
2024 Tanner crab *Chionoecetes bairdi* Bottom Trawl Survey results for the Eastern Aleutian District



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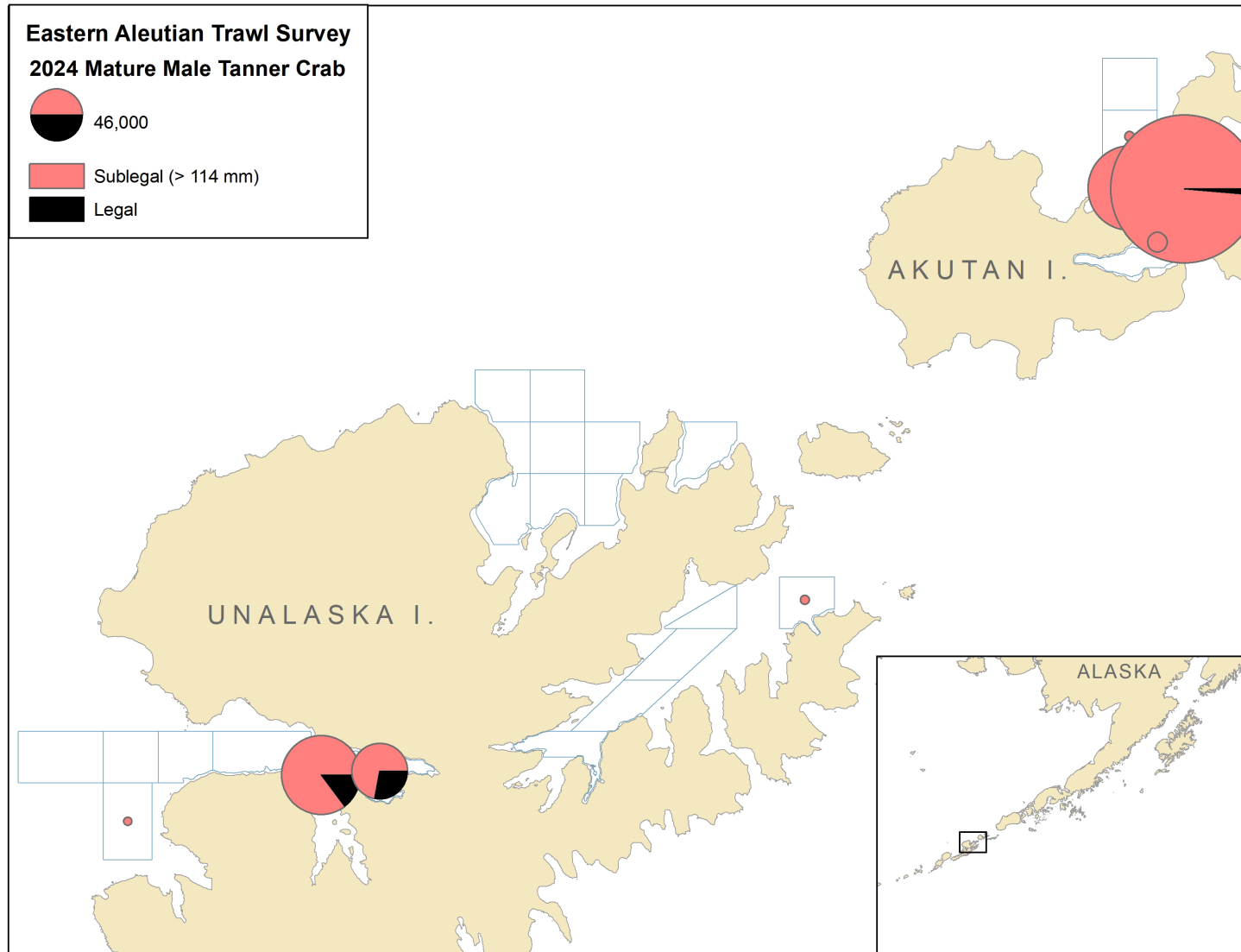


Figure 1.—Mature male Tanner crab abundance estimates in the Eastern Aleutian District from the 2024 Eastern Aleutian trawl survey.

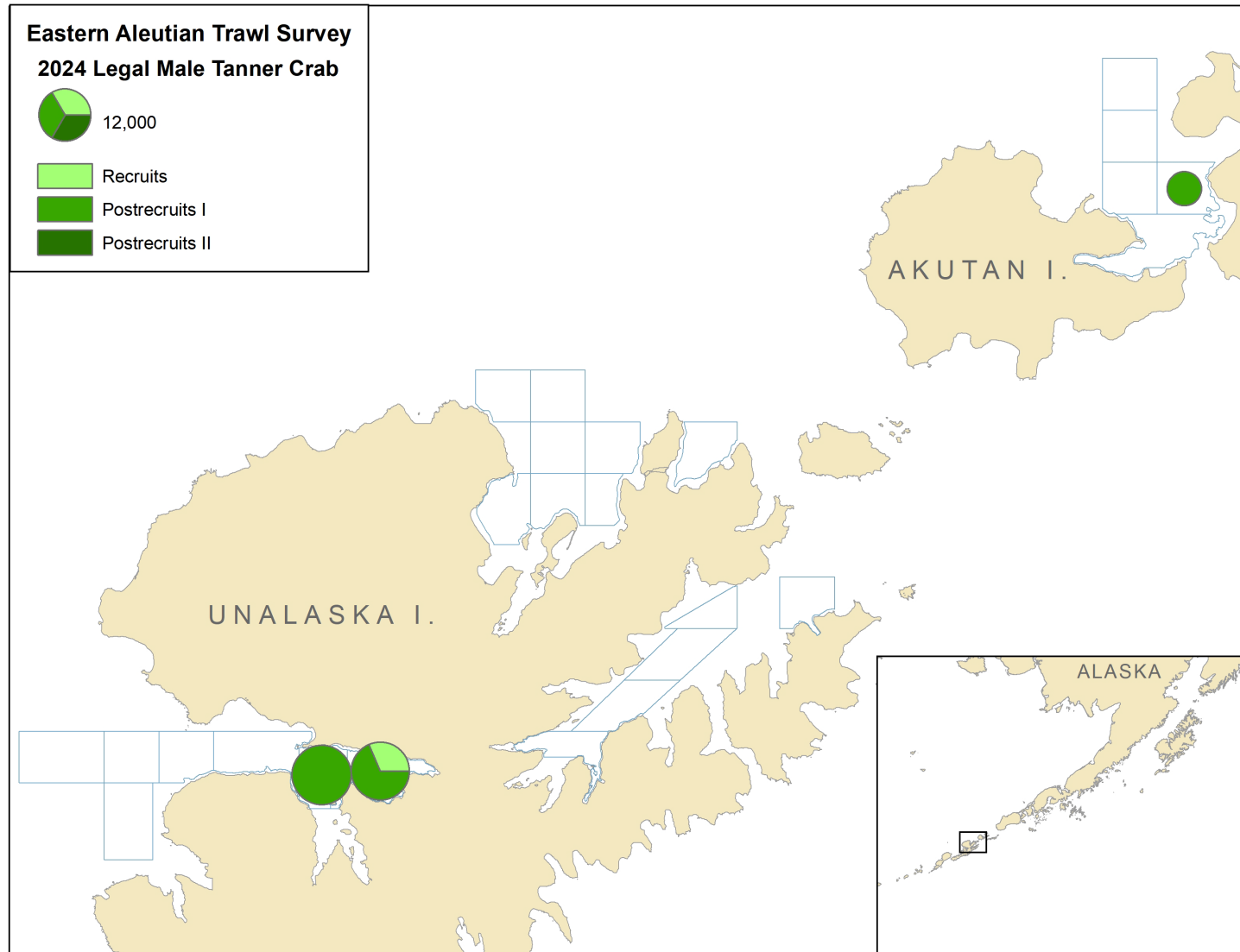


Figure 2.—Legal-size male Tanner crab abundance estimates in the Eastern Aleutian District from the 2024 Eastern Aleutian trawl survey.

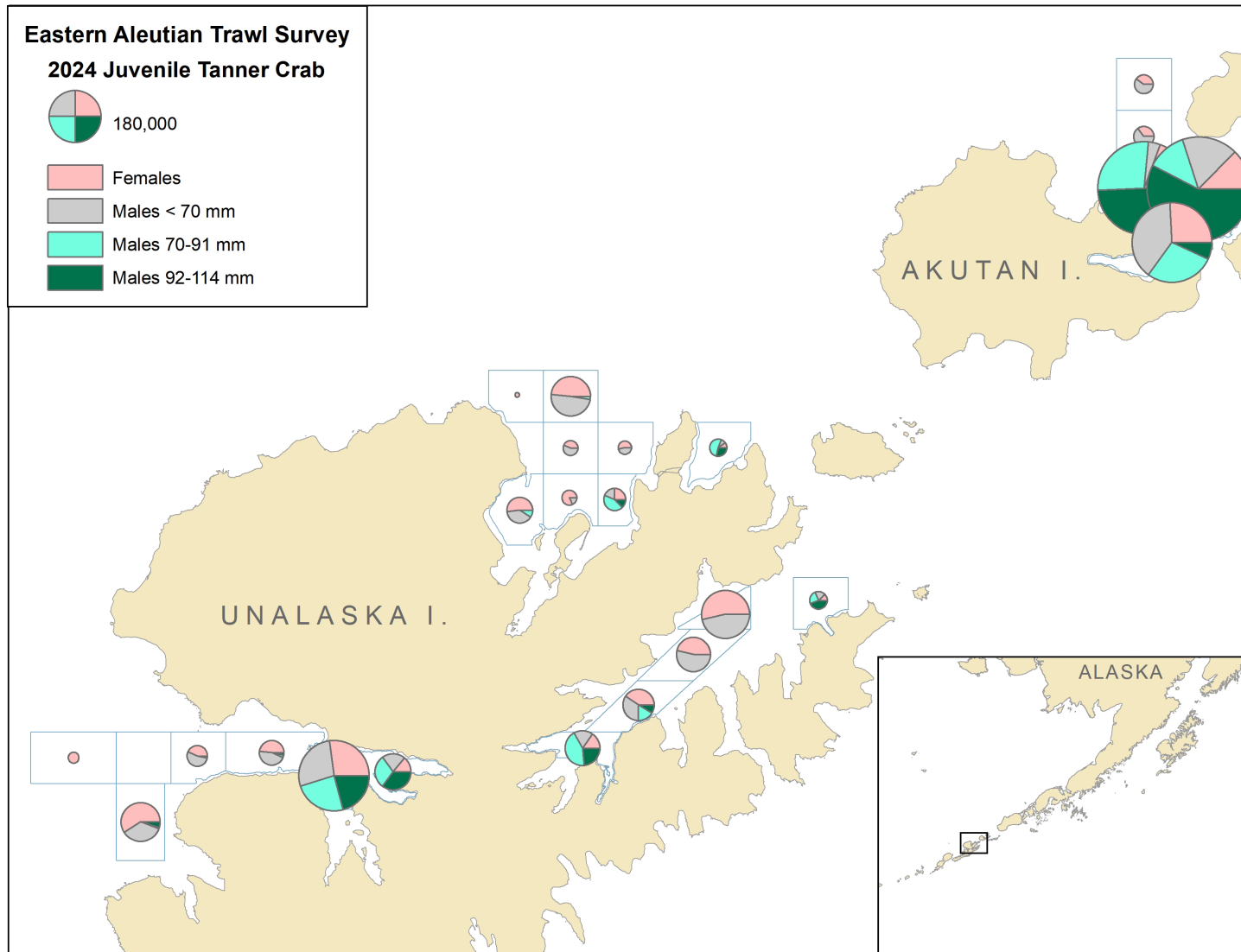


Figure 3.—Juvenile Tanner crab abundance estimates in the Eastern Aleutian District from the 2024 Eastern Aleutian trawl survey.

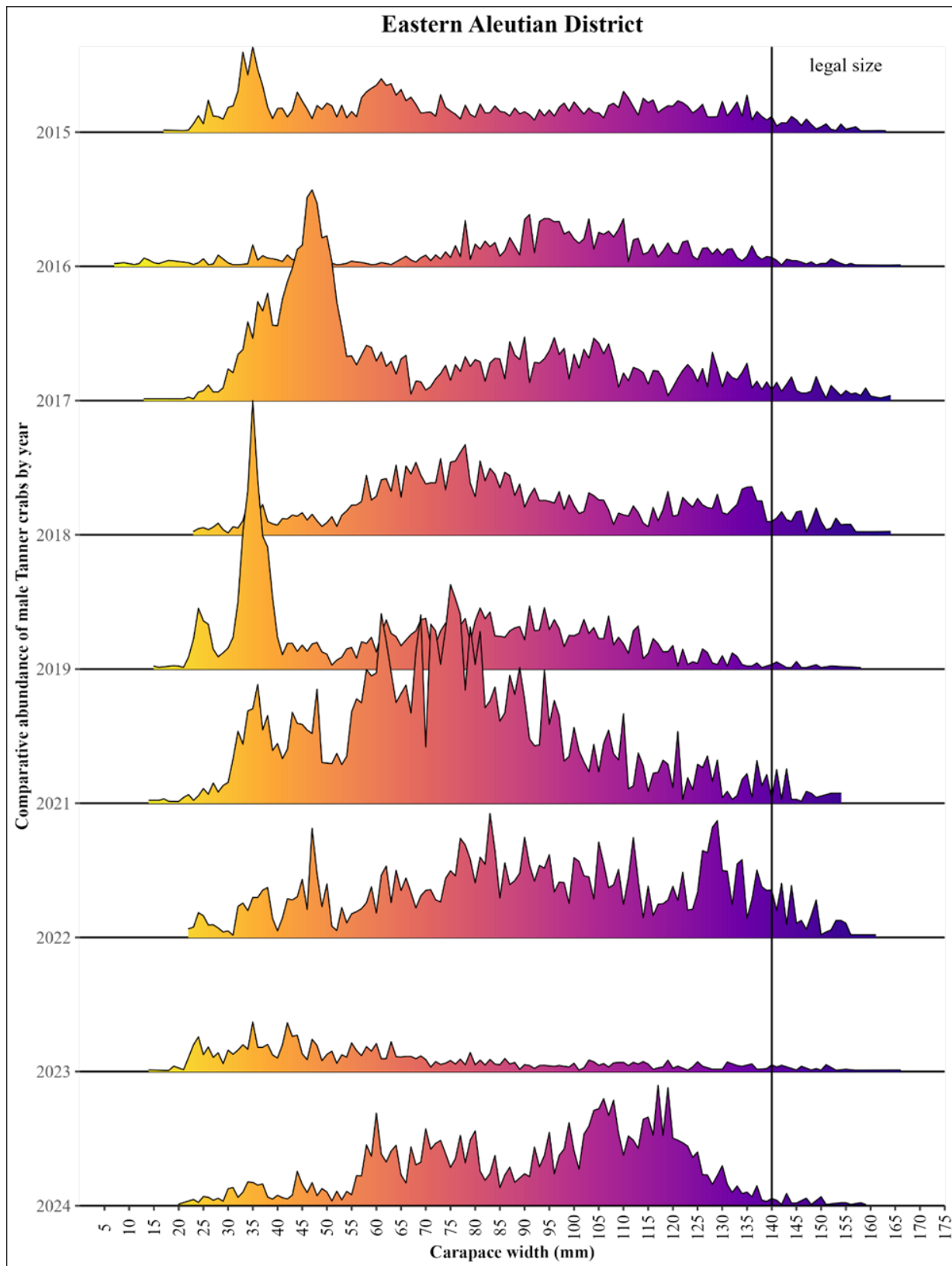


Figure 4.—Male Tanner crab abundance estimates by size, 2015–2024 Eastern Aleutian District trawl surveys.

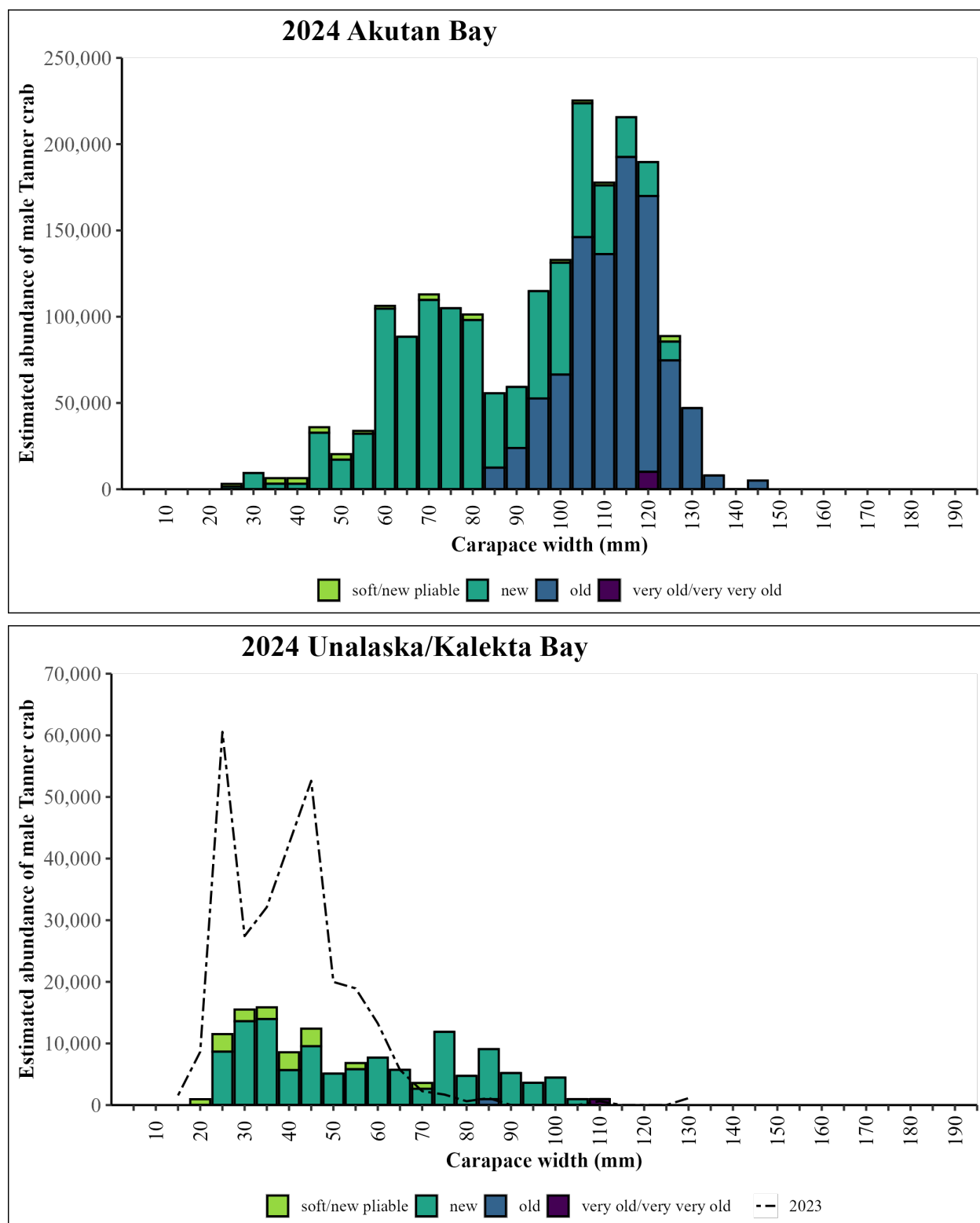


Figure 5.—Male Tanner crab abundance estimates by size and shell condition in the Akutan and Unalaska/Kalekta Sections of the Eastern Aleutian District, 2024 trawl survey.

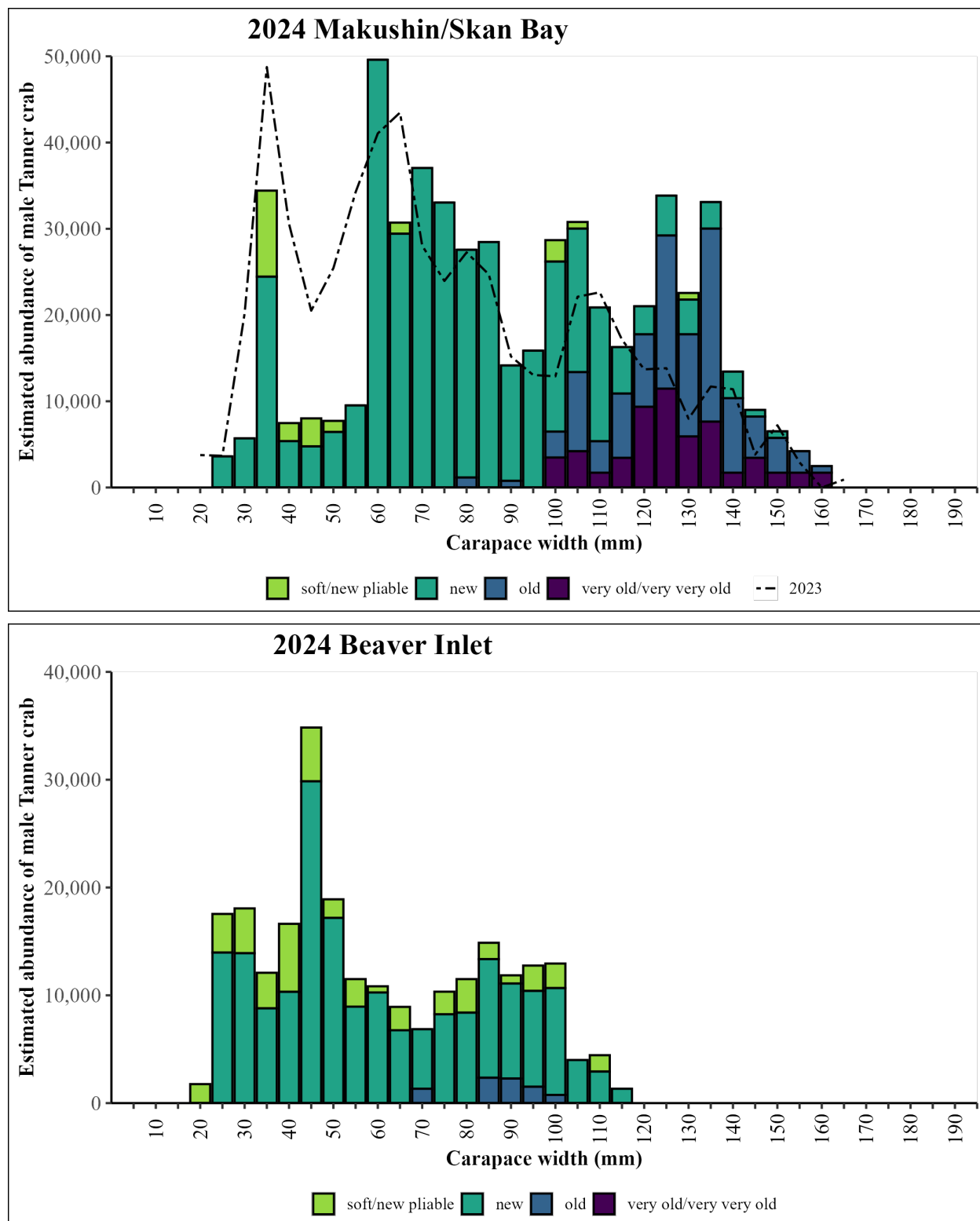


Figure 6.—Male Tanner crab abundance estimates by size and shell condition in the Makushin/Skan Section and Beaver Inlet of the Eastern Aleutian District, 2024 trawl survey.

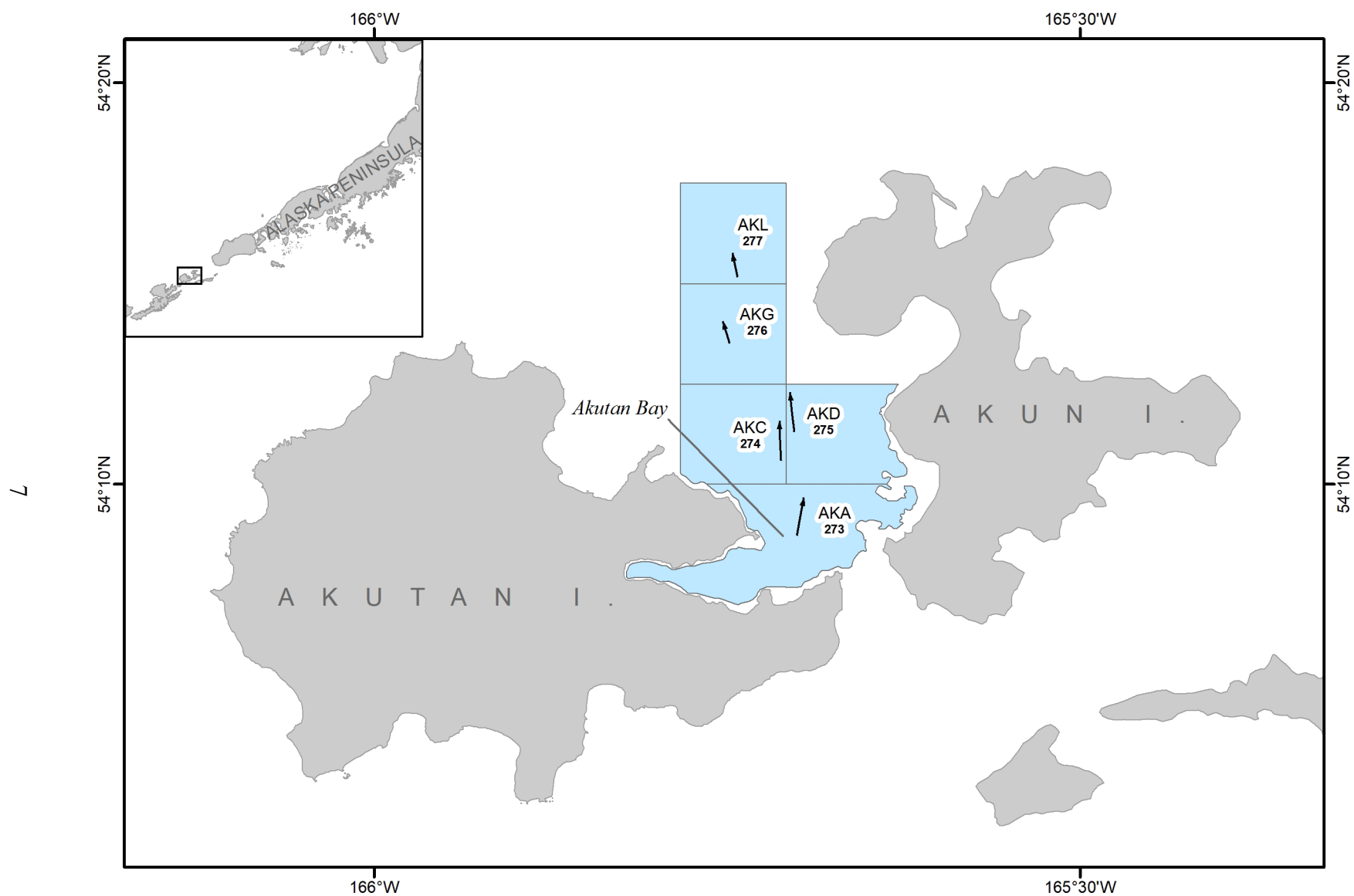


Figure 7.—Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), Akutan Bay, 2024.

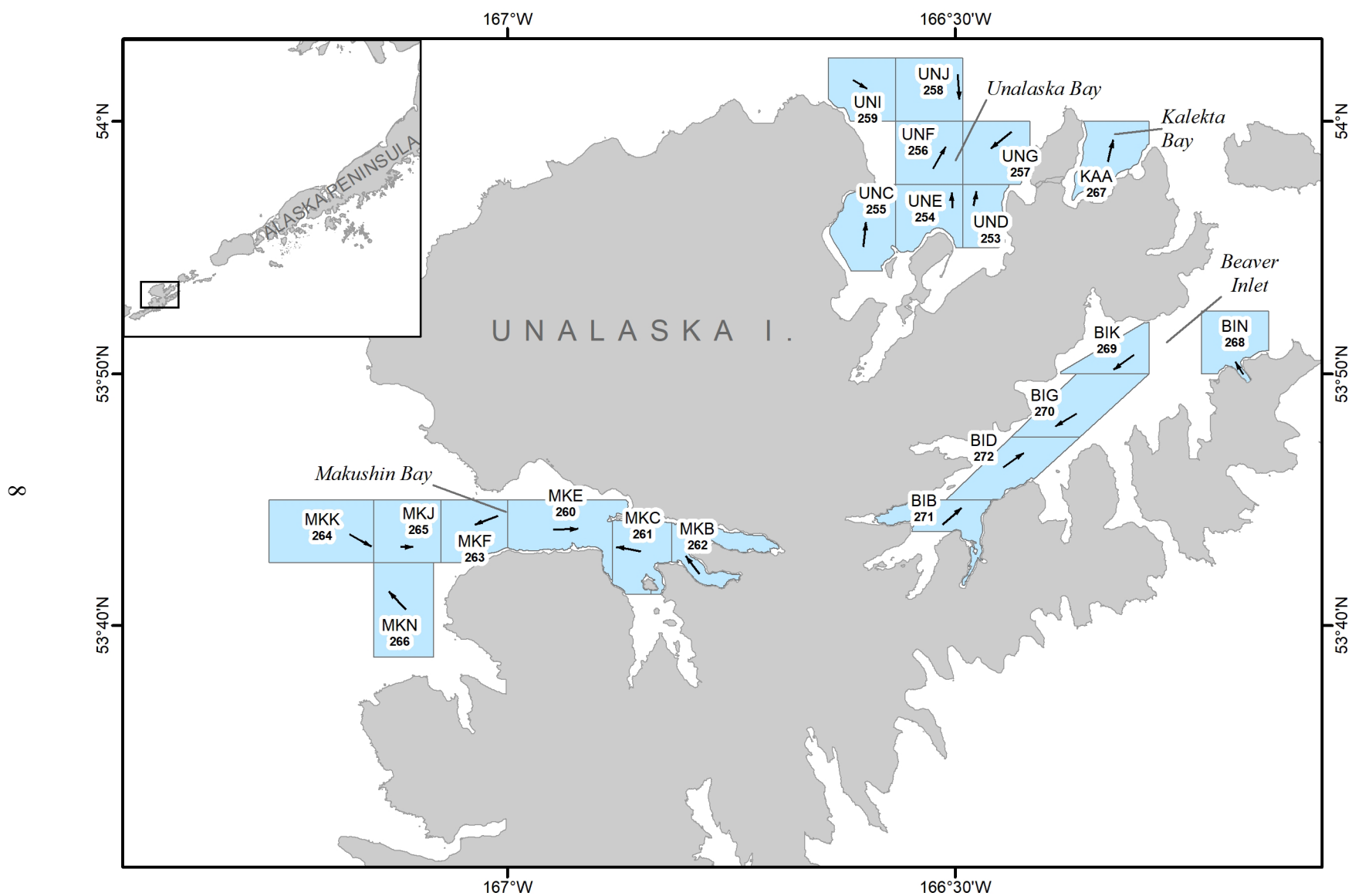


Figure 8.—Station boundaries with station designations, trawl haul numbers (bold) and locations (arrows), Unalaska Bay, Makushin Bay, and Beaver Inlet, 2024.

Table 1.—Tanner crab abundance estimates in the Eastern Aleutian District by station, 2024.

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						
Akutan Bay Section														
AKA	273	110,544	12,114	122,658	167,673	122,530	27,408	6,449	0	0	6,449	0	324,061	446,719
AKC	274	112,807	313,809	426,616	23,380	163,657	280,554	119,820	0	0	119,820	0	587,411	1,014,027
AKD	275	92,317	649,912	742,229	126,118	95,850	413,667	363,220	0	5,045	368,265	5,045	1,003,900	1,746,128
AKG	276	9,821	3,274	13,095	18,005	0	0	1,637	0	0	1,637	0	19,642	32,737
AKL	277	9,338	4,669	14,007	14,007	0	0	0	0	0	0	0	14,007	28,014
all stations towed														
Total		334,827	983,778	1,318,605	349,183	382,037	721,629	491,126	0	5,045	496,171	5,045	1,949,021	3,267,625
Unalaska/Kalekta Bay Section														
UNC	255	23,256	8,089	31,345	17,189	4,045	0	0	0	0	0	0	21,234	52,579
UND	253	8,467	847	9,313	5,927	14,393	4,233	0	0	0	0	0	24,553	33,866
UNE	254	11,699	1,300	12,999	2,600	0	0	0	0	0	0	0	2,600	15,598
UNF	256	6,580	0	6,580	8,460	0	0	0	0	0	0	0	8,460	15,040
UNG	257	6,329	1,808	8,138	5,425	0	0	0	0	0	0	0	5,425	13,563
UNI	259	1,304	0	1,304	0	0	0	0	0	0	0	0	0	1,304
UNJ	258	51,266	10,443	61,709	51,266	2,848	0	0	0	0	0	0	54,114	115,824
KAA	267	1,917	959	2,876	1,917	10,545	5,752	0	0	0	0	0	18,214	21,090
all stations towed														
Total		110,818	23,446	134,264	92,784	31,831	9,985	0	0	0	0	0	134,600	268,864
Makushin/Skan Bay Section														
MKB	262	12,312	114,658	126,970	18,468	27,703	29,242	37,706	4,617	10,004	52,327	14,621	127,740	254,710
MKC	261	91,244	686,155	777,399	92,724	82,421	68,684	89,290	0	15,454	104,744	15,454	348,573	1,125,972
MKE	260	19,322	0	19,322	18,034	1,288	1,288	0	0	0	0	0	20,610	39,931
MKF	263	12,147	934	13,082	14,951	934	0	0	0	0	0	0	15,885	28,967
MKJ	265	0	0	0	0	0	0	0	0	0	0	0	0	0
MKK	264	7,828	0	7,828	0	0	0	0	0	0	0	0	0	7,828
MKN	266	60,268	56,791	117,059	35,929	1,159	4,636	1,159	0	0	1,159	0	42,883	159,942
MKP					station not towed									
untowed station estimate		13,349	56,423	69,772	11,837	7,460	6,825	8,422	304	1,673	10,398	1,976	36,520	106,292
Total		216,470	914,961	1,131,432	191,943	120,965	110,675	136,577	4,921	27,131	168,628	32,051	592,211	1,723,642

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Table 1.—Page 2 of 2.

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						
BIB	271	12,152	41,773	53,925	14,431	34,937	18,988	0	0	0	0	0	68,355	122,280
BID	272	26,662	3,333	29,995	22,496	10,832	5,832	0	0	0	0	0	39,160	69,155
BIG	270	36,091	0	36,091	42,107	0	0	0	0	0	0	0	42,107	78,198
BIK	269	82,730	2,873	85,602	71,240	1,149	0	0	0	0	0	0	72,389	157,991
BIN	268	2,666	0	2,666	3,999	5,332	9,331	1,333	0	0	1,333	0	19,996	22,662
all stations towed														
Total		160,301	47,979	208,279	154,273	52,250	34,151	1,333	0	0	1,333	0	242,007	450,286
Eastern Aleutian District Total		666,214	1,111,994	1,778,207	632,169	467,277	770,401	493,618	0	5,045	498,663	5,045	2,368,511	4,146,717

Table 2.—Fishing log from the Eastern Aleutian District trawl survey, 2024.

Haul	253	254	255	256	257	258	259	260	261	262	263	264	265
Location	Unalaska	Unalaska	Unalaska	Unalaska	Unalaska	Unalaska	Unalaska	Makush.	Makush.	Makush.	Makush.	Makush.	Makush.
Month/Day/Year	08-09-24	08-09-24	08-09-24	08-09-24	08-09-24	08-09-24	08-10-24	08-10-24	08-11-24	08-11-24	08-11-24	08-11-24	08-11-24
Station	UND	UNE	UNC	UNF	UNG	UNJ	UNI	MKE	MKC	MKB	MKF	MKK	MKJ
Longitude Start (W)	166°28.75'	166°30.18'	166°36.15'	166°31.48'	166°26.20'	166°29.82'	166°36.85'	166°56.98'	166°51.06'	166°47.12'	167°00.65'	167°10.61'	167°07.19'
Latitude Start (N)	53°56.65'	53°56.57'	53°55.03'	53°58.13'	53°59.58'	54°01.85'	54°01.64'	53°43.83'	53°42.96'	53°42.05'	53°44.38'	53°43.64'	53°43.13'
Heading, Degrees	10	360	348	23	242	179	114	87	278	318	249	127	90
Average Depth (m)	80.46	111.5	138.9	153.6	89.6	170	85.94	201.1	179.2	102.4	197.5	122.5	129.8
Distance Fished (km)	1.129	1.129	1.833	1.87	1.944	1.852	1.24	1.852	1.87	1.685	1.833	1.87	0.944
Haul	266	267	268	269	270	271	272	273	274	275	276	277	
Location	Makush.	Kalekta	Beav. Inlet	Beav. Inlet	Beav. Inlet	Beav. Inlet	Beav. Inlet	Akutan	Akutan	Akutan	Akutan	Akutan	
Month/Day/Year	08-11-24	08-12-24	08-12-24	08-12-24	08-12-24	08-13-24	08-13-24	08-13-24	08-13-24	08-13-24	08-13-24	08-13-24	
Station	MKN	KAA	BIN	BIK	BIG	BIB	BID	AKA	AKC	AKD	AKG	AKL	
Longitude Start (W)	167°06.81'	166°19.77'	166°10.69'	166°18.01'	166°21.84'	166°30.84'	166°26.78'	165°42.05'	165°42.71'	165°42.14'	165°44.89'	165°44.56'	
Latitude Start (N)	53°40.64'	53°58.40'	53°49.99'	53°50.77'	53°48.44'	53°44.02'	53°46.29'	54°08.73'	54°10.58'	54°11.31'	54°13.52'	54°15.17'	
Heading, Degrees	311	18	319	234	235	47	50	29	353	356	344	355	
Average Depth (m)	135.3	84.12	62.17	292.5	256	175.5	248.7	73.14	89.6	87.77	98.75	104.2	
Distance Fished (km)	1.852	1.666	1.074	1.87	1.852	1.87	1.87	1.796	1.87	1.852	1.074	1.129	