



HOKKAIDO UNIVERSITY

Title	7. The "Ushio Maru" Cruise 264, 265, 266 in August-September 2012
Citation	海洋調査漁業試験要報, 56, 185-202
Issue Date	2015-03-31
Doc URL	https://hdl.handle.net/2115/77458
Type	dataset
File Information	Data.Rec.Oceanogr.Obs.Expl.Fish.56.185.pdf



THE " USHIO MARU "

CRUISE 264

CRUISE 265

CRUISE 266

IN AUGUST - SEPTEMBER 2012

1. Cruise Itinerary

Cruise 264

Departure from Hakodate	Aug. 20, 2012
Arrival at Mori	20
Departure from Mori	21
Start hydrographic research (US12519) and trawl net research	21
Arrival at Mori	21
Departure from Mori	22
Finish trawl net research	22
Arrival at Mori	22
Departure from Mori	23
Sampling by sledge net and retrieval mooring ADCP system	23
Arrival at Mori	23
Departure from Mori	24
Set mooring ADCP system	24
Arrival at Usujiri	25
Departure from Usujiri	26
Arrival at Hakodate	28
Departure from Hakodate	29
Finish hydrographic research (US12566)	30
Return to Hakodate	31
Total coverage 638.8 miles	

Cruise 265

Departure from Hakodate	Sep. 4, 2012
Start hydrographic research (US12567) and trawl net research	4
Arrival at Aomori	4
Departure from Aomori	5
Arrival at Noheji	5
Departure from Noheji	6
Finish trawl net research	6
Finish hydrographic research (US12603)	7
Arrival at Hakodate	7
Departure from Hkodate	9
Arrival at Matsumae	10
Departure from Matsumae	11
Practical training in Scuba	11
Return to Hakodate	12
Total coverage 383.3 miles	

Cruise 266

Departure from Hakodate	Sep. 17, 2012
Arrival at Hakodate	18
Departure from Hakodate	19
Start hydrographic research (US12604)	19
Arrival at Nemuro	21
Departure from Nemuro	22
Arrival at and departure from Nemuro	23
Arrival at Kushiro	24
Departure from Kushiro	26
Finish hydrographic research (US12650)	26
Return to Hakodate	27
Total coverage 1035.4 miles	

2. Data on Temperature, Salinity and Computed Dynamic Depth Anomaly

Hydrographic work on deck and the data processing were made by the deck officers, crews, research staff and cadets of the “Ushio Maru”. Temperature and salinity were measured by CTD (Seabird SBE-9Plus and SBE-19). Dynamic computations were made using a desk-top computer aboard the “Ushio Maru”.

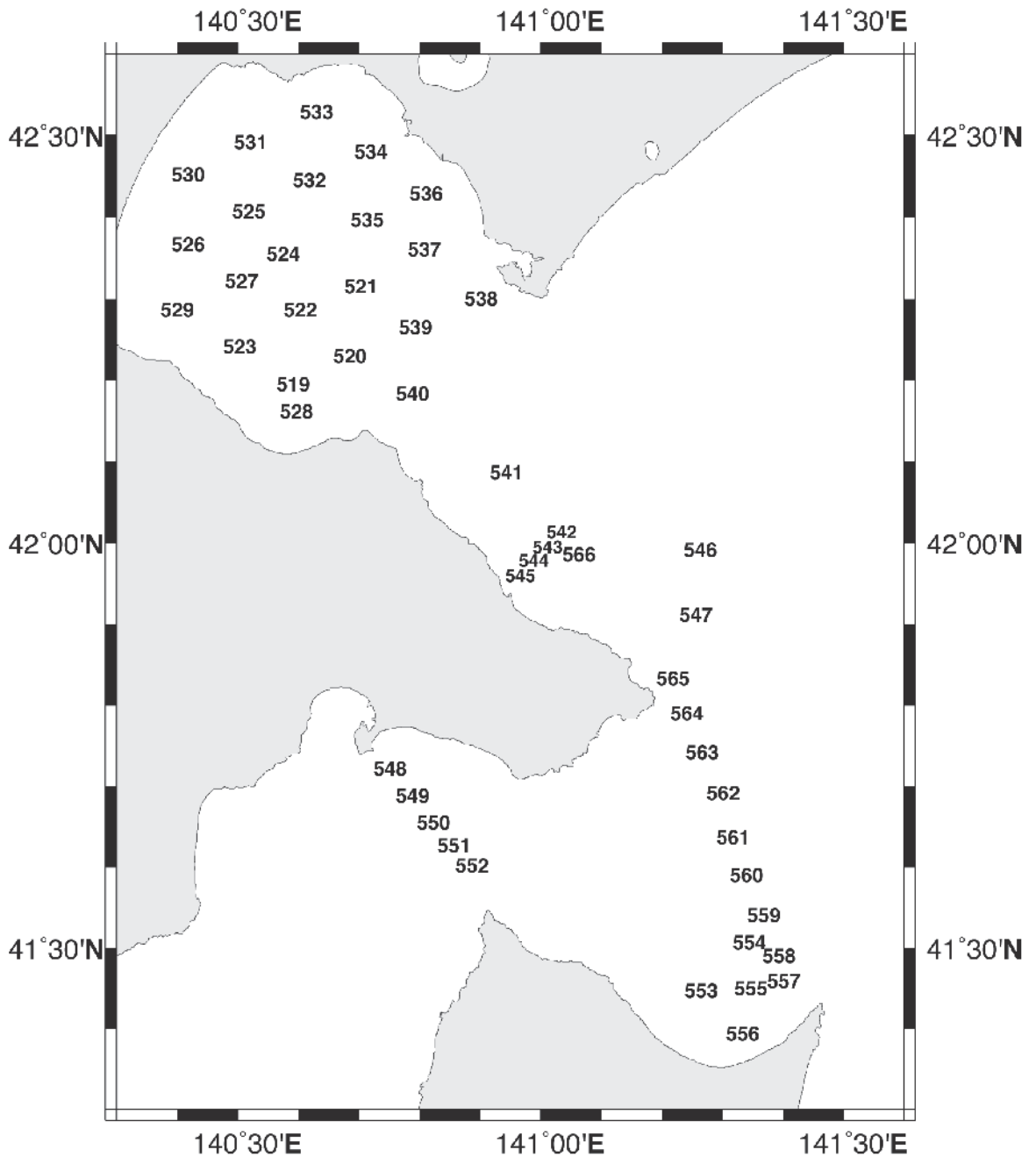


Figure 1. Oceanographic stations (Cruise 264)

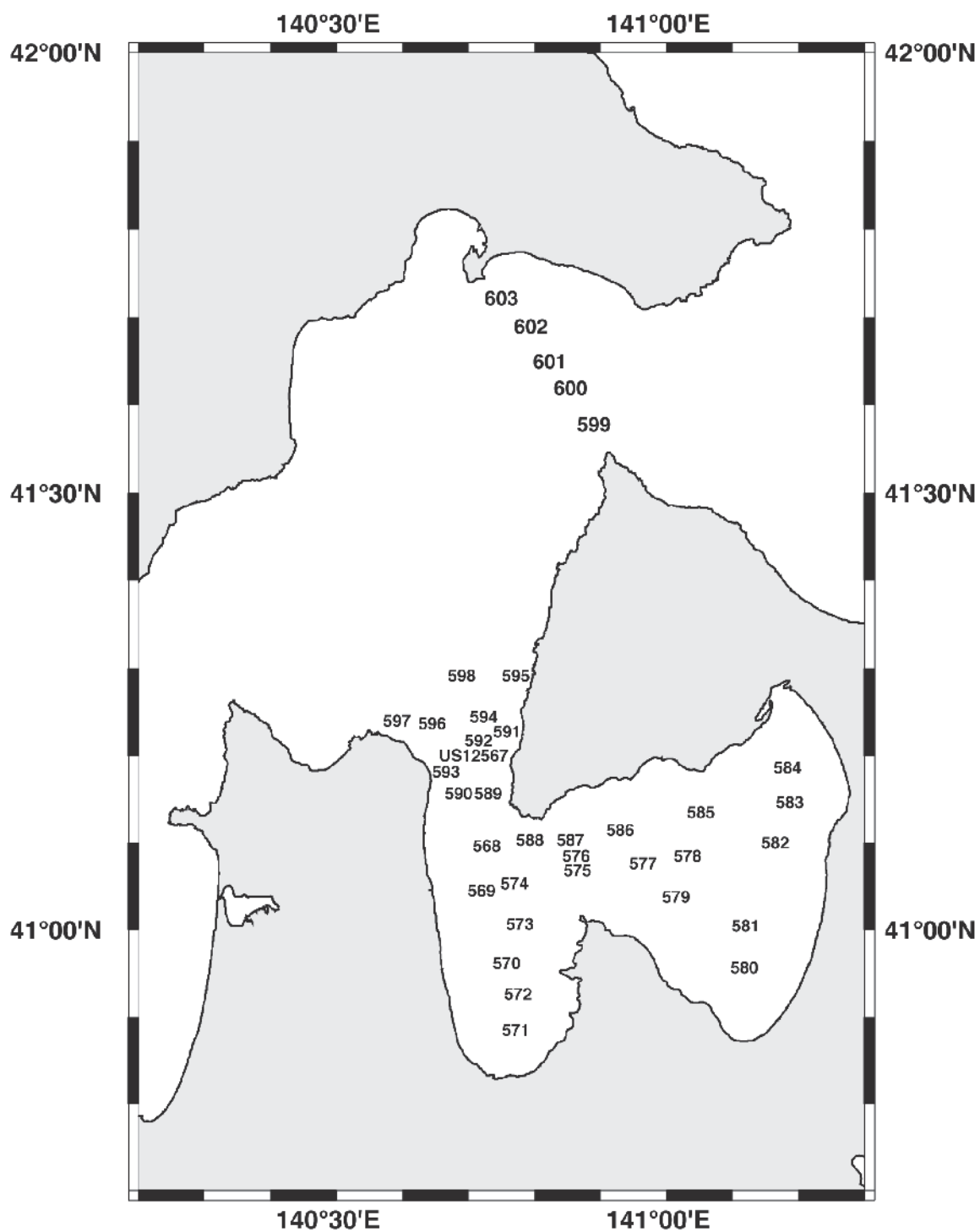


Figure 2. Oceanographic stations (Cruise 265)

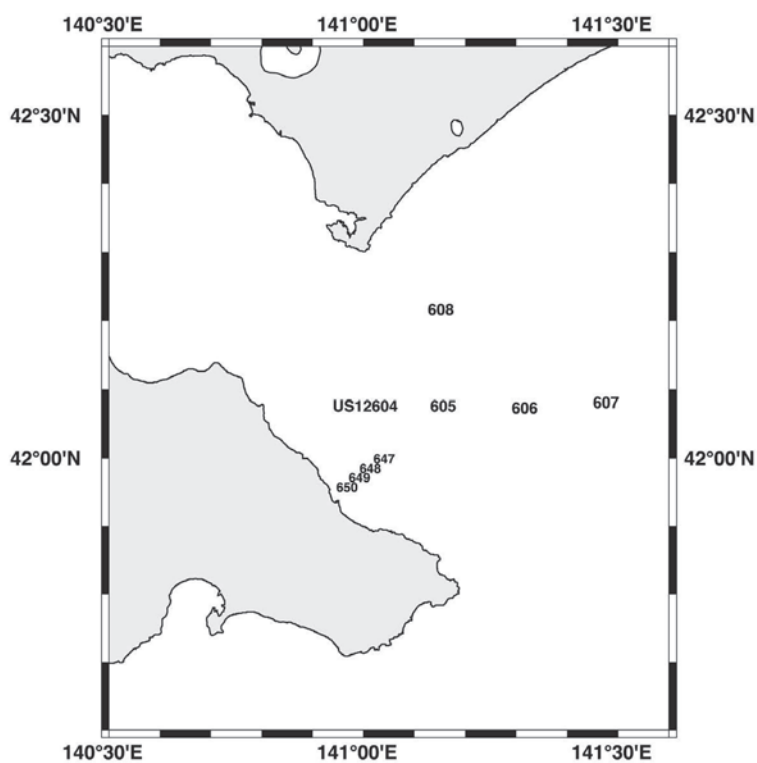


Figure 3. Oceanographic stations (Cruise 266-1)

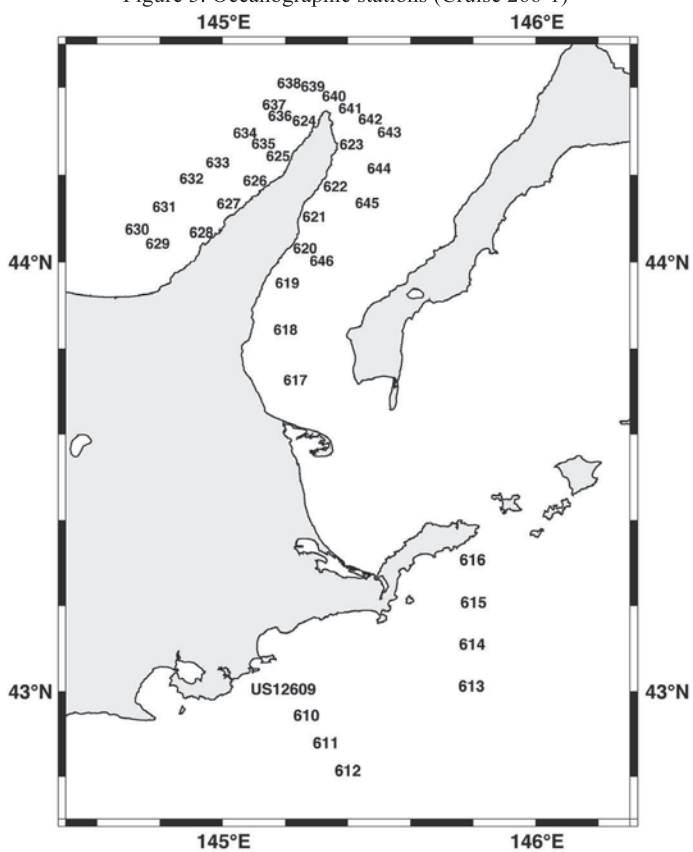


Figure 4. Oceanographic stations (Cruise 266-2)

Table 1. List of Oceanographic Station

Cruise 264												
Station	Lat. (N)*	Long. (E)*	Date	S.M.T.	Depth (m)	Wave	Swell	Wind	Air Temp.	Sea Temp.	Wr.	Bar. (hPa)
US12519	42-11.2	140-35.5	8/21	0625-0630	80	ESE-1	ESE-1	ESE-3	25.3	22.7	bc	1015.6
US12520	42-13.3	140-41.1	8/21	0758-0802	88	East-2	East-1	East-4	25.1	22.7	bc	1015.6
US12521	42-18.4	140-42.2	8/21	0908-0912	63	East-2	East-1	East-4	24.5	22.5	bc	1015.7
US12522	42-16.7	140-36.2	8/21	1025-1029	89	ESE-2	East-1	ESE-4	26.5	22.9	bc	1015.7
US12523	42-14.0	140-30.2	8/21	1200-1204	78	East-2	East-1	East-4	26.8	23.2	bc	1015.7
US12524	42-20.8	140-34.5	8/22	0839-0843	92	SE -2	East-1	SE -4	23.0	22.9	bc	1015.6
US12525	42-23.9	140-31.1	8/22	0926-0930	94	SE -1	East-1	SE -2	27.0	22.9	o	1015.6
US12526	42-21.5	140-25.1	8/22	1656-1100	69	SE -1	East-1	SE -2	24.0	23.3	o	1015.6
US12527	42-18.8	140-30.4	8/22	1216-1221	92	SE -1	East-1	SE -3	24.4	23.0	c	1015.1
US12528	42-09.2	140-35.8	8/23	1309-1313	67	Calm	East-1	Calm	28.7	23.0	c	1018.2
US12529	42-16.7	140-24.0	8/24	0913-0916	52	ESE-1	East-1	ESE-3	25.9	23.4	o	1021.0
US12530	42-26.6	140-25.1	8/24	1020-1024	60	East-1	East-1	East-3	23.6	23.9	o	1020.9
US12531	42-29.0	140-31.3	8/24	1100-1104	71	ESE-2	East-1	ESE-4	23.5	23.3	r	1020.7
US12532	42-26.2	140-37.1	8/24	1140-1147	82	ESE-2	East-1	ESE-4	24.9	23.2	o	1020.6
US12533	42-31.2	140-37.8	8/24	1247-1250	58	South-1	ESE-1	South-2	24.8	23.2	o	10211.1
US12534	42-28.3	140-43.2	8/24	1326-1330	58	SE -1	ESE-1	SE -3	24.1	23.6	r	1021.0
US12535	42-23.3	140-42.8	8/24	1406-1410	58	SE -1	ESE-1	SE -3	24.0	23.8	o	1021.0
US12536	42-25.2	140-48.7	8/24	1442-1445	42	SE -2	SE -1	SE -4	23.1	23.4	o	1020.7
US12537	42-21.1	140-48.5	8/24	1513-1516	50	ESE-2	SE -1	ESE-4	23.7	23.5	o	1020.6
US12538	42-17.5	140-54.1	8/25	0626-0629	55	ESE-1	SE -1	ESE-3	22.8	23.4	o	1020.9
US12539	42-15.4	140-47.6	8/25	0709-0713	70	East-1	SE -1	East-2	23.8	23.4	o	1021.1
US12540	42-10.5	140-47.3	8/25	0746-0750	91	East-1	East-1	East-3	23.5	22.8	o	1021.0
US12541	42-04.7	140-56.6	8/25	0845-0849	83	East-1	East-1	East-3	22.5	22.0	o	1021.0
US12542	41-59.5	141-01.7	8/25	0932-0936	98	East-1	East-1	East-3	23.0	22.1	o	1021.0
US12543	41-58.8	141-00.5	8/25	0943-0947	92	East-1	East-1	East-3	23.4	22.1	o	1021.0
US12544	41-58.1	140-59.3	8/25	0954-0958	84	East-1	East-1	East-2	23.5	22.2	o	1021.0
US12545	41-57.3	140-58.0	8/25	1005-1009	74	East-1	East-1	East-2	22.6	22.1	o	1021.0
US12546	41-59.0	141-15.8	8/26	1828-1840	259	SSE-1	East-1	SSE-3	23.0	22.4	o	1016.1
US12547	41-54.2	141-15.4	8/27	1932-1940	253	West-1	East-1	West-2	25.2	22.2	bc	1018.2
US12548	41-42.8	140-45.1	8/29	0916-0920	83	East-2	East-1	East-4	27.1	24.9	bc	1014.7
US12549	41-40.8	140-47.3	8/29	0937-0945	220	East-2	East-1	East-4	26.9	24.4	c	1014.7
US12550	41-38.8	140-49.4	8/29	1001-1012	298	East-2	East-1	East-4	27.2	25.7	c	1014.6
US12551	41-37.1	140-51.4	8/29	1028-1033	98	East-2	East-1	East-4	27.7	26.4	bc	1014.6
US12552	41-35.6	140-53.2	8/29	1047-1050	50	East-3	ENE-1	East-5	27.6	27.0	bc	1014.1
US12553	41-26.3	141-15.9	8/29	1246-1256	79	East-1	NE -1	East-3	27.3	22.1	bc	1013.7
US12554	41-29.9	141-20.7	8/29	1354-1401	227	ESE-2	ENE-1	ESE-4	25.5	23.2	c	1013.2
US12555	41-26.6	141-21.0	8/29	1424-1428	72	ESE-2	NE -1	ESE-4	26.8	23.2	c	1013.1
US12556	41-23.1	141-20.0	8/30	0448-0451	29	South-1	NE -1	South-3	27.0	23.9	bc	1011.5
US12557	41-27.0	141-24.1	8/30	0545-0551	45	South-1	ENE-1	South-3	26.7	23.2	bc	1011.6
US12558	41-28.9	141-23.6	8/30	0605-0614	88	South-2	SE -1	South-3	27.1	23.0	bc	1011.8
US12559	41-31.9	141-22.1	8/30	0640-0659	249	South-1	SE -1	South-2	27.8	22.2	bc	1011.9
US12560	41-34.9	141-20.4	8/30	0756-0818	314	South-1	East-1	South-3	27.9	23.4	bc	1011.7
US12561	41-37.7	141-19.1	8/30	0839-0855	212	South-1	East-1	South-3	29.9	23.2	bc	1011.7
US12562	41-41.0	141-18.1	8/30	0917-0936	230	SSW-1	East-1	SSW-3	29.3	23.3	bc	1011.7
US12563	41-44.0	141-16.0	8/30	1001-1019	227	Calm	East-1	Calm	31.1	23.2	c	1011.8
US12564	41-46.9	141-14.5	8/30	1041-1057	197	SW -1	East-1	SW -4	29.3	24.3	bc	1011.7
US12565	41-49.5	141-13.1	8/30	1118-1131	175	SW -2	SE -1	SE -4	27.2	19.5	bc	1011.0
US12566	41-59.1	141-02.8	8/30	1902-1908	105	Calm	SE -1	Calm	26.7	24.2	bc	1011.4
Cruise 265												
Station	Lat. (N)*	Long. (E)*	Date	S.M.T.	Depth (m)	Wave	Swell	Wind	Air Temp.	Sea Temp.	Wr.	Bar. (hPa)
US12567	41-11.6	140-42.5	9/4	1148-1151	71	ESE-3	SE -1	ESE-5	31.3	26.1	bc	1017.5
US12568	41-05.4	140-43.7	9/4	1307-1309	60	East-3	East-1	East-5	28.5	26.2	bc	1017.1
US12569	41-02.3	140-43.2	9/4	1423-1429	56	East-3	East-1	East-5	28.5	26.0	bc	1017.1
US12570	40-57.3	140-45.5	9/4	1505-1511	49	East-2	East-1	East-4	28.9	25.9	bc	1016.7
US12571	40-52.7	140-46.3	9/4	1638-1646	31	ENE-1	ENE-1	ENE-3	28.8	26.3	bc	1017.1
US12572	40-55.2	140-46.5	9/5	0629-0634	39	East-3	East-1	East-5	24.3	25.8	c	1019.6
US12573	41-00.0	140-46.7	9/5	0745-0751	51	East-3	East-1	East-5	24.1	25.6	o	1020.1
US12574	41-02.8	140-46.2	9/5	0901-0909	51	East-3	East-1	East-5	24.4	25.6	o	1020.6
US12575	41-03.7	140-51.9	9/5	0941-0948	49	East-3	East-1	East-5	24.7	25.5	o	1020.6
US12576	41-04.7	140-51.8	9/5	1000-1005	51	East-3	East-1	East-5	24.8	25.1	o	1020.6
US12577	41-04.2	140-57.9	9/5	1124-1130	48	East-3	East-1	East-5	24.5	25.5	o	1021.0
US12578	41-04.7	141-01.9	9/5	1206-1212	46	East-3	East-1	East-5	24.9	25.6	o	1020.7
US12579	41-01.9	141-00.9	9/5	1434-1440	47	East-3	East-1	East-5	23.8	25.1	o	1020.1
US12580	40-57.0	141-07.1	9/6	0718-0723	36	SSE-1	SSE-1	SSE-3	24.6	24.1	o	1018.0
US12581	40-59.9	141-07.2	9/6	0746-0750	42	SE -2	SE -1	SE -4	24.9	24.4	c	1017.6
US12582	41-05.6	141-09.9	9/6	0904-0909	37	SE -1	SE -1	SE -3	25.5	25.9	c	1017.6
US12583	41-08.4	141-11.2	9/6	0940-0944	33	South-1	SE -1	South-3	29.6	25.9	c	1017.6

Cruise 265 (continued)

Station	Lat. (N) [*]	Long. (E) [*]	Date	S.M.T.	Depth (m)	Wave	Swell	Wind	Air Temp.	Sea Temp.	Wr.	Bar. (hPa)
US12584	41-10.8	141-11.0	9/6	1001-1005	28	South-1	South-1	South-3	28.0	25.7	c	1017.5
US12585	41-07.7	141-03.1	9/6	1140-1144	37	South-1	South-1	South-2	28.8	25.7	c	1017.2
US12586	41-06.5	140-55.8	9/6	1238-1243	46	Calm	SE -1	Calm	29.4	25.5	c	1016.2
US12587	41-05.8	140-51.3	9/6	1312-1316	51	SW -1	SE -1	SW -2	30.0	25.6	c	1016.0
US12588	41-05.8	140-47.6	9/6	1335-1340	51	Calm	SE -1	Calm	29.6	25.9	c	1015.8
US12589	41-09.0	140-43.8	9/7	0529-0537	60	ESE-2	NNW-1	ESE-4	24.1	25.5	bc	1019.6
US12590	41-09.0	140-41.1	9/7	0600-0604	46	SW -1	NW -1	SW -3	24.3	25.3	bc	1020.1
US12591	41-13.1	140-45.7	9/7	0657-0703	62	West-1	NW -1	West-2	26.3	25.5	bc	1020.3
US12592	41-12.2	140-42.9	9/7	0723-0733	71	WSW-1	NW -1	WSW-3	26.9	25.4	bc	1020.1
US12593	41-11.2	140-39.4	9/7	0752-0758	39	WSW-1	NW -1	WSW-2	27.1	25.7	bc	1020.1
US12594	41-14.0	140-43.6	9/7	0833-0841	79	WNW-1	NW -1	WNW-2	28.6	26.1	bc	1020.6
US12595	41-17.1	140-47.1	9/7	0915-0919	37	NW -1	NW -1	NW -3	29.1	25.9	bc	1021.0
US12596	41-13.8	140-38.7	9/7	0958-1007	76	NW -1	NW -1	NW -2	27.9	26.5	bc	1021.1
US12597	41-14.0	140-35.5	9/7	1024-1030	63	NW -1	NW -1	NW -3	28.0	26.1	bc	1021.0
US12598	41-17.1	140-41.4	9/7	1110-1131	149	NW -1	NW -1	NW -2	29.9	26.8	bc	1021.1
US12599	41-34.2	140-53.4	9/7	1351-1353	23	SW -2	East-1	SW -4	30.0	26.9	bc	1020.6
US12600	41-36.7	140-51.3	9/7	1412-1416	80	SW -1	East-1	SW -3	29.1	27.6	bc	1020.1
US12601	41-38.5	140-49.4	9/7	1435-1448	317	SW -3	East-1	SW -5	28.8	26.1	bc	1020.2
US12602	41-40.9	140-47.7	9/7	1515-1523	226	SW -3	East-1	SW -5	28.0	26.2	bc	1020.1
US12603	41-42.8	140-45.0	9/7	1546-1550	83	SW -3	East-1	SW -5	27.2	26.2	bc	1020.1

Cruise 266

Station	Lat. (N) [*]	Long. (E) [*]	Date	S.M.T.	Depth (m)	Wave	Swell	Wind	Air Temp.	Sea Temp.	Wr.	Bar. (hPa)
US12604	42-04.1	141-00.2	9/19	1358-1404	81	South-1	SE -1	South-2	27.9	23.5	bc	1006.7
US12605	42-04.1	141-09.4	9/19	1449-1454	122	South-2	SE -1	South-4	26.4	22.8	bc	1006.7
US12606	42-03.9	141-19.0	9/19	1543-1555	298	South-2	SE -1	South-4	25.8	23.2	bc	1007.1
US12607	42-04.4	141-28.6	9/19	1655-1713	479	SSW-2	South-1	SSW-4	25.6	23.9	bc	1007.7
US12608	42-12.5	141-09.1	9/20	0340-0345	100	WSW-2	SE -1	WSW-4	24.0	23.9	o	1009.6
US12609	42-59.6	145-11.6	9/21	0450-0453	52	NNW-1	South-1	NNW-2	17.9	17.1	bc	1014.5
US12610	42-55.9	145-16.1	9/21	0528-0532	90	NNW-1	South-1	NNW-1	18.3	16.8	bc	1014.9
US12611	42-52.0	145-19.8	9/21	0607-0614	152	Calm	South-1	Calm	18.5	19.3	bc	1015.1
US12612	42-48.1	145-24.0	9/21	0650-0711	899	NE -1	South-1	NE -2	19.6	20.9	bc	1015.4
US12613	43-00.0	145-47.7	9/21	1012-1027	473	North-1	South-1	North-2	21.1	20.2	c	1015.6
US12614	43-05.8	145-47.8	9/21	1105-1109	108	Calm	South-1	Calm	20.2	17.7	c	1014.8
US12615	43-11.7	145-48.1	9/21	1149-1153	68	SW -1	South-1	SW -2	21.1	17.0	c	1014.8
US12616	43-17.7	145-47.9	9/21	1234-1237	29	Calm	South-1	Calm	19.3	17.3	c	1013.7
US12617	43-42.9	145-14.0	9/22	0820-0822	17	NNW-3	NW -1	NNW-5	20.5	19.2	bc	1015.1
US12618	43-49.9	145-12.1	9/22	0901-0903	43	NNW-1	NW -1	NNW-3	21.6	19.2	bc	1015.6
US12619	43-56.4	145-12.4	9/22	0942-0946	80	NE -3	NNE-1	NE -5	19.6	18.9	bc	1015.8
US12620	44-01.4	145-13.9	9/22	1015-1022	247	NE -3	NE -1	NE -5	19.8	19.3	bc	1015.6
US12621	44-05.7	145-16.3	9/22	1051-1059	267	NE -3	NE -1	NE -6	18.8	19.2	bc	1015.5
US12622	44-10.1	145-20.5	9/22	1138-1144	177	NE -2	NE -1	NE -4	19.6	19.2	bc	1015.6
US12623	44-15.5	145-22.8	9/22	1225-1228	77	NNE-2	NE -1	NNE-5	19.2	19.2	bc	1015.6
US12624	44-18.4	145-16.2	9/22	1336-1342	121	NE -1	NE -1	NE -2	21.4	20.2	bc	1015.7
US12625	44-14.3	145-12.0	9/22	1416-1420	121	NE -1	North-1	NE -3	21.9	20.4	bc	1015.7
US12626	44-10.1	145-06.8	9/22	1458-1502	115	NE -1	North-1	NE -3	20.7	20.5	bc	1015.7
US12627	44-07.3	145-01.5	9/22	1533-1537	96	NE -1	North-1	NE -3	20.9	20.0	bc	1015.7
US12628	44-03.4	144-56.0	9/22	1612-1616	54	NE -1	North-1	NE -3	20.0	20.0	bc	1015.8
US12629	44-01.9	144-47.6	9/22	1803-1806	80	East-1	North-1	East-3	19.0	20.5	bc	1015.8
US12630	44-03.8	144-43.7	9/22	1831-1842	286	East-1	North-1	East-3	19.1	20.3	bc	1015.8
US12631	44-06.9	144-48.9	9/22	1907-1921	365	East-1	North-1	East-4	18.8	19.9	bc	1016.0
US12632	44-10.8	144-54.1	9/22	1946-2000	571	South-1	North-1	South-3	19.9	19.7	bc	1016.2
US12633	44-13.0	144-59.1	9/22	2020-2036	695	SW -1	North-1	SW -3	19.1	20.0	bc	1016.2
US12634	44-16.3	145-04.9	9/22	2058-2113	813	SW -2	NE -1	SW -2	19.0	19.9	c	1016.4
US12635	44-15.4	145-08.4	9/22	2127-2140	510	ESE-2	NE -1	ESE-4	18.4	20.3	c	1016.0
US12636	44-19.1	145-12.7	9/22	2203-2217	709	East-1	NE -1	East-3	18.9	20.2	c	1016.1
US12637	44-21.0	145-09.9	9/22	2237-2251	1113	WSW-2	NE -1	WSW-3	18.6	19.2	c	1016.6
US12638	44-23.8	145-13.6	9/22	2310-2324	1195	South-1	NE -1	South-2	19.0	18.6	o	1016.2
US12639	44-23.3	145-17.6	9/22	2342-2358	790	SE -1	NE -1	SE -3	19.0	20.5	o	1015.5
US12640	44-22.2	145-21.4	9/23	0018-0023	125	SE -3	NE -1	SE -5	18.6	19.7	bc	1015.6
US12641	44-20.7	145-24.5	9/23	0041-0057	965	South-3	SE -1	South-5	17.9	19.1	bc	1015.6
US12642	44-19.0	145-28.3	9/23	0119-0136	1871	South-3	South-1	South-5	17.0	19.2	bc	1016.0
US12643	44-17.2	145-32.0	9/23	0200-0241	2080	South-3	South-1	South-5	17.6	19.1	bc	1016.1
US12644	44-12.2	145-30.0	9/23	0507-0524	2028	South-3	South-1	South-5	17.5	19.0	bc	1016.1
US12645	44-07.4	145-27.7	9/23	0600-0615	1206	South-2	South-1	South-4	17.3	18.6	c	1016.6
US12646	43-59.5	145-19.0	9/23	0715-0724	276	South-2	South-1	South-4	17.6	18.8	c	1017.0
US12647	41-59.3	141-02.3	9/26	2308-2312	102	SSW-2	East-2	SSW-4	20.0	22.8	c	1025.6
US12648	41-58.7	141-00.8	9/26	2322-2326	93	SW -1	East-2	SW -3	19.8	23.0	c	1025.4
US12649	41-58.0	140-59.5	9/26	2335-2339	85	SW -1	East-2	SW -3	19.5	23.0	c	1025.2
US12650	41-57.4	140-58.4	9/26	2346-2350	78	SW -1	East-2	SW -3	19.2	22.8	c	1025.3

(*): Fixed position by Global Positioning System

Table 2. Oceanographic data

STATION US12519			
LATITUDE 42-11.2 N			
LONGITUD 140-35.5 E			
DEPTH (m) 80			
Press.	Temp.	Salinity	Sigma-T
5	22.850	32.162	21.825
10	20.187	32.455	22.773
20	15.098	32.376	23.928
30	12.123	32.724	24.798
40	6.813	32.600	25.553
50	5.123	32.786	25.907
75	3.502	33.162	26.372

STATION US12522			
LATITUDE 42-16.7 N			
LONGITUD 140-36.2 E			
DEPTH (m) 89			
Press.	Temp.	Salinity	Sigma-T
5	22.469	32.144	21.919
10	21.417	32.999	22.859
20	16.067	32.826	24.061
30	11.992	33.002	25.038
40	6.314	32.608	25.624
50	4.414	32.817	26.008
75	3.563	33.209	26.404

STATION US12525			
LATITUDE 42-23.9 N			
LONGITUD 140-31.1 E			
DEPTH (m) 94			
Press.	Temp.	Salinity	Sigma-T
5	22.714	32.166	21.867
10	22.071	32.523	22.317
20	15.730	32.788	24.106
30	11.334	32.873	25.059
40	8.468	33.019	25.648
50	4.544	32.731	25.926
75	3.774	33.194	26.372

STATION US12528			
LATITUDE 42-09.2 N			
LONGITUD 140-35.8 E			
DEPTH (m) 67			
Press.	Temp.	Salinity	Sigma-T
5	22.663	31.803	21.606
10	20.209	32.249	22.610
20	16.838	32.811	23.872
30	11.648	32.659	24.836
40	7.041	32.543	25.478
50	5.416	32.818	25.898

STATION US12531			
LATITUDE 42-29.0 N			
LONGITUD 140-31.3 E			
DEPTH (m) 71			
Press.	Temp.	Salinity	Sigma-T
5	23.491	31.837	21.396
10	21.492	32.473	22.438
20	15.885	32.519	23.865
30	10.871	32.699	25.007
40	8.684	33.151	25.719
50	4.440	32.802	25.993

STATION US12520			
LATITUDE 42-13.3 N			
LONGITUD 140-41.1 E			
DEPTH (m) 88			
Press.	Temp.	Salinity	Sigma-T
5	22.440	31.995	21.814
10	21.425	32.855	22.747
20	18.336	33.181	23.797
30	13.883	32.632	24.381
40	6.980	32.530	25.476
50	4.830	32.777	25.932
75	3.677	33.184	26.373

STATION US12523			
LATITUDE 42-14.0 N			
LONGITUD 140-30.2 E			
DEPTH (m) 78			
Press.	Temp.	Salinity	Sigma-T
5	23.306	31.793	21.416
10	21.358	32.766	22.698
20	14.464	32.490	24.151
30	11.307	32.960	25.133
40	5.241	32.539	25.697
50	4.224	32.816	26.026
75	3.578	33.115	26.328

STATION US12526			
LATITUDE 42-21.5 N			
LONGITUD 140-25.1 E			
DEPTH (m) 69			
Press.	Temp.	Salinity	Sigma-T
5	22.449	31.925	21.758
10	21.947	32.292	22.177
20	14.911	32.427	24.008
30	9.912	32.506	25.019
40	7.702	32.835	25.617
50	4.806	32.754	25.916

STATION US12529			
LATITUDE 42-16.7 N			
LONGITUD 140-24.0 E			
DEPTH (m) 52			
Press.	Temp.	Salinity	Sigma-T
5	23.536	31.752	21.319
10	21.970	32.313	22.186
20	14.910	32.257	23.878
30	12.266	32.671	24.731
40	6.631	32.592	25.571

STATION US12532			
LATITUDE 42-26.2 N			
LONGITUD 140-37.1 E			
DEPTH (m) 82			
Press.	Temp.	Salinity	Sigma-T
5	23.467	31.822	21.392
10	23.184	32.041	21.638
20	15.927	32.584	23.907
30	11.165	32.787	25.023
40	7.468	32.855	25.665
50	5.847	33.001	25.992
75	4.277	33.304	26.409

STATION US12521			
LATITUDE 42-18.4 N			
LONGITUD 140-42.2 E			
DEPTH (m) 63			
Press.	Temp.	Salinity	Sigma-T
5	22.496	31.801	21.652
10	21.804	32.460	22.343
20	20.842	32.987	23.004
30	15.640	32.520	23.921
40	11.622	33.281	25.324
50	7.213	33.062	25.864

STATION US12524			
LATITUDE 42-20.8 N			
LONGITUD 140-34.5 E			
DEPTH (m) 92			
Press.	Temp.	Salinity	Sigma-T
5	22.776	32.077	21.782
10	20.658	32.341	22.562
20	15.483	32.293	23.781
30	12.767	33.035	24.916
40	7.909	32.837	25.588
50	5.263	32.802	25.903
75	3.651	33.195	26.385

STATION US12527			
LATITUDE 42-18.8 N			
LONGITUD 140-30.4 E			
DEPTH (m) 92			
Press.	Temp.	Salinity	Sigma-T
5	22.803	32.151	21.831
10	20.087	32.670	22.963
20	13.428	32.603	24.452
30	8.847	32.515	25.196
40	5.386	32.591	25.722
50	4.773	32.900	26.035
75	3.580	33.174	26.375

STATION US12530			
LATITUDE 42-26.6 N			
LONGITUD 140-25.1 E			
DEPTH (m) 60			
Press.	Temp.	Salinity	Sigma-T
5	23.511	31.992	21.508
10	21.823	32.604	22.447
20	15.214	32.263	23.816
30	10.435	32.319	24.786
40	7.997	32.712	25.478
50	4.880	32.715	25.877

STATION US12533			
LATITUDE 42-31.2 N			
LONGITUD 140-37.8 E			
DEPTH (m) 58			
Press.	Temp.	Salinity	Sigma-T
5	23.650	31.666	21.222
10	21.706	32.612	22.485
20	16.976	32.771	23.809
30	13.112	33.187	24.966
40	11.101	33.604	25.671
50	8.257	33.288	25.892

STATION US12534			
LATITUDE 42-28.3 N			
LONGITUD 140-43.2 E			
DEPTH (m) 58			
Press.	Temp.	Salinity	Sigma-T
5	23.684	31.716	21.249
10	21.293	32.381	22.423
20	15.653	32.560	23.949
30	10.361	32.450	24.900
40	10.194	33.545	25.783
50	8.942	33.560	26.000

STATION US12537			
LATITUDE 42-21.1 N			
LONGITUD 140-48.5 E			
DEPTH (m) 50			
Press.	Temp.	Salinity	Sigma-T
5	23.607	31.572	21.163
10	23.393	31.577	21.228
20	20.137	32.965	23.174
30	13.459	33.030	24.775
40	11.887	33.645	25.558

STATION US12540			
LATITUDE 42-10.5 N			
LONGITUD 140-47.3 E			
DEPTH (m) 91			
Press.	Temp.	Salinity	Sigma-T
5	22.736	31.896	21.656
10	21.078	32.474	22.551
20	16.866	33.197	24.163
30	9.859	32.790	25.250
40	6.062	32.583	25.635
50	4.504	32.714	25.917
75	3.634	33.098	26.309

STATION US12543			
LATITUDE 41-58.8 N			
LONGITUD 141-00.5 E			
DEPTH (m) 92			
Press.	Temp.	Salinity	Sigma-T
5	22.141	32.541	22.311
10	20.403	33.482	23.498
20	15.941	33.657	24.728
30	12.789	33.750	25.466
40	11.307	33.975	25.922
50	9.737	33.848	26.096
75	7.762	33.787	26.356

STATION US12546			
LATITUDE 41-59.0 N			
LONGITUD 141-15.8 E			
DEPTH (m) 259			
Press.	Temp.	Salinity	Sigma-T
5	21.283	33.336	23.151
10	16.373	33.661	24.633
20	13.317	33.829	25.422
30	11.809	34.066	25.900
40	11.406	34.084	25.988
50	10.715	34.126	26.145
75	9.601	34.096	26.313
100	9.232	34.070	26.353
125	8.774	34.034	26.397
150	8.520	34.046	26.446
175	7.275	33.882	26.500
200	6.181	33.763	26.553

STATION US12535			
LATITUDE 42-23.3 N			
LONGITUD 140-42.8 E			
DEPTH (m) 58			
Press.	Temp.	Salinity	Sigma-T
5	23.699	31.592	21.151
10	22.237	31.592	21.565
20	20.221	33.160	23.301
30	13.285	32.917	24.723
40	11.613	33.576	25.555
50	10.037	33.739	25.961

STATION US12538			
LATITUDE 42-17.5 N			
LONGITUD 140-54.1 E			
DEPTH (m) 55			
Press.	Temp.	Salinity	Sigma-T
5	22.420	32.019	21.838
10	20.355	32.449	22.724
20	15.383	33.425	24.674
30	12.774	33.563	25.324
40	10.832	33.696	25.790
50	10.229	33.726	25.918

STATION US12541			
LATITUDE 42-04.7 N			
LONGITUD 140-56.6 E			
DEPTH (m) 83			
Press.	Temp.	Salinity	Sigma-T
5	22.142	32.618	22.369
10	21.469	32.994	22.840
20	17.847	33.315	24.019
30	14.094	33.759	25.209
40	11.361	33.743	25.731
50	9.837	33.792	26.036
75	6.136	33.433	26.298

STATION US12544			
LATITUDE 41-58.1 N			
LONGITUD 140-59.3 E			
DEPTH (m) 84			
Press.	Temp.	Salinity	Sigma-T
5	22.123	32.758	22.481
10	20.295	33.149	23.273
20	16.619	33.569	24.505
30	12.634	33.656	25.424
40	10.378	33.593	25.789
50	10.786	33.914	25.968
75	7.882	33.806	26.354

STATION US12547			
LATITUDE 41-54.2 N			
LONGITUD 141-15.4 E			
DEPTH (m) 253			
Press.	Temp.	Salinity	Sigma-T
5	22.411	33.362	22.859
10	21.452	33.503	23.232
20	18.370	33.843	24.295
30	14.298	34.022	25.369
40	11.025	33.692	25.753
50	11.062	34.102	26.065
75	9.731	34.103	26.297
100	9.145	34.072	26.368
125	8.685	34.079	26.447
150	7.275	33.882	26.500
175	5.766	33.704	26.557
200	4.627	33.579	26.590

STATION US12536			
LATITUDE 42-25.2 N			
LONGITUD 140-48.7 E			
DEPTH (m) 42			
Press.	Temp.	Salinity	Sigma-T
5	23.510	31.593	21.206
10	22.572	31.885	21.694
20	16.944	32.576	23.668
30	13.378	33.304	25.004
40	11.120	33.632	25.688

STATION US12539			
LATITUDE 42-15.4 N			
LONGITUD 140-47.6 E			
DEPTH (m) 70			
Press.	Temp.	Salinity	Sigma-T
5	23.577	31.603	21.195
10	22.847	31.594	21.396
20	17.638	33.051	23.867
30	12.266	33.026	25.006
40	5.916	32.669	25.722
50	4.299	32.807	26.012

STATION US12542			
LATITUDE 41-59.5 N			
LONGITUD 141-01.7 E			
DEPTH (m) 98			
Press.	Temp.	Salinity	Sigma-T
5	21.964	32.589	22.397
10	20.409	33.761	23.709
20	15.375	33.769	24.941
30	12.373	33.953	25.705
40	10.281	33.890	26.038
50	9.276	33.915	26.224
75	8.911	33.984	26.337

STATION US12545			
LATITUDE 41-57.3 N			
LONGITUD 140-58.0 E			
DEPTH (m) 74			
Press.	Temp.	Salinity	Sigma-T
5	21.770	32.881	22.672
10	20.342	33.141	23.255
20	17.476	33.434	24.200
30	14.395	33.515	24.957
40	10.773	33.579	25.709
50	6.988	33.308	26.088

STATION US12548			
LATITUDE 41-42.8 N			
LONGITUD 140-45.1 E			
DEPTH (m) 83			
Press.	Temp.	Salinity	Sigma-T
5	24.861	33.934	22.578
10	24.838	33.937	22.587
20	21.672	34.006	23.554
30	16.012	34.140	25.083
40	15.666	34.227	25.228
50	14.619	34.239	25.468
75	10.025	34.191	26.316

STATION US12549			
LATITUDE 41-40.8 N			
LONGITUD 140-47.3 E			
DEPTH (m) 220			
Press.	Temp.	Salinity	Sigma-T
5	23.940	33.960	22.871
10	23.443	33.960	23.017
20	22.395	34.014	23.358
30	18.715	34.112	24.415
40	15.441	34.175	25.239
50	14.630	34.216	25.448
75	12.450	34.232	25.907
100	10.910	34.255	26.211
125	9.876	34.233	26.374
150	9.816	34.232	26.383
175	9.823	34.233	26.383
200	9.850	34.233	26.378

STATION US12552			
LATITUDE 41-35.6 N			
LONGITUD 140-53.2 E			
DEPTH (m) 50			
Press.	Temp.	Salinity	Sigma-T
5	26.007	33.838	22.155
10	19.909	34.016	24.035
20	19.465	34.145	24.249
30	17.162	34.196	24.859

STATION US12555			
LATITUDE 41-26.6 N			
LONGITUD 141-21.0 E			
DEPTH (m) 72			
Press.	Temp.	Salinity	Sigma-T
5	23.147	33.927	23.078
10	21.531	33.935	23.539
20	20.806	33.979	23.769
30	20.050	34.018	23.999
40	19.479	34.044	24.168
50	16.520	34.112	24.945

STATION US12558			
LATITUDE 41-28.9 N			
LONGITUD 141-23.6 E			
DEPTH (m) 88			
Press.	Temp.	Salinity	Sigma-T
5	22.533	33.994	23.304
10	21.518	34.027	23.612
20	20.837	34.011	23.785
30	19.491	34.017	24.145
40	13.703	34.079	25.537
50	12.661	34.222	25.857
75	11.919	34.248	26.021

STATION US12550			
LATITUDE 41-38.8 N			
LONGITUD 140-49.4 E			
DEPTH (m) 298			
Press.	Temp.	Salinity	Sigma-T
5	26.434	33.827	22.013
10	25.366	33.827	22.344
20	23.810	33.929	22.886
30	21.017	34.030	23.751
40	16.764	34.156	24.922
50	14.701	34.219	25.434
75	13.596	34.236	25.681
100	10.401	34.213	26.269
125	9.913	34.219	26.357
150	9.265	34.205	26.453
175	9.661	34.216	26.397
200	9.328	34.209	26.446
250	9.066	34.208	26.488

STATION US12553			
LATITUDE 41-26.3 N			
LONGITUD 141-15.9 E			
DEPTH (m) 79			
Press.	Temp.	Salinity	Sigma-T
5	21.840	34.132	23.603
10	21.744	34.144	23.639
20	21.360	33.999	23.634
30	20.690	34.002	23.818
40	20.107	34.017	23.984
50	17.068	34.070	24.784

STATION US12556			
LATITUDE 41-23.1 N			
LONGITUD 141-20.0 E			
DEPTH (m) 29			
Press.	Temp.	Salinity	Sigma-T
5	23.234	33.944	23.065
10	22.745	33.957	23.216
20	21.222	33.969	23.649

STATION US12559			
LATITUDE 41-31.9 N			
LONGITUD 141-22.1 E			
DEPTH (m) 249			
Press.	Temp.	Salinity	Sigma-T
5	22.407	34.025	23.363
10	22.144	34.008	23.424
20	21.670	34.014	23.561
30	21.216	34.033	23.699
40	18.740	34.049	24.360
50	17.311	34.140	24.780
75	12.970	34.223	25.797
100	12.418	34.233	25.913
125	11.347	34.238	26.119
150	10.999	34.232	26.178
175	10.890	34.232	26.197
200	10.554	34.226	26.252

STATION US12551			
LATITUDE 41-37.1 N			
LONGITUD 140-51.4 E			
DEPTH (m) 98			
Press.	Temp.	Salinity	Sigma-T
5	24.924	33.916	22.545
10	22.956	33.992	23.182
20	19.295	34.168	24.310
30	15.511	34.249	25.280
40	14.559	34.294	25.523
50	14.920	34.311	25.458
75	14.438	34.301	25.554

STATION US12554			
LATITUDE 41-29.9 N			
LONGITUD 141-20.7 E			
DEPTH (m) 227			
Press.	Temp.	Salinity	Sigma-T
5	23.513	33.907	22.957
10	23.484	33.911	22.968
20	21.423	33.913	23.552
30	19.840	34.008	24.047
40	18.718	34.044	24.362
50	17.164	34.106	24.789
75	15.261	34.190	25.290
100	14.040	34.210	25.569
125	11.861	34.243	26.027
150	11.702	34.254	26.065
175	11.509	34.252	26.100

STATION US12557			
LATITUDE 41-27.0 N			
LONGITUD 141-24.1 E			
DEPTH (m) 45			
Press.	Temp.	Salinity	Sigma-T
5	22.234	34.013	23.403
10	20.738	33.955	23.769
20	19.403	34.023	24.172
30	18.890	34.052	24.325
40	12.459	34.271	25.935

STATION US12560			
LATITUDE 41-34.9 N			
LONGITUD 141-20.4 E			
DEPTH (m) 314			
Press.	Temp.	Salinity	Sigma-T
5	23.242	34.009	23.112
10	22.668	33.987	23.261
20	21.769	34.015	23.534
30	18.650	34.078	24.405
40	18.181	34.134	24.564
50	18.085	34.148	24.598
75	17.350	34.150	24.778
100	13.481	34.205	25.680
125	12.263	34.168	25.893
150	10.180	34.069	26.195
175	9.348	34.042	26.312
200	8.064	33.932	26.425
250	6.613	33.849	26.564
300	5.922	33.798	26.613

STATION US12561			
LATITUDE 41-37.7 N			
LONGITUD 141-19.1 E			
DEPTH (m) 212			
Press.	Temp.	Salinity	Sigma-T
5	23.216	34.054	23.154
10	22.590	33.989	23.284
20	19.751	34.064	24.113
30	18.925	34.113	24.362
40	18.716	34.123	24.423
50	18.328	34.131	24.526
75	17.683	34.131	24.684
100	13.019	34.215	25.781
125	10.896	34.128	26.115
150	9.433	34.044	26.300
175	7.481	33.901	26.486
200	3.510	33.538	26.671

STATION US12564			
LATITUDE 41-46.9 N			
LONGITUD 141-14.5 E			
DEPTH (m) 197			
Press.	Temp.	Salinity	Sigma-T
5	22.604	34.033	23.313
10	20.243	34.024	23.954
20	17.291	33.911	24.610
30	13.585	33.720	25.283
40	11.945	33.725	25.609
50	10.871	33.670	25.763
75	9.122	33.752	26.122
100	8.562	33.946	26.361
125	8.673	33.985	26.374
150	8.490	33.976	26.396
175	8.401	33.971	26.405

STATION US12567			
LATITUDE 41-11.6 N			
LONGITUD 140-42.5 E			
DEPTH (m) 71			
Press.	Temp.	Salinity	Sigma-T
5	26.367	33.404	21.716
10	26.154	33.567	21.905
20	25.149	33.731	22.337
30	23.693	33.848	22.859
40	22.691	33.932	23.212
50	20.599	34.010	23.848

STATION US12570			
LATITUDE 40-57.3 N			
LONGITUD 140-45.5 E			
DEPTH (m) 49			
Press.	Temp.	Salinity	Sigma-T
5	26.287	33.330	21.684
10	26.017	33.581	21.958
20	24.196	33.746	22.634
30	22.583	33.916	23.231
40	20.496	33.881	23.778

STATION US12573			
LATITUDE 41-00.0 N			
LONGITUD 140-46.7 E			
DEPTH (m) 51			
Press.	Temp.	Salinity	Sigma-T
5	25.469	33.103	21.766
10	25.450	33.152	21.809
20	22.671	33.824	23.136
30	21.647	33.939	23.510
40	18.918	34.067	24.329

STATION US12562			
LATITUDE 41-41.0 N			
LONGITUD 141-18.1 E			
DEPTH (m) 230			
Press.	Temp.	Salinity	Sigma-T
5	23.440	33.981	23.034
10	22.843	33.971	23.198
20	22.571	33.975	23.279
30	22.584	33.978	23.278
40	21.653	34.014	23.565
50	20.930	34.038	23.780
75	15.004	33.936	25.151
100	10.848	34.070	26.078
125	8.887	34.028	26.375
150	8.092	34.001	26.476
175	5.628	33.695	26.567
200	4.241	33.563	26.619

STATION US12565			
LATITUDE 41-49.5 N			
LONGITUD 141-13.1 E			
DEPTH (m) 175			
Press.	Temp.	Salinity	Sigma-T
5	19.355	33.605	23.865
10	18.729	33.759	24.141
20	15.532	33.192	24.462
30	13.684	33.739	25.278
40	11.033	33.588	25.670
50	9.626	33.503	25.846
75	8.600	33.643	26.118
100	7.604	33.709	26.318
125	7.377	33.725	26.362
150	7.586	33.779	26.375

STATION US12568			
LATITUDE 41-05.4 N			
LONGITUD 140-43.7 E			
DEPTH (m) 60			
Press.	Temp.	Salinity	Sigma-T
5	26.685	33.452	21.652
10	26.043	33.654	22.005
20	23.842	33.750	22.742
30	21.964	33.830	23.339
40	18.863	33.986	24.281
50	17.322	34.106	24.751

STATION US12571			
LATITUDE 40-52.7 N			
LONGITUD 140-46.3 E			
DEPTH (m) 31			
Press.	Temp.	Salinity	Sigma-T
5	26.569	33.565	21.773
10	26.176	33.671	21.976
20	25.340	33.701	22.257

STATION US12574			
LATITUDE 41-02.8 N			
LONGITUD 140-46.2 E			
DEPTH (m) 51			
Press.	Temp.	Salinity	Sigma-T
5	25.601	33.580	22.086
10	25.624	33.636	22.121
20	22.998	33.786	23.014
30	21.870	33.821	23.358
40	20.532	33.897	23.780

STATION US12563			
LATITUDE 41-44.0 N			
LONGITUD 141-16.0 E			
DEPTH (m) 227			
Press.	Temp.	Salinity	Sigma-T
5	22.566	34.358	23.571
10	21.618	34.012	23.573
20	19.929	34.049	24.055
30	19.021	34.088	24.319
40	16.686	33.999	24.820
50	13.724	33.666	25.213
75	10.752	34.104	26.122
100	9.341	34.072	26.337
125	8.716	34.033	26.406
150	8.085	33.970	26.452
175	6.950	33.846	26.516
200	4.926	33.610	26.582

STATION US12566			
LATITUDE 41-59.1 N			
LONGITUD 141-02.8 E			
DEPTH (m) 105			
Press.	Temp.	Salinity	Sigma-T
5	23.247	33.116	22.434
10	21.355	33.409	23.186
20	15.788	33.230	24.434
30	14.445	33.945	25.278
40	12.369	33.990	25.734
50	11.518	34.042	25.935
75	8.859	33.806	26.205
100	6.596	33.575	26.350

STATION US12569			
LATITUDE 41-02.3 N			
LONGITUD 140-43.2 E			
DEPTH (m) 56			
Press.	Temp.	Salinity	Sigma-T
5	26.276	33.440	21.771
10	26.108	33.705	22.023
20	22.631	33.807	23.134
30	20.660	33.927	23.769
40	19.225	34.055	24.241
50	16.713	34.107	24.896

STATION US12572			
LATITUDE 40-55.2 N			
LONGITUD 140-46.5 E			
DEPTH (m) 39			
Press.	Temp.	Salinity	Sigma-T
5	25.904	33.323	21.798
10	25.892	33.261	21.755
20	23.845	33.771	22.757
30	22.642	33.915	23.213

STATION US12575			
LATITUDE 41-03.7 N			
LONGITUD 140-51.9 E			
DEPTH (m) 49			
Press.	Temp.	Salinity	Sigma-T
5	25.014	33.264	22.026
10	25.002	33.637	22.311
20	24.274	33.799	22.651
30	22.154	33.760	23.233
40	20.605	33.861	23.733

STATION US12576			
LATITUDE 41-04.7 N			
LONGITUD 140-51.8 E			
DEPTH (m) 51			
Press.	Temp.	Salinity	Sigma-T
5	25.331	33.549	22.145
10	25.320	33.565	22.160
20	25.040	33.650	22.309
30	22.191	33.646	23.136
40	19.439	33.896	24.066

STATION US12579			
LATITUDE 41-01.9 N			
LONGITUD 141-00.9 E			
DEPTH (m) 47			
Press.	Temp.	Salinity	Sigma-T
5	25.067	33.333	22.062
10	24.977	33.409	22.146
20	22.750	33.243	22.673
30	19.835	33.388	23.575
40	17.924	33.413	24.075

STATION US12582			
LATITUDE 41-05.6 N			
LONGITUD 141-09.9 E			
DEPTH (m) 37			
Press.	Temp.	Salinity	Sigma-T
5	25.882	32.864	21.459
10	25.958	33.099	21.613
20	22.806	33.652	22.967
30	20.867	33.605	23.468

STATION US12585			
LATITUDE 41-07.7 N			
LONGITUD 141-03.1 E			
DEPTH (m) 37			
Press.	Temp.	Salinity	Sigma-T
5	25.863	33.116	21.655
10	25.490	33.211	21.841
20	24.926	33.342	22.111
30	21.257	33.611	23.367

STATION US12588			
LATITUDE 41-05.8 N			
LONGITUD 140-47.6 E			
DEPTH (m) 51			
Press.	Temp.	Salinity	Sigma-T
5	25.634	33.513	22.025
10	25.539	33.592	22.114
20	24.448	33.820	22.616
30	23.155	33.806	22.984
40	20.928	33.717	23.537

STATION US12591			
LATITUDE 41-13.1 N			
LONGITUD 140-45.7 E			
DEPTH (m) 62			
Press.	Temp.	Salinity	Sigma-T
5	25.573	33.558	22.078
10	25.316	33.610	22.195
20	23.459	33.644	22.773
30	21.664	33.804	23.403
40	20.098	33.784	23.809
50	19.185	33.782	24.044

STATION US12577			
LATITUDE 41-04.2 N			
LONGITUD 140-57.9 E			
DEPTH (m) 48			
Press.	Temp.	Salinity	Sigma-T
5	25.065	33.013	21.821
10	24.990	33.180	21.969
20	22.578	33.786	23.134
30	20.626	33.563	23.501
40	18.516	33.441	23.952

STATION US12580			
LATITUDE 40-57.0 N			
LONGITUD 141-07.1 E			
DEPTH (m) 36			
Press.	Temp.	Salinity	Sigma-T
5	24.202	33.484	22.435
10	24.200	33.483	22.435
20	21.944	33.640	23.200
30	20.428	33.556	23.548

STATION US12583			
LATITUDE 41-08.4 N			
LONGITUD 141-11.2 E			
DEPTH (m) 33			
Press.	Temp.	Salinity	Sigma-T
5	25.732	32.866	21.507
10	25.643	32.984	21.623
20	22.657	33.669	23.023
30	20.907	33.563	23.425

STATION US12586			
LATITUDE 41-06.5 N			
LONGITUD 140-55.8 E			
DEPTH (m) 46			
Press.	Temp.	Salinity	Sigma-T
5	25.560	33.125	21.755
10	25.345	33.262	21.923
20	22.847	33.238	22.642
30	21.368	33.755	23.446
40	18.553	33.434	23.936

STATION US12589			
LATITUDE 41-09.0 N			
LONGITUD 140-43.8 E			
DEPTH (m) 60			
Press.	Temp.	Salinity	Sigma-T
5	25.490	33.384	21.972
10	25.502	33.594	22.126
20	25.021	33.665	22.326
30	22.493	33.742	23.124
40	21.816	33.850	23.395
50	19.423	33.995	24.145

STATION US12592			
LATITUDE 41-12.2 N			
LONGITUD 140-42.9 E			
DEPTH (m) 71			
Press.	Temp.	Salinity	Sigma-T
5	25.321	33.398	22.033
10	25.555	33.582	22.101
20	24.712	33.705	22.449
30	24.601	33.725	22.498
40	22.911	33.857	23.092
50	20.656	33.974	23.806

STATION US12578			
LATITUDE 41-04.7 N			
LONGITUD 141-01.9 E			
DEPTH (m) 46			
Press.	Temp.	Salinity	Sigma-T
5	25.603	32.759	21.465
10	25.686	32.771	21.449
20	23.202	33.370	22.640
30	19.696	33.404	23.624
40	18.131	33.437	24.043

STATION US12581			
LATITUDE 40-59.9 N			
LONGITUD 141-07.2 E			
DEPTH (m) 42			
Press.	Temp.	Salinity	Sigma-T
5	24.296	33.258	22.236
10	24.242	33.446	22.394
20	22.930	33.705	22.972
30	19.567	33.405	23.658

STATION US12584			
LATITUDE 41-10.8 N			
LONGITUD 141-11.0 E			
DEPTH (m) 28			
Press.	Temp.	Salinity	Sigma-T
5	25.859	32.787	21.408
10	25.889	32.906	21.489
20	22.171	33.550	23.069

STATION US12587			
LATITUDE 41-05.8 N			
LONGITUD 140-51.3 E			
DEPTH (m) 51			
Press.	Temp.	Salinity	Sigma-T
5	25.971	33.607	21.992
10	25.926	33.602	22.002
20	24.806	33.760	22.463
30	22.443	33.786	23.171
40	19.375	33.630	23.879

STATION US12590			
LATITUDE 41-09.0 N			
LONGITUD 140-41.1 E			
DEPTH (m) 46			
Press.	Temp.	Salinity	Sigma-T
5	25.207	33.473	22.125
10	25.242	33.665	22.260
20	24.886	33.714	22.404
30	23.321	33.802	22.933
40	22.927	33.857	23.087

STATION US12593			
LATITUDE 41-11.2 N			
LONGITUD 140-39.4 E			
DEPTH (m) 39			
Press.	Temp.	Salinity	Sigma-T
5	25.716	33.434	21.940
10	25.577	33.395	21.953
20	25.778	33.596	22.043
30	25.587	33.626	22.124

STATION US12594			
LATITUDE 41-14.0 N			
LONGITUD 140-43.6 E			
DEPTH (m) 79			
Press.	Temp.	Salinity	Sigma-T
5	25.714	33.587	22.056
10	25.015	33.551	22.242
20	24.058	33.719	22.655
30	23.874	33.737	22.723
40	23.673	33.742	22.785
50	21.991	33.874	23.365

STATION US12597			
LATITUDE 41-14.0 N			
LONGITUD 140-35.5 E			
DEPTH (m) 63			
Press.	Temp.	Salinity	Sigma-T
5	26.032	33.429	21.839
10	25.872	33.431	21.890
20	25.924	33.597	21.999
30	25.557	33.631	22.138
40	24.587	33.757	22.526
50	23.493	33.848	22.918

STATION US12600			
LATITUDE 41-36.7 N			
LONGITUD 140-51.3 E			
DEPTH (m) 80			
Press.	Temp.	Salinity	Sigma-T
5	27.259	33.579	21.566
10	26.098	33.625	21.966
20	23.318	33.858	22.976
30	22.947	33.907	23.120
40	21.933	33.990	23.469
50	18.158	34.197	24.618
75	14.766	34.313	25.493

STATION US12603			
LATITUDE 41-42.8 N			
LONGITUD 140-45.0 E			
DEPTH (m) 83			
Press.	Temp.	Salinity	Sigma-T
5	25.912	33.740	22.110
10	25.726	33.741	22.169
20	24.680	33.786	22.521
30	23.585	33.846	22.890
40	20.994	33.938	23.687
50	16.721	34.110	24.897
75	13.376	34.194	25.686

STATION US12595			
LATITUDE 41-17.1 N			
LONGITUD 140-47.1 E			
DEPTH (m) 37			
Press.	Temp.	Salinity	Sigma-T
5	25.579	33.517	22.044
10	25.362	33.671	22.227
20	22.569	33.694	23.066
30	21.888	33.681	23.247

STATION US12598			
LATITUDE 41-17.1 N			
LONGITUD 140-41.4 E			
DEPTH (m) 149			
Press.	Temp.	Salinity	Sigma-T
5	27.080	33.684	21.701
10	26.548	33.796	21.954
20	25.667	33.650	22.118
30	25.371	33.690	22.239
40	25.269	33.705	22.281
50	25.046	33.743	22.377
75	22.876	33.909	23.142
100	17.827	34.071	24.603
125	15.397	34.182	25.254

STATION US12601			
LATITUDE 41-38.5 N			
LONGITUD 140-49.4 E			
DEPTH (m) 317			
Press.	Temp.	Salinity	Sigma-T
5	27.218	33.632	21.618
10	26.694	33.649	21.797
20	25.977	33.706	22.064
30	25.304	33.767	22.318
40	22.302	33.980	23.359
50	21.076	34.064	23.761
75	17.716	34.265	24.778
100	14.638	34.269	25.487
125	12.531	34.278	25.926
150	11.104	34.251	26.173
175	10.301	34.241	26.308
200	9.436	34.211	26.430
250	9.371	34.211	26.441
300	9.258	34.209	26.457

STATION US12604			
LATITUDE 42-04.1 N			
LONGITUD 141-00.2 E			
DEPTH (m) 81			
Press.	Temp.	Salinity	Sigma-T
5	23.429	33.527	22.693
10	22.872	33.540	22.863
20	17.370	33.829	24.528
30	15.636	34.089	25.129
40	13.937	34.065	25.478
50	12.707	34.062	25.724
75	9.513	33.924	26.193

STATION US12596			
LATITUDE 41-13.8 N			
LONGITUD 140-38.7 E			
DEPTH (m) 76			
Press.	Temp.	Salinity	Sigma-T
5	25.993	32.924	21.470
10	26.130	33.026	21.505
20	26.012	33.589	21.965
30	25.778	33.615	22.057
40	25.705	33.622	22.085
50	25.640	33.626	22.108
75	19.544	34.045	24.152

STATION US12599			
LATITUDE 41-34.2 N			
LONGITUD 140-53.4 E			
DEPTH (m) 23			
Press.	Temp.	Salinity	Sigma-T
5	26.787	33.524	21.674
10	26.216	33.595	21.907
20	25.172	33.697	22.305

STATION US12602			
LATITUDE 41-40.9 N			
LONGITUD 140-47.7 E			
DEPTH (m) 226			
Press.	Temp.	Salinity	Sigma-T
5	26.201	33.641	21.946
10	26.052	33.671	22.015
20	25.337	33.725	22.275
30	22.041	33.933	23.396
40	21.317	34.092	23.716
50	20.608	34.131	23.938
75	16.632	34.217	25.000
100	11.964	34.215	25.986
125	11.126	34.234	26.156
150	10.435	34.224	26.271
175	10.091	34.224	26.330
200	9.758	34.225	26.388

STATION US12605			
LATITUDE 42-04.1 N			
LONGITUD 141-09.4 E			
DEPTH (m) 122			
Press.	Temp.	Salinity	Sigma-T
5	22.829	33.595	22.917
10	22.451	33.595	23.025
20	17.836	33.910	24.478
30	14.436	34.053	25.363
40	13.284	34.081	25.624
50	11.962	34.111	25.906
75	11.025	34.144	26.105
100	10.029	34.112	26.254

STATION US12606			
LATITUDE	42-03.9	N	
LONGITUD	141-19.0	E	
DEPTH (m)	298		
Press.	Temp.	Salinity	Sigma-T
5	22.776	33.579	22.920
10	21.493	33.634	23.320
20	15.847	33.989	25.004
30	14.738	34.191	25.405
40	13.319	34.115	25.643
50	12.025	34.125	25.905
75	10.428	34.145	26.211
100	9.643	34.106	26.313
125	9.255	34.096	26.369
150	8.861	34.060	26.404
175	7.945	33.963	26.468
200	6.130	33.752	26.550
250	4.226	33.591	26.642

STATION US12607			
LATITUDE	42-04.4	N	
LONGITUD	141-28.6	E	
DEPTH (m)	479		
Press.	Temp.	Salinity	Sigma-T
5	23.912	33.479	22.516
10	22.372	33.651	23.089
20	16.153	34.063	24.992
30	13.121	33.780	25.423
40	12.761	34.187	25.811
50	11.900	34.181	25.972
75	11.297	34.209	26.106
100	9.904	34.090	26.258
125	8.816	34.037	26.393
150	6.851	33.720	26.431
175	5.459	33.607	26.518
200	5.200	33.592	26.536
250	4.094	33.557	26.629
300	3.540	33.594	26.713
400	3.238	33.768	26.880

STATION US12608			
LATITUDE	42-12.5	N	
LONGITUD	141-09.1	E	
DEPTH (m)	100		
Press.	Temp.	Salinity	Sigma-T
5	23.996	33.046	22.164
10	23.844	33.422	22.493
20	22.670	33.739	23.072
30	18.402	34.035	24.434
40	17.108	34.100	24.798
50	15.151	34.096	25.242
75	11.682	34.134	25.977

STATION US12609			
LATITUDE	42-59.6	N	
LONGITUD	145-11.6	E	
DEPTH (m)	52		
Press.	Temp.	Salinity	Sigma-T
5	17.277	33.217	24.081
10	17.028	33.236	24.154
20	14.987	33.300	24.665
30	13.558	33.294	24.960
40	13.188	33.281	25.024

STATION US12610			
LATITUDE	42-55.9	N	
LONGITUD	145-16.1	E	
DEPTH (m)	90		
Press.	Temp.	Salinity	Sigma-T
5	17.124	33.104	24.030
10	16.994	33.145	24.092
20	14.932	33.301	24.677
30	13.336	33.271	24.986
40	11.681	33.193	25.245
50	10.687	33.193	25.424
75	9.921	33.856	26.072

STATION US12611			
LATITUDE	42-52.0	N	
LONGITUD	145-19.8	E	
DEPTH (m)	152		
Press.	Temp.	Salinity	Sigma-T
5	20.072	33.074	23.275
10	17.617	33.205	23.991
20	14.550	33.154	24.645
30	10.384	33.022	25.343
40	10.242	33.489	25.731
50	8.751	33.570	26.037
75	6.475	33.542	26.340
100	6.435	33.670	26.446
125	5.161	33.552	26.509

STATION US12612			
LATITUDE	42-48.1	N	
LONGITUD	145-24.0	E	
DEPTH (m)	899		
Press.	Temp.	Salinity	Sigma-T
5	21.144	32.702	22.707
10	20.919	32.721	22.782
20	12.189	33.620	25.481
30	11.831	34.089	25.914
40	10.854	34.044	26.057
50	9.966	34.024	26.196
75	9.283	34.074	26.348
100	8.497	34.006	26.419
125	6.677	33.761	26.486
150	5.482	33.649	26.548
175	4.432	33.550	26.588
200	3.134	33.425	26.616
250	2.999	33.516	26.700
300	2.072	33.484	26.752
400	2.881	33.689	26.849

STATION US12613			
LATITUDE	43-00.0	N	
LONGITUD	145-47.7	E	
DEPTH (m)	473		
Press.	Temp.	Salinity	Sigma-T
5	18.272	33.184	23.814
10	16.667	33.235	24.237
20	13.334	33.624	25.260
30	11.734	33.741	25.661
40	9.458	33.589	25.940
50	9.324	33.835	26.154
75	8.170	33.839	26.337
100	6.877	33.743	26.445
125	4.906	33.487	26.486
150	3.980	33.445	26.551
175	3.982	33.457	26.560
200	3.617	33.464	26.602
250	2.242	33.413	26.682
300	3.096	33.595	26.755
400	2.383	33.606	26.825

STATION US12614			
LATITUDE	43-05.8	N	
LONGITUD	145-47.8	E	
DEPTH (m)	108		
Press.	Temp.	Salinity	Sigma-T
5	17.121	33.216	24.117
10	16.199	33.323	24.413
20	14.506	33.305	24.771
30	13.909	33.335	24.920
40	13.229	33.325	25.050
50	12.081	33.264	25.226
75	9.793	33.600	25.893

STATION US12615			
LATITUDE	43-11.7	N	
LONGITUD	145-48.1	E	
DEPTH (m)	68		
Press.	Temp.	Salinity	Sigma-T
5	16.735	33.147	24.154
10	16.452	33.206	24.265
20	15.186	33.231	24.568
30	14.778	33.239	24.663
40	14.475	33.267	24.748
50	13.935	33.276	24.868

STATION US12616			
LATITUDE	43-17.7	N	
LONGITUD	145-47.9	E	
DEPTH (m)	29		
Press.	Temp.	Salinity	Sigma-T
5	16.655	33.122	24.154
10	16.342	33.163	24.257
20	15.178	33.206	24.550

STATION US12617			
LATITUDE	43-42.9	N	
LONGITUD	145-14.0	E	
DEPTH (m)	17		
Press.	Temp.	Salinity	Sigma-T
5	19.261	32.846	23.310
10	17.189	33.390	24.234

STATION US12618			
LATITUDE	43-49.9	N	
LONGITUD	145-12.1	E	
DEPTH (m)	43		
Press.	Temp.	Salinity	Sigma-T
5	19.299	33.227	23.590
10	19.400	33.485	23.762
20	17.874	33.414	24.089
30	16.747	33.567	24.474

STATION US12619			
LATITUDE	43-56.4	N	
LONGITUD	145-12.4	E	
DEPTH (m)	80		
Press.	Temp.	Salinity	Sigma-T
5	19.068	32.955	23.442
10	19.026	32.978	23.470
20	16.557	33.556	24.510
30	15.708	33.626	24.757
40	14.716	33.706	25.036
50	12.877	33.656	25.376
75	5.897	33.434	26.329

STATION US12620			
LATITUDE	44-01.4	N	
LONGITUD	145-13.9	E	
DEPTH (m)	247		
Press.	Temp.	Salinity	Sigma-T
5	19.311	33.526	23.815
10	19.243	33.548	23.850
20	19.038	33.583	23.928
30	17.545	33.511	24.242
40	15.494	33.594	24.780
50	11.833	33.556	25.499
75	9.820	33.641	25.921
100	7.544	33.564	26.212
125	6.976	33.552	26.282
150	5.578	33.482	26.405
175	4.245	33.420	26.505
200	3.181	33.386	26.581

STATION US12621			
LATITUDE	44-05.7	N	
LONGITUD	145-16.3	E	
DEPTH (m)	267		
Press.	Temp.	Salinity	Sigma-T
5	19.300	33.376	23.704
10	19.233	33.415	23.751
20	18.989	33.544	23.911
30	18.977	33.608	23.964
40	18.968	33.618	23.973
50	18.160	33.616	24.173
75	10.262	33.609	25.821
100	6.287	33.515	26.343
125	4.858	33.458	26.469
150	3.470	33.427	26.587
175	3.443	33.430	26.592
200	2.384	33.360	26.628

STATION US12622			
LATITUDE	44-10.1	N	
LONGITUD	145-20.5	E	
DEPTH (m)	177		
Press.	Temp.	Salinity	Sigma-T
5	19.330	33.420	23.730
10	19.359	33.472	23.762
20	18.850	33.573	23.969
30	17.291	33.614	24.382
40	16.545	33.652	24.586
50	13.785	33.613	25.160
75	9.210	33.586	25.977
100	7.487	33.647	26.285
125	5.309	33.502	26.453
150	3.088	33.335	26.548

STATION US12623			
LATITUDE	44-15.5	N	
LONGITUD	145-22.8	E	
DEPTH (m)	77		
Press.	Temp.	Salinity	Sigma-T
5	19.306	33.408	23.727
10	19.287	33.438	23.755
20	19.273	33.438	23.759
30	19.549	33.488	23.725
40	14.960	33.644	24.935
50	13.437	33.678	25.281

STATION US12624			
LATITUDE	44-18.4	N	
LONGITUD	145-16.2	E	
DEPTH (m)	121		
Press.	Temp.	Salinity	Sigma-T
5	20.217	33.702	23.715
10	20.107	33.707	23.748
20	20.021	33.707	23.770
30	19.754	33.706	23.839
40	18.812	33.711	24.084
50	11.338	33.635	25.651
75	9.248	33.700	26.061
100	6.202	33.664	26.471

STATION US12625			
LATITUDE	44-14.3	N	
LONGITUD	145-12.0	E	
DEPTH (m)	121		
Press.	Temp.	Salinity	Sigma-T
5	20.014	33.679	23.750
10	19.935	33.689	23.779
20	19.910	33.695	23.790
30	19.880	33.695	23.798
40	19.813	33.693	23.814
50	8.790	33.539	26.007
75	7.005	33.555	26.280
100	7.130	33.720	26.393

STATION US12626			
LATITUDE	44-10.1	N	
LONGITUD	145-06.8	E	
DEPTH (m)	115		
Press.	Temp.	Salinity	Sigma-T
5	20.057	33.696	23.753
10	20.054	33.697	23.754
20	19.994	33.694	23.768
30	19.991	33.696	23.770
40	19.885	33.693	23.795
50	12.149	33.424	25.336
75	6.670	33.674	26.419
100	5.749	33.676	26.537

STATION US12627			
LATITUDE	44-07.3	N	
LONGITUD	145-01.5	E	
DEPTH (m)	96		
Press.	Temp.	Salinity	Sigma-T
5	20.073	33.674	23.731
10	19.865	33.692	23.799
20	19.876	33.695	23.799
30	19.181	33.696	23.979
40	18.734	33.682	24.081
50	18.553	33.686	24.129
75	6.622	33.708	26.452

STATION US12628			
LATITUDE	44-03.4	N	
LONGITUD	144-56.0	E	
DEPTH (m)	54		
Press.	Temp.	Salinity	Sigma-T
5	19.817	33.700	23.818
10	19.184	33.687	23.971
20	18.905	33.703	24.054
30	18.635	33.704	24.123
40	17.196	33.662	24.441

STATION US12629			
LATITUDE	44-01.9	N	
LONGITUD	144-47.6	E	
DEPTH (m)	80		
Press.	Temp.	Salinity	Sigma-T
5	20.670	33.720	23.609
10	20.342	33.716	23.692
20	19.770	33.711	23.838
30	17.170	33.703	24.479
40	17.083	33.726	24.517
50	15.471	33.686	24.855

STATION US12630			
LATITUDE	44-03.8	N	
LONGITUD	144-43.7	E	
DEPTH (m)	286		
Press.	Temp.	Salinity	Sigma-T
5	20.559	33.718	23.637
10	20.071	33.718	23.765
20	17.443	33.681	24.397
30	17.372	33.697	24.426
40	16.468	33.661	24.611
50	16.238	33.712	24.703
75	12.757	33.822	25.528
100	11.774	33.852	25.740
125	11.306	33.858	25.831
150	8.871	33.774	26.179
175	3.428	33.512	26.658
200	3.142	33.530	26.699
250	2.347	33.554	26.787

STATION US12631			
LATITUDE	44-06.9	N	
LONGITUD	144-48.9	E	
DEPTH (m)	365		
Press.	Temp.	Salinity	Sigma-T
5	19.873	33.719	23.818
10	19.431	33.697	23.916
20	16.384	33.629	24.605
30	14.802	33.731	25.037
40	11.806	33.532	25.485
50	10.917	33.850	25.895
75	10.688	33.940	26.006
100	8.559	33.822	26.264
125	7.260	33.730	26.383
150	3.258	33.361	26.554
175	2.845	33.477	26.683
200	1.482	33.360	26.695
250	1.025	33.389	26.749
300	2.237	33.550	26.791

STATION US12632			
LATITUDE	44-10.8	N	
LONGITUD	144-54.1	E	
DEPTH (m)	571		
Press.	Temp.	Salinity	Sigma-T
5	19.727	33.714	23.852
10	19.267	33.640	23.914
20	15.186	33.119	24.482
30	11.368	33.356	25.430
40	7.987	33.244	25.896
50	7.909	33.825	26.364
75	3.753	33.389	26.528
100	0.383	33.235	26.662
125	0.585	33.295	26.699
150	0.775	33.335	26.720
175	0.858	33.374	26.747
200	0.924	33.392	26.757
250	1.394	33.484	26.801
300	2.534	33.652	26.849
400	2.503	33.697	26.888

STATION US12633			
LATITUDE	44-13.0	N	
LONGITUD	144-59.1	E	
DEPTH (m)	695		
Press.	Temp.	Salinity	Sigma-T
5	19.474	33.733	23.932
10	18.659	33.684	24.102
20	17.872	33.537	24.183
30	15.067	33.422	24.741
40	14.069	33.421	24.953
50	10.780	33.288	25.482
75	2.952	33.286	26.521
100	1.882	33.358	26.665
125	1.839	33.416	26.715
150	2.050	33.470	26.742
175	1.494	33.445	26.763
200	2.228	33.571	26.809
250	2.554	33.655	26.850
300	2.583	33.679	26.867
400	2.371	33.738	26.931

STATION US12634			
LATITUDE	44-16.3	N	
LONGITUD	145-04.9	E	
DEPTH (m)	813		
Press.	Temp.	Salinity	Sigma-T
5	19.909	33.638	23.747
10	17.398	33.041	23.917
20	14.595	33.188	24.662
30	10.426	33.362	25.600
40	7.015	33.417	26.169
50	3.836	33.286	26.439
75	1.905	33.323	26.635
100	1.693	33.391	26.705
125	2.564	33.486	26.714
150	2.590	33.491	26.716
175	2.644	33.503	26.721
200	2.599	33.535	26.750
250	2.270	33.536	26.778
300	2.621	33.617	26.814
400	2.669	33.667	26.850

STATION US12635			
LATITUDE	44-15.4	N	
LONGITUD	145-08.4	E	
DEPTH (m)	510		
Press.	Temp.	Salinity	Sigma-T
5	20.487	33.715	23.653
10	20.058	33.729	23.777
20	19.184	33.741	24.012
30	19.059	33.729	24.035
40	18.221	33.654	24.187
50	15.992	33.466	24.570
75	6.423	33.670	26.448
100	4.238	33.553	26.611
125	4.070	33.580	26.650
150	3.340	33.510	26.665
175	2.933	33.463	26.664
200	3.010	33.517	26.700
250	2.778	33.521	26.724
300	2.253	33.520	26.767
400	2.494	33.642	26.844

STATION US12636			
LATITUDE	44-19.1	N	
LONGITUD	145-12.7	E	
DEPTH (m)	709		
Press.	Temp.	Salinity	Sigma-T
5	20.409	33.721	23.678
10	20.409	33.718	23.677
20	19.876	33.721	23.819
30	19.363	33.717	23.949
40	15.788	33.570	24.695
50	10.670	33.606	25.748
75	6.264	33.606	26.418
100	5.230	33.663	26.589
125	4.162	33.592	26.650
150	3.469	33.524	26.664
175	3.453	33.555	26.690
200	3.201	33.537	26.699
250	2.598	33.501	26.723
300	2.547	33.559	26.774
400	2.627	33.625	26.820

STATION US12637			
LATITUDE	44-21.0	N	
LONGITUD	145-09.9	E	
DEPTH (m)	1113		
Press.	Temp.	Salinity	Sigma-T
5	17.353	33.082	23.960
10	16.591	33.080	24.136
20	11.529	33.259	25.324
30	7.492	33.266	25.985
40	4.498	33.305	26.386
50	2.892	33.270	26.514
75	1.258	33.272	26.640
100	0.448	33.233	26.656
125	1.010	33.320	26.694
150	1.051	33.350	26.716
175	1.445	33.403	26.732
200	1.347	33.403	26.739
250	1.861	33.510	26.788
300	2.395	33.630	26.843
400	2.408	33.694	26.893

STATION US12638			
LATITUDE	44-23.8	N	
LONGITUD	145-13.6	E	
DEPTH (m)	1195		
Press.	Temp.	Salinity	Sigma-T
5	18.948	33.369	23.788
10	17.517	33.048	23.894
20	16.104	33.505	24.575
30	13.288	33.411	25.104
40	9.301	33.317	25.753
50	6.024	33.304	26.210
75	5.345	33.639	26.557
100	2.924	33.411	26.623
125	2.562	33.424	26.665
150	2.727	33.497	26.709
175	2.314	33.484	26.733
200	2.333	33.524	26.764
250	2.245	33.543	26.785
300	2.118	33.580	26.825
400	2.337	33.649	26.863

STATION US12639			
LATITUDE 44-23.3 N			
LONGITUD 145-17.6 E			
DEPTH (m) 790			
Press.	Temp.	Salinity	Sigma-T
5	20.333	33.718	23.697
10	20.102	33.702	23.745
20	19.811	33.719	23.834
30	18.963	33.672	24.016
40	15.700	33.646	24.774
50	11.370	33.578	25.601
75	7.373	33.693	26.337
100	5.625	33.670	26.548
125	4.903	33.641	26.609
150	4.088	33.568	26.638
175	2.769	33.441	26.661
200	2.298	33.416	26.680
250	1.537	33.386	26.712
300	1.787	33.480	26.770
400	2.137	33.584	26.827

STATION US12640			
LATITUDE 44-22.2 N			
LONGITUD 145-21.4 E			
DEPTH (m) 125			
Press.	Temp.	Salinity	Sigma-T
5	19.931	33.696	23.785
10	19.919	33.697	23.789
20	19.692	33.696	23.848
30	18.904	33.685	24.041
40	18.408	33.688	24.167
50	16.487	33.635	24.587
75	9.259	33.697	26.056
100	6.707	33.669	26.409

STATION US12641			
LATITUDE 44-20.7 N			
LONGITUD 145-24.5 E			
DEPTH (m) 965			
Press.	Temp.	Salinity	Sigma-T
5	19.150	33.386	23.750
10	19.152	33.388	23.751
20	19.269	33.476	23.789
30	18.118	33.544	24.129
40	16.728	33.624	24.522
50	14.438	33.601	25.014
75	10.485	33.604	25.779
100	6.055	33.475	26.341
125	2.736	33.268	26.526
150	1.585	33.247	26.597
175	2.075	33.320	26.620
200	3.168	33.466	26.646
250	1.894	33.388	26.688
300	1.415	33.417	26.746
400	1.776	33.568	26.841
500	2.034	33.695	26.924

STATION US12642			
LATITUDE 44-19.0 N			
LONGITUD 145-28.3 E			
DEPTH (m) 1871			
Press.	Temp.	Salinity	Sigma-T
5	19.368	33.354	23.670
10	19.373	33.354	23.669
20	18.831	33.496	23.915
30	16.694	33.553	24.476
40	15.811	33.597	24.711
50	13.846	33.594	25.133
75	11.405	33.654	25.654
100	7.029	33.549	26.272
125	4.841	33.434	26.452
150	3.350	33.379	26.560
175	2.277	33.356	26.633
200	1.866	33.360	26.668
250	1.085	33.358	26.720
300	1.242	33.430	26.768
400	1.949	33.616	26.866

STATION US12643			
LATITUDE 44-17.2 N			
LONGITUD 145-32.0 E			
DEPTH (m) 2080			
Press.	Temp.	Salinity	Sigma-T
5	19.277	33.411	23.737
10	19.229	33.436	23.768
20	17.557	33.438	24.183
30	16.023	33.590	24.658
40	13.461	33.552	25.179
50	12.920	33.562	25.294
75	10.819	33.635	25.745
100	7.061	33.542	26.262
125	4.620	33.441	26.481
150	2.994	33.354	26.572
175	1.699	33.309	26.639
200	1.250	33.327	26.685
250	1.266	33.407	26.747
300	1.449	33.496	26.806
400	1.974	33.651	26.893
500	1.959	33.727	26.955
600	1.908	33.797	27.015
700	2.083	33.961	27.133
800	2.207	34.106	27.239
900	2.261	34.207	27.315
1000	2.281	34.298	27.387
1200	2.223	34.412	27.483

STATION US12644			
LATITUDE 44-12.2 N			
LONGITUD 145-30.0 E			
DEPTH (m) 2028			
Press.	Temp.	Salinity	Sigma-T
5	19.054	33.357	23.752
10	19.014	33.378	23.778
20	16.809	33.634	24.511
30	15.286	33.668	24.883
40	14.025	33.575	25.081
50	13.032	33.607	25.307
75	9.341	33.675	26.026
100	7.329	33.702	26.350
125	5.189	33.482	26.450
150	2.302	33.340	26.618
175	1.785	33.336	26.655
200	1.640	33.350	26.676
250	1.558	33.370	26.698
300	1.315	33.403	26.741
400	1.814	33.603	26.867

STATION US12645			
LATITUDE 44-07.4 N			
LONGITUD 145-27.7 E			
DEPTH (m) 1206			
Press.	Temp.	Salinity	Sigma-T
5	18.856	33.478	23.895
10	18.858	33.477	23.894
20	16.674	33.570	24.493
30	14.358	33.624	25.049
40	12.246	33.539	25.408
50	11.284	33.687	25.702
75	8.002	33.561	26.144
100	5.935	33.477	26.357
125	4.132	33.421	26.517
150	3.802	33.461	26.582
175	2.276	33.350	26.629
200	1.526	33.326	26.665
250	1.111	33.349	26.711
300	1.323	33.440	26.770
400	1.572	33.569	26.856

STATION US12646			
LATITUDE 43-59.5 N			
LONGITUD 145-19.0 E			
DEPTH (m) 276			
Press.	Temp.	Salinity	Sigma-T
5	19.103	33.452	23.812
10	19.116	33.548	23.882
20	18.345	33.540	24.069
30	16.563	33.616	24.554
40	14.266	33.544	25.007
50	11.954	33.557	25.477
75	7.195	33.476	26.192
100	5.496	33.477	26.410
125	5.138	33.548	26.509
150	3.262	33.359	26.551
175	2.180	33.360	26.644
200	1.463	33.317	26.662
250	1.267	33.367	26.715

STATION US12647			
LATITUDE 41-59.3 N			
LONGITUD 141-02.3 E			
DEPTH (m) 102			
Press.	Temp.	Salinity	Sigma-T
5	23.069	32.777	22.229
10	21.985	33.324	22.949
20	18.284	33.934	24.386
30	15.767	34.055	25.073
40	13.984	33.993	25.413
50	13.374	34.086	25.610
75	9.974	33.910	26.105

STATION US12648			
LATITUDE 41-58.7 N			
LONGITUD 141-00.8 E			
DEPTH (m) 93			
Press.	Temp.	Salinity	Sigma-T
5	23.175	32.836	22.243
10	23.142	32.852	22.265
20	19.343	33.807	24.022
30	16.313	34.031	24.931
40	14.018	33.929	25.355
50	12.874	33.989	25.635
75	6.433	33.320	26.170

STATION US12649			
LATITUDE 41-58.0 N			
LONGITUD 140-59.5 E			
DEPTH (m) 85			
Press.	Temp.	Salinity	Sigma-T
5	23.034	32.833	22.282
10	23.045	32.836	22.280
20	21.927	33.282	22.933
30	16.408	33.269	24.324
40	14.107	33.596	25.080
50	12.161	33.658	25.516
75	6.543	33.269	26.116

STATION US12650			
LATITUDE 41-57.4 N			
LONGITUD 140-58.4 E			
DEPTH (m) 78			
Press.	Temp.	Salinity	Sigma-T
5	22.852	32.893	22.379
10	22.847	32.915	22.397
20	19.145	33.275	23.666
30	12.919	32.904	24.785
40	10.925	32.876	25.135
50	8.672	33.078	25.664
75	7.672	33.228	25.930