

Table 1: 1997 MMS Shelikof Strait and Outermost Cook Inlet Stations

Station ID	Station Type	Latitude	Longitude	Depth (m)	Date	Time	Organics	Metals	Grain Size	TOC	RGS-P450	Toxicity	AVS/SEM	Core	SPI	Fish/P450	CTD	QC	Comments
Homer Harbor	Fixed-Source	59°36.37	151°19.94	39	07/16/97	0656	2	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1 sample @ 0-2 cm, 1 sample @ 4-6 cm
Z0-F1	Fixed	59°36.30	151°20.12	75	07/16/97	0429-0526	3	3	3	3	1	1	1	4	1	NS	1	3	1 Archive Core & 1 Gravity Core
Z0-F2	Fixed	59°31.55	151°41.88	101	07/15/97	2352-0055	3	3	3	3	1	1	1	NS	NS	NS	1	NS	
Z0-F3	Fixed	59°10.00	152°13.83	126	07/15/97	1759	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Abandoned due to coarse substrate
Z0-F4	Fixed	59°01.79	152°45.59	162	07/15/97	0112-0336	3	3	3	3	1	1	1	1	1	NA	1	NS	1 Archive Core
Z0-F5	Fixed	58°08.66	153°28.11	42	07/15/97	0506-0622	3	3	3	3	1	1	1	3	1	NS	1	NS	1 Archive Core & 1 Chem Core
Z0-F6	Fixed	59°34.8	153°14.41	28	07/15/97	1125-1245	3	3	3	3	1	1	1	3	1	NS	1	NS	CTD from station Z0-F6a; 1 Archive Core & 1 Chem Core
Z0-F6a	Fixed	59°36.69	153°15.22	21	07/15/97	1100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Station abandoned due to coarse sand and some silt.
Z0-F7	Fixed	59°25.72	152°19.06	72	07/15/97	1554	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Station abandoned due to coarse sand and shell substrate.
Z0-F7a	Fixed-Long-line	59°23.72	152°21.41	75	07/15/97	1527-2100	6	6	NS	NS	6	NS	NS	NS	NS	29	NS	NS	29 halibut for P450
Z0-F8	Fixed	59°31.23	153°07.70	37	07/15/97	0925-1017	3	3	3	3	1	1	1	NS	1	NS	1	1	No box core due to coarser grained sediment below surface. Equipment blank DI water rinse of the grab sampler.
Z0-F9	Fixed Alternate	59°22.03	152°22.05	78	07/15/97	1632	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Station abandoned due to coarse sediment.
Z0-F10	Fixed Alternate	59°09.94	152°24.04	108	07/15/97	2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Station abandoned due to coarse substrate.
Z0-F12	Fixed Alternate	59°33.00	152°01.94	44	07/15/97	2244	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Station abandoned due to shell hash. Two new stations selected: Z0-F13 and Z0-F14.
Z0-F13	Fixed Alternate	59°34.34	151°38.06	76	07/16/97	0125-0212	3	3	3	3	1	1	1	NS	1	NS	1	NS	
Z0-F14	Fixed Alternate	59°33.63	151°31.94	125	07/16/97	0241-0332	3	3	3	3	1	1	1	NS	1	NS	1	NS	
Z1-F1	Fixed	58°27.72	153°23.21	195	07/13/97	1751 - 2108	3	3	3	3	1	1	1	4	1	NS	1	NS	AVS/SEM from Rep. 1; Tox. and RGS from composite of all 3 reps; 1 Chem, 1 Archive, and 1 Gravity Core.
Z1-F2	Fixed	58°32.66	152°52.19	215	07/09/97	0121	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Station abandoned due to washouts, sand, shell fragments, and/or mud for both grab attempts.Transit to Zone 2, F2.
Z1-F2	Fixed Alternate	58°31.67	152°53.16	215	07/14/97	0953-1130	3	3	3	3	1	1	1	3	1	NS	1	NS	Second attempt at station, position moved to obtain more favorable bottom substrate.
Z1-R1	Random	58°49.12	152°55.29	152	07/14/97	1447-1522	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z1-R2	Random	58°51.68	152°55.55	162	07/14/97	1543-1622	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z1-R3	Random	58°48.98	153°05.46	172	07/14/97	1802-1845	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z1-R3a	Random, long- line	58°48.41	153°09.16	197	07/14/97	1721-2154	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	No fish samples collected from catch. Not enough replicates for composites. Arrowtooth flounder heavily "eaten" by amphipods.
Z1-R4	Random	58°29.98	153°46.99	51	07/14/97	0408-0435	1	1	1	1	1	NS	1	NS	1	NS	1	NS	
Z1-R5	Random	58°43.59	153°11.42	172	07/14/97	1256-1340	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z1-R6	Random	58°27.53	153°21.29	180	07/13/97	1655-1726	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z1-R7	Random	58°30.24	153°31.56	141	07/14/97	0032-0124	1	1	1	1	1	1	1	NS	1	NS	1	NS	
Z1-R8	Random	58°30.13	153°15.72	175	07/14/97	0710-0745	1	1	1	1	1	NS	1	NS	1	NS	1	NS	
Z1-R9	Random	58°30.31	153°05.75	171	07/14/97	0824-0858	1	NS	NS	NS	NS	NS	NS	NS	1	NS	1	1	Deck exposure blank collected due to "forest fire smoke smell" in air
Z1-R10	Random	58°27.55	153°26.39	115	07/13/97	2121	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Station abandoned due to bottom type, sand/shell/cobble with some silt.

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Z1-R11	Random	58°54.35	153°11.15	162	07/14/97	1948	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Station abandoned due to sand content. Transit to Z1-R20.
Z1-R12	Random	58°32.87	153°31.69	122	07/14/97	0548-0559	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z1-R13	Random	58°22.20	153°15.84	178	07/13/97	1516-1620	1	1	1	1	1	1	1	NS	1	NS	1	NS	
Z1-R14	Random	58°30.02	153°36.81	130	07/14/97	0155-0240	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z1-R15	Random	58°30.20	153°26.64	156	07/13/97	2345-2359	7	7	7	7	NS	NS	NS	NS	1	NS	1	NS	
Z1-R18	Random; Alternate for Z1-R10	58°27.35	153°41.84	144	07/14/97	0259-0340	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z1-R20	Random; Alternate for Z1-R11	58°54.47	153°05.79	171	07/14/97	2018-2058	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	Replaces Z1-R11
Z2-F1	Fixed	57°58.96	154°21.43	287	07/12/97	1832-2030	3	3	3	3	1	1	1	3	1	NS	1	NS	1 Archive & 1 Chem. Core; Grab 1 = Rep 1, Grab 2 = Rep 2, and Box Core = Rep 3
Z2-F2	Fixed Alternate	58°06.05	153°41.16	206	07/09/97	1036-1340	3	3	3	3	1	1	1	3	1	NS	1	NS	Station Z2-R18 was chosen as the alternate position for Z2-F2. 1 Archive & 1 Chem. Core; Reps 1 and 2 from grab; rep 3 from box core
Z2-F2	Fixed	58°06.03	153°34.77	255	07/09/97	0655	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Station abandoned due to coarse "shell" sand, washout. Move to Z2-R18 as alternate location for Z2-F2.
Z2-R1	Random	57°54.21	154°42.00	269	07/12/97	1546-1706	3	3	3	3	1	1	1	NS	1	NS	1	NS	
Z2-R2	Random	58°19.29	153°31.32	170	07/13/97	1148-1347	7	7	7	7	NS	NS	NS	NS	1	NS	1	NS	
Z2-R3	Random	57°49.07	154°26.81	222	07/09/97	2024-2045	1	1	1	1	NS	NS	NS	NS	3	NS	1	NS	
Z2-R4	Random	58°21.72	153°42.10	181	07/13/97	1041-1100	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z2-R05	Random	57°49.15	154°41.52	240	07/10/97	1204	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z2-R6	Random	58°21.75	153°46.87	200	07/13/97	0920-1000	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z2-R7	Random	58°05.76	154°01.67	216	07/09/97	1510	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z2-R8	Random	58°00.40	154°01.32	203	07/09/97	1644-1720	1	1	1	1	NS	NS	NS	NS	3	NS	1	NS	
Z2-R9	Random	58°10.88	153°41.41	198	07/12/97	2316-2332	1	1	1	1	NS	NS	NS	NS	NS	NS	1	NS	
Z2-R10	Random	57°46.43	154°31.86	210	07/09/97	2244-2314	1	1	1	1	NS	NS	NS	NS	3	NS	1	NS	
Z2-R11	Random	57°46.41	154°26.59	214	07/09/97	2125-2158	1	1	1	1	NS	NS	NS	NS	3	NS	1	NS	
Z2-R12	Random	58°16.23	153°57.26	237	07/13/97	0056-0128	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	No samples; over 50% gravel and sand
Z2-R13	Random	58°16.33	154°02.14	156	07/12/97	0150-0254	3	3	3	3	1	1	NS	NS	1	NS	1	NS	
Z2-R14	Random	58°16.55	153°52.10	217	07/13/97	0331-0418	1	1	1	1	1	NS	1	NS	1	NS	1	NS	
Z2-R14a	Random, long-line	58°16.72	153°54.40	256-265	07/13/97	0033-0555	5	5	NA	NA	5	NA	NA	NA	NA	20	NA	1	16 halibut and 4 Arrowtooth for P450
Z2-R15	Random	58°18.87	153°52.24	240	07/13/97	0644-0734	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z2-R22	Random; Alternate for Z2-R12	58°21.71	153°51.90	237	07/13/97	0824-0852	1	1	1	1	1	NS	1	NS	1	NS	1	NS	
Z3-F1	Fixed	57°36.72	155°21.03	336	07/10/97	0707-0942	3	3	3	3	1	1	1	3	3	NS	1	NS	1 Archive and 1 Chem. Core
Z3-F2	Fixed	57°46.56	154°59.82	320	07/10/97	0244-0443	3	3	3	3	1	1	1	3	1	NS	1	NS	1 Archive and 1 Organics Core
Z3-R1	Random	57°23.86	155°40.47	284	07/10/97	1335-1518	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	

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Z3-R1a	Random, long-line	57°22.75	155°37.11	280	07/10/97	1311-1740	2	2	NS	NS	2	NS	NS	NS	NS	14	NS	NS	5 sablefish, 7 halibut, and 1 arrowtooth flounder for P450. Composite liver samples of sablefish and halibut for chemistry (1 each)
Z3-R2	Random	57°38.19	155°01.27	244	07/11/97	1554-1628	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z3-R3	Random	57°15.77	155°39.97	280	07/12/97	0600-0655	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z3-R4	Random	57°38.14	154°56.49	232	07/11/97	1431-1512	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z3-R5	Random	57°21.18	155°35.39	297	07/10/97	1855-1941	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Station abandoned due to weather. Returned 07/12/97.
Z3-R5	Random	57°21.27	155°35.05	292	07/12/97	0751-0840	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	Resampling of Z3-R5 after abandoning station 7/10/97 due to weather conditions.
Z3-R6	Random	57°37.76	155°16.67	309	07/10/97	1025-1105	1	1	1	1	NS	NS	NS	NS	3	NS	1	NS	
Z3-R8	Random	57°13.24	155°24.91	257	07/12/97	0056-0130	1	1	1	1	1	NS	1	NS	1	NS	1	NS	
Z3-R9	Random	57°38.20	154°45.97	229	07/11/97	1921-1937	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z3-R10	Random	57°35.50	154°56.12	232	07/11/97	1718-1756	1	1	1	1	1	NS	1	NS	3	NS	1	NS	
Z3-R11	Random	57°10.58	155°29.54	263	07/12/97	0213-0315	1	1	1	1	1	1	1	NS	1	NS	1	NS	
Z3-R12	Random	57°13.39	155°19.68	250	07/11/97	2337-0016	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z3-R13	Random	57°21.32	155°29.78	282	07/12/97	0924-1035	7	7	7	7	NS	NS	NS	NS	1	NS	1	1	Reps 1 & 2 from Grab 1; Reps 3 & 4 from Grabe 2; Reps 5, 6, & 7 from Grab 3. Equipment blank was DI water rinse of deconed grab sampler.
Z3-R14	Random	57°16.03	155°29.94	268	07/12/97	0412-0505	3	3	3	3	1	1	1	NS	1	NS	1	NS	
Z3-R15	Random	57°21.38	155°25.20	269	07/12/97	1100-1145	1	1	1	1	NS	NS	NS	NS	1	NS	1	NS	
Z3-R20	Random; Alternate for Z3-R7	57°29.91	155°05.77	242	07/11/97	2127	3	3	3	3	1	NS	1	NS	NS	NS	1	NS	Z3-R20 designated random alternate for Z3-R7 due to transit time and expected weather.