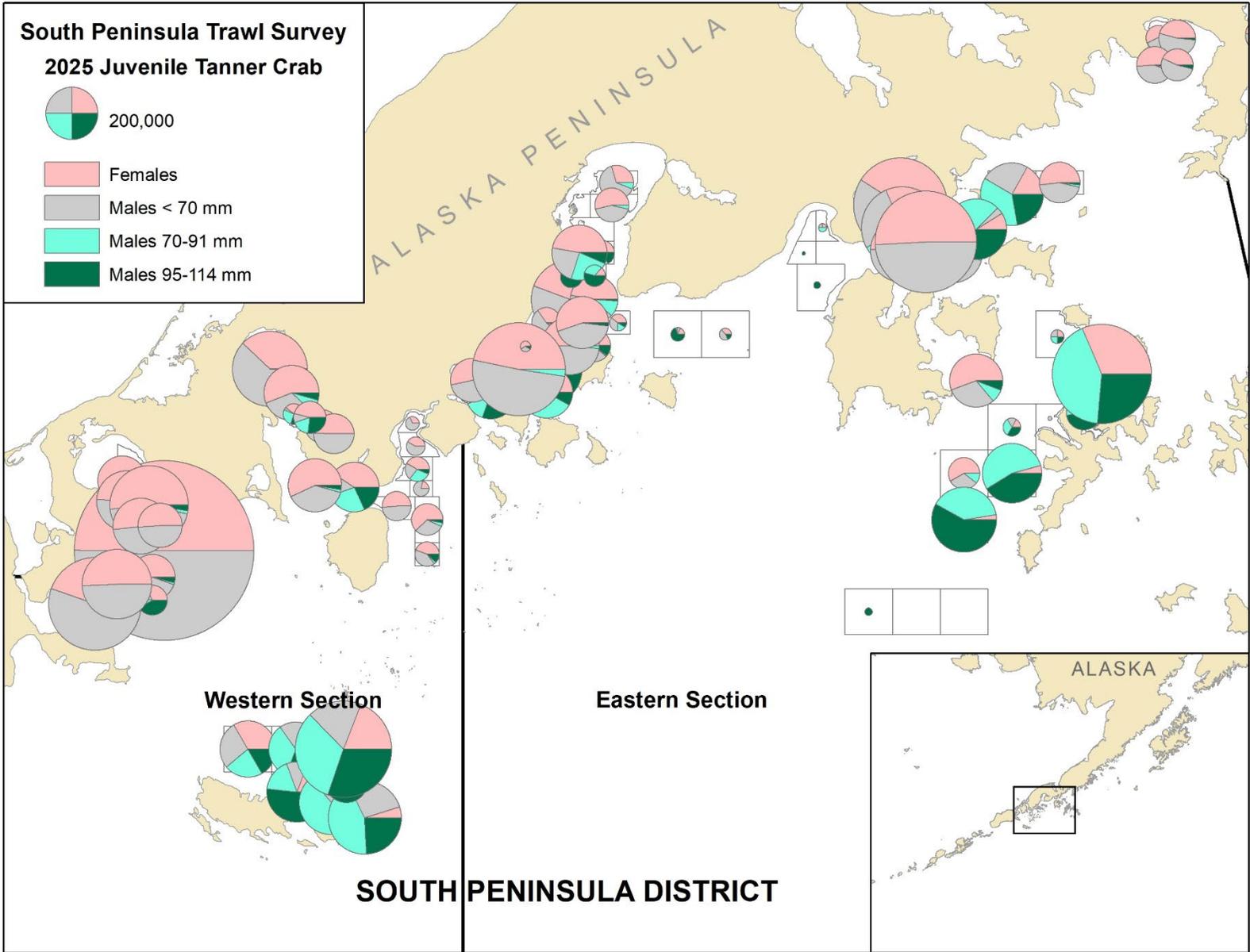


Figure 3.– Juvenile Tanner crab abundance estimates in the South Peninsula District from the 2025 South Peninsula trawl survey.

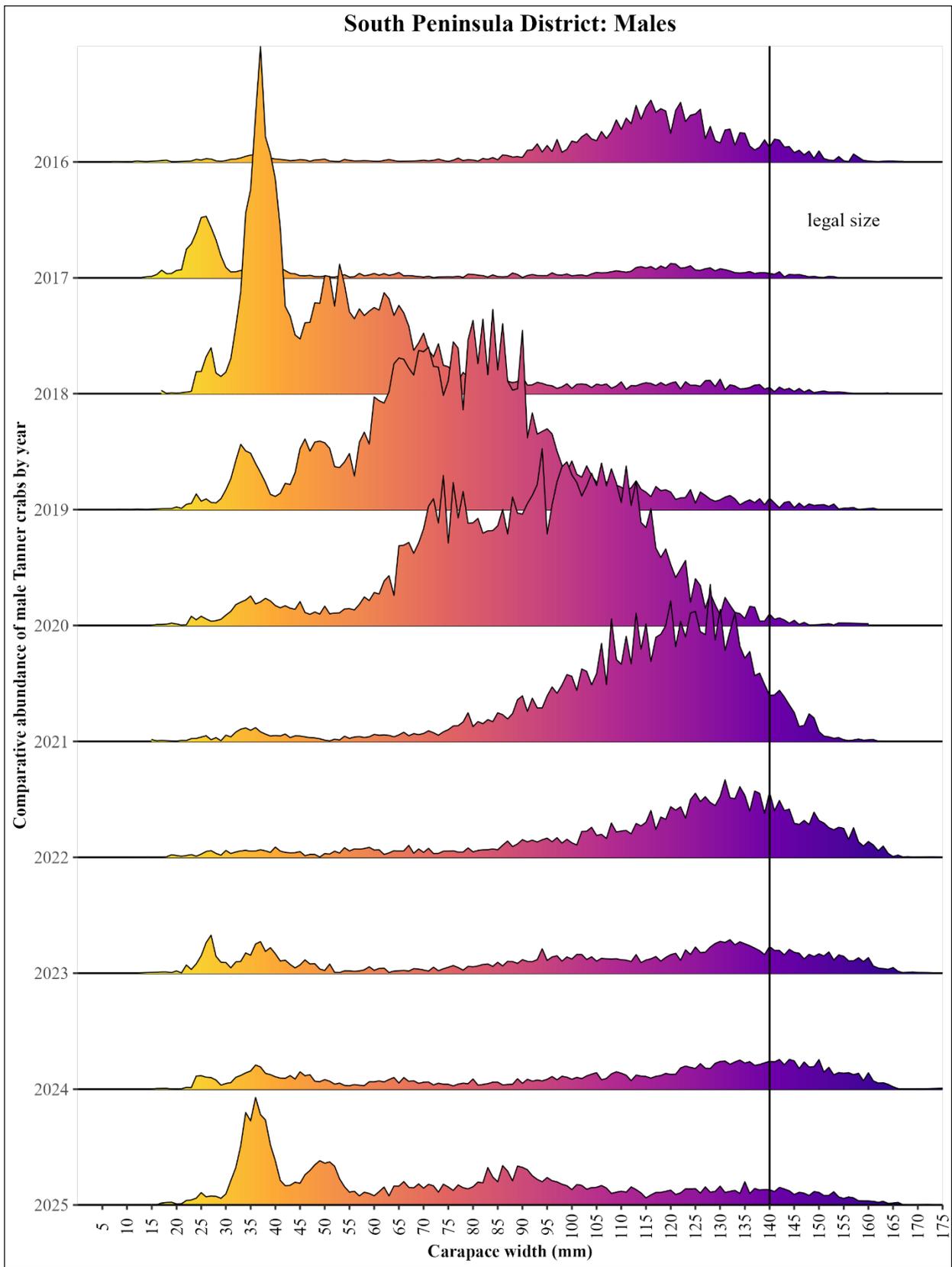


Figure 4.—Male Tanner crab abundance estimates by size, 2016–2025 South Peninsula District trawl surveys.

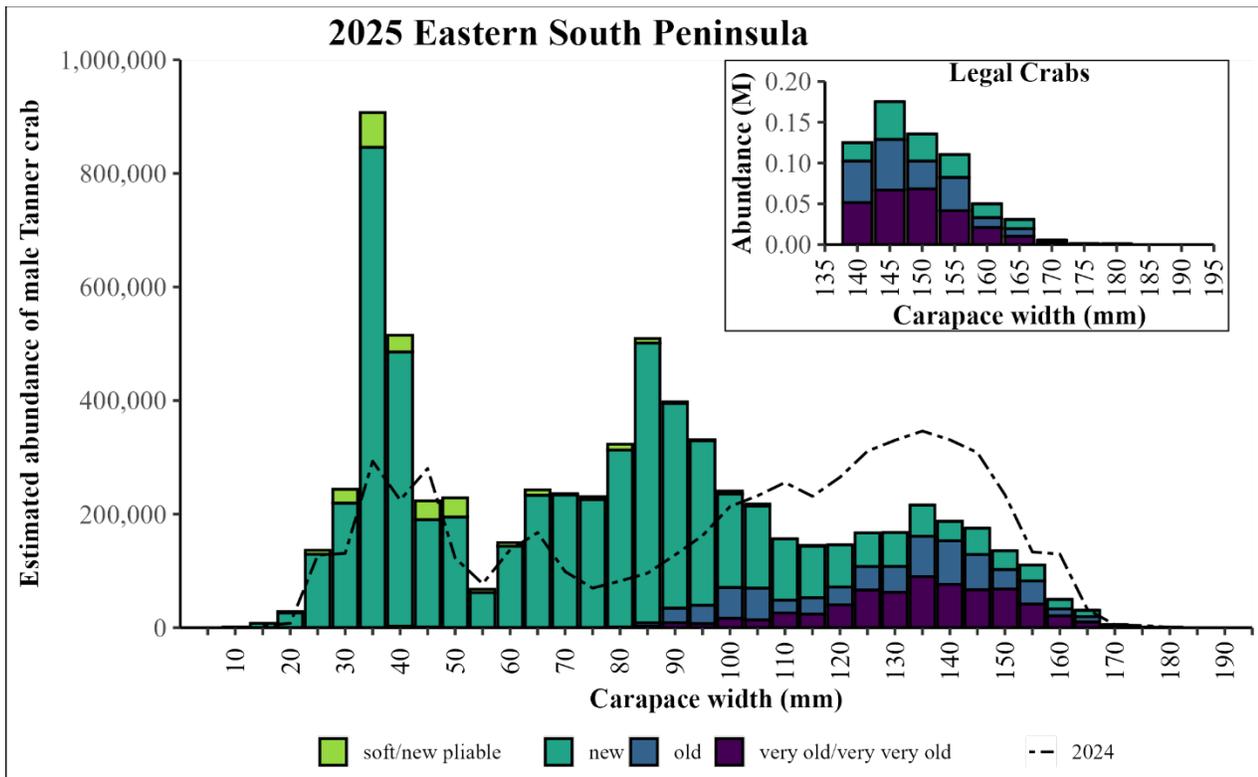
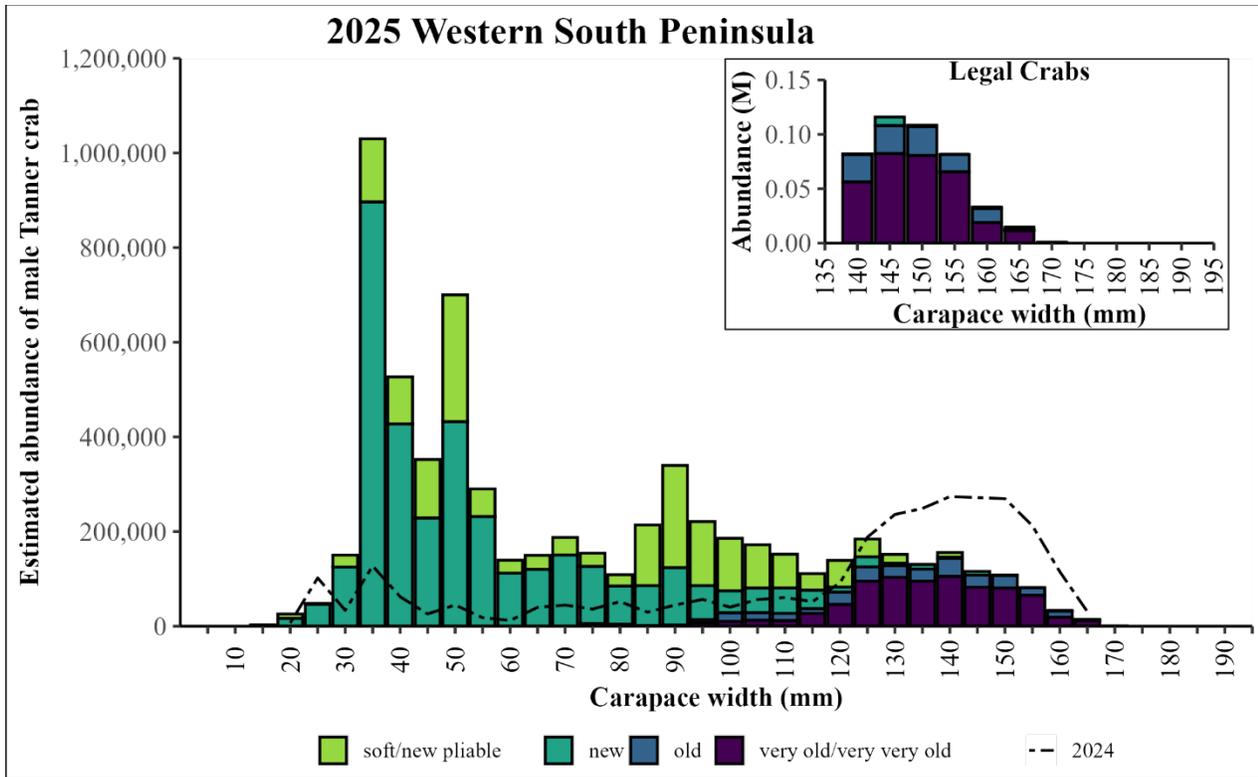


Figure 5.—Male Tanner crab abundance estimates by size and shell condition in the Eastern and Western Sections of the South Peninsula District, with legal insets, 2025 trawl survey.

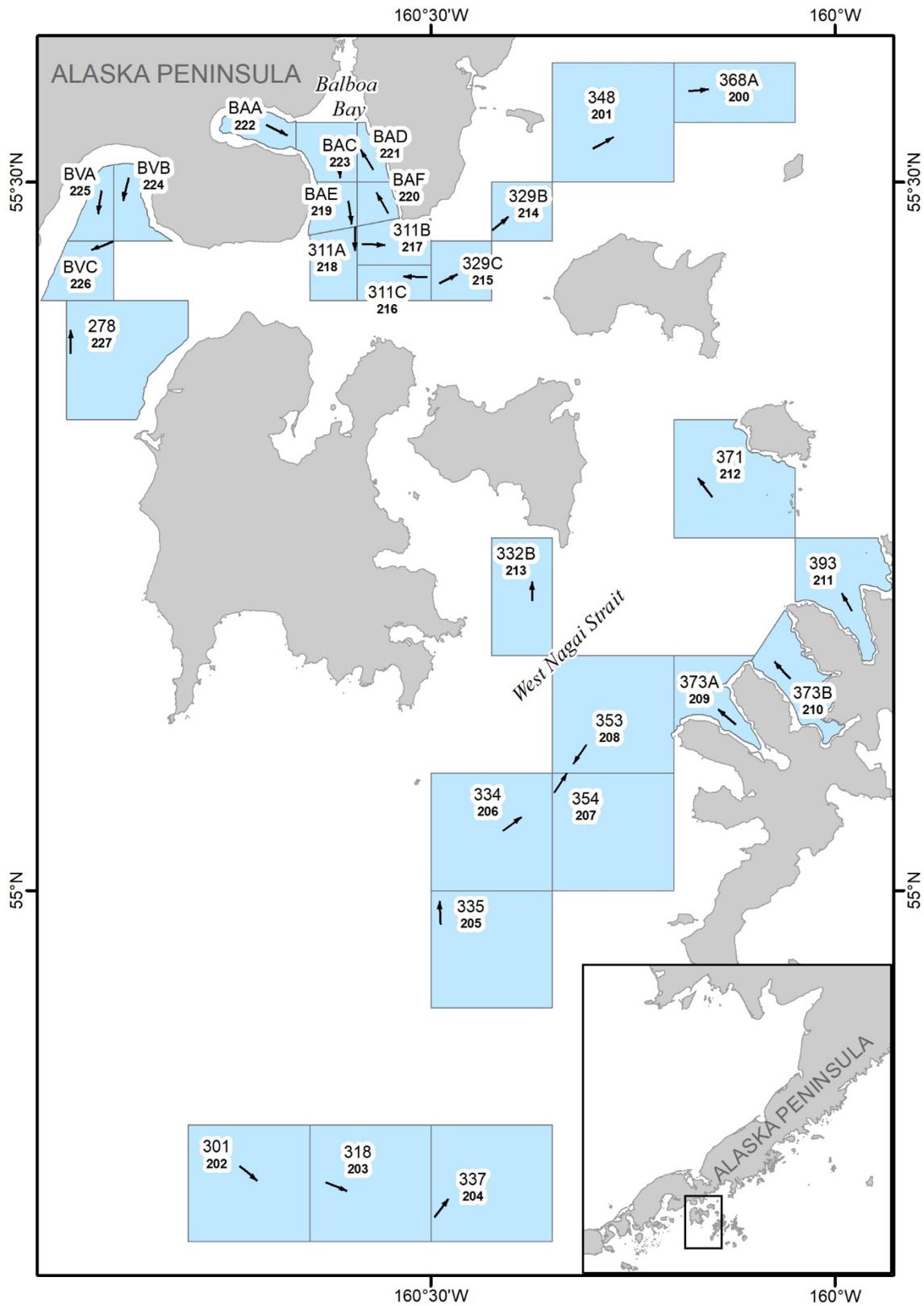


Figure 6.—Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), Unga Strait, Beaver Bay, Balboa Bay, and West Nagai Strait, 2025.

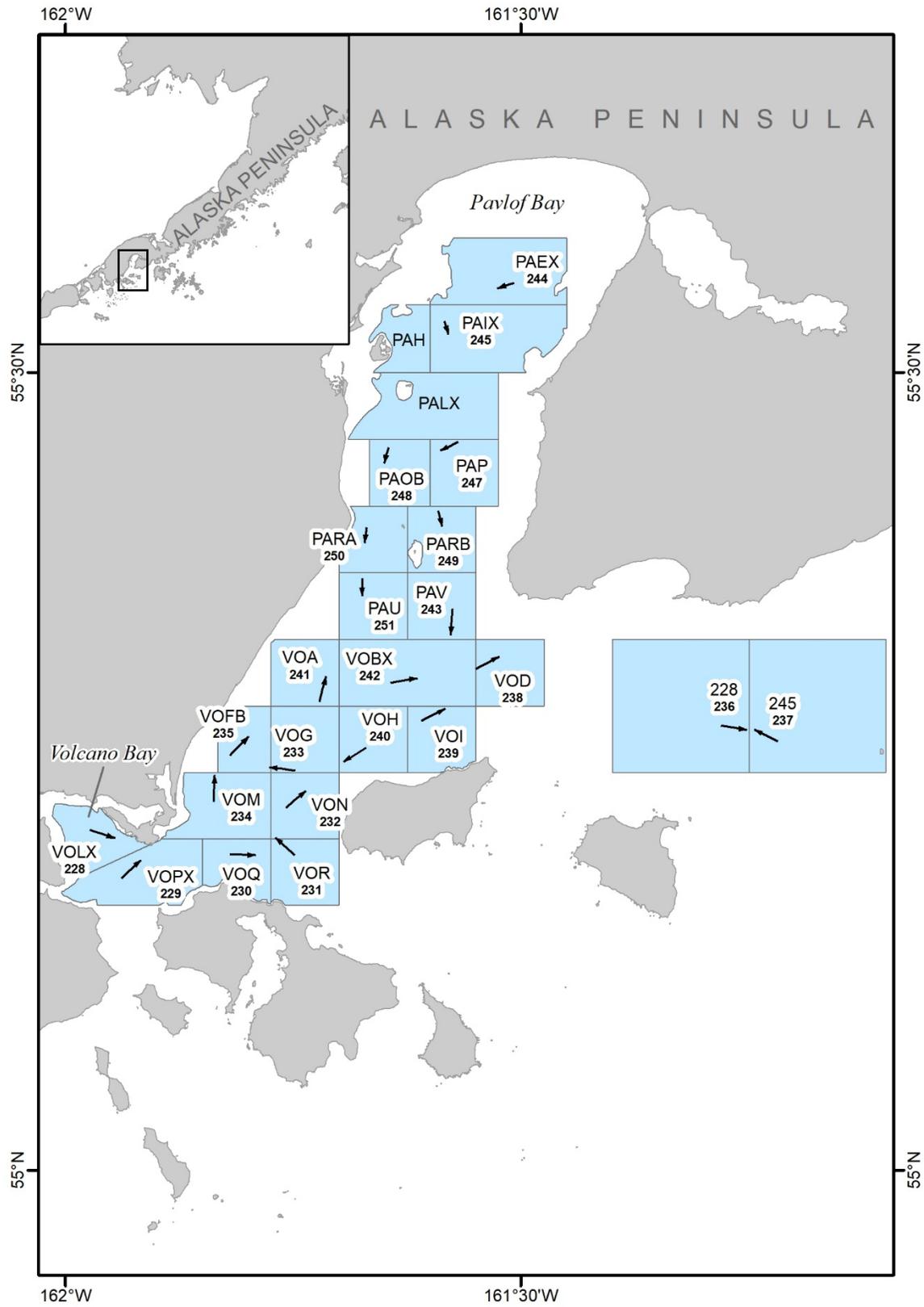


Figure 7.—Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), Pavlof and Volcano Bays, 2025.

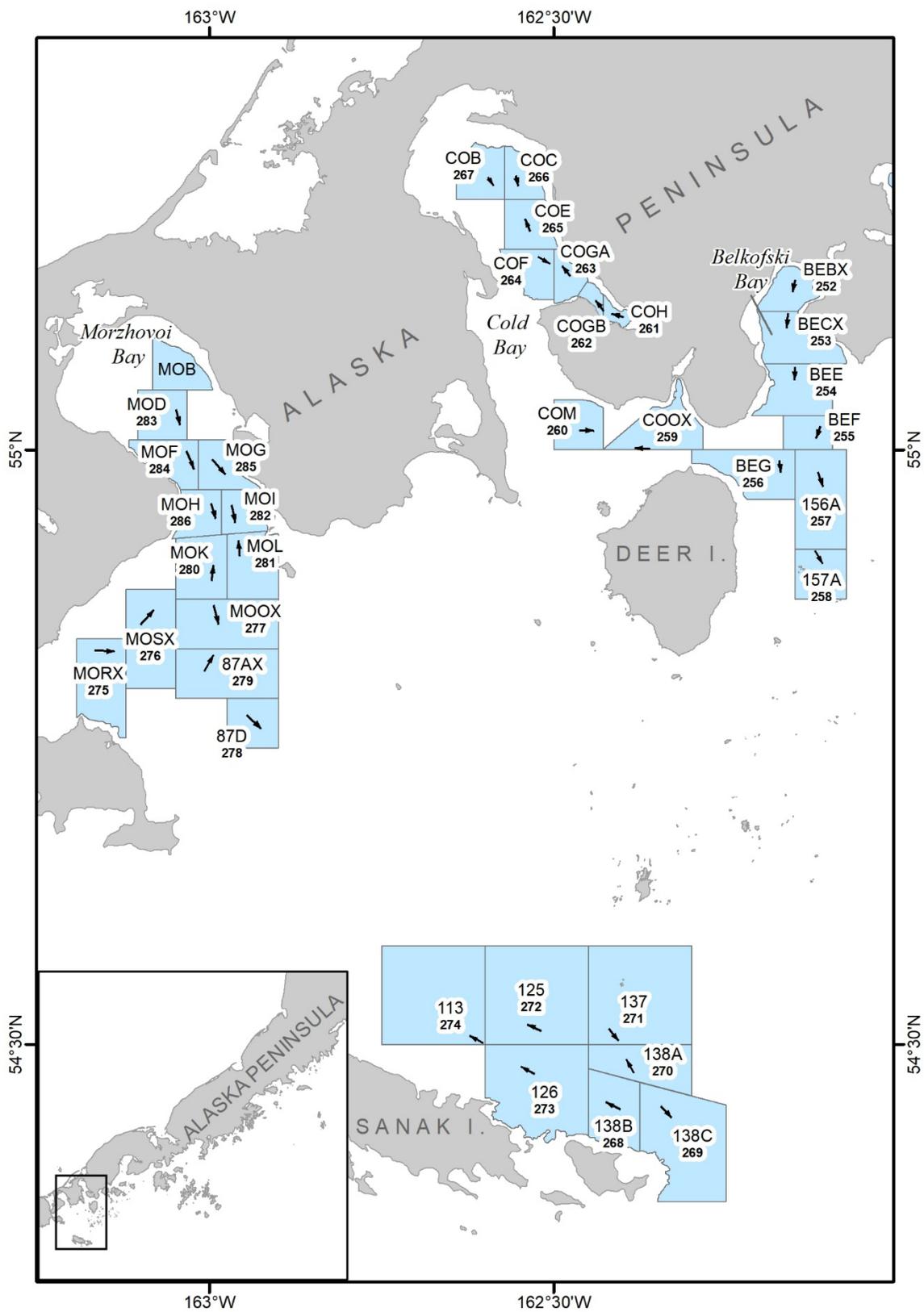


Figure 8.—Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), Morzhovoi Bay, Cold Bay, Belkofski Bay, Deer Island, and Sanak Island, 2025.

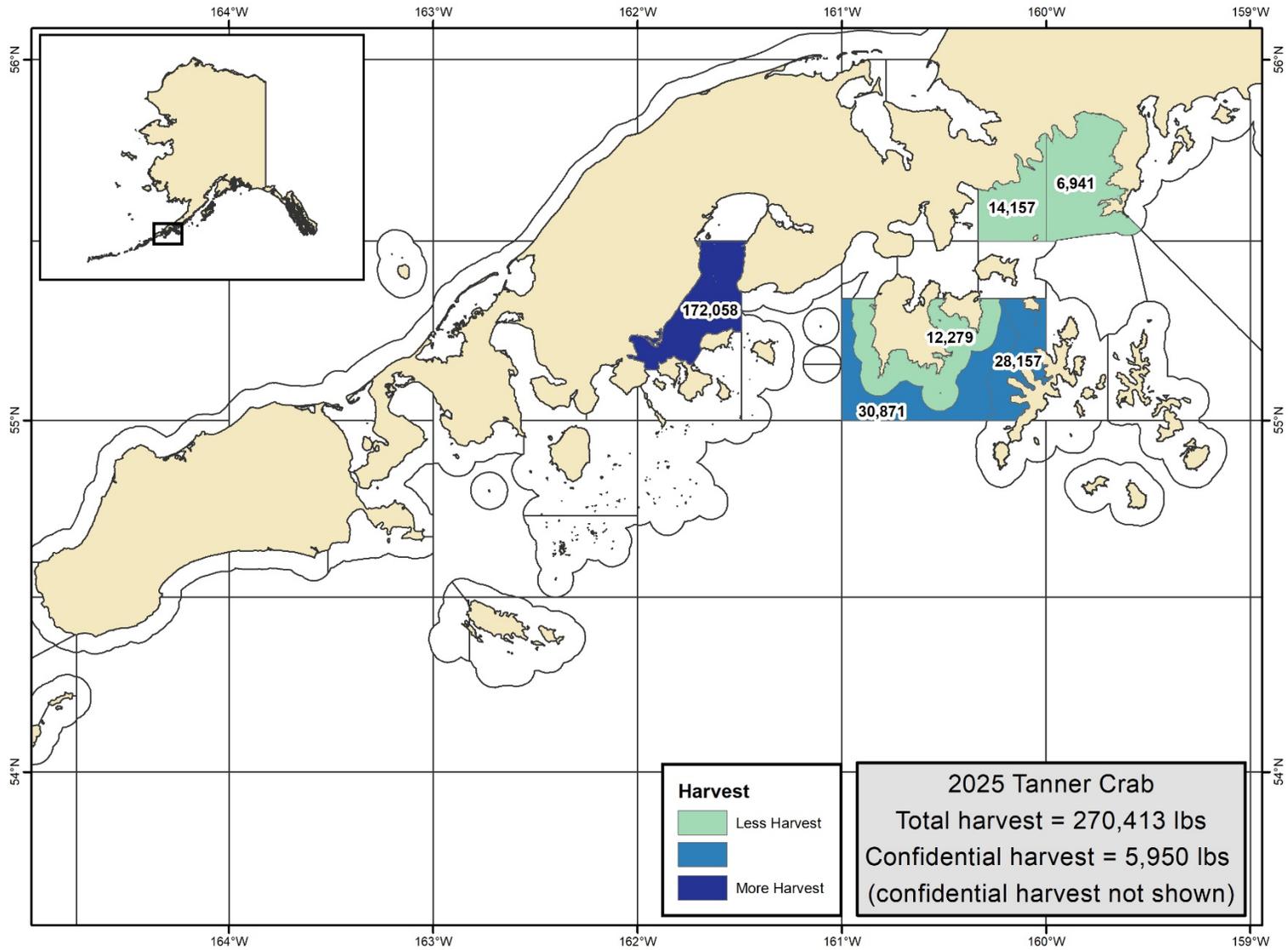


Figure 9.—Tanner crab harvest by statistical area from the 2025 South Peninsula District Tanner crab fishery.

Table 1.—Tanner crab abundance estimates in the South Peninsula District by station, 2025.

Station	Haul no.	Females			Number sublegal males by size (CW)				Recruit males	Postrecruit males	Mature males	Legal males	Total males	Total crab
		Juvenile	Mature	Total	<70 mm	70–91 mm	92–114 mm	>114 mm						
Sanak Island														
113	274	75,950	189,875	265,825	63,292	50,633	37,975	16,878	0	0	16,878	0	168,778	434,603
125	272	42,722	192,248	234,970	29,905	72,627	64,083	38,450	0	0	38,450	0	205,065	440,035
126	273	51,038	89,317	140,356	29,772	46,785	136,102	46,785	0	0	46,785	0	259,445	399,801
137	271	128,166	702,538	830,703	123,419	218,356	204,116	52,216	0	0	52,216	0	598,106	1,428,809
138A	270	25,609	2,714,543	2,740,152	10,776	32,327	64,653	48,490	0	5,388	53,878	5,388	161,633	2,901,785
138B	268	7,769	5,826	13,595	102,473	149,885	41,295	12,236	0	0	12,236	0	305,889	319,484
138C	269	18,678	180,555	199,233	105,842	168,103	93,390	18,678	0	0	18,678	0	386,014	585,246
Total		349,931	4,074,903	4,424,834	465,479	738,717	641,614	233,732	0	5,388	239,120	5,388	2,084,929	6,509,763
Morzhovoi Bay														
87AX	279	21,313	106,563	127,875	8,254	8,254	26,825	233,168	2,063	134,123	369,354	136,187	412,688	540,563
87D	278	7,899	7,899	15,798	987	987	4,937	5,924	0	2,962	8,886	2,962	15,798	31,595
MOD	283	96,953	18,509	115,463	52,884	7,933	14,984	4,407	0	0	4,407	0	80,207	195,670
MOF	284	128,188	0	128,188	132,609	0	884	0	0	0	0	0	133,493	261,681
MOG	285	231,378	9,641	241,019	200,192	5,440	10,880	2,176	0	0	2,176	0	218,688	459,707
MOH	286	115,782	0	115,782	107,511	0	0	0	0	0	0	0	107,511	223,293
MOI	282	71,704	0	71,704	68,369	0	834	1,668	0	0	1,668	0	70,870	142,573
MOK	280	39,364	21,998	61,362	34,733	2,316	1,158	5,789	1,158	6,947	13,894	8,104	52,100	113,462
MOL	281	1,167,403	5,837	1,173,240	1,170,896	0	0	0	0	0	0	0	1,170,896	2,344,136
MOOX	277	93,554	386,210	479,763	47,976	1,919	5,757	90,196	3,838	188,067	282,101	191,905	337,753	817,517
MORX	275	276,178	1,477	277,655	333,597	3,530	8,825	12,355	0	3,530	15,885	3,530	361,838	639,493
MOSX	276	177,769	13,238	191,007	172,095	0	0	1,891	0	3,782	5,673	3,782	177,769	368,775
MOB					<i>station not towed</i>									
Total		2,427,484	571,371	2,998,855	2,330,103	30,378	75,083	357,574	7,059	339,412	704,045	346,471	3,139,609	6,138,464
Cold Bay/Belkofski Bay														
156A	257	45,149	70,232	115,382	22,575	2,508	2,508	30,100	0	7,525	37,625	7,525	65,216	180,597
157A	258	18,378	7,351	25,729	17,153	1,225	4,901	29,405	0	1,225	30,630	1,225	53,909	79,638
BEBX	252	4,253	0	4,253	9,570	0	0	0	0	0	0	0	9,570	13,823
BEEX	253	10,465	0	10,465	14,950	0	0	0	0	0	0	0	14,950	25,415
BEE	254	18,150	18,150	36,300	9,773	12,565	2,792	54,449	0	54,449	108,898	54,449	134,029	170,329

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Table 1.–Page 2 of 4.

Station	Haul no.	Females			Number sublegal males by size (CW)				Recruit males	Postrecruit males	Mature males	Legal males	Total males	Total crab
		Juvenile	Mature	Total	<70 mm	70–91 mm	92–114 mm	>114 mm						
BEF	255	3,885	0	3,885	13,597	0	0	0	0	0	0	0	13,597	17,482
BEG	256	31,402	0	31,402	29,975	0	0	0	0	0	0	0	29,975	61,377
COB	267	155,480	1,808	157,288	247,683	5,424	0	0	0	0	0	0	253,107	410,395
COC	266	38,969	0	38,969	58,454	1,146	0	0	0	0	0	0	59,600	98,569
COE	265	123,678	0	123,678	71,049	17,104	9,210	2,631	0	0	2,631	0	99,995	223,673
COF	264	12,015	6,361	18,376	1,414	8,481	9,188	7,068	1,414	2,828	11,310	4,241	30,391	48,766
COGA	263	34,366	4,539	38,905	6,484	13,617	20,101	12,320	3,890	9,726	25,936	13,617	66,138	105,042
COGB	262	35,087	240	35,327	43,017	1,202	481	0	0	0	0	0	44,699	80,026
COH	261	57,005	0	57,005	58,323	659	0	0	0	0	0	0	58,982	115,986
COM	260	116,563	3,238	119,801	78,788	3,238	5,396	3,238	0	0	3,238	0	90,660	210,461
COOX	259	72,672	33,914	106,586	25,839	46,833	32,299	20,994	0	3,230	24,224	3,230	129,195	235,781
Total		777,517	145,833	923,350	708,643	114,002	86,876	160,204	5,304	78,982	244,491	84,287	1,154,012	2,077,362
Pavlof Bay/Volcano Bay														
228	236	2,289	20,031	22,320	1,145	572	9,157	14,308	0	5,151	19,459	5,151	30,332	52,653
245	237	3,725	7,449	11,174	4,656	0	1,862	2,793	0	0	2,793	0	9,311	20,485
PAEX	244	25,133	0	25,133	55,292	5,027	0	0	0	0	0	0	60,318	85,451
PAIX	245	45,681	0	45,681	35,892	3,263	0	3,263	0	0	3,263	0	42,418	88,099
PAOB	248	103,522	15,388	118,911	50,362	51,761	13,990	8,394	2,798	0	11,192	2,798	127,304	246,215
PAP	247	20,865	2,455	23,320	11,046	4,909	7,364	24,547	0	7,364	31,911	7,364	55,231	78,551
PARA	250	5,538	6,923	12,461	2,769	5,538	20,768	23,537	13,845	2,769	40,151	16,614	69,227	81,687
PARB	249	4,447	183,799	188,246	0	10,376	17,787	38,539	5,929	38,538	83,006	44,468	111,169	299,415
PAU	251	194,126	12,753	206,879	179,956	63,764	4,251	11,336	1,417	1,417	14,170	2,834	262,141	469,020
PAV	243	78,507	25,267	103,773	67,678	18,048	1,805	8,121	1,805	8,121	18,047	9,926	105,578	209,351
VOA	241	22,464	6,837	29,302	35,162	4,884	1,953	4,884	977	2,930	8,791	3,907	50,789	80,091
VOBX	242	108,786	82,067	190,853	83,975	1,909	3,817	26,719	3,817	59,165	89,701	62,981	179,401	370,254
VOD	238	8,285	52,469	60,754	7,364	3,682	1,841	47,867	1,841	81,926	131,634	83,767	144,521	205,275
VOFB	235	4,817	2,064	6,881	2,752	0	688	1,376	0	0	1,376	0	4,817	11,698
VOG	233	25,474	33,312	58,785	23,514	980	9,798	28,413	12,737	17,636	58,786	30,372	93,077	151,862
VOH	240	120,142	33,373	153,515	116,328	3,814	1,907	19,070	0	9,536	28,606	9,535	150,655	304,170
VOI	239	35,319	50,190	85,509	34,390	929	8,365	24,166	4,647	22,306	51,119	26,954	94,804	180,313
VOLX	228	75,130	3,098	78,228	62,738	0	3,098	3,873	1,549	0	5,422	1,549	71,258	149,486
VOM	234	292,096	2,717	294,814	319,143	14,655	0	0	0	0	0	0	333,797	628,611

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Table 1.–Page 4 of 4.

Station	Haul no.	Females			Number sublegal males by size (CW)				Recruit males	Postrecruit males	Mature males	Legal males	Total males	Total crab
		Juvenile	Mature	Total	<70 mm	70–91 mm	92–114 mm	>114 mm						
West Nagai Strait														
301	202	0	0	0	0	0	3,798	3,798	0	3,798	7,596	3,798	11,393	11,393
318	203	0	0	0	0	0	0	0	0	0	0	0	0	0
332B	213	113,462	2,316	115,777	62,520	16,209	11,578	0	0	0	0	0	90,306	206,084
334	206	41,359	3,760	45,119	22,559	7,520	0	7,520	0	7,520	15,040	7,520	45,119	90,238
335	205	7,520	48,879	56,399	0	120,317	176,715	146,636	0	142,876	289,512	142,876	586,545	642,943
337	204	0	0	0	0	0	0	0	0	0	0	0	0	0
353	208	3,813	0	3,813	3,813	7,625	7,625	3,813	0	0	3,813	0	22,876	26,689
354	207	11,280	131,597	142,876	0	139,116	105,277	18,800	0	0	18,800	0	263,193	406,069
371	212	3,334	3,334	6,669	3,334	3,334	3,334	3,334	0	3,334	6,668	3,334	16,671	23,340
373A	209	0	0	0	1,241	0	0	0	0	0	0	0	1,241	1,241
373B	210	29,068	99,920	128,987	4,542	14,534	42,693	64,494	20,892	9,992	95,378	30,884	157,147	286,134
393	211	223,956	145,783	369,738	2,981	301,073	187,798	86,447	5,962	17,886	110,295	23,847	602,145	971,884
Total		433,791	435,587	869,378	100,990	609,728	538,818	334,840	26,854	185,406	547,100	212,259	1,796,636	2,666,014
untowed station estimate														
Western Section ^a		43,205	107,570	150,775	46,671	20,733	18,197	8,907	0	1,680	10,587	1,681	96,188	246,963
untowed station estimate														
Eastern Section ^b		101,284	39,283	140,567	86,969	44,712	25,558	14,071	426	7,771	22,268	8,195	179,506	320,073
South Peninsula District Total		3,619,790	1,857,908	5,477,698	2,957,369	1,593,863	1,062,605	856,746	157,077	485,247	1,499,070	642,323	7,112,907	12,590,606
South Peninsula District Total		7,217,928	6,757,584	13,975,512	6,508,265	2,497,693	1,884,375	1,617,163	169,440	910,709	2,697,313	1,080,149	13,587,646	27,563,159

^a Western Section of the South Peninsula District includes Sanak Island, Morzhovoi Bay, and Cold Bay/Belkofski Bay.

^b Eastern Section of the South Peninsula District includes Pavlof Bay/Volcano Bay, Beaver Bay/Balboa Bay/Unga Strait, West Nagai Strait, and Stepovak Bay.

Table 2.—Fishing log from the South Peninsula District trawl survey, 2025.

Haul	196	197	198	199	200	201	202	203	204	205	206	207	208
Location	Stepovak	Stepovak	Stepovak	Stepovak	Unga S	Unga S	W. Nagai						
Month/Day/Year	08-07-25	08-07-25	08-07-25	08-07-25	08-07-25	08-07-25	08-08-25	08-08-25	08-08-25	08-08-25	08-08-25	08-08-25	08-08-25
Station	STD	STA	STB	STE	368A	348	301	318	337	335	334	354	353
Longitude Start (W)	159°49.50'	159°48.84'	159°45.60'	159°45.96'	160°10.92'	160°18.00'	160°44.20'	160°37.79'	160°29.75'	160°29.27'	160°24.68'	160°20.86'	160°18.46'
Latitude Start (N)	55°45.24'	55°48.48'	55°49.66'	55°47.49'	55°33.81'	55°31.39'	54°48.25'	54°47.53'	54°46.03'	54°58.56'	55°02.53'	55°04.16'	55°06.21'
Heading, Degrees	12	0	175	184	81	57	136	114	38	355	55	28	218
Average Depth (m)	120.6	95.09	111.5	122.5	182.8	204.8	109.7	109.7	107.8	113.3	151.7	142.6	142.6
Distance Fished (km)	1.87	1.87	1.87	1.852	1.629	1.907	1.852	1.852	1.87	1.87	1.87	1.87	1.852
Haul	209	210	211	212	213	214	215	216	217	218	219	220	221
Location	W. Nagai	Unga S	Balboa	Balboa	Balboa								
Month/Day/Year	08-09-25	08-09-25	08-09-25	08-09-25	08-09-25	08-10-25	08-10-25	08-10-25	08-10-25	08-09-25	08-10-25	08-10-25	08-10-25
Station	373A	373B	393	371	332B	329B	329C	311C	311B	311A	BAE	BAF	BAD
Longitude Start (W)	160°07.40'	160°03.36'	159°58.76'	160°09.14'	160°22.49'	160°25.46'	160°29.39'	160°30.26'	160°35.14'	160°35.60'	160°36.11'	160°33.17'	160°34.26'
Latitude Start (N)	55°07.07'	55°09.00'	55°11.89'	55°16.70'	55°12.32'	55°27.96'	55°25.73'	55°26.00'	55°27.40'	55°28.11'	55°29.22'	55°28.68'	55°30.53'
Heading, Degrees	318	318	332	333	343	45	62	275	90	181	175	332	327
Average Depth (m)	27.43	74.97	76.8	137.1	186.5	184.6	129.8	133.4	135.3	124.3	118.8	82.29	96.92
Distance Fished (km)	1.852	1.852	1.629	1.87	1.518	1.666	1.611	1.889	1.852	1.87	1.87	1.87	1.852
Haul	222	223	224	225	226	227	228	229	230	231	232	233	234
Location	Balboa	Balboa	Beaver	Beaver	Beaver	Beaver	Volcano	Volcano	Pavlof	Pavlof	Pavlof	Pavlof	Pavlof
Month/Day/Year	08-11-25	08-11-25	08-11-25	08-11-25	08-11-25	08-11-25	08-12-25	08-12-25	08-12-25	08-12-25	08-12-25	08-12-25	08-12-25
Station	BAA	BAC	BVB	BVA	BVC	278	VOLX	VOPX	VOQ	VOR	VON	VOG	VOM
Longitude Start (W)	160°42.22'	160°36.94'	160°52.40'	160°54.42'	160°53.52'	160°56.68'	161°58.40'	161°56.33'	161°49.22'	161°44.90'	161°45.49'	161°44.86'	161°50.25'
Latitude Start (N)	55°32.41'	55°31.16'	55°30.19'	55°29.66'	55°27.51'	55°22.77'	55°12.84'	55°11.02'	55°11.92'	55°11.88'	55°13.67'	55°15.06'	55°13.91'
Heading, Degrees	114	175	205	192	246	0	116	39	93	304	52	279	3
Average Depth (m)	29.25	100.5	38.4	45.71	89.6	111.5	74.97	84.12	93.26	117	118.8	107.8	91.43
Distance Fished (km)	1.87	1.87	1.852	1.87	1.87	1.889	1.87	1.87	1.852	1.852	1.852	1.852	1.852
Haul	235	236	237	238	239	240	241	242	243	244	245	246	247
Location	Pavlof												
Month/Day/Year	08-12-25	08-13-25	08-13-25	08-13-25	08-13-25	08-13-25	08-13-25	08-13-25	08-13-25	08-14-25	08-14-25	08-14-25	08-14-25
Station	VOFB	228	245	VOD	VOI	VOH	VOA	VOBX	PAV	PAEX	PAIX	PALX	PAP
Longitude Start (W)	161°49.17'	161°16.85'	161°13.09'	161°32.99'	161°36.58'	161°40.21'	161°43.29'	161°38.60'	161°34.52'	161°30.47'	161°35.07'	161°32.64'	161°34.14'
Latitude Start (N)	55°15.64'	55°16.77'	55°16.16'	55°18.89'	55°16.93'	55°15.92'	55°17.64'	55°18.37'	55°21.16'	55°33.34'	55°31.90'	55°29.88'	55°27.40'
Heading, Degrees	41	100	294	65	55	238	8	88	184	241	180	194	231
Average Depth (m)	98.75	84.12	82.29	115.2	106	109.7	113.3	98.75	98.75	31.08	42.06	53.03	74.97
Distance Fished (km)	1.852	1.833	1.852	1.852	1.87	1.87	1.852	1.87	1.87	1.222	0.963	0.185	1.389

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Table 2.–Page 2 of 2.

Haul	248	249	250	251	252	253	254	255	256	257	258	259	260
Location	Pavlof	Pavlof	Pavlof	Pavlof	Belk. B.	Belk. B.	Belk. B.	Deer I.					
Month/Day/Year	08-14-25	08-14-25	08-14-25	08-14-25	08-15-25	08-15-25	08-15-25	08-15-25	08-15-25	08-15-25	08-15-25	08-15-25	08-15-25
Station	PAOB	PARB	PARA	PAU	BEBX	BECX	BEE	BEF	BEG	156A	157A	COOX	COM
Longitude Start (W)	161°38.73'	161°35.47'	161°40.17'	161°40.49'	162°08.95'	162°09.58'	162°08.97'	162°06.76'	162°10.32'	162°06.95'	162°07.22'	162°21.64'	162°27.80'
Latitude Start (N)	55°27.19'	55°24.83'	55°24.21'	55°22.29'	55°08.48'	55°06.83'	55°04.16'	55°01.17'	54°59.47'	54°58.87'	54°54.92'	55°00.06'	55°00.96'
Heading, Degrees	190	165	189	188	192	184	181	196	174	160	159	264	97
Average Depth (m)	87.77	82.29	106	128	67.66	78.63	82.29	93.26	84.12	89.6	78.63	106	80.46
Distance Fished (km)	1.148	1.148	1.129	1.24	1.166	1.407	1.259	1.222	1.166	1.444	1.407	1.407	1.407
Haul	261	262	263	264	265	266	267	268	269	270	271	272	273
Location	Cold B.	Sanak I.											
Month/Day/Year	08-16-25	08-16-25	08-16-25	08-16-25	08-16-25	08-16-25	08-16-25	08-17-25	08-17-25	08-17-25	08-17-25	08-17-25	08-17-25
Station	COH	COGB	COGA	COF	COE	COC	COB	138B	138C	138A	137	125	126
Longitude Start (W)	162°23.90'	162°25.68'	162°28.56'	162°31.41'	162°32.07'	162°33.32'	162°35.74'	162°24.18'	162°20.66'	162°23.01'	162°25.22'	162°31.07'	162°31.64'
Latitude Start (N)	55°06.61'	55°06.93'	55°08.66'	55°09.66'	55°10.91'	55°13.70'	55°13.63'	54°26.69'	54°26.85'	54°28.53'	54°30.79'	54°30.66'	54°28.48'
Heading, Degrees	282	319	326	119	341	161	147	290	137	330	138	294	293
Average Depth (m)	47.54	56.69	93.26	96.92	67.66	45.71	53.03	148.1	146.2	144.4	146.2	146.2	142.6
Distance Fished (km)	1.203	1.24	1.24	1.333	1.259	1.018	0.944	1.555	1.5	1.5	1.481	1.481	1.5
Haul	274	275	276	277	278	279	280	281	282	283	284	285	286
Location	Sanak I.	Morzhov.											
Month/Day/Year	08-17-25	08-18-25	08-18-25	08-18-25	08-18-25	08-18-25	08-18-25	08-18-25	08-18-25	08-19-25	08-19-25	08-19-25	08-19-25
Station	113	MORX	MOSX	MOOX	87D	87AX	MOK	MOL	MOI	MOD	MOF	MOG	MOH
Longitude Start (W)	162°36.12'	163°10.03'	163°06.03'	162°59.69'	162°56.78'	163°00.49'	162°59.84'	162°57.38'	162°58.10'	163°02.95'	163°02.02'	162°59.79'	162°59.90'
Latitude Start (N)	54°30.05'	54°49.91'	54°51.21'	54°52.19'	54°46.66'	54°48.84'	54°53.39'	54°54.64'	54°57.21'	55°02.00'	54°59.94'	54°59.50'	54°57.29'
Heading, Degrees	302	93	35	168	137	44	12	348	166	167	165	142	165
Average Depth (m)	138.9	91.43	96.92	96.92	89.6	87.77	104.2	128	107.8	89.6	80.46	91.43	100.5
Distance Fished (km)	1.5	1.87	1.852	1.87	1.852	1.814	1.518	1.5	1.666	1.5	1.852	1.87	1.5