OCEANOGRAPHICAL STATION LIST

VOLUME 74

TEMPERATURE AND SALINITY OBSERVATIONS FROM
AUSTRALIAN TUNA FISHING VESSELS IN 1965

DIVISION OF FISHERIES AND OCEANOGRAPHY
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL
RESEARCH ORGANIZATION, AUSTRALIA 1968

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CONTENTS

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TEMPERATURE AND SALINITY OBSERVATIONS FROM AUSTRALIAN TUNA FISHING VESSELS IN 1965

I. INTRODUCTION

In 1961, a programme for the systematic measurement of sea-water temperatures from fishing vessels was begun by CSIRO (CSIRO Aust. 1961; Vaux 1961). The data presented in this volume are the result of such measurements made from fishing vessels during the course of their normal fishing operations on the South Australian and eastern Australian tuna fishing grounds during 1965.

II. METHODS

Temperature.—Fishermen were issued with surface thermometers and instructions for their use (Vaux 1961). Thermometers were graduated in whole degrees over the range 30–120 degF with an accuracy of ± 0.5 degF. Temperatures were taken in degF and converted to degC (nearest tenth) before listing. Temperatures listed in this volume are considered accurate to about ± 0.5 degC although on some vessels a higher accuracy was probably achieved. On some vessels, temperatures were also taken by a continuous-recording thermograph.

Salinity.—Water samples for subsequent salinity analysis were taken by several vessels. The samples were analysed at either Cronulla or Port Lincoln using a chlorinity-temperature meter of the conductivity type (Hamon 1956) and converting from chlorinity to salinity by the relation –

$$\text{Salinity} = 0.03 + 1.805 \times \text{Chlorinity}$$

Salinities are considered accurate to about ± 0.05‰.

Accuracy of Positions.—For reporting the position of sampling, fishermen used a grid reference system (Kesteven and Williams 1962) consisting of rectangles of approximately 6 x 5 nautical miles (actually 6 x 6 minutes of latitude and longitude). A fisherman's position wrong by one grid rectangle could be in error, therefore, by up to 6 miles. South Australian positions may be in error by twice this amount as vessels operate for longer periods out of sight of land. Errors greater than this are considered to be infrequent. Grid references were converted to latitude and longitude by computer before listing.

REFERENCES

CSIRO AUST. (1961).—Tuna search programme. Southern Pelagic Project Special Report No.1 (Mimeogr.) (CSIRO : Cronulla.)

HAMON, B.V. (1956).—A portable temperature-chlorinity bridge for estuarine investigations and seawater analysis. J. scient. Instrum. 33, 329-33.

KESTEVEN, G.L., and WILLIAMS, G.R. (1962).—Fishermen and scientists work together. Aust. Fish. Leafl. No.8.

U.S. NAVY HYDROGRAPHIC OFFICE (1955).—Instruction manual for oceanographic observations. Publ. No.607.

VAUX, D. (1961).—Measurement of seawater temperatures by fishermen. Aust. Fish. Leafl. No.6.

III. ACKNOWLEDGEMENTS

Thanks are due to the skippers, owners, and crews of the vessels from which the observations listed in this volume were made.

IV. DATA

The data were subjected to various quality control checks before listing by C.D.C. 3600 Computer. Speeds between successive positions were calculated, and finding of impossible values led to the amendment or rejection of the suspect data.

A.D. Crooks wrote the computer programmes, and D. Vaux had the overall responsibility for the collection, processing, and compilation of the observations.

EXPLANATION OF HEADINGS

VESSEL — A code number is given for each vessel:

T2	Degei	W2	Eden Star
T3	Huon	W4	Imlay
T4	Robyn Julie	X2	Richard Allen
T6	Two Freddies	Y2	Gipsy
T8	Catriona B	Y4	Halcyon
T9	Cape Byron	Y5	Saga
U3	Rosebud	Y6	Fearnot
U4	Southern Bluefin	Y7	Caroline Star

CRUISE
STATION NUMBER — Generally assigned only when a member of CSIRO staff accompanied the cruise

TIME	In eastern Australian waters times are given in Eastern Australian Standard Time, GMT +10 hr, Code K; in South Australian waters times are given in Central Australian Standard Time, GMT +9½ hr, Code J
LATITUDE LONGITUDE	Given in degrees and minutes
TEMP.	Sea surface temperatures recorded in °C
SALINITY	Given in parts per thousand
SAMPLING METHOD	1 Surface temperature and salinity were taken from sea-water sampled in a plastic bucket G Surface temperature by thermograph

A blank indicates no data available

DATA

TEMPERATURES AND SALINITIES

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	84		65	1	8	0600	37 3 S	150 3 E	16.3											1
T2	84		65	1	8	0700	36 57 S	150 9 E	17.1											1
T2	84		65	1	8	0800	36 45 S	150 21 E	18.3											1
T2	84		65	1	8	0831	36 45 S	150 21 E	20.1											1
T2	84		65	1	8	0900	36 51 S	150 27 E	20.0											1
T2	84		65	1	8	1000	36 51 S	150 27 E	19.6											1
T2	84		65	1	8	1014	36 51 S	150 27 E	20.3											1
T2	84		65	1	8	1100	36 45 S	150 27 E	20.2											1
T2	84		65	1	8	1109	36 45 S	150 27 E	19.4											1
T2	84		65	1	8	1150	36 45 S	150 21 E	20.6											1
T2	84		65	1	8	1200	36 45 S	150 21 E	19.2											1
T2	84		65	1	8	1300	36 51 S	150 27 E	19.3											1
T2	84		65	1	8	1330	36 57 S	150 33 E	19.4											1
T2	84		65	1	8	1347	36 57 S	150 33 E	18.9											1
T2	84		65	1	8	1400	36 57 S	150 39 E	18.9											1
T2	84		65	1	8	1500	36 57 S	150 27 E	18.9											1
T2	84		65	1	8	1600	37 3 S	150 9 E	18.3											1
T2	87		65	1	9	0800	37 3 S	150 3 E	17.7											1
T2	87		65	1	9	0900	37 3 S	150 15 E	18.7											1
T2	87		65	1	9	0930	36 57 S	150 21 E	19.7											1
T2	87		65	1	9	1000	36 57 S	150 27 E	19.6											1
T2	87		65	1	9	1029	36 57 S	150 27 E	19.6											1
T2	87		65	1	9	1110	36 57 S	150 27 E	19.7											1
T2	87		65	1	9	1200	36 57 S	150 15 E	19.5											1
T2	87		65	1	9	1300	37 3 S	150 3 E	18.8											1
T2	3		65	2	8	0500	34 45 S	136 3 E	20.6											1
T2	3		65	2	8	0600	34 57 S	136 3 E	18.4											1
T2	3		65	2	8	0700	35 3 S	135 57 E	17.3											1
T2	3		65	2	8	0800	35 9 S	135 45 E	17.4											1
T2	3		65	2	8	0900	35 15 S	135 39 E	17.8	35.44										1
T2	3		65	2	8	1000	35 21 S	135 27 E	17.4											1
T2	3		65	2	8	1100	35 27 S	135 21 E	17.7											1
T2	3		65	2	8	1200	35 33 S	135 15 E	18.4	35.44										1
T2	3		65	2	8	1300	35 39 S	135 3 E	18.7											1
T2	3		65	2	8	1400	35 45 S	135 3 E	18.0											1
T2	3		65	2	8	1447	35 39 S	135 9 E	18.6											1
T2	3		65	2	8	1500	35 39 S	135 9 E	18.6	35.48										1
T2	3		65	2	8	1600	35 33 S	134 57 E	18.1											1
T2	3		65	2	8	1700	35 27 S	134 51 E	18.6											1
T2	3		65	2	8	1721	35 27 S	134 51 E	18.8											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	3		65	2	8	1800	35 27 S	134 45 E	18.8	35.64										1
T2	3		65	2	8	1825	35 27 S	134 39 E	18.8											1
T2	3		65	2	8	1850	35 27 S	134 39 E	18.7											1
T2	3		65	2	9	0800	35 9 S	134 9 E	18.4											1
T2	3		65	2	9	0900	35 9 S	133 57 E	18.7	35.59										1
T2	3		65	2	9	0940	35 9 S	133 45 E	18.9											1
T2	3		65	2	9	1000	35 3 S	133 45 E	18.9											1
T2	3		65	2	9	1026	35 3 S	133 45 E	18.9											1
T2	3		65	2	9	1036	35 3 S	133 45 E	18.9											1
T2	3		65	2	9	1100	35 3 S	133 51 E	18.9											1
T2	3		65	2	9	1110	35 3 S	133 51 E	19.2											1
T2	3		65	2	9	1120	35 9 S	133 45 E	19.6											1
T2	3		65	2	9	1130	35 9 S	133 45 E	19.4											1
T2	3		65	2	9	1140	35 9 S	133 45 E	19.0											1
T2	3		65	2	9	1150	35 9 S	133 45 E	18.4											1
T2	3		65	2	9	1200	35 9 S	133 45 E	18.9	35.59										1
T2	3		65	2	9	1210	35 3 S	133 39 E	19.1											1
T2	3		65	2	9	1240	34 57 S	133 33 E	19.0											1
T2	3		65	2	9	1300	34 57 S	133 33 E	19.0											1
T2	3		65	2	9	1400	34 51 S	133 27 E	19.2											1
T2	3		65	2	9	1500	34 51 S	133 21 E	19.3	35.68										1
T2	3		65	2	9	1600	34 51 S	133 9 E	19.4											1
T2	3		65	2	9	1626	34 51 S	133 9 E	19.4											1
T2	3		65	2	9	1636	34 51 S	133 9 E	19.4											1
T2	3		65	2	9	1700	34 51 S	133 9 E	19.4											1
T2	3		65	2	9	1800	34 51 S	132 57 E	18.8	35.46										1
T2	3		65	2	9	1900	34 45 S	133 9 E	19.4											1
T2	3		65	2	10	0710	34 39 S	133 15 E	19.1											1
T2	3		65	2	10	0800	34 33 S	133 27 E	19.1											1
T2	3		65	2	10	0900	34 33 S	133 39 E	18.6	35.48										1
T2	3		65	2	10	1000	34 33 S	133 51 E	18.6											1
T2	3		65	2	10	1100	34 27 S	134 3 E	18.3											1
T2	3		65	2	10	1200	34 27 S	134 15 E	18.2	35.37										1
T2	3		65	2	10	1300	34 15 S	134 15 E	18.1											1
T2	3		65	2	10	1400	34 3 S	134 15 E	18.1											1
T2	3		65	2	10	1500	33 57 S	134 15 E	17.9	35.50										1
T2	3		65	2	10	1530	33 57 S	134 15 E	17.8											1
T2	3		65	2	11	0700	34 3 S	134 27 E	17.4											1
T2	3		65	2	11	0800	34 9 S	134 27 E	17.2											1
T2	3		65	2	11	0900	34 15 S	134 39 E	17.0	35.55										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	3		65	2	11	1000	34 21 S	134 45 E	17,1											1
T2	3		65	2	11	1100	34 33 S	134 45 E	17,4											1
T2	3		65	2	11	1200	34 39 S	134 51 E	17,3	35,73										1
T2	3		65	2	11	1300	34 45 S	134 57 E	17,7											1
T2	3		65	2	11	1400	34 51 S	135 9 E	17,6											1
T2	3		65	2	11	1500	34 51 S	135 21 E	17,7	35,64										1
T2	3		65	2	11	1600	34 51 S	135 21 E	18,1											1
T2	3		65	2	11	1700	34 57 S	135 33 E	18,2											1
T2	3		65	2	11	1800	35 3 S	135 39 E	18,1	36,00										1
T2	3		65	2	11	1900	35 3 S	135 57 E	18,4											1
T2	3		65	2	11	2000	34 57 S	136 3 E	18,4											1
T2	3		65	2	11	2100	34 51 S	136 3 E	18,8											1
T2	3		65	2	11	2200	34 45 S	135 57 E	19,7											1
T2	4		65	2	14	0100	34 45 S	135 57 E	20,4											1
T2	4		65	2	14	0200	34 51 S	136 3 E	19,4											1
T2	4		65	2	14	0300	35 3 S	136 3 E	18,2											1
T2	4		65	2	14	0400	35 9 S	135 57 E	18,5											1
T2	4		65	2	14	0500	35 21 S	135 57 E	18,2											1
T2	4		65	2	14	0600	35 27 S	135 51 E	18,0											1
T2	4		65	2	14	0700	35 39 S	135 51 E	18,0											1
T2	4		65	2	14	0800	35 51 S	135 45 E	17,9											1
T2	4		65	2	14	0900	35 51 S	135 39 E	18,5											1
T2	4		65	2	14	0910	35 51 S	135 33 E	18,2											1
T2	4		65	2	14	1000	35 51 S	135 27 E	18,2											1
T2	4		65	2	14	1100	35 45 S	135 27 E	18,9											1
T2	4		65	2	14	1200	35 45 S	135 15 E	19,0											1
T2	4		65	2	14	1300	35 39 S	135 3 E	19,0											1
T2	4		65	2	14	1320	35 39 S	135 3 E	19,0											1
T2	4		65	2	14	1342	35 39 S	135 3 E	18,5											1
T2	4		65	2	14	1400	35 39 S	135 3 E	18,6											1
T2	4		65	2	14	1420	35 39 S	135 3 E	18,6											1
T2	4		65	2	14	1500	35 39 S	134 51 E	18,6											1
T2	4		65	2	14	1600	35 45 S	134 39 E	18,7											1
T2	4		65	2	14	1700	35 33 S	134 33 E	18,9											1
T2	4		65	2	14	1733	35 33 S	134 27 E	18,9											1
T2	4		65	2	14	1751	35 33 S	134 27 E	18,9											1
T2	4		65	2	14	1800	35 33 S	134 27 E	19,1											1
T2	4		65	2	14	1815	35 33 S	134 27 E	19,1											1
T2	4		65	2	14	1824	35 33 S	134 27 E	19,1											1
T2	4		65	2	14	1900	35 33 S	134 27 E	19,1											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	4		65	2	14	1929	35 33 S	134 27 E	19.1											1
T2	4		65	2	14	2000	35 27 S	134 33 E	19.0											1
T2	4		65	2	14	2025	35 21 S	134 39 E	19.0											1
T2	4		65	2	15	0620	35 15 S	134 45 E	18.3											1
T2	4		65	2	15	0700	35 21 S	134 39 E	18.8											1
T2	4		65	2	15	0800	35 21 S	134 39 E	18.4											1
T2	4		65	2	15	0830	35 21 S	134 33 E	18.4											1
T2	4		65	2	15	0844	35 21 S	134 33 E	18.4											1
T2	4		65	2	15	0900	35 21 S	134 33 E	18.4											1
T2	4		65	2	15	0922	35 21 S	134 27 E	18.4											1
T2	4		65	2	15	1000	35 21 S	134 27 E	18.5											1
T2	4		65	2	15	1005	35 21 S	134 27 E	18.4											1
T2	4		65	2	15	1014	35 21 S	134 27 E	18.4											1
T2	4		65	2	15	1032	35 21 S	134 33 E	18.5											1
T2	4		65	2	15	1100	35 27 S	134 33 E	18.5											1
T2	4		65	2	15	1135	35 27 S	134 33 E	18.6											1
T2	4		65	2	15	1142	35 21 S	134 27 E	18.6											1
T2	4		65	2	15	1159	35 21 S	134 27 E	18.6											1
T2	4		65	2	15	1300	35 21 S	134 21 E	18.8											1
T2	4		65	2	15	1322	35 15 S	134 21 E	18.9											1
T2	4		65	2	15	1345	35 15 S	134 21 E	19.1											1
T2	4		65	2	15	1348	35 15 S	134 21 E	19.3											1
T2	4		65	2	15	1359	35 15 S	134 21 E	19.4											1
T2	4		65	2	15	1400	35 15 S	134 21 E	19.5											1
T2	4		65	2	15	1500	35 15 S	134 15 E	19.5											1
T2	4		65	2	15	1523	35 15 S	134 15 E	19.7											1
T2	4		65	2	15	1600	35 15 S	134 15 E	19.7											1
T2	4		65	2	15	1610	35 9 S	134 9 E	19.7											1
T2	4		65	2	15	1700	35 9 S	134 15 E	19.8											1
T2	4		65	2	15	1800	35 9 S	134 15 E	19.9											1
T2	4		65	2	15	1832	35 15 S	134 9 E	19.9											1
T2	4		65	2	15	1845	35 15 S	134 9 E	19.8											1
T2	4		65	2	15	1900	35 15 S	134 9 E	19.7											1
T2	4		65	2	15	1912	35 15 S	134 9 E	19.8											1
T2	4		65	2	15	2000	35 15 S	134 15 E	19.4											1
T2	4		65	2	15	2100	35 15 S	134 27 E	19.3											1
T2	4		65	2	15	2200	35 9 S	134 39 E	19.2											1
T2	4		65	2	16	0300	35 9 S	134 45 E	18.8											1
T2	4		65	2	16	0400	35 9 S	134 51 E	18.3											1
T2	4		65	2	16	0500	35 9 S	135 3 E	18.3											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN. AMT.	SEA DN. AMT.	SWELL DN. AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	4		65	2	16	0600	35 9 S	135 9 E	18,3								1
T2	4		65	2	16	0700	35 3 S	135 21 E	18,4								1
T2	4		65	2	16	0800	35 3 S	135 27 E	18,4								1
T2	4		65	2	16	0900	35 3 S	135 33 E	18,6								1
T2	4		65	2	16	1000	35 3 S	135 45 E	17,9								1
T2	4		65	2	16	1100	35 3 S	135 51 E	18,3								1
T2	4		65	2	16	1200	35 3 S	135 57 E	18,3								1
T2	4		65	2	16	1300	34 51 S	136 3 E	18,8								1
T2	4		65	2	16	1400	34 45 S	136 3 E	20,2								1
T2	7		65	3	4	0400	34 45 S	135 57 E	22,4								1
T2	7		65	3	4	0500	34 51 S	136 3 E	21,1								1
T2	7		65	3	4	0600	34 57 S	136 3 E	19,0								1
T2	7		65	3	4	0700	35 9 S	136 3 E	19,5								1
T2	7		65	3	4	0800	35 15 S	135 57 E	19,9								1
T2	7		65	3	4	0900	35 27 S	135 51 E	19,8								1
T2	7		65	3	4	1000	35 33 S	135 51 E	19,9								1
T2	7		65	3	4	1100	35 39 S	135 51 E	19,6								1
T2	7		65	3	4	1120	35 45 S	135 45 E	19,7								1
T2	7		65	3	4	1200	35 51 S	135 39 E	20,1								1
T2	7		65	3	4	1237	35 51 S	135 39 E	19,8								1
T2	7		65	3	4	1250	35 51 S	135 39 E	19,9								1
T2	7		65	3	4	1349	35 51 S	135 33 E	19,9								1
T2	7		65	3	4	1400	35 51 S	135 33 E	19,7								1
T2	7		65	3	4	1435	35 51 S	135 39 E	19,7								1
T2	7		65	3	4	1500	35 51 S	135 45 E	19,6								1
T2	7		65	3	4	1600	35 57 S	135 39 E	19,9								1
T2	7		65	3	4	1625	35 57 S	135 39 E	19,7								1
T2	7		65	3	4	1636	35 57 S	135 39 E	19,7								1
T2	7		65	3	4	1700	35 57 S	135 39 E	19,5								1
T2	7		65	3	4	1800	35 57 S	135 33 E	19,4								1
T2	7		65	3	4	2000	35 45 S	135 45 E	19,3								1
T2	7		65	3	4	2100	35 39 S	135 51 E	19,1								1
T2	7		65	3	4	2200	35 33 S	135 57 E	18,9								1
T2	7		65	3	4	2300	35 21 S	135 57 E	16,2								1
T2	7		65	3	5	0400	34 45 S	135 57 E	22,4								1
T2	7		65	3	5	0500	34 51 S	136 3 E	21,1								1
T2	7		65	3	5	0600	34 57 S	136 3 E	19,0								1
T2	7		65	3	5	0700	35 9 S	136 3 E	19,5								1
T2	7		65	3	5	0800	35 15 S	135 57 E	19,9								1
T2	7		65	3	5	0900	35 27 S	135 51 E	19,8	35,77							1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	7		65	3	5	1000	35 33 S	135 51 E	19,9											1
T2	7		65	3	5	1100	35 39 S	135 51 E	19,6											1
T2	7		65	3	5	1120	35 45 S	135 45 E	19,7											1
T2	7		65	3	5	1200	35 51 S	135 39 E	20,1	35,73										1
T2	7		65	3	5	1237	35 51 S	135 39 E	13,7											1
T2	7		65	3	5	1300	35 51 S	135 39 E	19,9											1
T2	7		65	3	5	1349	35 51 S	135 33 E	19,9											1
T2	7		65	3	5	1400	35 51 S	135 33 E	19,7											1
T2	7		65	3	5	1435	35 51 S	135 39 E	19,7											1
T2	7		65	3	5	1500	35 51 S	135 45 E	19,6	35,74										1
T2	7		65	3	5	1600	35 57 S	135 39 E	19,9											1
T2	7		65	3	5	1625	35 57 S	135 39 E	19,7											1
T2	7		65	3	5	1700	35 57 S	135 39 E	19,5											1
T2	7		65	3	5	1800	35 57 S	135 33 E	19,4	35,59										1
T2	7		65	3	5	1900	35 51 S	135 39 E	19,4											1
T2	7		65	3	5	2000	35 45 S	135 45 E	19,3											1
T2	7		65	3	5	2100	35 39 S	135 51 E	19,1											1
T2	7		65	3	5	2200	35 33 S	135 57 E	18,9											1
T2	7		65	3	5	2300	35 33 S	135 57 E	16,2											1
T2	7		65	3	6	0800	35 15 S	136 3 E	18,5											1
T2	7		65	3	6	0900	35 3 S	136 3 E	18,9	36,26										1
T2	7		65	3	6	1000	34 51 S	136 3 E	18,7											1
T2	7		65	3	6	1100	34 45 S	136 3 E	20,8											1
T2	8		65	3	10	0600	34 57 S	135 3 E	19,1	35,76										1
T2	8		65	3	10	0700	34 57 S	134 57 E	19,1											1
T2	8		65	3	10	0800	35 3 S	134 51 E	19,2											1
T2	8		65	3	10	0900	34 57 S	134 51 E	19,2	35,75										1
T2	8		65	3	10	1000	34 51 S	134 45 E	19,1											1
T2	8		65	3	10	1020	34 51 S	134 39 E	19,1											1
T2	8		65	3	10	1100	34 45 S	134 45 E	19,2											1
T2	8		65	3	10	1200	34 51 S	134 57 E	18,6	35,77										1
T2	8		65	3	10	1300	34 45 S	135 3 E	18,4											1
T2	8		65	3	10	1400	34 45 S	134 57 E	18,8											1
T2	8		65	3	10	1420	34 45 S	134 51 E	18,5											1
T2	8		65	3	10	1500	34 45 S	134 51 E	19,4	35,76										1
T2	8		65	3	10	1532	34 45 S	134 45 E	19,3											1
T2	8		65	3	10	1600	34 45 S	134 45 E	19,3											1
T2	8		65	3	10	1609	34 45 S	134 51 E	19,3											1
T2	8		65	3	10	1700	34 39 S	134 51 E	19,4											1
T2	8		65	3	10	1800	34 51 S	134 45 E	19,4	35,76										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	8		65	3	10	1900	34 51 S	134 51 E	19,4											1
T2	8		65	3	10	2000	34 57 S	134 57 E	19,3											1
T2	8		65	3	10	2100	35 3 S	135 9 E	19,3	35,76										1
T2	8		65	3	10	2200	35 3 S	135 21 E	19,3											1
T2	8		65	3	11	0600	35 21 S	135 57 E	19,9	35,73										1
T2	8		65	3	11	0700	35 15 S	135 51 E	19,2											1
T2	8		65	3	11	0739	35 15 S	135 45 E	19,0											1
T2	8		65	3	11	0755	35 15 S	135 45 E	18,9											1
T2	8		65	3	11	0800	35 15 S	135 45 E	18,9											1
T2	8		65	3	11	0900	35 15 S	135 33 E	19,0	35,72										1
T2	8		65	3	11	1000	35 15 S	135 33 E	19,0											1
T2	8		65	3	11	1100	35 15 S	135 33 E	19,0											1
T2	8		65	3	11	1200	35 15 S	135 33 E	19,0	35,71										1
T2	8		65	3	11	1300	35 15 S	135 33 E	19,0											1
T2	8		65	3	11	1400	35 15 S	135 27 E	19,1											1
T2	8		65	3	11	1500	35 15 S	135 33 E	19,0	35,71										1
T2	8		65	3	11	1600	35 15 S	135 33 E	18,9											1
T2	8		65	3	11	1700	35 15 S	135 33 E	18,9											1
T2	8		65	3	11	1800	35 15 S	135 39 E	19,0	35,72										1
T2	11		65	3	14	2200	34 45 S	136 3 E	20,7											1
T2	11		65	3	15	0001	35 3 S	135 57 E	18,8											1
T2	11		65	3	15	0600	35 33 S	135 3 E	18,6	35,55										1
T2	11		65	3	15	0800	35 39 S	134 57 E	18,6											1
T2	11		65	3	15	0829	35 39 S	134 57 E	18,6											1
T2	11		65	3	15	0900	35 45 S	134 51 E	18,6	35,44										1
T2	11		65	3	15	0932	35 39 S	134 45 E	18,6											1
T2	11		65	3	15	1000	35 39 S	134 45 E	18,0											1
T2	11		65	3	15	1020	35 39 S	134 45 E	18,6											1
T2	11		65	3	15	1100	35 39 S	134 45 E	18,6											1
T2	11		65	3	15	1112	35 33 S	134 51 E	18,8											1
T2	11		65	3	15	1200	35 33 S	134 51 E	18,9											1
T2	11		65	3	15	1230	35 33 S	134 57 E	18,9											1
T2	11		65	3	15	1300	35 33 S	135 3 E	18,8											1
T2	11		65	3	15	1400	35 39 S	135 3 E	18,9											1
T2	11		65	3	15	1500	35 45 S	135 9 E	18,6	35,46										1
T2	11		65	3	15	1530	35 45 S	135 9 E	18,4											1
T2	11		65	3	15	1546	35 45 S	135 9 E	18,4											1
T2	11		65	3	15	1600	35 45 S	135 9 E	18,6											1
T2	11		65	3	15	1648	35 51 S	135 15 E	18,9											1
T2	11		65	3	15	1731	35 51 S	135 21 E	18,9											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN. AMT.	SEA DN. AMT.	SWELL DN. AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	11		65	3	15	1746	35 51 S	139 21 E	18,9								1
T2	11		65	3	15	1800	35 51 S	135 21 E	18,6	35,48							1
T2	11		65	3	15	1900	35 45 S	135 27 E	19,2								1
T2	11		65	3	16	0600	36 15 S	136 15 E	18,9	35,68							1
T2	11		65	3	16	0700	36 21 S	136 9 E	18,9								1
T2	11		65	3	16	0800	36 21 S	136 3 E	18,9								1
T2	11		65	3	16	0900	36 21 S	136 3 E	18,9	35,70							1
T2	11		65	3	16	1000	36 21 S	136 9 E	18,9								1
T2	11		65	3	16	1028	36 27 S	136 9 E	18,9								1
T2	11		65	3	16	1100	36 27 S	136 15 E	18,6								1
T2	11		65	3	16	1112	36 27 S	136 15 E	18,6								1
T2	11		65	3	16	1200	36 27 S	136 21 E	18,6	35,51							1
T2	11		65	3	16	1216	36 27 S	136 21 E	18,6								1
T2	11		65	3	16	1245	36 27 S	136 21 E	18,7								1
T2	11		65	3	16	1300	36 27 S	136 21 E	18,7								1
T2	11		65	3	16	1315	36 27 S	136 21 E	18,6								1
T2	11		65	3	16	1326	36 27 S	136 21 E	18,6								1
T2	11		65	3	16	1346	36 27 S	136 21 E	18,7								1
T2	11		65	3	16	1400	36 27 S	136 21 E	18,7								1
T2	11		65	3	16	1430	36 27 S	136 21 E	18,6								1
T2	11		65	3	16	1500	36 27 S	136 21 E	18,7	35,55							1
T2	11		65	3	16	1545	36 33 S	136 21 E	18,6								1
T2	11		65	3	16	1600	36 33 S	136 21 E	18,6								1
T2	11		65	3	16	1614	36 33 S	136 21 E	18,6								1
T2	11		65	3	16	1640	36 33 S	136 21 E	18,7								1
T2	11		65	3	16	1700	36 33 S	136 21 E	18,8								1
T2	11		65	3	16	1726	36 33 S	136 21 E	18,7								1
T2	11		65	3	16	1737	36 33 S	136 15 E	18,7								1
T2	11		65	3	16	1800	36 33 S	136 15 E	18,6								1
T2	11		65	3	16	1808	36 33 S	136 15 E	18,6								1
T2	11		65	3	16	1841	36 33 S	136 15 E	18,6								1
T2	11		65	3	16	1900	36 27 S	136 15 E	18,6								1
T2	11		65	3	16	2000	36 21 S	136 21 E	18,7								1
T2	11		65	3	17	0700	36 27 S	136 21 E	19,1								1
T2	11		65	3	17	0746	36 27 S	136 27 E	19,1								1
T2	11		65	3	17	0800	36 27 S	136 27 E	19,1								1
T2	11		65	3	17	0900	36 27 S	136 21 E	19,0	35,67							1
T2	11		65	3	17	0917	36 27 S	136 21 E	19,0								1
T2	11		65	3	17	0920	36 27 S	136 21 E	18,9								1
T2	11		65	3	17	1000	36 33 S	136 21 E	17,9								1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN. AMT.	SEA DN. AMT.	SWELL DN. AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	11		65	3	17	1020	36 33 S	136 21 E	17.8								1
T2	11		65	3	17	1100	36 33 S	136 21 E	17.8								1
T2	11		65	3	17	1122	36 39 S	136 21 E	17.8								1
T2	11		65	3	17	1200	36 39 S	136 21 E	17.8	35.35							1
T2	11		65	3	17	1231	36 39 S	136 21 E	17.8								1
T2	11		65	3	17	1300	36 39 S	136 21 E	17.8								1
T2	11		65	3	17	1400	36 45 S	136 21 E	18.2								1
T2	11		65	3	17	1500	36 33 S	136 21 E	18.9	35.77							1
T2	11		65	3	17	1532	36 33 S	136 21 E	18.9								1
T2	11		65	3	17	1553	36 33 S	136 15 E	18.9								1
T2	11		65	3	17	1600	36 33 S	136 15 E	18.9								1
T2	11		65	3	17	1645	36 33 S	136 21 E	18.9								1
T2	11		65	3	17	1700	36 33 S	136 15 E	18.9								1
T2	11		65	3	17	1712	36 39 S	136 9 E	18.8								1
T2	11		65	3	17	1721	36 39 S	136 9 E	18.8								1
T2	11		65	3	17	1800	36 45 S	136 3 E	17.8	35.34							1
T2	11		65	3	17	1810	36 45 S	136 3 E	17.8								1
T2	11		65	3	17	1840	36 45 S	136 3 E	17.7								1
T2	11		65	3	17	1900	36 45 S	136 3 E	17.7								1
T2	11		65	3	17	2000	36 33 S	136 3 E	17.7								1
T2	11		65	3	18	0800	35 3 S	135 51 E	18.2								1
T2	11		65	3	18	0900	35 3 S	136 9 E	18.0								1
T2	11		65	3	18	1000	34 51 S	136 3 E	18.5								1
T2	12		65	3	20	0600	35 21 S	135 57 E	18.3	35.57							1
T2	12		65	3	20	0700	35 33 S	135 51 E	18.5								1
T2	12		65	3	20	0800	35 39 S	135 51 E	18.6								1
T2	12		65	3	20	0900	35 51 S	135 51 E	18.9	35.59							1
T2	12		65	3	20	1000	35 57 S	135 51 E	19.1								1
T2	12		65	3	20	1040	36 9 S	135 51 E	18.6								1
T2	12		65	3	20	1100	36 9 S	135 51 E	18.6								1
T2	12		65	3	20	1200	36 9 S	135 51 E	18.6	35.50							1
T2	12		65	3	20	1300	36 9 S	135 45 E	18.6								1
T2	12		65	3	20	1335	36 15 S	135 45 E	18.6								1
T2	12		65	3	20	1400	36 15 S	135 45 E	18.6								1
T2	12		65	3	20	1452	36 21 S	135 45 E	17.2								1
T2	12		65	3	20	1500	36 21 S	135 45 E	17.4	35.95							1
T2	12		65	3	20	1600	36 21 S	135 45 E	17.3								1
T2	12		65	3	20	1700	36 27 S	135 45 E	17.4								1
T2	12		65	3	20	1800	36 27 S	135 45 E	17.6	35.37							1
T2	12		65	3	20	1900	36 27 S	135 45 E	17.8								1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
12	12		65	3	21	0600	35 33 S	133 51 E	17.8	35.86										1
12	12		65	3	21	0623	35 27 S	133 51 E	19.3											1
12	12		65	3	21	0700	35 27 S	133 51 E	19.3											1
12	12		65	3	21	0709	35 15 S	133 51 E	19.3											1
12	12		65	3	21	0730	35 15 S	133 51 E	18.8											1
12	12		65	3	21	0800	35 15 S	133 51 E	19.3											1
12	12		65	3	21	0843	35 9 S	133 51 E	19.6											1
12	12		65	3	21	0900	35 3 S	133 51 E	19.8	36.00										1
12	12		65	3	21	1000	34 57 S	133 57 E	19.6											1
12	12		65	3	21	1100	34 45 S	134 3 E	19.3											1
12	12		65	3	21	1200	34 39 S	134 9 E	19.4	35.83										1
12	12		65	3	21	1300	34 33 S	134 3 E	18.9											1
12	12		65	3	21	1400	34 21 S	134 9 E	18.9											1
12	12		65	3	21	1500	34 15 S	134 9 E	19.0	35.81										1
12	12		65	3	21	1600	34 9 S	134 9 E	18.9											1
12	12		65	3	21	1700	33 57 S	134 15 E	18.9											1
12	12		65	3	21	1800	33 57 S	134 15 E	18.6											1
12	12		65	3	21	1810	33 57 S	134 15 E	18.6											1
12	12		65	3	22	0900	33 57 S	134 15 E	18.3	35.82										1
12	12		65	3	22	1000	33 57 S	134 9 E	18.7											1
12	12		65	3	22	1100	33 57 S	134 9 E	19.1											1
12	12		65	3	22	1200	33 57 S	134 9 E	19.1	35.81										1
12	12		65	3	22	1300	33 57 S	134 9 E	19.3											1
12	12		65	3	22	1400	33 57 S	134 9 E	19.4											1
12	12		65	3	22	1500	33 57 S	134 9 E	19.4	35.86										1
12	12		65	3	22	1600	33 57 S	134 3 E	19.3											1
12	12		65	3	22	1700	33 57 S	134 3 E	19.2											1
12	12		65	3	22	1800	33 57 S	134 15 E	18.7	35.81										1
12	12		65	3	23	0700	34 57 S	133 45 E	19.7											1
12	12		65	3	23	0800	34 57 S	133 51 E	19.9											1
12	12		65	3	23	0900	35 3 S	133 57 E	19.9	35.98										1
12	12		65	3	23	1000	35 3 S	134 3 E	19.7											1
12	12		65	3	23	1100	35 3 S	134 3 E	19.8											1
12	12		65	3	23	1200	35 9 S	134 15 E	18.5	35.96										1
12	12		65	3	23	1300	35 15 S	134 21 E	18.5											1
12	12		65	3	23	1400	35 15 S	134 27 E	18.5											1
12	12		65	3	23	1500	35 21 S	134 33 E	18.5	35.92										1
12	12		65	3	23	1600	35 27 S	134 45 E	19.6											1
12	12		65	3	23	1700	35 33 S	134 57 E	19.6											1
12	12		65	3	23	1800	35 39 S	135 3 E	18.8	35.60										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	12	65	3	24	0700	36 9 S	135 27 E	18.0												1
T2	12	65	3	24	0800	36 3 S	135 33 E	17.2												1
T2	12	65	3	24	0900	36 3 S	135 33 E	18.3	35.74											1
T2	12	65	3	24	1000	36 3 S	135 39 E	18.0												1
T2	12	65	3	24	1100	36 9 S	135 45 E	17.9												1
T2	12	65	3	24	1200	36 21 S	135 51 E	18.3	35.50											1
T2	12	65	3	24	1300	36 15 S	135 45 E	17.6												1
T2	12	65	3	24	1400	36 9 S	135 39 E	18.3												1
T2	12	65	3	24	1500	36 3 S	135 33 E	18.4	35.51											1
T2	12	65	3	24	1600	36 3 S	135 33 E	18.4												1
T2	12	65	3	24	1700	35 57 S	135 33 E	18.3												1
T2	12	65	3	24	1800	35 51 S	135 33 E	17.8	35.41											1
T2	12	65	3	24	1900	35 51 S	135 27 E	18.1												1
T2	12	65	3	24	2000	35 39 S	135 21 E	18.1												1
T2	12	65	3	25	0700	35 39 S	135 15 E	18.6												1
T2	12	65	3	25	0800	35 39 S	135 21 E	18.9												1
T2	12	65	3	25	0900	35 45 S	135 21 E	19.3	35.42											1
T2	12	65	3	25	1000	35 51 S	135 27 E	19.2												1
T2	12	65	3	25	1100	35 57 S	135 27 E	18.6												1
T2	12	65	3	25	1200	36 3 S	135 33 E	18.8	35.54											1
T2	12	65	3	25	1300	36 15 S	135 39 E	19.0												1
T2	12	65	3	25	1400	36 21 S	135 45 E	19.2												1
T2	12	65	3	25	1500	36 27 S	135 45 E	18.8	35.56											1
T2	12	65	3	25	1600	36 27 S	135 45 E	18.8												1
T2	12	65	3	25	1700	36 27 S	135 51 E	18.7												1
T2	12	65	3	25	1800	36 27 S	135 57 E	18.6	35.55											1
T2	12	65	3	26	0900	36 21 S	135 57 E	18.1	35.48											1
T2	12	65	3	26	1000	36 27 S	135 51 E	17.6												1
T2	12	65	3	26	1100	36 33 S	135 51 E	18.1												1
T2	12	65	3	26	1200	36 33 S	135 51 E	18.0	35.39											1
T2	12	65	3	26	1300	36 27 S	135 51 E	17.8												1
T2	12	65	3	26	1400	36 21 S	135 51 E	17.9												1
T2	12	65	3	26	1500	36 21 S	135 51 E	18.1	35.35											1
T2	12	65	3	26	1600	36 15 S	135 45 E	18.8												1
T2	12	65	3	26	1700	36 9 S	135 51 E	19.1												1
T2	12	65	3	26	1800	36 15 S	135 51 E	17.8	35.36											1
T2	12	65	3	26	1900	36 15 S	135 57 E	17.9												1
T2	16	65	3	29	0900	35 3 S	136 3 E	17.7	35.86											1
T2	16	65	3	29	1000	35 15 S	136 3 E	18.3												1
T2	16	65	3	29	1100	35 15 S	136 9 E	18.6												1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	16		65	3	29	1200	35 21 S	136 9 E	18,3	35,81										1
T2	16		65	3	29	1300	35 21 S	136 9 E	18,4											1
T2	16		65	3	30	0830	36 39 S	135 57 E	18,9											1
T2	16		65	3	30	0900	36 39 S	136 3 E	18,3	35,53										1
T2	16		65	3	30	1135	36 33 S	135 3 E	17,2											1
T2	16		65	3	30	1200	36 33 S	135 3 E	17,2	35,65										1
T2	16		65	3	30	1300	36 21 S	134 51 E	17,6											1
T2	16		65	3	30	1400	36 9 S	134 45 E	17,5											1
T2	16		65	3	30	1500	36 3 S	134 33 E	17,7	35,37										1
T2	16		65	3	30	1745	36 33 S	135 45 E	18,3											1
T2	16		65	3	30	1845	36 33 S	135 45 E	18,4											1
T2	16		65	3	31	0700	36 33 S	135 27 E	18,6											1
T2	16		65	3	31	0800	36 39 S	135 33 E	18,8											1
T2	16		65	3	31	0900	36 39 S	135 39 E	18,4	35,57										1
T2	16		65	3	31	0950	36 39 S	135 45 E	18,4											1
T2	16		65	3	31	1000	36 39 S	135 45 E	18,6											1
T2	16		65	3	31	1015	36 39 S	135 45 E	18,6											1
T2	16		65	3	31	1040	36 39 S	135 45 E	18,8											1
T2	16		65	3	31	1200	36 27 S	135 57 E	18,6	35,72										1
T2	16		65	3	31	1300	36 33 S	135 57 E	18,9											1
T2	16		65	3	31	1415	36 27 S	135 51 E	18,9											1
T2	16		65	3	31	1500	36 21 S	135 51 E	18,8	35,55										1
T2	16		65	3	31	1600	36 27 S	135 57 E	18,7											1
T2	16		65	3	31	1700	36 33 S	136 3 E	18,4											1
T2	16		65	4	1	0900	36 39 S	135 57 E	18,8											1
T2	16		65	4	1	1200	36 27 S	135 39 E	19,0											1
T2	16		65	4	1	1300	36 27 S	135 39 E	19,0											1
T2	16		65	4	1	1500	36 3 S	135 51 E	19,0											1
T2	16		65	4	1	1600	35 57 S	135 57 E	19,0											1
T2	16		65	4	1	1700	35 51 S	135 51 E	18,7											1
T2	16		65	4	1	1800	35 39 S	135 51 E	18,7											1
T2	17		65	4	6	0700	35 51 S	135 51 E	19,2											1
T2	17		65	4	6	0800	35 57 S	135 51 E	19,1											1
T2	17		65	4	6	0900	36 9 S	135 51 E	19,1	35,61										1
T2	17		65	4	6	1000	36 9 S	135 51 E	18,8											1
T2	17		65	4	6	1100	36 9 S	135 51 E	18,8											1
T2	17		65	4	6	1200	36 9 S	135 51 E	18,5	35,59										1
T2	17		65	4	6	1300	36 9 S	135 51 E	18,8											1
T2	17		65	4	6	1400	36 9 S	135 51 E	18,8											1
T2	17		65	4	6	1500	36 9 S	135 51 E	18,6	35,61										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	17		65	4	6	1600	36 9 S	135 51 E	18,4											1
T2	17		65	4	6	1700	36 9 S	135 45 E	18,8											1
T2	17		65	4	6	1800	36 9 S	135 45 E	18,3	35,52										1
T2	17		65	4	7	0800	35 51 S	135 39 E	18,6											1
T2	17		65	4	7	0900	35 57 S	135 39 E	18,6	35,75										1
T2	17		65	4	7	1000	36 3 S	135 45 E	18,8											1
T2	17		65	4	7	1100	36 9 S	135 51 E	18,4											1
T2	17		65	4	7	1200	36 15 S	135 57 E	18,7	35,73										1
T2	17		65	4	7	1300	36 21 S	136 3 E	18,4											1
T2	17		65	4	7	1400	36 21 S	136 3 E	18,3											1
T2	17		65	4	7	1500	36 27 S	136 3 E	17,8	35,43										1
T2	17		65	4	7	1600	36 33 S	136 9 E	17,8											1
T2	17		65	4	7	1700	36 27 S	136 9 E	18,5											1
T2	17		65	4	7	1800	36 21 S	136 3 E	18,3	35,62										1
T2	17		65	4	8	0700	36 9 S	135 51 E	18,3											1
T2	17		65	4	8	0800	36 9 S	135 57 E	18,5											1
T2	17		65	4	8	0900	36 15 S	135 57 E	18,4	35,95										1
T2	17		65	4	8	1000	36 15 S	136 3 E	18,6											1
T2	17		65	4	8	1100	36 15 S	136 3 E	18,6											1
T2	17		65	4	8	1200	36 9 S	136 3 E	18,9	35,75										1
T2	17		65	4	8	1300	36 15 S	136 3 E	18,8											1
T2	17		65	4	8	1400	36 21 S	136 3 E	19,9											1
T2	17		65	4	8	1500	36 27 S	136 9 E	19,9	35,64										1
T2	17		65	4	8	1600	36 21 S	136 9 E	19,5											1
T2	17		65	4	8	1700	36 21 S	136 9 E	19,0											1
T2	17		65	4	8	1800	36 27 S	136 15 E	18,8	35,97										1
T2	17		65	4	9	0800	36 21 S	135 45 E	18,1											1
T2	17		65	4	9	0900	36 15 S	135 45 E	18,3	35,81										1
T2	17		65	4	9	1000	36 15 S	135 51 E	18,4											1
T2	17		65	4	9	1100	36 9 S	135 57 E	18,3											1
T2	17		65	4	9	1200	36 15 S	136 3 E	18,5	35,86										1
T2	17		65	4	9	1300	36 21 S	136 9 E	18,9											1
T2	17		65	4	9	1400	36 21 S	136 15 E	18,8											1
T2	17		65	4	9	1500	36 21 S	136 21 E	18,8	35,84										1
T2	17		65	4	9	1600	36 15 S	136 21 E	18,6											1
T2	17		65	4	9	1700	36 9 S	136 21 E	18,3											1
T2	17		65	4	9	1800	36 3 S	136 21 E	18,6	35,75										1
T2	17		65	4	9	1900	35 51 S	136 15 E	18,6											1
T2	19		65	4	13	0600	35 33 S	135 33 E	18,1	35,81										1
T2	19		65	4	13	0700	35 39 S	135 33 E	18,4											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	19		65	4	13	0800	35 45 S	135 33 E	18.6											1
T2	19		65	4	13	0900	35 45 S	135 39 E	18.8	35.82										1
T2	19		65	4	13	1000	35 45 S	135 51 E	18.8											1
T2	19		65	4	13	1100	35 39 S	135 51 E	18.8											1
T2	19		65	4	13	1200	35 33 S	135 57 E	18.9	35.75										1
T2	19		65	4	13	1300	35 27 S	135 57 E	18.3											1
T2	19		65	4	13	1400	35 21 S	136 3 E	18.1											1
T2	19		65	4	13	1500	35 15 S	136 9 E	18.1	35.79										1
T2	19		65	4	13	1600	35 21 S	136 15 E	18.1											1
T2	19		65	4	13	1700	35 27 S	136 9 E	17.9											1
T2	19		65	4	13	1740	35 21 S	136 9 E	18.1											1
T2	19		65	4	14	0835	35 21 S	136 9 E	17.8											1
T2	19		65	4	14	0900	35 21 S	136 9 E	18.0	35.73										1
T2	19		65	4	14	1000	35 33 S	136 15 E	18.4											1
T2	19		65	4	14	1039	35 39 S	136 15 E	18.4											1
T2	19		65	4	14	1100	35 39 S	136 15 E	18.2											1
T2	19		65	4	14	1103	35 39 S	136 15 E	18.2											1
T2	19		65	4	14	1136	35 45 S	136 15 E	18.6											1
T2	19		65	4	14	1145	35 45 S	136 15 E	18.6											1
T2	19		65	4	14	1200	35 45 S	136 15 E	18.8	35.77										1
T2	19		65	4	14	1214	35 45 S	136 15 E	18.6											1
T2	19		65	4	14	1226	35 45 S	136 15 E	18.6											1
T2	19		65	4	14	1233	35 45 S	136 15 E	18.6											1
T2	19		65	4	14	1243	35 51 S	136 15 E	18.7											1
T2	19		65	4	14	1300	35 51 S	136 15 E	18.8											1
T2	19		65	4	14	1314	35 51 S	136 15 E	18.8											1
T2	19		65	4	14	1400	35 51 S	136 15 E	18.6											1
T2	19		65	4	14	1500	35 57 S	136 15 E	18.4	35.70										1
T2	19		65	4	14	1600	36 9 S	136 21 E	18.4											1
T2	19		65	4	14	1615	36 9 S	136 21 E	18.4											1
T2	19		65	4	14	1629	36 9 S	136 21 E	18.4											1
T2	19		65	4	14	1631	36 9 S	136 21 E	18.4											1
T2	19		65	4	14	1643	36 15 S	136 15 E	18.6											1
T2	19		65	4	14	1656	36 15 S	136 15 E	18.6											1
T2	19		65	4	14	1700	36 15 S	136 15 E	18.8											1
T2	19		65	4	14	1713	36 15 S	136 15 E	18.7											1
T2	19		65	4	14	1740	36 21 S	136 21 E	18.6											1
T2	19		65	4	14	1800	36 21 S	136 21 E	18.6	35.73										1
T2	19		65	4	14	1815	36 21 S	136 21 E	18.6											1
T2	21		65	4	26	0800	35 3 S	135 45 E	17.4											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	21	65	4	26	0900	35 3 S	135 33 E	17.7	35.82										1
T2	21	65	4	26	1000	35 3 S	135 27 E	17.4											1
T2	21	65	4	26	1100	35 3 S	135 21 E	17.6											1
T2	21	65	4	26	1200	35 3 S	135 15 E	17.7	35.82										1
T2	21	65	4	26	1300	35 9 S	135 21 E	17.7											1
T2	21	65	4	26	1400	35 9 S	135 27 E	17.8											1
T2	21	65	4	26	1500	35 15 S	135 39 E	17.9	35.88										1
T2	21	65	4	26	1600	35 15 S	135 51 E	18.0											1
T2	21	65	4	26	1700	35 21 S	135 57 E	17.9											1
T2	21	65	4	26	1800	35 21 S	136 9 E	17.9	36.18										1
T2	21	65	4	27	0800	35 21 S	135 45 E	18.3											1
T2	21	65	4	27	0900	35 15 S	135 33 E	18.1	35.86										1
T2	21	65	4	27	1000	35 15 S	135 45 E	18.0											1
T2	21	65	4	27	1100	35 9 S	135 51 E	17.9											1
T2	21	65	4	27	1200	35 3 S	135 57 E	17.7	35.82										1
T2	21	65	4	27	1300	34 57 S	136 3 E	17.4											1
T2	21	65	4	27	1400	34 45 S	136 3 E	17.2											1
T2	23	65	4	28	0800	35 9 S	135 27 E	17.8											1
T2	23	65	4	28	0900	35 3 S	135 9 E	17.8	35.84										1
T2	23	65	4	28	1000	34 57 S	135 9 E	17.6											1
T2	23	65	4	28	1100	34 51 S	135 9 E	17.4											1
T2	23	65	4	28	1200	34 45 S	135 9 E	17.4	35.84										1
T2	23	65	4	28	1300	34 51 S	135 9 E	17.4											1
T2	23	65	4	28	1400	34 51 S	135 9 E	17.4											1
T2	23	65	4	28	1500	34 51 S	135 9 E	17.6	35.82										1
T2	23	65	4	28	1600	34 51 S	135 9 E	17.8											1
T2	23	65	4	28	1700	34 51 S	135 9 E	17.4											1
T2	23	65	4	29	0800	34 45 S	135 9 E	17.5											1
T2	23	65	4	29	0900	34 51 S	135 9 E	17.6	35.82										1
T2	23	65	4	29	1000	34 51 S	135 15 E	17.6											1
T2	23	65	4	29	1100	34 51 S	135 15 E	17.4											1
T2	23	65	4	29	1200	34 51 S	135 15 E	17.8	35.79										1
T2	23	65	4	29	1300	34 45 S	135 9 E	17.8											1
T2	23	65	4	29	1400	34 51 S	135 15 E	17.8											1
T2	23	65	4	29	1500	34 51 S	135 15 E	17.8	35.82										1
T2	23	65	4	29	1600	34 51 S	135 15 E	17.9											1
T2	23	65	4	29	1700	34 51 S	135 15 E	17.9											1
T2	23	65	4	29	1800	34 57 S	135 27 E	17.8	35.84										1
T2	23	65	4	29	1900	35 3 S	135 27 E	17.8											1
T2	23	65	4	30	0700	35 3 S	135 15 E	17.4											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2	23		65	4	30	0800	34 57 S	135 9 E	17,4											1
T2	23		65	4	30	0900	34 51 S	135 15 E	17,3	35,79										1
T2	23		65	4	30	1000	34 51 S	135 15 E	17,3											1
T2	23		65	4	30	1100	34 51 S	135 15 E	17,4											1
T2	23		65	4	30	1200	34 51 S	135 15 E	18,6	35,81										1
T2	23		65	4	30	1300	34 51 S	135 15 E	17,7											1
T2	23		65	4	30	1400	34 51 S	135 15 E	18,0											1
T2	23		65	4	30	1500	34 57 S	135 21 E	17,8	35,81										1
T2	23		65	4	30	1600	34 57 S	135 27 E	17,8											1
T2	23		65	4	30	1700	34 57 S	135 39 E	17,4											1
T2	23		65	4	30	1800	35 3 S	135 51 E	17,7											1
T2	23		65	4	30	1900	35 3 S	135 57 E	17,6											1
T2	23		65	4	30	2000	34 51 S	135 57 E	17,5											1
T2	23		65	4	30	2100	34 45 S	136 3 E	17,4											1
T2			65	11	15	0600	37 3 S	149 57 E	16,1											G
T2			65	11	15	0700	37 3 S	150 9 E	15,8											G
T2			65	11	15	0800	37 3 S	150 15 E	16,7											G
T2			65	11	15	0900	37 3 S	150 27 E	17,8											G
T2			65	11	15	1000	36 57 S	150 21 E	18,3											G
T2			65	11	15	1100	36 45 S	150 21 E	18,6											G
T2			65	11	15	1200	36 33 S	150 21 E	18,9											G
T2			65	11	15	1300	36 27 S	150 33 E	18,9											G
T2			65	11	15	1400	36 15 S	150 33 E	18,9											G
T2			65	11	15	1500	36 9 S	150 33 E	18,6											G
T2			65	11	15	1600	36 15 S	150 33 E	18,9											G
T2			65	11	15	1700	36 15 S	150 27 E	18,9											G
T2			65	11	15	1800	36 15 S	150 27 E	19,2											G
T2			65	11	15	1900	36 21 S	150 15 E	18,9											G
T2			65	11	16	1100	36 27 S	150 15 E	17,8											G
T2			65	11	16	1200	36 27 S	150 21 E	17,8											G
T2			65	11	16	1300	36 39 S	150 15 E	18,1											G
T2			65	11	16	1400	36 45 S	150 9 E	17,5											G
T2			65	11	18	0900	37 3 S	149 57 E	16,9											G
T2			65	11	18	1000	36 51 S	150 3 E	15,3											G
T2			65	11	18	1100	36 39 S	150 15 E	15,8											G
T2			65	11	18	1200	36 33 S	150 21 E	17,1											G
T2			65	11	18	1300	36 33 S	150 27 E	17,8											G
T2			65	11	18	1400	36 33 S	150 27 E	18,8											G
T2			65	11	18	1500	36 27 S	150 27 E	18,8											G
T2			65	11	18	1600	36 33 S	150 27 E	18,9											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2			65	11	18	1700	36 33 S	150 33 E	18,9											G
T2			65	11	18	1800	36 27 S	150 39 E	18,6											G
T2			65	11	18	1900	36 21 S	150 33 E	18,3											G
T2			65	11	18	2000	36 15 S	150 21 E	18,4											G
T2			65	11	18	2100	36 15 S	150 21 E	18,6											G
T2			65	11	18	2200	36 15 S	150 15 E	18,3											G
T2			65	11	19	0600	36 15 S	150 21 E	17,5											G
T2			65	11	19	0700	36 21 S	150 33 E	17,8											G
T2			65	11	19	0800	36 27 S	150 33 E	17,8											G
T2			65	11	19	0900	36 33 S	150 27 E	18,1											G
T2			65	11	19	1000	36 39 S	150 27 E	18,3											G
T2			65	11	19	1100	36 45 S	150 27 E	18,7											G
T2			65	11	19	1200	36 33 S	150 27 E	18,6											G
T2			65	11	19	1300	36 21 S	150 27 E	18,6											G
T2			65	11	19	1400	36 15 S	150 27 E	18,6											G
T2			65	11	19	1500	36 21 S	150 27 E	18,8											G
T2			65	11	19	1600	36 21 S	150 21 E	18,6											G
T2			65	11	19	1700	36 15 S	150 15 E	18,3											G
T2			65	11	20	0800	36 9 S	150 15 E	18,1											G
T2			65	11	20	0900	36 9 S	150 27 E	17,9											G
T2			65	11	20	1000	36 21 S	150 27 E	18,3											G
T2			65	11	20	1100	36 27 S	150 21 E	18,2											G
T2			65	11	20	1200	36 39 S	150 21 E	18,3											G
T2			65	11	20	1300	36 51 S	150 15 E	18,3											G
T2			65	11	20	1400	36 57 S	150 15 E	18,3											G
T2			65	11	20	1500	37 3 S	150 9 E	17,8											G
T2			65	11	20	1600	37 3 S	149 57 E	16,2											G
T2			65	11	22	0800	36 27 S	150 15 E	18,1											G
T2			65	11	22	0900	36 27 S	150 21 E	18,1											G
T2			65	11	22	1000	36 21 S	150 27 E	18,1											G
T2			65	11	22	1100	36 15 S	150 33 E	18,1											G
T2			65	11	22	1200	36 27 S	150 27 E	17,9											G
T2			65	11	22	1300	36 21 S	150 21 E	18,1											G
T2			65	11	22	1400	36 27 S	150 15 E	18,2											G
T2			65	11	22	1500	36 21 S	150 9 E	18,1											G
T2			65	11	23	0900	36 21 S	150 15 E	17,8											G
T2			65	11	23	1000	36 27 S	150 21 E	17,9											G
T2			65	11	23	1100	36 33 S	150 21 E	18,0											G
T2			65	11	23	1200	36 45 S	150 15 E	17,8											G
T2			65	11	23	1300	36 57 S	150 9 E	17,5											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2			65	11	26	0600	37 3 S	150 3 E	15,6											G
T2			65	11	26	0700	36 57 S	150 9 E	17,2											G
T2			65	11	26	0800	36 51 S	150 21 E	17,5											G
T2			65	11	26	0900	36 39 S	150 21 E	17,3											G
T2			65	11	26	1000	36 33 S	150 21 E	17,4											G
T2			65	11	26	1100	36 33 S	150 33 E	17,8											G
T2			65	11	26	1200	36 21 S	150 39 E	18,0											G
T2			65	11	26	1300	36 15 S	150 45 E	18,4											G
T2			65	11	26	1400	36 15 S	150 33 E	17,8											G
T2			65	11	26	1500	36 15 S	150 21 E	17,8											G
T2			65	11	26	1600	36 15 S	150 3 E	17,8											G
T2			65	11	26	1700	36 21 S	150 9 E	17,8											G
T2			65	11	27	0700	36 21 S	150 9 E	17,5											G
T2			65	11	27	0800	36 21 S	150 21 E	17,7											G
T2			65	11	27	0900	36 21 S	150 33 E	17,8											G
T2			65	11	27	1000	36 9 S	150 33 E	17,8											G
T2			65	11	27	1100	35 57 S	150 33 E	17,7											G
T2			65	11	27	1200	35 45 S	150 27 E	18,3											G
T2			65	11	27	1300	35 39 S	150 33 E	18,3											G
T2			65	11	27	1400	35 33 S	150 39 E	18,3											G
T2			65	11	27	1500	35 33 S	150 39 E	18,2											G
T2			65	11	27	1600	35 27 S	150 45 E	18,2											G
T2			65	11	27	1700	35 21 S	150 39 E	17,9											G
T2			65	11	28	1300	35 21 S	150 33 E	17,8											G
T2			65	11	28	1400	35 21 S	150 45 E	18,4											G
T2			65	11	28	1500	35 15 S	150 57 E	18,9											G
T2			65	11	28	1600	35 21 S	150 57 E	19,2											G
T2			65	11	28	1700	35 15 S	150 57 E	18,9											G
T2			65	11	28	1800	35 9 S	151 3 E	18,9											G
T2			65	11	29	0600	35 3 S	150 57 E	18,3											G
T2			65	11	29	0700	35 3 S	151 3 E	18,3											G
T2			65	11	29	0800	35 9 S	151 3 E	18,6											G
T2			65	11	29	0900	35 15 S	151 3 E	18,9											G
T2			65	11	29	1000	35 15 S	151 3 E	18,9											G
T2			65	11	29	1100	35 21 S	151 3 E	18,3											G
T2			65	11	29	1200	35 15 S	151 3 E	18,9											G
T2			65	11	29	1300	35 9 S	151 3 E	18,9											G
T2			65	11	29	1400	35 9 S	150 51 E	18,9											G
T2			65	11	30	0900	35 3 S	151 3 E	18,6											G
T2			65	11	30	1000	35 9 S	151 3 E	18,9											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T2			65	11	30	1100	35 15 S	150 57 E	19.4											G
T2			65	11	30	1200	35 27 S	150 57 E	18.9											G
T2			65	11	30	1300	35 33 S	150 45 E	18.3											G
T2			65	11	30	1400	35 21 S	150 39 E	18.3											G
T2	35		65	12	2	1000	35 21 S	150 39 E	16.7	35.43										1
T2	35		65	12	2	1100	35 15 S	150 51 E	17.9	35.48										1
T2	35		65	12	2	1200	35 15 S	150 57 E	18.3	35.52										1
T2	35		65	12	2	1300	35 27 S	150 45 E	18.9	35.55										1
T2	35		65	12	2	1400	35 33 S	150 51 E	18.8	35.55										1
T2	35		65	12	2	1500	35 27 S	150 39 E	18.2	35.50										1
T2	35		65	12	2	1600	35 21 S	150 33 E	17.1	35.43										1
T2	29		65	12	27	0700	37 3 S	149 57 E	18.1											1
T2	29		65	12	27	0800	37 3 S	150 3 E	19.7											1
T2	29		65	12	27	0825	37 9 S	150 9 E	19.7											1
T2	29		65	12	27	0900	37 9 S	150 15 E	19.3	35.73										1
T2	29		65	12	27	1000	37 15 S	150 21 E	19.3											1
T2	29		65	12	27	1100	37 15 S	150 15 E	19.6											1
T2	29		65	12	27	1200	37 9 S	150 9 E	20.0	35.77										1
T2	29		65	12	27	1300	36 57 S	150 9 E	20.3											1
T2	29		65	12	27	1400	36 45 S	150 15 E	19.7											1
T2	29		65	12	27	1500	36 45 S	150 21 E	19.8	35.70										1
T2	29		65	12	27	1600	36 51 S	150 21 E	20.1											1
T2	29		65	12	27	1700	36 57 S	150 3 E	20.0											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T3	10		65	11	19	0600	37 3 S	149 57 E	15.6	35.43										1
T3	10		65	11	19	0700	37 3 S	149 57 E	15.6											1
T3	10		65	11	19	0740	36 57 S	150 9 E	16.4	35.61										1
T3	10		65	11	19	0800	36 51 S	150 9 E	16.4											1
T3	10		65	11	19	0845	36 57 S	150 21 E	16.7	35.53										1
T3	10		65	11	19	0850	36 57 S	150 21 E	17.5	35.59										1
T3	10		65	11	19	0900	36 51 S	150 15 E	18.1	35.64										1
T3	10		65	11	19	0915	36 45 S	150 21 E	18.3											1
T3	10		65	11	19	0955	36 45 S	150 21 E	18.2											1
T3	10		65	11	19	1000	36 39 S	150 21 E	18.1											1
T3	10		65	11	19	1005	36 39 S	150 21 E	18.2											1
T3	10		65	11	19	1020	36 39 S	150 21 E	18.2											1
T3	10		65	11	19	1025	36 39 S	150 21 E	18.4											1
T3	10		65	11	19	1050	36 39 S	150 21 E	18.6											1
T3	10		65	11	19	1100	36 33 S	150 21 E	18.6											1
T3	10		65	11	19	1200	36 27 S	150 21 E	18.6											1
T3	10		65	11	19	1220	36 27 S	150 21 E	18.4											1
T3	10		65	11	19	1300	36 21 S	150 27 E	18.6											1
T3	10		65	11	19	1400	36 15 S	150 15 E	18.6											1
T3	10		65	11	19	1500	36 21 S	150 27 E	18.4	35.61										1
T3	10		65	11	19	1600	36 15 S	150 15 E	18.4											1
T3	10		65	11	20	0730	36 15 S	150 15 E	17.9											1
T3	10		65	11	20	0800	36 15 S	150 15 E	18.1											1
T3	10		65	11	20	0900	36 9 S	150 21 E	18.3	35.66										1
T3	10		65	11	20	1000	36 9 S	150 27 E	18.4											1
T3	10		65	11	20	1100	36 15 S	150 27 E	18.3											1
T3	10		65	11	20	1200	36 21 S	150 27 E	18.6	35.62										1
T3	10		65	11	20	1300	36 27 S	150 27 E	18.6											1
T3	10		65	11	20	1400	36 39 S	150 21 E	18.3											1
T3	10		65	11	20	1500	36 51 S	150 15 E	18.2	35.59										1
T3	10		65	11	20	1600	37 3 S	150 3 E	16.8											1
T3	13		65	11	22	0600	37 3 S	149 57 E	17.5	35.59										1
T3	13		65	11	22	0800	36 57 S	150 15 E	17.2											1
T3	13		65	11	22	0815	36 57 S	150 15 E	17.5											1
T3	13		65	11	22	0830	36 57 S	150 21 E	17.8											1
T3	13		65	11	22	0845	36 57 S	150 21 E	17.9	35.68										1
T3	13		65	11	22	0900	36 51 S	150 27 E	17.6	35.68										1
T3	13		65	11	22	0905	36 51 S	150 27 E	17.9											1
T3	13		65	11	22	0910	36 51 S	150 27 E	17.9											1
T3	13		65	11	22	1000	36 45 S	150 27 E	17.9											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T3	13		65	11	22	1100	36 39 S	150 27 E	18.2											1
T3	13		65	11	22	1200	36 33 S	150 27 E	17.8											1
T3	13		65	11	22	1300	36 27 S	150 27 E	18.1											1
T3	13		65	11	22	1400	36 21 S	150 27 E	18.1											1
T3	13		65	11	22	1410	36 21 S	150 27 E	18.1	35,62										1
T3	13		65	11	22	1500	36 15 S	150 21 E	18.1	35,73										1
T3	13		65	11	22	1600	36 15 S	150 15 E	17.8											1
T3	13		65	11	23	0900	36 15 S	150 15 E	17.5	35,64										1
T3	13		65	11	23	1000	36 15 S	150 21 E	18.1											1
T3	13		65	11	23	1100	36 21 S	150 21 E	18.4											1
T3	13		65	11	23	1200	36 33 S	150 15 E	18.2	35,71										1
T3	13		65	11	23	1300	36 39 S	150 9 E	18.1											1
T3	13		65	11	23	1400	36 45 S	150 9 E	16.6											1
T3	13		65	11	23	1500	37 3 S	149 57 E	15.8	35,43										1
T3	15		65	11	24	0700	36 57 S	150 3 E	16.4											1
T3	15		65	11	24	0800	36 51 S	150 15 E	17.5											1
T3	15		65	11	24	0900	37 3 S	149 57 E	15.9	35,46										1
T3	16		65	11	26	0700	37 3 S	149 57 E	15.4											1
T3	16		65	11	26	0800	36 57 S	150 3 E	16.8											1
T3	16		65	11	26	0900	36 51 S	150 21 E	17.6	35,66										1
T3	16		65	11	26	0920	36 51 S	150 21 E	17.8											1
T3	16		65	11	26	0935	36 45 S	150 21 E	17.9	35,66										1
T3	16		65	11	26	0945	36 45 S	150 21 E	17.9	35,57										1
T3	16		65	11	26	1000	36 39 S	150 21 E	17.9											1
T3	16		65	11	26	1100	36 33 S	150 21 E	18.1											1
T3	16		65	11	26	1130	36 33 S	150 21 E	18.0											1
T3	16		65	11	26	1200	36 27 S	150 21 E	18.2	35,62										1
T3	16		65	11	26	1230	36 21 S	150 15 E	18.1											1
T3	16		65	11	26	1235	36 21 S	150 15 E	18.2	35,66										1
T3	16		65	11	26	1300	36 21 S	150 15 E	18.1											1
T3	16		65	11	26	1400	36 21 S	150 15 E	18.2											1
T3	16		65	11	26	1445	36 27 S	150 15 E	18.2											1
T3	16		65	11	26	1500	36 33 S	150 15 E	18.2	35,64										1
T3	16		65	11	26	1600	36 39 S	150 15 E	18.2											1
T3	16		65	11	26	1700	36 45 S	150 9 E	17.2											1
T3	16		65	11	26	1745	36 51 S	150 3 E	16.3	35,39										1
T3	16		65	11	26	1800	36 51 S	150 3 E	15.4											1
T3	16		65	11	26	1900	36 57 S	150 3 E	15.4											1
T3	18		65	11	28	1000	37 3 S	149 57 E	16.3											1
T3	18		65	11	28	1100	37 3 S	150 3 E	17.3											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T3	18		65	11	28	1200	37 3 S	150 9 E	16.4	35.50										1
T3	18		65	11	28	1300	36 57 S	150 3 E	17.3											1
T3	18		65	11	28	1400	36 51 S	150 3 E	17.5											1
T3	18		65	11	28	1500	36 39 S	150 9 E	17.5	35.61										1
T3	18		65	11	28	1600	36 27 S	150 15 E	17.5											1
T3	18		65	11	28	1700	36 21 S	150 15 E	17.4											1
T3	18		65	11	29	0700	36 9 S	150 15 E	17.5											1
T3	18		65	11	29	0800	36 3 S	150 21 E	17.8											1
T3	18		65	11	29	0900	36 3 S	150 27 E	18.1	35.64										1
T3	18		65	11	29	0930	35 57 S	150 27 E	18.1											1
T3	18		65	11	29	1000	35 51 S	150 27 E	17.9											1
T3	18		65	11	29	1100	35 45 S	150 33 E	18.1											1
T3	18		65	11	29	1200	35 39 S	150 33 E	17.9	35.59										1
T3	18		65	11	29	1230	35 39 S	150 33 E	17.6											1
T3	18		65	11	29	1300	35 33 S	150 33 E	17.1											1
T3	18		65	11	29	1400	35 27 S	150 33 E	17.7											1
T3	18		65	11	30	0720	35 27 S	150 33 E	17.6											1
T3	18		65	11	30	0800	35 27 S	150 39 E	17.8											1
T3	18		65	11	30	0820	35 27 S	150 39 E	18.1											1
T3	18		65	11	30	0845	35 27 S	150 39 E	18.2	35.61										1
T3	18		65	11	30	0900	35 27 S	150 39 E	18.4	35.68										1
T3	18		65	11	30	0920	35 27 S	150 45 E	18.7											1
T3	18		65	11	30	0930	35 27 S	150 45 E	18.7	35.68										1
T3	18		65	11	30	0945	35 33 S	150 45 E	18.7											1
T3	18		65	11	30	1000	35 33 S	150 45 E	18.6											1
T3	18		65	11	30	1030	35 33 S	150 51 E	19.1											1
T3	18		65	11	30	1100	35 27 S	150 51 E	19.2	35.61										1
T3	18		65	11	30	1200	35 15 S	150 57 E	19.1	35.70										1
T3	18		65	11	30	1230	35 9 S	151 3 E	19.1											1
T3	18		65	11	30	1300	35 3 S	151 3 E	18.6											1
T3	18		65	11	30	1340	35 3 S	151 9 E	19.1											1
T3	18		65	11	30	1400	35 9 S	151 3 E	19.1											1
T3	18		65	11	30	1445	35 9 S	151 3 E	19.1	35.70										1
T3	18		65	11	30	1500	35 9 S	151 3 E	19.6	35.70										1
T3	18		65	11	30	1610	35 9 S	150 57 E	19.0	35.64										1
T3	18		65	11	30	1700	35 9 S	150 57 E	19.0											1
T3	18		65	11	30	1800	35 9 S	150 45 E	17.9	35.62										1
T3	18		65	12	2	0800	35 3 S	150 45 E	17.9											1
T3	18		65	12	2	0900	35 9 S	150 51 E	18.0	35.59										1
T3	18		65	12	2	0935	35 9 S	150 57 E	19.1	35.55										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T3	18		65	12	2	1000	35 15 S	150 57 E	19.1											1
T3	18		65	12	2	1100	35 21 S	150 51 E	19.0											1
T3	18		65	12	2	1110	35 21 S	150 51 E	18.3											1
T3	18		65	12	2	1120	35 21 S	150 51 E	18.5											1
T3	18		65	12	2	1200	35 21 S	150 57 E	18.5	35,55										1
T3	18		65	12	2	1230	35 21 S	150 57 E	18.7											1
T3	18		65	12	2	1240	35 21 S	150 51 E	18.9											1
T3	18		65	12	2	1300	35 27 S	150 45 E	19.1											1
T3	18		65	12	2	1400	35 21 S	150 39 E	17.9											1
T3	18		65	12	2	1500	35 21 S	150 33 E	17.4	35,48										1
T3	18		65	12	3	0600	35 21 S	150 33 E	17.2	35,48										1
T3	18		65	12	3	0700	35 21 S	150 39 E	18.5											1
T3	18		65	12	3	0730	35 21 S	150 39 E	18.9											1
T3	18		65	12	3	0800	35 21 S	150 51 E	19.4											1
T3	18		65	12	3	0810	35 21 S	150 51 E	19.4											1
T3	18		65	12	3	0820	35 21 S	150 51 E	19.6											1
T3	18		65	12	3	0850	35 21 S	150 57 E	20.0											1
T3	18		65	12	3	0900	35 21 S	150 57 E	20.0	35.64										1
T3	18		65	12	3	0905	35 21 S	150 57 E	20.1											1
T3	18		65	12	3	0915	35 21 S	150 57 E	20.3											1
T3	18		65	12	3	0930	35 21 S	150 57 E	20.3											1
T3	18		65	12	3	1000	35 21 S	151 3 E	20.3											1
T3	18		65	12	3	1015	35 21 S	151 3 E	20.4											1
T3	18		65	12	3	1020	35 21 S	151 3 E	20.4											1
T3	18		65	12	3	1100	35 21 S	151 3 E	20.6											1
T3	18		65	12	3	1115	35 21 S	150 57 E	20.8											1
T3	18		65	12	3	1130	35 21 S	150 57 E	20.6											1
T3	18		65	12	3	1145	35 21 S	150 57 E	20.6											1
T3	18		65	12	3	1200	35 21 S	150 57 E	20.1	35,55										1
T3	18		65	12	3	1245	35 27 S	150 51 E	20.1											1
T3	18		65	12	3	1255	35 27 S	150 51 E	19.8											1
T3	18		65	12	3	1300	35 27 S	150 51 E	19.7											1
T3	18		65	12	3	1330	35 33 S	150 51 E	19.6											1
T3	18		65	12	3	1340	35 33 S	150 51 E	19.3											1
T3	18		65	12	3	1400	35 33 S	150 45 E	19.8											1
T3	18		65	12	3	1500	35 39 S	150 39 E	20.3	35,68										1
T3	18		65	12	3	1600	35 45 S	150 33 E	20.3											1
T3	18		65	12	3	1700	35 45 S	150 39 E	20.1											1
T3	18		65	12	3	1750	35 45 S	150 51 E	19.9	35,64										1
T3	19		65	12	5	0630	37 3 S	149 57 E	17.4	35,41										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T3	19		65	12	5	0700	37 3 S	150 9 E	18.2											1
T3	19		65	12	5	0800	37 3 S	150 15 E	18.3											1
T3	19		65	12	5	0815	37 3 S	150 15 E	18.4											1
T3	19		65	12	5	0835	37 3 S	150 21 E	18.4											1
T3	19		65	12	5	0900	37 3 S	150 21 E	18.5	35.59										1
T3	19		65	12	5	0945	36 57 S	150 21 E	18.5											1
T3	19		65	12	5	1000	36 45 S	150 27 E	18.5											1
T3	19		65	12	5	1100	36 39 S	150 27 E	18.5											1
T3	19		65	12	5	1200	36 27 S	150 21 E	19.0											1
T3	19		65	12	5	1300	36 21 S	150 21 E	19.4											1
T3	19		65	12	5	1400	36 21 S	150 21 E	19.5											1
T3	19		65	12	5	1435	36 15 S	150 21 E	19.6	35.68										1
T3	19		65	12	5	1500	36 15 S	150 21 E	19.7	35.66										1
T3	19		65	12	5	1540	36 15 S	150 21 E	19.5	35.68										1
T3	19		65	12	5	1600	36 9 S	150 21 E	19.6											1
T3	19		65	12	5	1700	36 3 S	150 27 E	19.6											1
T3	19		65	12	5	1800	36 9 S	150 21 E	19.4	35.62										1
T3	19		65	12	6	0900	36 15 S	150 15 E	19.3	35.57										1
T3	19		65	12	6	1000	36 15 S	150 21 E	18.4											1
T3	19		65	12	6	1100	36 21 S	150 21 E	19.6											1
T3	19		65	12	6	1130	36 21 S	150 21 E	19.7	35.66										1
T3	19		65	12	6	1140	36 21 S	150 15 E	19.6	35.64										1
T3	19		65	12	6	1200	36 21 S	150 21 E	19.7	35.66										1
T3	19		65	12	6	1300	36 21 S	150 21 E	19.7											1
T3	19		65	12	6	1400	36 21 S	150 15 E	19.7											1
T3	19		65	12	6	1500	36 15 S	150 21 E	19.8	35.57										1
T3	19		65	12	6	1600	36 15 S	150 21 E	19.8											1
T3	19		65	12	6	1700	36 27 S	150 21 E	19.3											1
T3	19		65	12	6	1730	36 27 S	150 21 E	19.3											1
T3	19		65	12	6	1800	36 21 S	150 15 E	19.6	35.62										1
T3	19		65	12	7	0700	36 15 S	150 15 E	19.3											1
T3	19		65	12	7	0730	36 15 S	150 15 E	19.4											1
T3	19		65	12	7	0800	36 21 S	150 21 E	19.4	35.64										1
T3	19		65	12	7	0850	36 15 S	150 21 E	19.3	35.71										1
T3	19		65	12	7	0920	36 15 S	150 21 E	19.4											1
T3	19		65	12	7	1000	36 15 S	150 21 E	19.0											1
T3	19		65	12	7	1100	36 9 S	150 21 E	19.8											1
T3	19		65	12	7	1200	36 21 S	150 21 E	19.6	35.64										1
T3	19		65	12	7	1300	36 21 S	150 27 E	19.3											1
T3	19		65	12	7	1400	36 27 S	150 27 E	19.3											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T3	19		65	12	7	1500	36 33 S	150 27 E	19.3	35.53										1
T3	19		65	12	7	1600	36 45 S	150 21 E	19.4											1
T3	19		65	12	7	1700	36 57 S	150 9 E	18.2											1
T3	19		65	12	10	0600	36 51 S	150 15 E	19.1	35.61										1
T3	19		65	12	10	0645	36 51 S	150 15 E	18.7											1
T3	19		65	12	10	0700	36 45 S	150 15 E	18.8											1
T3	19		65	12	10	0800	36 39 S	150 15 E	19.4											1
T3	19		65	12	10	0900	36 33 S	150 15 E	19.6	35.52										1
T3	19		65	12	10	0930	36 33 S	150 15 E	19.6	35.66										1
T3	19		65	12	10	0945	36 33 S	150 15 E	19.6	35.71										1
T3	19		65	12	10	1000	36 27 S	150 15 E	19.6											1
T3	19		65	12	10	1100	36 33 S	150 15 E	19.6											1
T3	19		65	12	10	1200	36 33 S	150 15 E	18.9	35.64										1
T3	19		65	12	10	1300	36 39 S	150 21 E	19.4											1
T3	19		65	12	10	1400	36 51 S	150 15 E	19.1											1
T3	19		65	12	10	1430	36 51 S	150 15 E	19.0											1
T3	19		65	12	10	1435	36 51 S	150 15 E	19.2	35.61										1
T3	19		65	12	10	1445	36 51 S	150 15 E	19.2	35.64										1
T3	19		65	12	10	1450	36 51 S	150 15 E	19.1											1
T3	19		65	12	10	1500	36 51 S	150 15 E	19.1											1
T3	19		65	12	10	1600	37 3 S	150 21 E	19.2											1
T3	19		65	12	10	1610	37 3 S	150 21 E	19.2	35.64										1
T3	19		65	12	10	1705	37 3 S	150 21 E	19.2	35.55										1
T3	19		65	12	10	1800	37 3 S	150 21 E	19.1											1
T3	19		65	12	10	1900	37 3 S	150 9 E	19.5											1
T3	19		65	12	11	0600	37 3 S	149 57 E	18.9	35.59										1
T3	19		65	12	11	0700	37 3 S	150 9 E	19.4											1
T3	19		65	12	11	0800	37 9 S	150 21 E	19.2											1
T3	19		65	12	11	0900	37 3 S	150 21 E	19.3	35.64										1
T3	19		65	12	11	1000	36 57 S	150 21 E	19.1											1
T3	19		65	12	11	1100	36 51 S	150 21 E	19.6											1
T3	19		65	12	11	1120	36 51 S	150 21 E	20.1	35.64										1
T3	19		65	12	11	1125	36 51 S	150 21 E	20.2	35.66										1
T3	19		65	12	11	1200	36 45 S	150 21 E	19.7	35.61										1
T3	19		65	12	11	1300	36 39 S	150 21 E	20.2											1
T3	19		65	12	11	1340	36 39 S	150 21 E	20.3	35.57										1
T3	19		65	12	11	1400	36 39 S	150 21 E	20.2											1
T3	19		65	12	11	1500	36 45 S	150 21 E	20.2	35.70										1
T3	19		65	12	11	1600	36 51 S	150 21 E	20.2											1
T3	19		65	12	11	1700	36 57 S	150 21 E	19.9											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T3	19		65	12	11	1800	37 3 S	150 9 E	20.0	35,66										1
T3	20		65	12	12	0700	37 3 S	150 3 E	18.9											1
T3	20		65	12	12	0800	36 57 S	150 9 E	19.2											1
T3	20		65	12	12	0900	36 57 S	150 15 E	19.6	35,64										1
T3	20		65	12	12	0930	36 57 S	150 9 E	19.9	35,53										1
T3	20		65	12	12	1000	36 57 S	150 9 E	19.7											1
T3	20		65	12	12	1100	37 3 S	150 3 E	19.3											1
T3	22		65	12	15	0800	37 3 S	149 57 E	17.8											1
T3	22		65	12	15	0900	37 3 S	150 9 E	18.7	35,55										1
T3	22		65	12	15	1000	37 3 S	150 15 E	19.3											1
T3	22		65	12	15	1100	37 15 S	150 3 E	17.5											1
T3	22		65	12	15	1200	37 9 S	150 3 E	17.8	35,39										1
T3	24		65	12	19	0800	37 3 S	149 57 E	18.2											1
T3	24		65	12	19	0900	36 57 S	150 9 E	19.1	35,68										1
T3	24		65	12	19	1000	36 51 S	150 15 E	18.6											1
T3	24		65	12	19	1100	36 45 S	150 15 E	18.8											1
T3	24		65	12	19	1200	36 39 S	150 21 E	19.1	35,61										1
T3	24		65	12	19	1300	36 33 S	150 21 E	19.4											1
T3	24		65	12	19	1400	36 39 S	150 21 E	19.3											1
T3	24		65	12	19	1500	36 45 S	150 21 E	19.4	35,84										1
T3	24		65	12	19	1600	36 51 S	150 27 E	19.7											1
T3	24		65	12	19	1700	36 57 S	150 27 E	18.9											1
T3	24		65	12	19	1800	37 3 S	150 21 E	18.9	35,61										1
T3	24		65	12	19	1900	37 3 S	150 9 E	18.9											1
T3	24		65	12	20	0600	37 3 S	149 57 E	18.8	35,82										1
T3	24		65	12	20	0700	37 3 S	150 9 E	18.9											1
T3	24		65	12	20	0800	36 57 S	150 21 E	19.3											1
T3	24		65	12	20	0900	36 51 S	150 21 E	19.3	35,66										1
T3	24		65	12	20	1000	36 57 S	150 15 E	19.9											1
T3	24		65	12	20	1100	36 57 S	150 21 E	20.4											1
T3	24		65	12	20	1200	36 51 S	150 21 E	21.5	35,93										1
T3	24		65	12	20	1300	36 39 S	150 15 E	19.6											1
T3	24		65	12	20	1400	36 33 S	150 21 E	19.8											1
T3	24		65	12	20	1500	36 27 S	150 21 E	20.1	35,70										1
T3	24		65	12	20	1600	36 15 S	150 21 E	19.8											1
T3	24		65	12	20	1605	36 15 S	150 21 E	20.0	35,75										1
T3	24		65	12	20	1915	36 15 S	150 21 E	19.6	35.70										1
T3	24		65	12	21	0800	36 15 S	150 21 E	19.3											1
T3	24		65	12	21	0900	36 15 S	150 27 E	19.6	35,68										1
T3	24		65	12	21	1000	36 9 S	150 27 E	20.0											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T3	24		65	12	21	1100	36 15 S	150 27 E	19.8											1
T3	24		65	12	21	1200	36 21 S	150 21 E	20.0	35.71										1
T3	24		65	12	21	1300	36 15 S	150 21 E	19.6											1
T3	24		65	12	21	1400	36 15 S	150 21 E	19.7											1
T3	24		65	12	21	1500	36 15 S	150 21 E	20.1	35.68										1
T3	24		65	12	21	1600	36 15 S	150 21 E	19.8											1
T3	24		65	12	21	1700	36 15 S	150 15 E	19.6											1
T3	24		65	12	22	0900	36 15 S	150 21 E	19.2	35.71										1
T3	24		65	12	22	1000	36 21 S	150 21 E	19.4											1
T3	24		65	12	22	1100	36 27 S	150 21 E	19.2											1
T3	24		65	12	22	1200	36 27 S	150 21 E	19.4	35.82										1
T3	24		65	12	22	1300	36 39 S	150 21 E	19.2											1
T3	24		65	12	22	1400	36 51 S	150 15 E	18.9											1
T3	24		65	12	22	1500	37 3 S	150 3 E	18.4	35.53										1
T3	28		65	12	24	0800	37 3 S	149 57 E	19.6											1
T3	28		65	12	24	0900	37 3 S	150 3 E	16.9	35.61										1
T3	28		65	12	24	1000	36 57 S	150 9 E	18.8											1
T3	28		65	12	24	1100	36 51 S	150 15 E	19.2											1
T3	28		65	12	24	1200	36 57 S	150 3 E	17.1	35.50										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T4	88	65	1	10	0700	37 3 S	149 57 E	18.3												1
T4	88	65	1	10	0800	37 3 S	150 9 E	19.6												1
T4	88	65	1	10	0836	36 57 S	150 9 E	19.9												1
T4	88	65	1	10	0900	36 57 S	150 15 E	20.4	35.70											1
T4	88	65	1	10	0942	36 51 S	150 21 E	20.4												1
T4	88	65	1	10	1000	36 51 S	150 21 E	19.6												1
T4	88	65	1	10	1040	37 3 S	150 21 E	19.5												1
T4	88	65	1	10	1100	37 9 S	150 21 E	19.1												1
T4	88	65	1	10	1200	37 21 S	150 21 E	19.1	35.68											1
T4	88	65	1	10	1220	37 27 S	150 15 E	19.6												1
T4	88	65	1	10	1315	37 33 S	150 21 E	19.6												1
T4	88	65	1	10	1330	37 33 S	150 21 E	19.6												1
T4	88	65	1	10	1400	37 39 S	150 15 E	19.6												1
T4	88	65	1	10	1500	37 39 S	150 9 E	19.4	35.58											1
T4	88	65	1	10	1600	37 33 S	149 57 E	18.2												1
T4	88	65	1	11	0001	37 33 S	149 51 E	17.8	35.57											1
T4	88	65	1	11	0900	37 33 S	149 57 E	17.1	35.58											1
T4	88	65	1	11	1000	37 33 S	150 3 E	16.9												1
T4	88	65	1	11	1100	37 21 S	150 3 E	17.8												1
T4	88	65	1	11	1200	37 9 S	150 3 E	18.0	35.57											1
T4	88	65	1	11	1300	37 3 S	149 57 E	18.4												1
T4	34	65	12	31	0730	37 3 S	149 57 E	19.4	35.59											1
T4	34	65	12	31	0800	37 9 S	150 3 E	18.6												1
T4	34	65	12	31	0823	37 9 S	150 3 E	19.2												1
T4	34	65	12	31	0825	37 9 S	150 3 E	19.4												1
T4	34	65	12	31	0850	37 15 S	150 3 E	19.2												1
T4	34	65	12	31	0852	37 15 S	150 3 E	17.2												1
T4	34	65	12	31	0855	37 15 S	150 3 E	18.2												1
T4	34	65	12	31	0900	37 21 S	150 3 E	18.6	35.59											1
T4	34	65	12	31	0930	37 21 S	150 3 E	19.1												1
T4	34	65	12	31	1000	37 27 S	150 3 E	19.1	35.55											1
T4	34	65	12	31	1020	37 27 S	149 57 E	18.6												1
T4	34	65	12	31	1022	37 27 S	149 57 E	17.5												1
T4	34	65	12	31	1045	37 33 S	149 57 E	17.5												1
T4	34	65	12	31	1100	37 33 S	149 57 E	17.8	35.50											1
T4	34	65	12	31	1130	37 39 S	149 51 E	18.1												1
T4	34	65	12	31	1200	37 45 S	149 51 E	18.1	35.50											1
T4	34	65	12	31	1230	37 51 S	149 45 E	18.4												1
T4	34	65	12	31	1300	37 51 S	149 39 E	18.1	35.53											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	1		65	2	1	2100	37 09 S	150 03 E	19.7											1
T6	1		65	2	1	2400	37 27 S	150 03 E		35.68										1
T6	1		65	2	2	0300	37 45 S	149 57 E		35.68										1
T6	1		65	2	2	0505	38 09 S	149 57 E	17.1	35.62										1
T6	1		65	2	2	0600	38 09 S	149 57 E	17.1											1
T6	1		65	2	2	0645	38 15 S	149 51 E	17.2	35.64										1
T6	1		65	2	2	0815	38 27 S	149 39 E	18.1	35.64										1
T6	1		65	2	2	0900	38 27 S	149 39 E	18.3											1
T6	1		65	2	2	0945	38 33 S	149 33 E	18.3	35.62										1
T6	1		65	2	2	1100	38 45 S	149 21 E	17.8	35.57										1
T6	1		65	2	2	1200	38 51 S	149 15 E	17.5											1
T6	1		65	2	2	1220	38 57 S	149 15 E	17.2	35.50										1
T6	1		65	2	2	1400	39 03 S	149 03 E	17.6	35.53										1
T6	1		65	2	2	1530	39 15 S	148 57 E	17.3											1
T6	1		65	2	2	1645	39 27 S	148 45 E	16.7	35.39										1
T6	1		65	2	2	1800	39 33 S	148 33 E	16.7	35.39										1
T6	1		65	2	2	2000	39 51 S	148 21 E	16.7											1
T6	1		65	2	2	2100	39 51 S	148 15 E	17.1	35.39										1
T6	1		65	2	2	2300	39 57 S	148 21 E	17.3											1
T6	1		65	2	2	2400	39 57 S	148 21 E	17.3	35.44										1
T6	2		65	2	3	0900	39 57 S	148 27 E	16.6	35.26										1
T6	2		65	2	3	1000	39 51 S	148 27 E	16.6											1
T6	2		65	2	3	1100	39 57 S	148 39 E	16.7											1
T6	2		65	2	3	1200	39 57 S	148 45 E	16.9											1
T6	2		65	2	3	1330	40 03 S	148 57 E	17.2											1
T6	2		65	2	3	1400	40 03 S	148 51 E	17.2											1
T6	2		65	2	3	1500	40 09 S	148 39 E	17.2											1
T6	2		65	2	3	1800	40 15 S	148 21 E	18.4	35.61										1
T6	3		65	2	5	0800	40 15 S	148 15 E	18.1											1
T6	3		65	2	5	0900	40 15 S	148 27 E	16.9	36.00										1
T6	3		65	2	5	1000	40 15 S	148 45 E	16.8											1
T6	3		65	2	5	1100	40 09 S	148 51 E	17.2											1
T6	3		65	2	5	1200	40 09 S	148 57 E	17.7	35.46										1
T6	3		65	2	5	1300	40 09 S	149 03 E	18.1	35.53										1
T6	3		65	2	5	1400	40 03 S	149 03 E	18.1											1
T6	3		65	2	5	1500	40 09 S	148 51 E	18.1	35.44										1
T6	3		65	2	5	1600	40 09 S	148 39 E	17.8											1
T6	3		65	2	5	1700	40 09 S	148 33 E	17.6											1
T6	3		65	2	5	1800	40 09 S	148 33 E	17.7	35.75										1
T6	4		65	2	6	0800	40 15 S	148 27 E	18.2											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	4		65	2	6	0900	40 15 S	148 39 E	17.2	35.39										1
T6	4		65	2	6	1100	40 21 S	148 39 E	16.4											1
T6	4		65	2	6	1200	40 27 S	148 39 E	16.4	35.10										1
T6	4		65	2	6	1300	40 27 S	148 33 E	16.8											1
T6	5		65	2	7	0900	40 27 S	148 33 E	16.4	35.25										1
T6	5		65	2	7	1000	40 27 S	148 39 E	17.3											1
T6	5		65	2	7	1020	40 27 S	148 45 E	17.7	35.10										1
T6	5		65	2	7	1100	40 27 S	148 51 E	18.7											1
T6	5		65	2	7	1150	40 27 S	148 57 E	19.0	35.43										1
T6	5		65	2	7	1300	40 27 S	148 57 E	19.3											1
T6	5		65	2	7	1315	40 27 S	149 03 E	19.4	35.43										1
T6	5		65	2	7	1400	40 21 S	148 57 E	19.4											1
T6	5		65	2	7	1500	40 15 S	148 51 E	19.4	35.43										1
T6	5		65	2	7	1600	40 21 S	148 45 E	17.9											1
T6	5		65	2	7	1700	40 21 S	148 33 E	18.4											1
T6	5		65	2	7	1800	40 15 S	148 21 E	18.3	35.62										1
T6	7		65	2	9	1200	40 03 S	147 51 E	18.2											1
T6	7		65	2	9	1300	40 15 S	147 57 E	17.8											1
T6	8		65	2	12	0800	40 45 S	148 15 E	15.6											1
T6	8		65	2	12	0900	40 51 S	148 21 E	15.5											1
T6	8		65	2	12	1000	41 03 S	148 21 E	15.6											1
T6	8		65	2	12	1100	41 09 S	148 21 E	16.1											1
T6	8		65	2	12	1200	41 15 S	148 21 E	15.6											1
T6	9		65	2	13	0750	41 09 S	148 33 E	16.5	35.39										1
T6	9		65	2	13	0900	41 03 S	148 39 E	16.3											1
T6	9		65	2	13	0917	41 03 S	148 39 E	16.8	35.39										1
T6	9		65	2	13	1000	41 03 S	148 45 E	16.8											1
T6	9		65	2	13	1035	41 03 S	148 45 E	16.9	35.39										1
T6	9		65	2	13	1100	40 57 S	148 45 E	16.7											1
T6	9		65	2	13	1200	40 57 S	148 39 E	17.1	35.43										1
T6	9		65	2	13	1300	41 03 S	148 39 E	16.4											1
T6	9		65	2	13	1400	41 09 S	148 33 E	16.6											1
T6	9		65	2	13	1500	41 09 S	148 27 E	16.1											1
T6	9		65	2	13	1600	41 15 S	148 21 E	16.2											1
T6	10		65	2	16	0800	41 15 S	148 27 E	16.1											1
T6	10		65	2	16	0900	41 09 S	148 33 E	16.8	35.28										1
T6	10		65	2	16	1000	41 03 S	148 39 E	17.0											1
T6	10		65	2	16	1100	41 03 S	148 51 E	17.4											1
T6	10		65	2	16	1200	41 03 S	148 33 E	16.9	35.19										1
T6	10		65	2	16	1300	41 09 S	148 27 E	17.1											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	10	65	2	16	1400	41 15 S	148 27 E	16.7												
T6	10	65	2	16	1500	41 15 S	148 21 E	15.6												1
T6	12	65	2	21	1100	41 15 S	148 27 E	15.3												1
T6	12	65	2	21	1200	41 09 S	148 33 E	17.1	35.17											1
T6	12	65	2	21	1300	41 09 S	148 39 E	17.6												1
T6	12	65	2	21	1348	41 03 S	148 45 E	17.8	35.39											1
T6	12	65	2	21	1500	40 57 S	148 45 E	17.7												1
T6	12	65	2	21	1515	40 51 S	148 45 E	17.6	35.43											1
T6	12	65	2	21	1600	40 57 S	148 39 E	17.5												1
T6	12	65	2	21	1700	41 03 S	148 33 E	17.3												1
T6	12	65	2	21	1800	41 09 S	148 27 E	16.8	35.17											1
T6	13	65	2	23	0600	41 15 S	148 21 E	16.3	35.25											1
T6	13	65	2	23	0700	41 15 S	148 27 E	16.6												1
T6	13	65	2	23	0800	41 03 S	148 21 E	16.4												1
T6	13	65	2	23	0900	41 03 S	148 21 E	15.5	35.17											1
T6	13	65	2	23	1000	41 03 S	148 21 E	15.6												1
T6	13	65	2	23	1100	41 03 S	148 21 E	15.6												1
T6	13	65	2	23	1200	41 09 S	148 21 E	16.3	35.23											1
T6	14	65	2	24	0700	41 21 S	148 21 E	15.9												1
T6	14	65	2	24	0800	41 27 S	148 27 E	16.1												1
T6	14	65	2	24	0900	41 33 S	148 39 E	16.6	35.28											1
T6	14	65	2	24	1000	41 39 S	148 45 E	17.3												1
T6	14	65	2	24	1100	41 33 S	148 51 E	17.5	35.43											1
T6	14	65	2	24	1200	41 27 S	148 39 E	17.5												1
T6	14	65	2	24	1220	41 27 S	148 39 E	17.4	35.41											1
T6	14	65	2	24	1300	41 21 S	148 39 E	16.9												1
T6	14	65	2	24	1345	41 21 S	148 27 E	16.3	35.19											1
T6	14	65	2	24	1500	41 21 S	148 21 E	15.7												1
T6	15	65	2	25	0900	41 27 S	148 21 E	15.3	35.10											1
T6	15	65	2	25	1000	41 33 S	148 21 E	16.0												1
T6	15	65	2	25	1100	41 33 S	148 33 E	17.0												1
T6	15	65	2	25	1200	41 33 S	148 45 E	17.2	35.41											1
T6	15	65	2	25	1300	41 27 S	148 45 E	17.6												1
T6	15	65	2	25	1500	41 09 S	148 57 E	17.7												1
T6	15	65	2	25	1600	41 03 S	148 57 E	17.8												1
T6	15	65	2	25	1700	41 03 S	148 45 E	17.0												1
T6	15	65	2	25	1800	40 57 S	148 39 E	16.3	35.26											1
T6	15	65	2	25	1900	40 57 S	148 45 E	17.3												1
T6	15	65	2	25	2000	40 57 S	148 51 E	17.3												1
T6	15	65	2	25	2100	40 57 S	148 51 E	17.8	35.53											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	15		65	2	25	2200	40 51 S	148 57 E	17.8											1
T6	15		65	2	25	2300	40 51 S	148 57 E	17.7											1
T6	15		65	2	25	2400	40 51 S	149 03 E	17.5	35.53										1
T6	15		65	2	26	0100	40 51 S	149 09 E	16.5											1
T6	15		65	2	26	0200	40 51 S	149 09 E	15.6											1
T6	15		65	2	26	0300	40 45 S	149 21 E	15.4											1
T6	15		65	2	26	0400	40 45 S	149 21 E	15.4											1
T6	15		65	2	26	0500	40 45 S	149 27 E	15.2											1
T6	15		65	2	26	0600	40 45 S	149 27 E	15.1	35.19										1
T6	15		65	2	26	0700	40 39 S	149 21 E	15.8	35.25										1
T6	15		65	2	26	0800	40 33 S	149 15 E	15.8											1
T6	15		65	2	26	0825	40 27 S	149 09 E	17.1	35.43										1
T6	15		65	2	26	0900	40 21 S	149 09 E	17.2											1
T6	15		65	2	26	1000	40 21 S	149 03 E	17.2											1
T6	15		65	2	26	1100	40 21 S	148 51 E	17.8											1
T6	15		65	2	26	1200	40 27 S	148 51 E	18.2	35.61										1
T6	15		65	2	26	1300	40 33 S	148 51 E	17.8											1
T6	15		65	2	26	1400	40 39 S	148 51 E	17.5											1
T6	15		65	2	26	1500	40 45 S	148 51 E	17.6											1
T6	15		65	2	26	1600	40 45 S	148 45 E	16.8											1
T6	15		65	2	26	1700	40 57 S	148 39 E	16.4											1
T6	15		65	2	26	1800	41 03 S	148 27 E	17.0											1
T6	15		65	2	26	1900	41 09 S	148 21 E	16.4											1
T6	16		65	2	28	0700	41 15 S	148 21 E	15.6											1
T6	16		65	2	28	0800	41 15 S	148 33 E	16.9											1
T6	16		65	2	28	0900	41 15 S	148 51 E	17.3	35.52										1
T6	16		65	2	28	1000	41 03 S	148 51 E	17.7											1
T6	16		65	2	28	1100	40 57 S	148 39 E	16.6											1
T6	16		65	2	28	1200	41 03 S	148 39 E	17.4	35.44										1
T6	16		65	2	28	1300	41 03 S	148 39 E	17.6											1
T6	16		65	2	28	1400	41 03 S	148 45 E	18.0											1
T6	16		65	2	28	1500	41 09 S	148 45 E	18.1	35.53										1
T6	16		65	2	28	1600	41 09 S	148 39 E	16.6											1
T6	16		65	2	28	1700	41 09 S	148 33 E	17.0											1
T6	16		65	2	28	1800	41 15 S	148 21 E	15.9											1
T6	17		65	3	2	1100	41 15 S	148 21 E	15.8											1
T6	17		65	3	2	1200	41 09 S	148 27 E	16.0	35.14										1
T6	17		65	3	2	1300	41 03 S	148 21 E	16.5											1
T6	18		65	3	3	0700	40 57 S	148 33 E	15.9											1
T6	18		65	3	3	0800	40 57 S	148 45 E	16.9											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	18		65	3	3	0900	40 51 S	148 51 E	17.2	35.39										1
T6	18		65	3	3	1000	40 51 S	148 57 E	17.9											1
T6	18		65	3	3	1100	40 39 S	148 57 E	17.9											1
T6	18		65	3	3	1200	40 33 S	148 57 E	18.2	35.39										1
T6	18		65	3	3	1300	40 27 S	148 51 E	18.6											1
T6	18		65	3	3	1400	40 21 S	148 45 E	18.3											1
T6	18		65	3	3	1500	40 21 S	148 39 E	18.5	35.41										1
T6	18		65	3	3	1600	40 21 S	148 27 E	18.3											1
T6	18		65	3	3	1700	40 15 S	148 21 E	18.6											1
T6	20		65	3	6	0800	40 15 S	148 21 E	18.7											1
T6	21		65	3	8	0800	40 15 S	148 33 E	17.4											1
T6	21		65	3	8	0900	40 21 S	148 33 E	17.8	35.48										1
T6	21		65	3	8	1000	40 27 S	148 33 E	18.3											1
T6	21		65	3	8	1100	40 27 S	148 21 E	18.3											1
T6	21		65	3	8	1200	40 27 S	148 27 E	17.9											1
T6	21		65	3	8	1300	40 21 S	148 27 E	18.0											1
T6	21		65	3	8	1400	40 15 S	148 21 E	18.4											1
T6	21		65	3	8	1500	40 15 S	148 15 E	18.5											1
T6	22		65	3	10	0900	40 21 S	148 39 E	17.2	35.50										1
T6	22		65	3	10	1000	40 21 S	148 39 E	17.7											1
T6	22		65	3	10	1100	40 27 S	148 39 E	17.7											1
T6	22		65	3	10	1200	40 27 S	148 33 E	18.1	35.53										1
T6	22		65	3	10	1300	40 33 S	148 27 E	18.0											1
T6	22		65	3	10	1400	40 27 S	148 27 E	18.1											1
T6	22		65	3	10	1500	40 33 S	148 21 E	17.9	35.52										1
T6	22		65	3	10	1600	40 33 S	148 27 E	18.1											1
T6	22		65	3	10	1700	40 27 S	148 21 E	18.3											1
T6	23		65	3	11	1000	40 39 S	148 33 E	17.8											1
T6	23		65	3	11	1100	40 45 S	148 33 E	17.8											1
T6	23		65	3	11	1200	40 51 S	148 27 E	17.4	35.46										1
T6	23		65	3	11	1300	40 57 S	148 27 E	15.0											1
T6	23		65	3	11	1400	41 03 S	148 27 E	16.6											1
T6	23		65	3	11	1500	41 09 S	148 21 E	16.1	35.19										1
T6	24		65	3	13	0700	41 21 S	148 21 E	15.1											1
T6	26		65	3	15	0800	41 21 S	148 21 E	15.0											1
T6	26		65	3	15	0900	41 21 S	148 33 E	15.1	35.07										1
T6	26		65	3	15	1000	41 21 S	148 45 E	16.4											1
T6	26		65	3	15	1100	41 15 S	148 45 E	16.5											1
T6	26		65	3	15	1200	41 09 S	148 51 E	16.7	35.30										1
T6	26		65	3	15	1300	41 03 S	148 57 E	16.6											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	26		65	3	15	1400	41 03 S	148 57 E	16.5											1
T6	26		65	3	15	1500	41 09 S	148 51 E	16.7	35,34										1
T6	26		65	3	15	1600	41 09 S	148 45 E	16.6											1
T6	26		65	3	15	1700	41 09 S	148 33 E	15.6											1
T6	27		65	3	16	0800	41 15 S	148 21 E	15.0											1
T6	27		65	3	16	0900	41 09 S	148 33 E	15.4	35,16										1
T6	27		65	3	16	1000	41 09 S	148 51 E	16.4	35,35										1
T6	27		65	3	16	1100	41 03 S	148 45 E	16.4											1
T6	27		65	3	16	1125	41 03 S	148 45 E	16.5	35,34										1
T6	27		65	3	16	1200	41 03 S	148 51 E	16.0											1
T6	27		65	3	16	1250	41 03 S	149 03 E	16.3	35,30										1
T6	27		65	3	16	1300	41 03 S	149 03 E	16.5											1
T6	27		65	3	16	1400	40 57 S	148 45 E	16.4											1
T6	27		65	3	16	1500	41 03 S	148 39 E	16.2	35,30										1
T6	27		65	3	16	1600	40 57 S	148 27 E	15.4											1
T6	27		65	3	16	1700	41 09 S	148 21 E	15.5											1
T6	28		65	3	18	0900	41 21 S	148 27 E	15.0											1
T6	28		65	3	18	1000	41 15 S	148 27 E	15.6											1
T6	28		65	3	18	1100	41 09 S	148 27 E	15.9											1
T6	28		65	3	18	1200	41 09 S	148 27 E	15.9											1
T6	28		65	3	18	1300	41 15 S	148 21 E	15.8											1
T6	29		65	3	19	1000	41 09 S	148 33 E	16.1											1
T6	29		65	3	19	1100	41 03 S	148 39 E	16.3											1
T6	29		65	3	19	1200	41 03 S	148 45 E	16.7	35,34										1
T6	29		65	3	19	1300	40 57 S	148 51 E	17.0											1
T6	29		65	3	19	1400	40 45 S	148 51 E	17.0											1
T6	29		65	3	19	1500	40 33 S	148 51 E	16.9	35,34										1
T6	29		65	3	19	1600	40 21 S	148 57 E	17.3											1
T6	29		65	3	19	1700	40 21 S	148 51 E	16.9											1
T6	29		65	3	19	1800	40 21 S	148 51 E	16.2	35,28										1
T6	29		65	3	19	1900	40 21 S	148 57 E	18.0											1
T6	29		65	3	19	2000	40 21 S	149 09 E	18.4											1
T6	29		65	3	19	2100	40 27 S	149 15 E	18.8	35,66										1
T6	29		65	3	19	2200	40 33 S	149 21 E	18.7											1
T6	29		65	3	19	2300	40 39 S	149 27 E	17.1											1
T6	29		65	3	19	2400	40 45 S	149 33 E	18.4											1
T6	29		65	3	20	0600	40 27 S	149 33 E	18.3											1
T6	29		65	3	20	0700	40 27 S	149 39 E	18.4											1
T6	29		65	3	20	0800	40 21 S	149 45 E	18.5											1
T6	29		65	3	20	0900	40 21 S	149 33 E	18.5											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	29		65	3	20	1000	40 21 S	149 21 E	16.7											1
T6	29		65	3	20	1100	40 21 S	149 09 E	15.8											1
T6	29		65	3	20	1200	40 15 S	148 57 E	15.4											1
T6	29		65	3	20	1300	40 15 S	148 45 E	15.9											1
T6	29		65	3	20	1400	40 15 S	148 33 E	16.9											1
T6	29		65	3	20	1500	40 15 S	148 15 E	17.5											1
T6	30		65	3	21	0800	40 15 S	148 21 E	17.2											1
T6	30		65	3	21	0900	40 27 S	148 27 E	17.2											1
T6	30		65	3	21	1000	40 33 S	148 27 E	17.1											1
T6	30		65	3	21	1100	40 39 S	148 39 E	17.1											1
T6	30		65	3	21	1200	40 39 S	148 27 E	15.3	35.05										1
T6	30		65	3	21	1300	40 51 S	148 27 E	16.1											1
T6	30		65	3	21	1400	40 57 S	148 27 E	16.0											1
T6	30		65	3	21	1500	41 03 S	148 27 E	15.6	35.05										1
T6	30		65	3	21	1600	41 15 S	148 21 E	15.5											1
T6	31		65	3	22	1100	41 09 S	148 27 E	15.5											1
T6	31		65	3	22	1200	41 09 S	148 27 E	15.6	35.10										1
T6	31		65	3	22	1300	40 57 S	148 27 E	15.7											1
T6	31		65	3	22	1400	40 51 S	148 21 E	15.9											1
T6	31		65	3	22	1500	41 03 S	148 21 E	15.7											1
T6	31		65	3	22	1600	41 15 S	148 21 E	15.6											1
T6	32		65	3	23	1000	41 09 S	148 21 E	15.4											1
T6	32		65	3	23	1100	41 03 S	148 21 E	15.5											1
T6	32		65	3	23	1200	40 57 S	148 21 E	15.5											1
T6	32		65	3	23	1400	41 03 S	148 21 E	15.3											1
T6	32		65	3	23	1500	41 09 S	148 21 E	15.7											1
T6	32		65	3	23	1600	41 15 S	148 21 E	15.2											1
T6	33		65	3	25	1100	41 15 S	148 21 E	15.0											1
T6	33		65	3	25	1200	41 09 S	148 21 E	15.1	34.97										1
T6	33		65	3	25	1300	40 57 S	148 27 E	15.5											1
T6	33		65	3	25	1400	40 51 S	148 33 E	16.2											1
T6	33		65	3	25	1500	40 45 S	148 45 E	16.2	35.21										1
T6	33		65	3	25	1600	40 33 S	148 57 E	15.7											1
T6	33		65	3	25	1700	40 39 S	148 45 E	16.0											1
T6	33		65	3	25	1800	40 45 S	148 33 E	16.0	35.05										1
T6	33		65	3	25	1900	40 51 S	148 27 E	15.6											1
T6	33		65	3	25	2000	40 57 S	148 21 E	15.6											1
T6	34		65	3	26	0800	40 57 S	148 27 E	15.1											1
T6	34		65	3	26	0900	40 51 S	148 39 E	15.6	35.12										1
T6	34		65	3	26	1000	40 51 S	148 45 E	15.8											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	34	65	3	26	1100	40 57 S	148 39 E	15.8												1
T6	34	65	3	26	1200	41 03 S	148 39 E	15.8	35.23											1
T6	34	65	3	26	1300	41 09 S	148 33 E	15.4												1
T6	34	65	3	26	1400	41 09 S	148 27 E	15.3												1
T6	34	65	3	26	1500	41 15 S	148 27 E	15.4	34.97											1
T6	34	65	3	26	1600	41 15 S	148 21 E	15.5												1
T6	35	65	3	29	1100	41 15 S	148 21 E	15.0												1
T6	35	65	3	29	1200	41 09 S	148 27 E	15.1	34.96											1
T6	35	65	3	29	1300	41 03 S	148 33 E	15.4												1
T6	35	65	3	29	1400	40 57 S	148 39 E	15.6												1
T6	35	65	3	29	1500	40 51 S	148 45 E	15.4	35.10											1
T6	35	65	3	29	1600	41 03 S	148 39 E	15.1												1
T6	35	65	3	29	1700	41 09 S	148 27 E	15.3												1
T6	35	65	3	29	1800	41 15 S	148 21 E	15.5												1
T6	36	65	3	31	0800	41 15 S	148 21 E	15.0												1
T6	36	65	3	31	0900	41 15 S	148 33 E	15.1	35.05											1
T6	36	65	3	31	1000	41 21 S	148 33 E	15.0												1
T6	36	65	3	31	1100	41 27 S	148 33 E	15.0												1
T6	36	65	3	31	1200	41 33 S	148 39 E	15.3	35.10											1
T6	36	65	3	31	1300	41 33 S	148 45 E	15.3												1
T6	36	65	3	31	1330	41 27 S	148 45 E	15.4	35.16											1
T6	36	65	3	31	1400	41 27 S	148 45 E	15.1												1
T6	36	65	3	31	1500	41 21 S	148 27 E	15.1	34.96											1
T6	36	65	3	31	1600	41 21 S	148 21 E	15.0												1
T6	37	65	4	1	1000	41 09 S	148 27 E	15.0												1
T6	37	65	4	1	1100	41 03 S	148 27 E	15.1												1
T6	37	65	4	1	1200	40 51 S	148 21 E	15.1												1
T6	37	65	4	1	1400	41 03 S	148 21 E	15.1												1
T6	37	65	4	1	1500	41 09 S	148 21 E	15.1												1
T6	37	65	4	1	1600	41 15 S	148 21 E	15.1												1
T6	38	65	4	2	0900	41 09 S	148 27 E	14.7	34.96											1
T6	38	65	4	2	1000	41 03 S	148 33 E	14.9												1
T6	38	65	4	2	1100	40 57 S	148 39 E	15.4												1
T6	38	65	4	2	1200	40 51 S	148 39 E	15.6	35.35											1
T6	38	65	4	2	1300	40 57 S	148 33 E	15.4												1
T6	38	65	4	2	1500	40 57 S	148 33 E	15.1	35.19											1
T6	38	65	4	2	1600	41 09 S	148 27 E	15.0												1
T6	38	65	4	2	1700	41 15 S	148 21 E	15.0												1
T6	39	65	4	3	0900	41 09 S	148 21 E	14.9												1
T6	39	65	4	3	1000	41 03 S	148 21 E	14.9												1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	39	65	4	3	1100	40 57 S	148 27 E	15.0												
T6	39	65	4	3	1200	40 51 S	148 33 E	15.0	34.99											1
T6	39	65	4	3	1300	41 03 S	148 33 E	15.0												1
T6	39	65	4	3	1400	41 09 S	148 27 E	14.8												1
T6	39	65	4	3	1500	41 15 S	148 21 E	15.0												1
T6	40	65	4	6	0900	41 21 S	148 21 E	14.4												1
T6	40	65	4	6	1000	41 33 S	148 21 E	14.4												1
T6	40	65	4	6	1100	41 39 S	148 21 E	14.6												1
T6	40	65	4	6	1200	41 45 S	148 21 E	14.4												1
T6	40	65	4	6	1300	41 51 S	148 21 E	14.3												1
T6	40	65	4	6	1400	41 57 S	148 21 E	14.3												1
T6	40	65	4	6	1500	42 03 S	148 21 E	14.3												1
T6	41	65	4	7	0700	42 15 S	148 21 E	14.3												1
T6	41	65	4	7	0800	42 21 S	148 21 E	14.3												1
T6	41	65	4	7	0900	42 27 S	148 15 E	14.3												1
T6	41	65	4	7	1000	42 33 S	148 15 E	14.2												1
T6	41	65	4	7	1100	42 39 S	148 15 E	14.1												1
T6	41	65	4	7	1200	42 45 S	148 09 E	14.3												1
T6	41	65	4	7	1300	42 51 S	148 03 E	14.5												1
T6	41	65	4	7	1400	43 03 S	148 03 E	14.5												1
T6	41	65	4	7	1500	43 09 S	148 03 E	14.3												1
T6	41	65	4	7	1600	43 09 S	147 57 E	14.3												1
T6	41	65	4	7	1700	43 09 S	147 45 E	14.3												1
T6	41	65	4	7	1800	43 09 S	147 39 E	14.3												1
T6	41	65	4	7	1900	43 09 S	147 33 E	14.3												1
T6	41	65	4	7	2000	42 57 S	147 27 E	14.3												1
T6	41	65	4	7	2100	42 51 S	147 21 E	14.7												1
T6	42	65	4	15	1300	43 03 S	147 27 E	13.8												1
T6	42	65	4	15	1400	43 09 S	147 33 E	14.5												1
T6	42	65	4	15	1500	43 15 S	147 51 E	14.5	34.45											1
T6	42	65	4	15	1600	43 15 S	147 57 E	14.2												1
T6	42	65	4	15	1700	43 15 S	147 57 E	14.5												1
T6	43	65	4	16	0700	43 09 S	147 57 E	14.3												1
T6	43	65	4	16	0800	43 09 S	148 03 E	14.0												1
T6	43	65	4	16	0900	43 03 S	148 03 E	14.0	34.87											1
T6	43	65	4	16	1000	42 51 S	148 03 E	14.0												1
T6	43	65	4	16	1100	42 45 S	148 03 E	14.0												1
T6	43	65	4	16	1200	42 45 S	147 51 E	14.0												1
T6	43	65	4	16	1400	42 39 S	148 03 E	14.0												1
T6	43	65	4	16	1500	42 33 S	147 57 E	14.0												1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	44		65	4	17	0800	42 27 S	148 03 E	13.8											1
T6	44		65	4	17	0900	42 21 S	148 03 E	14.5											1
T6	44		65	4	17	1000	42 15 S	148 09 E	14.5											1
T6	44		65	4	17	1100	42 15 S	148 15 E	14.5											1
T6	44		65	4	17	1200	42 09 S	148 27 E	14.4											1
T6	44		65	4	17	1300	42 03 S	148 21 E	14.4											1
T6	44		65	4	17	1400	41 57 S	148 21 E	14.4											1
T6	44		65	4	17	1500	41 51 S	148 21 E	14.4											1
T6	45		65	4	18	0800	41 39 S	148 21 E	14.4											1
T6	45		65	4	18	0900	41 33 S	148 21 E	14.3											1
T6	45		65	4	18	1000	41 27 S	148 21 E	14.0											1
T6	45		65	4	18	1100	41 21 S	148 21 E	14.3											1
T6	47		65	4	25	0900	41 09 S	148 27 E	13.9	34.90										1
T6	47		65	4	25	1000	41 03 S	148 21 E	14.0											1
T6	47		65	4	25	1100	41 03 S	148 21 E	14.0											1
T6	47		65	4	25	1200	41 09 S	148 21 E	14.0	34.87										1
T6	48		65	4	26	0900	41 15 S	148 21 E	13.8	34.96										1
T6	48		65	4	26	1000	41 15 S	148 33 E	14.0											1
T6	48		65	4	26	1100	41 15 S	148 45 E	13.8	34.87										1
T6	48		65	4	26	1200	41 15 S	148 39 E	13.9	35.03										1
T6	48		65	4	26	1300	41 21 S	148 39 E	14.1											1
T6	48		65	4	26	1400	41 21 S	148 39 E	14.1											1
T6	48		65	4	26	1500	41 15 S	148 27 E	14.2											1
T6	46		65	4	27	0900	41 15 S	148 21 E	13.7											1
T6	46		65	4	27	1000	41 09 S	148 27 E	13.9											1
T6	46		65	4	27	1100	41 03 S	148 27 E	14.1											1
T6	46		65	4	27	1200	40 45 S	148 27 E	14.2	34.97										1
T6	46		65	4	27	1300	40 39 S	148 27 E	14.0											1
T6	46		65	4	27	1400	40 33 S	148 27 E	14.0											1
T6	46		65	4	27	1500	40 27 S	148 27 E	14.4											1
T6	50		65	4	28	0700	40 33 S	148 27 E	14.0											1
T6	50		65	4	28	0800	40 21 S	148 33 E	14.0											1
T6	50		65	4	28	0900	40 21 S	148 45 E	14.0	35.05										1
T6	50		65	4	28	1000	40 21 S	148 51 E	14.0											1
T6	50		65	4	28	1100	40 15 S	148 57 E	15.0											1
T6	50		65	4	28	1200	40 09 S	148 51 E	14.5	35.05										1
T6	50		65	4	28	1300	40 03 S	148 45 E	14.5											1
T6	50		65	4	28	1400	40 03 S	148 39 E	14.5											1
T6	50		65	4	28	1500	40 15 S	148 27 E	14.6	35.53										1
T6	51		65	4	29	0700	40 15 S	148 15 E	13.8											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	51		65	4	29	0800	40 09 S	148 21 E	13.4											1
T6	51		65	4	29	0900	39 57 S	148 21 E	14.1	35.35										1
T6	51		65	4	29	1000	39 57 S	148 21 E	14.1											1
T6	51		65	4	29	1100	39 57 S	148 21 E	14.1											1
T6	51		65	4	29	1200	39 57 S	148 21 E	14.2											1
T6	51		65	4	29	1300	39 57 S	148 21 E	14.0											1
T6	51		65	4	29	1400	39 57 S	148 27 E	14.4											1
T6	51		65	4	29	1500	40 03 S	148 21 E	14.2	35.05										1
T6	52		65	4	30	0630	40 15 S	148 21 E	13.7											1
T6	52		65	4	30	0700	40 15 S	148 21 E	13.8											1
T6	52		65	4	30	0800	40 15 S	148 33 E	14.0											1
T6	52		65	4	30	0900	40 15 S	148 45 E	14.0	35.05										1
T6	52		65	4	30	1000	40 21 S	148 45 E	13.9											1
T6	52		65	4	30	1100	40 27 S	148 45 E	13.9											1
T6	52		65	4	30	1200	40 33 S	148 45 E	14.3	34.96										1
T6	52		65	4	30	1300	40 39 S	148 39 E	14.5											1
T6	52		65	4	30	1400	40 51 S	148 39 E	14.5											1
T6	52		65	4	30	1500	40 57 S	148 33 E	14.1	34.90										1
T6	52		65	4	30	1600	41 03 S	148 27 E	14.0											1
T6	52		65	4	30	1700	41 09 S	148 27 E	14.0											1
T6	54		65	5	3	1100	41 15 S	148 21 E	13.8											1
T6	54		65	5	3	1200	41 03 S	148 21 E	13.9	34.90										1
T6	54		65	5	3	1300	40 57 S	148 21 E	13.9											1
T6	54		65	5	3	1400	40 51 S	148 21 E	14.4											1
T6	54		65	5	3	1500	40 45 S	148 27 E	14.4	34.94										1
T6	54		65	5	3	1600	40 33 S	148 27 E	14.4											1
T6	54		65	5	3	1700	40 27 S	148 27 E	14.4											1
T6	55		65	5	4	0700	40 27 S	148 27 E	14.4											1
T6	55		65	5	4	0800	40 33 S	148 33 E	14.3											1
T6	55		65	5	4	0900	40 39 S	148 33 E	14.3	35.35										1
T6	55		65	5	4	1000	40 45 S	148 33 E	14.0											1
T6	55		65	5	4	1100	40 39 S	148 27 E	15.1											1
T6	55		65	5	4	1200	40 39 S	148 15 E	14.2	35.35										1
T6	55		65	5	4	1300	40 39 S	148 09 E	14.2											1
T6	55		65	5	4	1400	40 45 S	148 03 E	14.2											1
T6	55		65	5	4	1500	40 45 S	148 03 E	14.5	35.26										1
T6	55		65	5	4	1600	40 51 S	148 09 E	14.1											1
T6	55		65	5	4	1700	40 45 S	148 09 E	14.3											1
T6	56		65	5	5	0700	40 39 S	148 15 E	14.3											1
T6	56		65	5	5	0800	40 33 S	148 21 E	14.4											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	56		65	5	5	0900	40 27 S	148 21 E	14.4	35.37										1
T6	56		65	5	5	1000	40 27 S	148 27 E	14.4											1
T6	56		65	5	5	1100	40 21 S	148 27 E	14.4											1
T6	56		65	5	5	1200	40 15 S	148 21 E	14.3	35.50										1
T6	56		65	5	5	1300	40 09 S	148 21 E	14.3											1
T6	56		65	5	5	1400	40 03 S	148 21 E	14.1											1
T6	56		65	5	5	1500	39 57 S	148 21 E	14.5	35.23										1
T6	56		65	5	5	1600	39 57 S	148 21 E	14.3											1
T6	56		65	5	5	1700	39 57 S	148 21 E	14.3											1
T6	57		65	5	6	0700	39 57 S	148 21 E	14.0											1
T6	57		65	5	6	0800	39 51 S	148 09 E	14.1											1
T6	57		65	5	6	0900	39 39 S	148 09 E	14.3	35.32										1
T6	57		65	5	6	1000	39 39 S	148 09 E	14.4											1
T6	57		65	5	6	1100	39 39 S	148 03 E	14.3											1
T6	57		65	5	6	1200	39 39 S	147 57 E	14.5	35.41										1
T6	57		65	5	6	1300	39 39 S	147 57 E	14.6											1
T6	57		65	5	6	1400	39 45 S	147 51 E	14.6											1
T6	57		65	5	6	1500	39 39 S	147 39 E	15.0	35.55										1
T6	57		65	5	6	1600	39 51 S	147 51 E	14.7											1
T6	58		65	5	7	1200	39 51 S	147 45 E	14.2	35.46										1
T6	58		65	5	7	1300	40 03 S	147 51 E	14.5											1
T6	58		65	5	7	1400	40 09 S	147 51 E	14.6											1
T6	58		65	5	7	1500	40 15 S	147 51 E	14.5											1
T6	59		65	5	8	1600	40 09 S	148 03 E	14.5											1
T6	59		65	5	8	1700	40 15 S	148 03 E	14.5											1
T6	60		65	5	9	0700	40 15 S	148 03 E	14.5											1
T6	60		65	5	9	0800	40 21 S	147 57 E	14.5											1
T6	60		65	5	9	0900	40 27 S	148 03 E	14.5	35.59										1
T6	60		65	5	9	1000	40 33 S	148 03 E	14.4											1
T6	60		65	5	9	1100	40 39 S	148 15 E	14.0											1
T6	60		65	5	9	1200	40 51 S	148 21 E	13.8	34.85										1
T6	60		65	5	9	1300	40 57 S	148 21 E	13.8											1
T6	60		65	5	9	1400	41 03 S	148 21 E	14.0											1
T6	60		65	5	9	1500	41 09 S	148 21 E	13.8	34.81										1
T6	62		65	5	13	0710	41 15 S	148 21 E	13.5											1
T6	62		65	5	13	0915	41 15 S	148 21 E	13.7											1
T6	62		65	5	13	1000	41 09 S	148 21 E	13.6											1
T6	62		65	5	13	1100	41 03 S	148 21 E	13.6											1
T6	62		65	5	13	1200	41 03 S	148 21 E	13.8											1
T6	62		65	5	13	1300	41 09 S	148 21 E	13.6											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	62		65	5	13	1400	41 15 S	148 21 E	13.7											1
T6	63		65	5	14	0800	41 15 S	148 21 E	13.6											1
T6	63		65	5	14	0900	41 15 S	148 21 E	13.6											1
T6	63		65	5	14	1000	41 21 S	148 21 E	13.6											1
T6	63		65	5	14	1100	41 27 S	148 21 E	13.6											1
T6	63		65	5	14	1200	41 33 S	148 21 E	13.4											1
T6	63		65	5	14	1300	41 33 S	148 21 E	13.4											1
T6	63		65	5	14	1400	41 27 S	148 21 E	13.4											1
T6	63		65	5	14	1500	41 21 S	148 21 E	13.5											1
T6	64		65	5	15	0800	41 15 S	148 21 E	13.4											1
T6	64		65	5	15	0900	41 15 S	148 21 E	13.7											1
T6	64		65	5	15	1100	41 03 S	148 21 E	13.8											1
T6	64		65	5	15	1200	41 03 S	148 21 E	13.7											1
T6	64		65	5	15	1300	41 09 S	148 21 E	13.7											1
T6	65		65	5	16	0900	41 15 S	148 21 E	13.3											1
T6	65		65	5	16	1000	41 15 S	148 21 E	13.6											1
T6	65		65	5	16	1100	41 15 S	148 21 E	13.7											1
T6	65		65	5	16	1200	41 15 S	148 21 E	13.7											1
T6	65		65	5	16	1300	41 09 S	148 21 E	13.7											1
T6	65		65	5	16	1400	41 15 S	148 21 E	13.7											1
T6	65		65	5	16	1500	41 15 S	148 21 E	13.7											1
T6	66		65	5	17	0900	41 15 S	148 21 E	13.3											1
T6	66		65	5	17	1000	41 21 S	148 21 E	13.4											1
T6	66		65	5	17	1100	41 21 S	148 21 E	13.3											1
T6	66		65	5	17	1200	41 27 S	148 21 E	13.3											1
T6	66		65	5	17	1300	41 27 S	148 21 E	13.5											1
T6	66		65	5	17	1400	41 27 S	148 21 E	13.5											1
T6	66		65	5	17	1500	41 27 S	148 21 E	13.5											1
T6	66		65	5	17	1600	41 15 S	148 21 E	13.5											1
T6	67		65	5	18	1200	41 09 S	148 21 E	13.5											1
T6	67		65	5	18	1300	41 03 S	148 21 E	13.5											1
T6	67		65	5	18	1400	41 03 S	148 21 E	13.5											1
T6	67		65	5	18	1500	41 03 S	148 21 E	13.5											1
T6	67		65	5	18	1600	41 03 S	148 21 E	13.5											1
T6	67		65	5	18	1700	41 09 S	148 21 E	13.5											1
T6	68		65	5	19	0900	41 15 S	148 27 E	13.1	34.85										1
T6	68		65	5	19	1000	41 09 S	148 21 E	13.3											1
T6	68		65	5	19	1100	41 03 S	148 21 E	13.4											1
T6	68		65	5	19	1200	41 03 S	148 21 E	13.2	34.92										1
T6	68		65	5	19	1300	41 03 S	148 21 E	13.3											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	68		65	5	19	1400	41 03 S	148 21 E	13.5											1
T6	68		65	5	19	1500	41 09 S	148 21 E	13.5	34.87										1
T6	69		65	5	21	0900	41 21 S	148 21 E	13.0	34.87										1
T6	69		65	5	21	1000	41 27 S	148 21 E	13.0											1
T6	69		65	5	21	1100	41 27 S	148 21 E	13.1											1
T6	69		65	5	21	1200	41 33 S	148 21 E	13.0											1
T6	69		65	5	21	1300	41 33 S	148 21 E	13.1											1
T6	69		65	5	21	1400	41 27 S	148 21 E	13.1											1
T6	69		65	5	21	1500	41 21 S	148 21 E	13.2											1
T6	71		65	5	24	1100	41 21 S	148 21 E	13.2											1
T6	71		65	5	24	1200	41 27 S	148 21 E	13.2											1
T6	71		65	5	24	1300	41 15 S	148 21 E	13.4											1
T6	71		65	5	24	1400	41 09 S	148 21 E	13.0											1
T6	71		65	5	24	1500	41 09 S	148 21 E	13.0											1
T6	73		65	5	27	1000	41 09 S	148 21 E	12.7											1
T6	73		65	5	27	1100	41 03 S	148 21 E	12.9											1
T6	73		65	5	27	1200	40 51 S	148 27 E	12.8	34.85										1
T6	73		65	5	27	1300	40 39 S	148 27 E	12.9											1
T6	73		65	5	27	1400	40 33 S	148 27 E	13.1											1
T6	73		65	5	27	1500	40 27 S	148 27 E	13.5	35.41										1
T6	73		65	5	27	1600	40 21 S	148 33 E	13.0											1
T6	73		65	5	27	1700	40 15 S	148 33 E	13.4											1
T6	73		65	5	27	1800	40 09 S	148 39 E	12.9	35.03										1
T6	73		65	5	27	1900	40 03 S	148 39 E	13.0											1
T6	73		65	5	27	2000	39 57 S	148 39 E	13.2											1
T6	73		65	5	27	2100	39 51 S	148 45 E	13.4											1
T6	73		65	5	27	2200	39 45 S	148 45 E	14.3											1
T6	73		65	5	27	2300	39 39 S	148 45 E	13.4											1
T6	73		65	5	27	2400	39 33 S	148 45 E	14.6											1
T6	73		65	5	28	0100	39 27 S	148 51 E	13.7											1
T6	73		65	5	28	0200	39 21 S	148 51 E	15.7											1
T6	73		65	5	28	0300	39 15 S	148 51 E	16.4											1
T6	73		65	5	28	0400	39 03 S	148 57 E	16.4											1
T6	73		65	5	28	0500	38 51 S	148 57 E	16.5											1
T6	73		65	5	28	0600	38 39 S	149 03 E	16.4											1
T6	73		65	5	28	0700	38 33 S	149 03 E	16.3											1
T6	73		65	5	28	0800	38 27 S	149 03 E	16.4											1
T6	73		65	5	28	0900	38 21 S	149 09 E	16.2	35.44										1
T6	73		65	5	28	1000	38 09 S	149 09 E	16.0											1
T6	73		65	5	28	1100	38 03 S	149 15 E	14.9											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T6	73	65	5	28	1200	37 51 S	149 15 E	15.0	35.46											1
T6	73	65	5	28	1300	37 51 S	149 27 E	14.5												1
T6	73	65	5	28	1400	37 45 S	149 39 E	14.5												1
T6	73	65	5	28	1500	37 39 S	149 45 E	14.5	35.53											1
T6	73	65	5	28	1600	37 33 S	149 57 E	14.5												1
T6	73	65	5	28	1700	37 27 S	150 03 E	14.5												1
T6	73	65	5	28	1800	37 21 S	150 03 E	15.0	35.57											1
T6	73	65	5	28	1900	37 15 S	150 03 E	16.5												1
T6	73	65	5	28	2000	37 09 S	150 03 E	19.6												1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
TR	1	1	65	6	12	0800	35 09 S	117 57 E	19.0	35.75										1
TR	1	2	65	6	12	0900	35 09 S	117 45 E	19.8	35.75										1
TR	1	3	65	6	12	1000	35 09 S	117 39 E	18.8	35.75										1
TR	1	4	65	6	12	1100	35 09 S	117 39 E	19.1	35.75										1
TR	1	5	65	6	12	1200	35 09 S	117 57 E	19.2	35.75										1
TR	1	6	65	6	12	1400	35 09 S	118 03 E	19.2	35.77										1
TR	1	7	65	6	12	1500	35 09 S	118 03 E	18.7	35.76										1
TR	1	8	65	6	13	0900	35 09 S	117 57 E	18.6	35.75										1
TR	1	9	65	6	13	1000	35 09 S	117 57 E	19.0	35.75										1
TR	1	10	65	6	23	1000	35 09 S	118 03 E	18.3	35.75										1
TR	1	11	65	6	23	1100	35 09 S	117 57 E	18.3	35.44										1
TR	1	12	65	6	23	1200	35 09 S	118 03 E	18.4	35.59										1
TR	1	13	65	6	23	1300	35 09 S	117 57 E	18.4	35.59										1
TR	1	14	65	6	23	1400	35 03 S	118 03 E	18.4	35.75										1
TR	1	15	65	6	23	1500	35 03 S	118 03 E	18.6	35.75										1
TR	1	16	65	6	23	1600	35 09 S	118 03 E	18.6	35.75										1
TR			65	9	15	0800	33 57 S	151 27 E	16.9											G
TR			65	9	15	0845	33 57 S	151 33 E	17.3											G
TR			65	9	15	1000	34 9 S	151 33 E	17.7											G
TR			65	9	15	1100	34 21 S	151 33 E	17.7											G
TR			65	9	15	1200	34 27 S	151 21 E	17.7											G
TR			65	9	15	1300	34 33 S	151 15 E	17.7											G
TR			65	9	15	1400	34 39 S	151 15 E	17.7											G
TR			65	9	15	1500	34 51 S	151 3 E	16.9											G
TR			65	9	18	1200	35 21 S	151 15 E	18.2											G
TR			65	9	19	0850	35 15 S	150 57 E	17.7											G
TR			65	9	24	0900	36 51 S	150 15 E	16.8											G
TR			65	9	24	1000	36 45 S	150 27 E	17.2											G
TR			65	9	24	1010	36 39 S	150 27 E	17.5											G
TR			65	9	24	1100	36 33 S	150 33 E	16.9											G
TR			65	9	24	1200	36 27 S	150 39 E	18.1											G
TR			65	9	24	1300	36 21 S	150 45 E	18.3											G
TR			65	9	24	1330	36 15 S	150 39 E	18.2											G
TR			65	9	24	1500	36 27 S	150 21 E	18.1											G
TR			65	9	26	1015	36 45 S	150 21 E	17.2											G
TR			65	9	26	1100	36 33 S	150 27 E	17.2											G
TR			65	9	26	1200	36 27 S	150 39 E	17.8											G
TR			65	9	26	1215	36 27 S	150 39 E	18.4											G
TR			65	9	26	1230	36 21 S	150 45 E	18.3											G
TR			65	9	26	1300	36 21 S	150 33 E	18.3											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
TR			65	9	26	1400	36 15 S	150 27 E	17.8											
TR			65	9	26	1500	36 15 S	150 21 E	17.2											G
TR			65	9	26	1700	35 57 S	150 21 E	16.9											G
TR			65	9	27	1000	35 39 S	150 39 E	18.3											G
TR			65	9	27	1100	35 39 S	150 33 E	17.8											G
TR			65	9	27	1200	35 39 S	150 21 E	16.9											G
TR			65	9	28	0930	36 9 S	150 27 E	17.8											G
TR			65	9	28	1100	36 3 S	150 45 E	18.9											G
TR			65	9	28	1500	35 57 S	151 15 E	19.4											G
TR			65	9	28	1600	35 45 S	151 3 E	19.2											G
TR			65	9	28	1700	35 45 S	150 57 E	19.4											G
TR			65	9	29	0900	36 27 S	150 39 E	18.6											G
TR			65	9	29	1300	36 39 S	150 33 E	17.2											G
TR			65	9	29	1400	36 45 S	150 21 E	17.8											G
TR			65	10	3	0830	37 3 S	150 9 E	14.4											G
TR			65	10	3	1000	37 3 S	150 27 E	17.2											G
TR			65	10	3	1100	36 57 S	150 39 E	18.3											G
TR			65	10	3	1400	36 57 S	151 15 E	18.3											G
TR			65	10	3	1500	36 57 S	151 27 E	18.3											G
TR			65	10	3	1600	36 51 S	151 39 E	18.3											G
TR			65	10	3	1700	36 45 S	151 39 E	18.3											G
TR			65	10	3	1830	36 33 S	151 45 E	17.2											G
TR			65	10	3	1900	36 27 S	151 51 E	17.2											G
TR			65	10	3	2200	36 3 S	151 45 E	17.8											G
TR			65	10	3	2400	35 45 S	151 45 E	17.2											G
TR			65	10	4	0940	34 57 S	151 39 E	17.2											G
TR			65	10	4	1030	34 45 S	151 39 E	18.3											G
TR			65	10	4	1045	34 39 S	151 39 E	18.3											G
TR			65	10	4	1130	34 39 S	151 39 E	18.9											G
TR			65	10	4	1300	34 33 S	151 33 E	19.0											G
TR			65	10	4	1400	34 33 S	151 21 E	18.9											G
TR			65	10	4	1500	34 39 S	151 9 E	18.6											G
TR			65	10	6	0900	35 3 S	151 3 E	17.5											G
TR			65	10	6	1000	35 3 S	151 15 E	18.1											G
TR			65	10	11	0700	36 57 S	150 9 E	14.4											G
TR			65	10	11	0900	36 39 S	150 27 E	17.8											G
TR			65	10	11	1000	36 33 S	150 39 E	17.8											G
TR			65	10	11	1100	36 27 S	150 45 E	18.1											G
TR			65	10	11	1200	36 21 S	150 45 E	17.9											G
TR			65	10	11	1300	36 21 S	150 33 E	17.9											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
TR			65	10	12	0900	36 27 S	150 21 E	17.5											G
TR			65	10	12	1000	36 15 S	150 33 E	17.5											G
TR			65	10	12	1300	36 15 S	151 9 E	17.2											G
TR			65	10	12	1400	36 21 S	151 15 E	17.2											G
TR			65	10	12	1500	36 27 S	151 3 E	17.2											G
TR			65	10	21	0900	37 9 S	150 27 E	16.9											G
TR			65	10	21	1000	37 9 S	150 33 E	17.8											G
TR			65	10	21	1100	37 3 S	150 33 E	17.8											G
TR			65	10	21	1200	36 51 S	150 33 E	17.8											G
TR			65	10	25	1100	37 3 S	150 15 E	17.8											G
TR			65	10	25	1200	37 3 S	150 27 E	18.1											G
TR			65	10	25	1300	37 3 S	150 45 E	17.5											G
TR			65	10	25	1400	37 3 S	151 3 E	18.3											G
TR			65	10	25	1420	37 3 S	151 3 E	17.5											G
TR			65	10	25	1500	36 51 S	151 3 E	18.3											G
TR			65	10	25	1600	36 51 S	151 3 E	18.1											G
TR			65	10	25	1700	36 45 S	151 3 E	18.6											G
TR			65	10	26	0900	36 57 S	150 27 E	18.1											G
TR			65	10	26	1000	36 51 S	150 39 E	18.1											G
TR			65	10	26	1100	36 51 S	150 45 E	18.2											G
TR			65	10	26	1200	36 45 S	151 3 E	18.2											G
TR			65	10	26	1300	36 33 S	150 57 E	18.2											G
TR			65	10	26	1330	36 33 S	150 45 E	18.7											G
TR			65	10	26	1400	36 33 S	150 39 E	18.5											G
TR			65	10	26	1500	36 27 S	150 27 E	18.5											G
TR			65	10	26	1600	36 27 S	150 27 E	18.5											G
TR			65	10	27	0800	36 27 S	150 21 E	17.8											G
TR			65	10	27	0900	36 21 S	150 21 E	17.8											G
TR			65	10	27	1000	36 21 S	150 27 E	17.8											G
TR			65	10	27	1100	36 27 S	150 21 E	18.1											G
TR			65	10	27	1130	36 21 S	150 21 E	18.3											G
TR			65	10	27	1400	36 15 S	150 21 E	18.3											G
TR			65	10	27	1500	36 27 S	150 21 E	18.3											G
TR			65	10	27	1600	36 21 S	150 21 E	18.0											G
TR			65	10	27	1630	36 27 S	150 21 E	17.8											G
TR			65	10	28	0900	36 27 S	150 21 E	18.1											G
TR			65	10	28	1100	36 33 S	150 21 E	18.2											G
TR			65	10	28	1200	36 33 S	150 21 E	19.7											G
TR			65	10	28	1300	36 33 S	150 21 E	19.7											G
TR			65	10	28	1400	36 27 S	150 21 E	18.9											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
TR			65	10	28	1700	36 15 S	150 21 E	18.9											G
TR			65	10	28	1800	36 15 S	150 21 E	18.9											G
TR			65	10	29	0800	36 15 S	150 21 E	18.2											G
TR			65	10	29	0900	36 21 S	150 21 E	18.3											G
TR			65	10	29	1000	36 15 S	150 21 E	18.3											G
TR			65	10	29	1100	36 21 S	150 21 E	18.8											G
TR			65	10	29	1200	36 15 S	150 21 E	18.6											G
TR			65	10	29	1300	36 9 S	150 21 E	18.6											G
TR			65	10	29	1400	36 15 S	150 33 E	18.6											G
TR			65	10	29	1500	36 15 S	150 51 E	18.6											G
TR			65	10	29	1600	36 21 S	150 39 E	18.7											G
TR			65	10	29	1700	36 33 S	150 27 E	18.6											G
TR			65	10	29	1800	36 39 S	150 15 E	18.3											G
TR			65	10	30	0800	36 39 S	150 21 E	18.1											G
TR			65	10	30	0900	36 33 S	150 21 E	18.2											G
TR			65	10	30	1000	36 33 S	150 27 E	18.3											G
TR			65	10	30	1100	36 27 S	150 21 E	18.3											G
TR			65	10	30	1200	36 27 S	150 15 E	18.9											G
TR			65	10	30	1300	36 27 S	150 15 E	18.9											G
TR			65	10	30	1400	36 27 S	150 15 E	18.9											G
TR			65	10	30	1500	36 27 S	150 15 E	18.9											G
TR			65	10	30	1600	36 27 S	150 21 E	18.9											G
TR			65	10	30	1700	36 27 S	150 21 E	18.9											G
TR			65	10	30	1800	36 27 S	150 21 E	18.9											G
TR	2		65	11	4	0430	37 3 S	150 57 E	15.8											G
TR	2		65	11	4	0500	36 57 S	150 3 E	17.2											1
TR	2		65	11	4	0554	36 51 S	150 9 E	17.8											1
TR	2		65	11	4	0600	36 51 S	150 9 E	17.8	35.59										1
TR	2		65	11	4	0700	36 45 S	150 15 E	17.7											1
TR	2		65	11	4	0800	36 33 S	150 21 E	18.1											1
TR	2		65	11	4	0900	36 21 S	150 21 E	18.2	35.62										1
TR	2		65	11	4	1000	36 15 S	150 21 E	18.2											1
TR	2		65	11	4	1100	36 9 S	150 21 E	18.2											1
TR	2		65	11	4	1200	36 9 S	150 21 E	18.3	35.66										1
TR	2		65	11	4	1300	36 3 S	150 27 E	18.1											1
TR	2		65	11	4	1400	36 9 S	150 21 E	18.1											1
TR	2		65	11	4	1500	36 15 S	150 21 E	18.1	35.61										1
TR	2		65	11	4	1600	36 15 S	150 15 E	18.2											1
TR	2		65	11	5	0730	36 15 S	150 15 E	18.0											1
TR	2		65	11	5	0800	36 15 S	150 21 E	18.1											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
TA	2		65	11	5	0900	36 21 S	150 21 E	18.1	35.64										1
TA	2		65	11	5	1000	36 21 S	150 15 E	18.1											1
TA	2		65	11	6	0945	36 27 S	150 3 E	17.3											1
TA	2		65	11	6	1000	36 27 S	150 9 E	17.6											1
TA	2		65	11	6	1100	36 27 S	150 15 E	17.9											1
TA	2		65	11	6	1200	36 21 S	150 21 E	17.8	35.57										1
TA	2		65	11	6	1300	36 15 S	150 21 E	18.0											1
TA	2		65	11	6	1400	36 9 S	150 21 E	18.0											1
TA	2		65	11	6	1500	35 57 S	150 21 E	17.8											1
TA	2		65	11	7	0700	35 51 S	150 15 E	17.5											1
TA	2		65	11	7	0800	35 57 S	150 15 E	17.8											1
TA	2		65	11	7	0835	36 3 S	150 21 E	17.8											1
TA	2		65	11	7	0900	36 9 S	150 21 E	18.3	35.61										1
TA	2		65	11	7	0945	36 15 S	150 21 E	18.1											1
TA	2		65	11	7	1000	36 15 S	150 21 E	18.2											1
TA	2		65	11	7	1020	36 15 S	150 21 E	18.9											1
TA	2		65	11	7	1100	36 15 S	150 21 E	18.3											1
TA	2		65	11	7	1115	36 15 S	150 21 E	18.8	35.62										1
TA	2		65	11	7	1137	36 21 S	150 21 E	18.8	35.75										1
TA	2		65	11	7	1200	36 21 S	150 21 E	18.5	35.61										1
TA	2		65	11	7	1300	36 27 S	150 21 E	18.6											1
TA	2		65	11	7	1400	36 33 S	150 27 E	18.6											1
TA	2		65	11	7	1440	36 33 S	150 27 E	19.0	35.59										1
TA	2		65	11	7	1500	36 33 S	150 27 E	19.6	35.62										1
TA	2		65	11	7	1510	36 33 S	150 27 E	19.7											1
TA	2		65	11	7	1515	36 33 S	150 27 E	19.4											1
TA	2		65	11	7	1600	36 45 S	150 21 E	18.6											1
TA	2		65	11	7	1700	36 45 S	150 9 E	18.2											1
TA	2		65	11	7	1800	36 45 S	150 3 E	17.3	35.48										1
TA	2		65	11	8	0700	36 45 S	150 3 E	17.6											1
TA	2		65	11	8	0800	36 45 S	150 9 E	18.1											1
TA	2		65	11	8	0900	36 45 S	150 21 E	18.7	35.61										1
TA	2		65	11	8	1000	36 51 S	150 21 E	18.3											1
TA	2		65	11	8	1100	36 57 S	150 27 E	18.3											1
TA	2		65	11	8	1150	37 9 S	150 21 E	18.4											1
TA	2		65	11	8	1230	37 9 S	150 21 E	18.4	35.64										1
TA	2		65	11	8	1300	37 3 S	150 21 E	18.4											1
TA	2		65	11	8	1400	37 9 S	150 21 E	18.4											1
TA	2		65	11	8	1500	37 3 S	150 21 E	18.4	35.66										1
TA	2		65	11	8	1600	37 3 S	150 21 E	18.4											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T8	2		65	11	8	1700	37 3 S	150 9 E	18.2											1
T8			65	11	14	1000	36 51 S	150 21 E	18.7											G
T8			65	11	14	1100	36 45 S	150 21 E	18.9											G
T8			65	11	14	1200	36 51 S	150 15 E	16.0											G
T8			65	11	15	0900	37 3 S	150 21 E	16.1											G
T8			65	11	15	1000	37 3 S	150 33 E	18.3											G
T8			65	11	15	1100	37 15 S	150 33 E	19.1											G
T8			65	11	15	1200	37 27 S	150 33 E	19.2											G
T8			65	11	15	1300	37 27 S	150 27 E	19.2											G
T8			65	11	15	1400	37 9 S	150 21 E	19.2											G
T8			65	11	15	1500	37 3 S	150 21 E	18.8											G
T8			65	11	15	1600	37 9 S	150 21 E	19.2											G
T8			65	11	16	0900	36 27 S	150 9 E	17.8											G
T8			65	11	16	1000	36 21 S	150 21 E	18.5											G
T8			65	11	16	1100	36 15 S	150 27 E	18.5											G
T8			65	11	16	1200	35 57 S	150 33 E	18.5											G
T8			65	11	16	1300	35 51 S	150 39 E	18.9											G
T8			65	11	16	1400	35 45 S	150 39 E	18.9											G
T8			65	11	16	1600	35 39 S	150 39 E	18.0											G
T8			65	11	16	1700	35 33 S	150 39 E	18.3											G
T8			65	11	16	1800	35 21 S	150 39 E	18.3											G
T8			65	11	16	2000	35 9 S	150 39 E	16.4											G
T8			65	11	18	0800	35 33 S	150 45 E	18.1											G
T8			65	11	18	0900	35 45 S	150 39 E	18.2											G
T8			65	11	18	1000	35 51 S	150 39 E	18.1											G
T8			65	11	18	1100	35 57 S	150 33 E	17.8											G
T8			65	11	18	1200	36 9 S	150 33 E	17.9											G
T8			65	11	18	1300	36 21 S	150 33 E	18.2											G
T8			65	11	18	1400	36 21 S	150 33 E	18.3											G
T8			65	11	18	1500	36 21 S	150 39 E	18.9											G
T8			65	11	18	1700	36 21 S	150 51 E	18.9											G
T8			65	11	19	0700	36 15 S	150 21 E	17.8											G
T8			65	11	19	0800	36 21 S	150 33 E	17.8											G
T8			65	11	19	0900	36 21 S	150 39 E	17.9											G
T8			65	11	19	1000	36 27 S	150 45 E	18.3											G
T8			65	11	19	1100	36 39 S	150 45 E	18.3											G
T8			65	11	19	1200	36 45 S	150 45 E	18.4											G
T8			65	11	19	1300	36 39 S	150 39 E	18.5											G
T8			65	11	19	1400	36 27 S	150 39 E	19.0											G
T8			65	11	19	1500	36 21 S	150 57 E	18.9											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T8			65	11	19	1600	36 15 S	150 27 E	18.9											G
T8			65	11	20	0800	36 15 S	150 21 E	17.8											G
T8			65	11	20	0900	36 27 S	150 27 E	18.0											G
T8			65	11	20	1000	36 27 S	150 27 E	18.0											G
T8			65	11	20	1100	36 33 S	150 33 E	18.3											G
T8			65	11	20	1200	36 45 S	150 27 E	18.6											G
T8			65	11	20	1300	36 51 S	150 21 E	18.4											G
T8			65	11	22	0600	36 51 S	150 9 E	17.5											G
T8			65	11	22	0800	36 39 S	150 21 E	17.8											G
T8			65	11	22	0900	36 33 S	150 27 E	17.9											G
T8			65	11	22	1000	36 21 S	150 27 E	18.2											G
T8			65	11	22	1100	36 21 S	150 33 E	18.2											G
T8			65	11	22	1200	36 9 S	150 33 E	18.2											G
T8			65	11	22	1300	36 9 S	150 21 E	18.3											G
T8			65	11	22	1400	36 15 S	150 21 E	18.3											G
T8			65	11	22	1500	36 15 S	150 21 E	17.8											G
T8			65	11	22	1600	36 15 S	150 15 E	17.8											G
T8			65	11	23	0900	36 15 S	150 21 E	17.8											G
T8			65	11	23	1000	36 21 S	150 27 E	17.8											G
T8			65	11	23	1100	36 27 S	150 15 E	17.8											G
T8			65	12	9	1000	36 21 S	150 21 E	19.5											G
T8			65	12	9	1030	36 15 S	150 21 E	19.4											G
T8			65	12	9	1300	36 9 S	150 21 E	19.9											G
T8			65	12	9	1400	36 9 S	150 15 E	20.0											G
T8			65	12	9	1600	36 3 S	150 21 E	20.0											G
T8			65	12	9	1700	36 15 S	150 21 E	20.0											G
T8			65	12	10	0800	36 15 S	150 21 E	19.6											G
T8			65	12	10	0900	36 9 S	150 21 E	19.7											G
T8			65	12	10	1000	36 9 S	150 27 E	19.7											G
T8			65	12	10	1100	36 15 S	150 21 E	19.9											G
T8			65	12	10	1200	36 21 S	150 21 E	20.0											G
T8			65	12	10	1300	36 27 S	150 3 E	20.2											G
T8			65	12	10	1730	36 21 S	150 21 E	20.3											G
T8	27		65	12	20	0800	37 3 S	149 57 E	18.4	35.59										1
T8	27		65	12	20	0900	37 3 S	150 3 E	19.5	35.66										1
T8	27		65	12	20	1000	36 57 S	150 15 E	19.7											1
T8	27		65	12	20	1100	36 45 S	150 21 E	19.7											1
T8	27		65	12	20	1200	36 33 S	150 21 E	20.1	35.64										1
T8	27		65	12	20	1300	36 21 S	150 27 E	20.0											1
T8	27		65	12	20	1340	36 21 S	150 21 E	20.0	35.64										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T8	27		65	12	20	1400	36 21 S	150 21 E	20.0											1
T8	27		65	12	20	1425	36 15 S	150 21 E	20.0	35.64										1
T8	27		65	12	20	1430	36 15 S	150 21 E	20.0											1
T8	27		65	12	20	1500	36 21 S	150 21 E	20.0	35.68										1
T8	27		65	12	20	1600	36 21 S	150 21 E	20.0											1
T8	27		65	12	20	1700	36 27 S	150 21 E	20.0	35.68										1
T8	27		65	12	20	1745	36 21 S	150 21 E	19.9	35.68										1
T8	27		65	12	20	1835	36 21 S	150 33 E	20.0	35.68										1
T8	27		65	12	21	0700	35 57 S	150 15 E	19.1											1
T8	27		65	12	21	0800	36 9 S	150 21 E	19.4											1
T8	27		65	12	21	0900	36 15 S	150 21 E	19.6	35.64										1
T8	27		65	12	21	1000	36 21 S	150 27 E	19.4											1
T8	27		65	12	21	1100	36 27 S	150 39 E	19.4											1
T8	27		65	12	21	1200	36 27 S	150 27 E	19.7											1
T8	27		65	12	21	1300	36 27 S	150 39 E	19.7											1
T8	27		65	12	21	1310	36 27 S	150 39 E	19.7											1
T8	27		65	12	21	1400	36 33 S	150 33 E	19.4											1
T8	27		65	12	21	1500	36 45 S	150 27 E	19.4											1
T8	27		65	12	21	1516	36 45 S	150 27 E	19.4											1
T8	27		65	12	21	1600	36 51 S	150 15 E	19.4											1
T8	27		65	12	21	1700	36 51 S	150 3 E	19.4											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN. AMT.	SEA DN. AMT.	SWELL DN. AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T9	2		65	2	1	0500	34 45 S	135 57 E	20,6								1
T9	2		65	2	1	0600	34 51 S	136 3 E	19,9	35,97							1
T9	2		65	2	1	0700	35 3 S	136 3 E	17,9								1
T9	2		65	2	1	0800	35 3 S	135 51 E	17,7								1
T9	2		65	2	1	0900	34 57 S	135 39 E	17,9	35,70							1
T9	2		65	2	1	1000	34 51 S	135 27 E	17,5								1
T9	2		65	2	1	1015	34 51 S	135 27 E	17,7								1
T9	2		65	2	1	1100	34 45 S	135 21 E	17,6								1
T9	2		65	2	1	1200	34 45 S	135 9 E	17,7	35,52							1
T9	2		65	2	1	1235	34 45 S	135 3 E	17,8								1
T9	2		65	2	1	1300	34 45 S	135 3 E	17,9								1
T9	2		65	2	1	1334	34 45 S	134 57 E	18,1								1
T9	2		65	2	1	1400	34 45 S	134 51 E	18,5								1
T9	2		65	2	1	1451	34 51 S	134 45 E	18,7								1
T9	2		65	2	1	1500	34 51 S	134 45 E	18,8								1
T9	2		65	2	1	1600	34 51 S	134 45 E	18,8								1
T9	2		65	2	1	1700	34 51 S	134 45 E	18,8								1
T9	2		65	2	1	1800	34 51 S	134 45 E	18,9	35,39							1
T9	2		65	2	1	1900	34 51 S	134 45 E	18,7								1
T9	2		65	2	1	1928	34 51 S	134 45 E	18,6								1
T9	2		65	2	1	2000	34 45 S	134 45 E	18,2								1
T9	2		65	2	1	2100	34 39 S	134 45 E	18,2								1
T9	2		65	2	2	0700	34 39 S	134 45 E	17,9								1
T9	2		65	2	2	0800	34 51 S	134 45 E	18,2								1
T9	2		65	2	2	0900	34 51 S	134 45 E	18,1	35,44							1
T9	2		65	2	2	1000	34 51 S	134 45 E	18,1								1
T9	2		65	2	2	1020	34 51 S	134 45 E	18,1								1
T9	2		65	2	2	1100	34 51 S	134 45 E	18,3								1
T9	2		65	2	2	1116	34 51 S	134 45 E	18,3								1
T9	2		65	2	2	1200	34 51 S	134 39 E	18,3	35,35							1
T9	2		65	2	2	1300	34 51 S	134 45 E	18,3								1
T9	2		65	2	2	1400	34 51 S	134 45 E	18,2								1
T9	2		65	2	2	1435	34 51 S	134 45 E	18,4								1
T9	2		65	2	2	1500	34 51 S	134 45 E	18,8	35,37							1
T9	2		65	2	2	1600	34 51 S	134 45 E	18,8								1
T9	2		65	2	2	1700	34 51 S	134 39 E	18,7								1
T9	2		65	2	2	1800	34 51 S	134 39 E	18,6								1
T9	2		65	2	2	1900	34 51 S	134 57 E	18,3								1
T9	2		65	2	2	2000	34 57 S	135 9 E	18,0								1
T9	2		65	2	2	2100	34 57 S	135 21 E	17,8								1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T9	2		65	2	2	2200	35 3 S	135 27 E	17.7											1
T9	2		65	2	2	2300	35 3 S	135 39 E	17.7											1
T9	2		65	2	2	2359	35 3 S	135 51 E	17.5											1
T9	2		65	2	3	0100	35 3 S	135 57 E	17.5											1
T9	2		65	2	3	0200	34 57 S	136 3 E	17.6											1
T9	2		65	2	3	0300	34 45 S	136 3 E	17.6											1
T9	2		65	2	3	0400	34 45 S	135 57 E	17.7											1
T9	5		65	2	17	0700	34 51 S	134 51 E	18.5											1
T9	5		65	2	17	0800	34 45 S	134 39 E	18.2											1
T9	5		65	2	17	0815	34 45 S	134 39 E	18.0											1
T9	5		65	2	17	0900	34 51 S	134 39 E	18.5											1
T9	5		65	2	17	1000	34 51 S	134 39 E	18.6											1
T9	5		65	2	17	1100	34 51 S	134 39 E	18.6											1
T9	5		65	2	17	1135	34 45 S	134 39 E	18.5											1
T9	5		65	2	17	1140	34 51 S	134 39 E	18.7											1
T9	5		65	2	17	1200	34 51 S	134 39 E	18.5											1
T9	5		65	2	17	1300	34 51 S	134 39 E	18.2											1
T9	5		65	2	17	1400	34 51 S	134 39 E	18.4											1
T9	5		65	2	17	1500	34 51 S	134 39 E	18.1											1
T9	5		65	2	17	1600	34 45 S	134 39 E	18.4											1
T9	5		65	2	17	1800	34 51 S	134 39 E	18.4											1
T9	5		65	2	18	0600	34 45 S	135 3 E	18.0											1
T9	5		65	2	18	0700	34 45 S	134 51 E	18.5											1
T9	5		65	2	18	0800	34 45 S	134 39 E	18.2											1
T9	5		65	2	18	0815	34 45 S	134 39 E	18.0											1
T9	5		65	2	18	0840	34 51 S	134 39 E	18.1											1
T9	5		65	2	18	0900	34 51 S	134 39 E	18.5											1
T9	5		65	2	18	1000	34 51 S	134 39 E	18.6											1
T9	5		65	2	18	1100	34 51 S	134 39 E	18.6											1
T9	5		65	2	18	1135	34 51 S	134 39 E	18.5											1
T9	5		65	2	18	1140	34 51 S	134 39 E	18.7											1
T9	5		65	2	18	1200	34 51 S	134 39 E	18.5											1
T9	5		65	2	18	1300	34 51 S	134 39 E	18.2											1
T9	5		65	2	18	1400	34 51 S	134 39 E	18.4											1
T9	5		65	2	18	1500	34 51 S	134 39 E	18.1											1
T9	5		65	2	18	1600	34 51 S	134 39 E	18.4											1
T9	5		65	2	18	1700	34 51 S	134 39 E	18.4											1
T9	5		65	2	18	1800	34 51 S	134 39 E	18.4											1
T9	5		65	2	19	0600	34 39 S	134 45 E	18.4											1
T9	5		65	2	19	0700	34 39 S	134 45 E	18.4											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T9	5		65	2	19	0800	34 45 S	134 45 E	18,5											1
T9	5		65	2	19	1600	34 09 S	135 03 E	19,6											1
T9	6		65	3	5	0600	34 51 S	135 09 E		35,87										1
T9	6		65	3	5	0900	34 51 S	134 39 E		35,79										1
T9	6		65	3	5	1200	34 57 S	134 27 E		35,77										1
T9	6		65	3	5	1500	35 09 S	134 21 E		35,77										1
T9	6		65	3	5	1800	35 21 S	134 33 E		35,79										1
T9	9		65	3	10	0600	34 51 S	134 51 E	18,8	35,77										1
T9	9		65	3	10	0700	34 51 S	134 45 E	18,9											1
T9	9		65	3	10	0800	34 51 S	134 39 E	19,4											1
T9	9		65	3	10	0900	34 51 S	134 39 E	19,1	35,98										1
T9	9		65	3	10	0920	34 51 S	134 39 E	19,1											1
T9	9		65	3	10	1000	34 45 S	134 39 E	19,1											1
T9	9		65	3	10	1100	34 45 S	134 45 E	18,7											1
T9	9		65	3	10	1200	34 39 S	134 45 E	18,4	35,81										1
T9	9		65	3	10	1300	34 45 S	134 57 E	18,9											1
T9	9		65	3	10	1330	34 51 S	135 21 E	19,1											1
T9	9		65	3	10	1345	34 51 S	135 27 E	19,1											1
T9	9		65	3	10	1400	34 57 S	135 33 E	19,2											1
T9	9		65	3	10	1500	34 57 S	135 39 E	19,2	35,78										1
T9	9		65	3	10	1600	34 57 S	135 39 E	19,2											1
T9	9		65	3	10	1700	34 57 S	135 39 E	19,1											1
T9	9		65	3	10	1800	34 57 S	135 39 E	19,1	35,83										1
T9	9		65	3	10	1915	34 57 S	135 39 E	19,2											1
T9	9		65	3	11	0600	34 57 S	135 45 E	18,4	35,80										1
T9	9		65	3	11	0700	34 57 S	135 57 E	18,1											1
T9	9		65	3	11	0730	34 57 S	135 57 E	19,1											1
T9	9		65	3	11	0800	34 57 S	135 51 E	18,3											1
T9	9		65	3	11	0815	34 57 S	135 51 E	17,9											1
T9	9		65	3	11	0830	34 57 S	135 51 E	18,5											1
T9	9		65	3	11	0900	34 57 S	135 39 E	18,8	35,83										1
T9	9		65	3	11	0945	34 57 S	135 39 E	18,7											1
T9	9		65	3	11	1000	34 57 S	135 39 E	18,5											1
T9	9		65	3	11	1100	35 09 S	135 39 E	19,1											1
T9	9		65	3	11	1130	35 09 S	135 39 E	19,2											1
T9	9		65	3	11	1200	34 57 S	135 39 E	18,9	35,74										1
T9	9		65	3	11	1300	34 57 S	135 39 E	18,9											1
T9	9		65	3	11	1400	34 57 S	135 39 E	18,7											1
T9	9		65	3	11	1430	34 57 S	135 39 E	18,9											1
T9	9		65	3	11	1500	34 57 S	135 39 E	18,3	35,81										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN. AMT.	SEA DN. AMT.	SWELL DN. AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T9	9	65	3	11	1530	34 57 S	135 39 E	18.2									1
T9	9	65	3	11	1545	34 57 S	135 39 E	18.1									1
T9	9	65	3	11	1600	34 57 S	135 39 E	18.2									1
T9	9	65	3	11	1700	34 57 S	135 45 E	18.4									1
T9	9	65	3	11	1800	34 57 S	135 51 E	18.4	35.83								1
T9	10	65	3	15	0600	34 57 S	135 51 E	18.1	35.81								1
T9	10	65	3	15	0700	34 57 S	135 51 E	18.2									1
T9	10	65	3	15	0800	34 57 S	135 45 E	17.9									1
T9	10	65	3	15	0900	34 57 S	135 45 E	18.4	35.79								1
T9	10	65	3	15	1000	34 57 S	135 39 E	18.6									1
T9	10	65	3	15	1100	34 57 S	135 39 E	18.9									1
T9	10	65	3	15	1200	34 57 S	135 39 E	19.1	35.80								1
T9	10	65	3	15	1300	34 57 S	135 39 E	19.0									1
T9	10	65	3	15	1400	34 57 S	135 45 E	18.9									1
T9	10	65	3	15	1500	34 57 S	135 45 E	19.2	35.81								1
T9	10	65	3	15	1600	34 57 S	135 45 E	19.1									1
T9	10	65	3	15	1700	34 57 S	135 39 E	19.1									1
T9	10	65	3	15	1800	34 57 S	135 33 E	19.1									1
T9	10	65	3	16	0600	34 27 S	135 15 E	17.8	35.72								1
T9	10	65	3	16	0700	34 27 S	135 9 E	17.7									1
T9	10	65	3	16	0800	34 21 S	135 9 E	17.5									1
T9	10	65	3	16	0900	34 21 S	135 3 E	18.1	35.71								1
T9	10	65	3	16	1000	34 21 S	135 3 E	18.2									1
T9	10	65	3	16	1100	34 15 S	135 3 E	18.8									1
T9	10	65	3	16	1200	34 15 S	135 3 E	18.7	35.76								1
T9	10	65	3	16	1300	34 15 S	135 3 E	19.4									1
T9	10	65	3	16	1400	34 15 S	135 3 E	20.6									1
T9	10	65	3	16	1500	34 15 S	135 3 E	20.7	35.78								1
T9	10	65	3	16	1600	34 15 S	135 3 E	20.2									1
T9	10	65	3	16	1700	34 15 S	135 3 E	19.6									1
T9	10	65	3	16	1800	34 21 S	135 9 E	19.3	35.72								1
T9	10	65	3	17	0600	34 15 S	135 3 E	18.3	35.80								1
T9	10	65	3	17	0700	34 9 S	134 57 E	18.6									1
T9	10	65	3	17	0800	34 3 S	134 45 E	18.7									1
T9	10	65	3	17	0900	33 57 S	134 39 E	18.9									1
T9	10	65	3	17	1100	33 51 S	134 27 E	19.3									1
T9	10	65	3	17	1200	33 51 S	134 15 E	19.2	35.86								1
T9	10	65	3	17	1300	33 51 S	134 15 E	19.1									1
T9	10	65	3	17	1400	33 51 S	134 15 E	19.3									1
T9	10	65	3	17	1500	33 51 S	134 15 E	19.1	35.84								1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T9	10	65	3	17	1800	33 51 S	134 15 E	18,8	35,84										1
T9	10	65	3	18	0900	34 57 S	135 33 E	18,2	35,83										1
T9	10	65	3	18	1200	34 51 S	136 3 E	18,7	35,95										1
T9	13	65	3	20	0600	35 3 S	135 57 E	18,3	35,76										1
T9	13	65	3	20	0700	35 9 S	135 45 E	18,5											1
T9	13	65	3	20	0800	35 15 S	135 39 E	18,6											1
T9	13	65	3	20	0900	35 15 S	135 39 E	18,7	35,77										1
T9	13	65	3	20	1000	35 15 S	135 39 E	18,6											1
T9	13	65	3	20	1100	35 15 S	135 39 E	18,5											1
T9	13	65	3	20	1200	35 15 S	135 39 E	18,7	35,65										1
T9	13	65	3	20	1300	35 15 S	135 45 E	18,6											1
T9	13	65	3	20	1500	35 15 S	136 3 E	18,4	35,66										1
T9	13	65	3	20	1600	35 9 S	136 3 E	18,1											1
T9	13	65	3	20	1700	35 15 S	136 9 E	18,3											1
T9	13	65	3	20	1800	35 9 S	136 3 E	18,1	35,86										1
T9	13	65	3	21	0600	35 9 S	135 51 E	17,9	35,79										1
T9	13	65	3	21	0800	35 15 S	135 39 E	18,4											1
T9	13	65	3	21	0900	35 15 S	135 39 E	18,4	35,61										1
T9	13	65	3	21	1000	35 15 S	135 39 E	18,1											1
T9	13	65	3	21	1100	35 15 S	135 39 E	18,3											1
T9	13	65	3	21	1200	35 15 S	135 39 E	18,5	35,45										1
T9	13	65	3	21	1300	35 15 S	135 39 E	18,6											1
T9	13	65	3	21	1400	35 15 S	135 39 E	18,6											1
T9	13	65	3	21	1500	35 15 S	135 39 E	18,2	35,75										1
T9	13	65	3	21	1600	35 15 S	135 39 E	18,5											1
T9	13	65	3	21	1700	35 9 S	135 51 E	18,1											1
T9	13	65	3	21	1800	35 3 S	136 3 E	17,4	35,39										1
T9	13	65	3	21	1900	34 45 S	136 3 E	17,7											1
T9	14	65	3	23	1900	34 45 S	135 57 E	19,6											1
T9	14	65	3	24	2000	34 45 S	135 57 E	18,9											1
T9	14	65	3	25	0600	35 15 S	135 39 E	18,2	35,81										1
T9	14	65	3	25	0700	35 15 S	135 39 E	18,2											1
T9	14	65	3	25	0800	35 15 S	135 39 E	18,2											1
T9	14	65	3	25	0840	35 15 S	135 39 E	18,5											1
T9	14	65	3	25	0900	35 21 S	135 33 E	18,4	35,68										1
T9	14	65	3	25	1000	35 21 S	135 39 E	18,6											1
T9	14	65	3	25	1100	35 21 S	135 45 E	18,6											1
T9	14	65	3	25	1200	35 15 S	135 57 E	18,5	35,71										1
T9	14	65	3	25	1300	35 15 S	136 3 E	18,7											1
T9	14	65	3	25	1400	35 15 S	136 3 E	18,8											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T9	14	65	3	25	1500	35 15 S	136 3 E	18.7	35.71											1
T9	14	65	3	25	1600	35 15 S	136 3 E	18.6												1
T9	14	65	3	25	1700	35 21 S	136 3 E	18.6												1
T9	14	65	3	25	1800	35 21 S	136 9 E	18.7	35.71											1
T9	14	65	3	25	1815	35 21 S	136 9 E	18.2												1
T9	14	65	3	26	0600	35 21 S	136 9 E	18.2	35.68											1
T9	14	65	3	26	0700	35 21 S	136 9 E	18.2												1
T9	14	65	3	26	0800	35 21 S	136 9 E	18.3												1
T9	14	65	3	26	0900	35 21 S	136 9 E	18.8	35.81											1
T9	14	65	3	26	0945	35 15 S	136 3 E	18.6												1
T9	14	65	3	26	1000	35 15 S	136 3 E	18.6												1
T9	14	65	3	26	1100	35 15 S	136 3 E	18.7												1
T9	14	65	3	26	1200	35 15 S	136 3 E	18.4	35.66											1
T9	14	65	3	26	1300	35 9 S	136 3 E	18.8												1
T9	14	65	3	26	1400	34 57 S	136 3 E	18.8												1
T9	14	65	3	26	1500	34 45 S	136 3 E	19.1	35.53											1
T9	14	65	3	26	1600	34 45 S	135 57 E	20.4												1
T9	14	65	3	26	1900	34 45 S	135 57 E	20.4												1
T9	14	65	3	27	0600	35 15 S	136 3 E	18.4	35.95											1
T9	14	65	3	27	0700	35 15 S	136 3 E	18.5												1
T9	14	65	3	27	0800	35 15 S	136 3 E	18.4												1
T9	14	65	3	27	0900	35 21 S	136 9 E	18.4	35.75											1
T9	14	65	3	27	1000	35 21 S	136 9 E	18.6												1
T9	14	65	3	27	1100	35 21 S	136 9 E	18.7												1
T9	14	65	3	27	1200	35 15 S	136 3 E	18.7	36.08											1
T9	14	65	3	27	1300	35 21 S	136 3 E	18.7												1
T9	14	65	3	27	1310	35 21 S	136 3 E	18.6												1
T9	14	65	3	27	1500	35 3 S	136 3 E	17.8	35.88											1
T9	14	65	3	27	1600	34 45 S	136 3 E	18.4												1
T9	14	65	3	27	1700	34 45 S	135 57 E	19.8												1
T9	18	65	4	6	0600	35 33 S	135 57 E	18.1	35.82											1
T9	18	65	4	6	0700	35 39 S	135 57 E	19.2												1
T9	18	65	4	6	0800	35 51 S	135 57 E	18.8												1
T9	18	65	4	6	0900	35 57 S	135 51 E	18.6	35.68											1
T9	18	65	4	6	1000	36 3 S	135 51 E	18.7												1
T9	18	65	4	6	1100	36 3 S	135 51 E	18.7												1
T9	18	65	4	6	1200	36 15 S	135 51 E	17.8	35.37											1
T9	18	65	4	6	1300	36 3 S	135 51 E	17.8												1
T9	18	65	4	6	1400	36 9 S	135 51 E	17.9												1
T9	18	65	4	6	1500	36 15 S	135 51 E	18.4	35.37											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T9	18	65	4	6	1600	36 15 S	135 57 E	18.4												1
T9	18	65	4	6	1700	36 15 S	135 57 E	18.4												1
T9	18	65	4	6	1800	36 15 S	135 57 E	18.0	35.28											1
T9	18	65	4	7	0700	36 15 S	135 51 E	18.3												1
T9	18	65	4	7	0800	36 15 S	135 51 E	18.5												1
T9	18	65	4	7	0900	36 15 S	135 57 E	18.4	35.43											1
T9	18	65	4	7	1000	36 15 S	136 3 E	18.5												1
T9	18	65	4	7	1100	36 15 S	136 3 E	18.7												1
T9	18	65	4	7	1200	36 21 S	136 9 E	18.6	35.50											1
T9	18	65	4	7	1300	36 27 S	136 9 E	18.4												1
T9	18	65	4	7	1400	36 27 S	136 9 E	17.9												1
T9	18	65	4	7	1500	36 27 S	136 9 E	18.9	35.55											1
T9	18	65	4	7	1600	36 27 S	136 9 E	18.7												1
T9	18	65	4	7	1700	36 15 S	135 57 E	18.3												1
T9	18	65	4	7	1800	36 9 S	135 51 E	18.3	35.57											1
T9	18	65	4	8	0600	36 9 S	135 51 E	18.3	35.44											1
T9	18	65	4	8	0700	36 9 S	135 51 E	18.6												1
T9	18	65	4	8	0800	36 9 S	135 51 E	18.6												1
T9	18	65	4	8	0900	36 9 S	135 45 E	18.7	35.59											1
T9	18	65	4	8	1000	36 9 S	135 45 E	18.7												1
T9	18	65	4	8	1100	36 9 S	135 51 E	18.7												1
T9	18	65	4	8	1200	36 9 S	135 51 E	18.9	35.77											1
T9	18	65	4	8	1300	36 9 S	135 51 E	19.0												1
T9	18	65	4	8	1400	36 9 S	135 51 E	19.4												1
T9	18	65	4	8	1500	36 9 S	135 51 E	19.7	35.41											1
T9	18	65	4	8	1600	36 15 S	135 45 E	19.5												1
T9	18	65	4	8	1700	36 9 S	135 45 E	19.2												1
T9	18	65	4	8	1800	36 9 S	135 45 E	19.0	35.44											1
T9	18	65	4	9	0600	36 03 S	135 45 E	18.7	35.53											1
T9	18	65	4	9	0800	36 3 S	135 45 E	18.4												1
T9	18	65	4	9	0900	36 9 S	135 45 E	18.5	35.43											1
T9	18	65	4	9	1000	36 9 S	135 51 E	18.4												1
T9	18	65	4	9	1100	36 3 S	135 57 E	18.7												1
T9	18	65	4	9	1200	35 51 S	135 57 E	18.5	35.77											1
T9	18	65	4	9	1300	35 39 S	136 3 E	18.4												1
T9	18	65	4	9	1400	35 27 S	136 3 E	18.4												1
T9	18	65	4	9	1500	35 15 S	136 3 E	18.2	35.93											1
T9	18	65	4	9	1600	35 3 S	136 3 E	18.5												1
T9	18	65	4	9	1700	34 45 S	136 3 E	17.5												1
T9	18	65	4	9	1800	34 45 S	135 57 E	18.0	36.09											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T9	20	65	4	25	1800	34 45 S	135 57 E	16.8												1
T9	20	65	4	25	1910	34 45 S	135 57 E	16.8												1
T9	20	65	4	27	0600	34 57 S	135 51 E	17.4	35.68											1
T9	20	65	4	27	0700	34 57 S	135 45 E	17.4												1
T9	20	65	4	27	0800	34 57 S	135 39 E	17.4												1
T9	20	65	4	27	0900	34 57 S	135 39 E	17.3	35.62											1
T9	20	65	4	27	0930	34 57 S	135 39 E	17.4												1
T9	20	65	4	27	1000	34 57 S	135 33 E	17.6												1
T9	20	65	4	27	1030	34 57 S	135 33 E	17.8												1
T9	20	65	4	27	1100	34 57 S	135 33 E	17.9												1
T9	20	65	4	27	1200	34 57 S	135 27 E	17.9	35.57											1
T9	20	65	4	27	1300	34 57 S	135 27 E	17.9												1
T9	20	65	4	27	1400	34 57 S	135 27 E	17.8												1
T9	20	65	4	27	1420	34 57 S	135 27 E	17.7												1
T9	20	65	4	27	1500	34 57 S	135 21 E	17.9	35.71											1
T9	20	65	4	27	1600	34 57 S	135 21 E	17.9												1
T9	20	65	4	27	1700	34 51 S	135 9 E	17.8												1
T9	20	65	4	27	1800	34 45 S	135 3 E	17.6	35.68											1
T9	20	65	4	28	0830	34 51 S	135 3 E	17.6												1
T9	20	65	4	28	0900	34 51 S	135 3 E	17.5	35.59											1
T9	20	65	4	28	1000	34 57 S	135 3 E	17.6												1
T9	20	65	4	28	1015	34 57 S	135 3 E	17.6												1
T9	20	65	4	28	1100	34 57 S	135 3 E	17.6												1
T9	20	65	4	28	1200	34 51 S	135 3 E	17.9	35.82											1
T9	20	65	4	28	1300	34 51 S	135 3 E	17.9												1
T9	20	65	4	28	1400	34 51 S	135 15 E	17.9												1
T9	20	65	4	28	1500	34 57 S	135 21 E	18.1	35.79											1
T9	20	65	4	28	1600	34 57 S	135 27 E	18.1												1
T9	20	65	4	28	1700	34 57 S	135 39 E	18.1												1
T9	20	65	4	28	1800	34 57 S	135 45 E	17.3	35.81											1
T9	20	65	4	28	2300	34 45 S	135 57 E	16.8												1
T9	20	65	4	29	0600	34 51 S	136 3 E	17.0	35.61											1
T9	20	65	4	29	0700	34 57 S	136 3 E	17.2												1
T9	20	65	4	29	0800	34 57 S	135 51 E	17.3												1
T9	20	65	4	29	0900	34 57 S	135 33 E	17.4	35.46											1
T9	20	65	4	29	1000	34 51 S	135 21 E	17.7												1
T9	20	65	4	29	1100	34 51 S	135 21 E	17.8												1
T9	20	65	4	29	1130	34 51 S	135 15 E	17.9												1
T9	20	65	4	29	1140	34 51 S	135 15 E	17.9												1
T9	20	65	4	29	1200	34 51 S	135 15 E	17.9	35.71											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
T9	20	65	4	29	1300	34 51 S	135 9 E	18.0												1
T9	20	65	4	29	1400	34 51 S	135 9 E	18.0												1
T9	20	65	4	29	1500	34 51 S	135 15 E	17.8												1
T9	20	65	4	29	1545	34 45 S	135 9 E	18.1												1
T9	20	65	4	29	1600	34 45 S	135 9 E	18.1												1
T9	20	65	4	29	1700	34 45 S	135 9 E	17.9												1
T9	20	65	4	29	1800	34 45 S	135 3 E	17.8	35.84											1
T9	20	65	4	30	0800	34 45 S	135 3 E	17.6												1
T9	20	65	4	30	0900	34 51 S	135 3 E	17.9												1
T9	20	65	4	30	1000	34 51 S	135 9 E	17.9												1
T9	20	65	4	30	1100	34 51 S	135 3 E	17.8												1
T9	20	65	4	30	1200	34 51 S	135 3 E	18.0	35.84											1
T9	20	65	4	30	1300	34 45 S	135 9 E	18.1												1
T9	20	65	4	30	1400	34 45 S	135 9 E	18.1												1
T9	20	65	4	30	1500	34 45 S	135 9 E	18.3	35.52											1
T9	20	65	4	30	1600	34 51 S	135 21 E	17.8												1
T9	20	65	4	30	1700	34 57 S	135 27 E	17.9												1
T9	20	65	4	30	1800	34 57 S	135 51 E	17.6	35.59											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	1		65	2	2	0530	37 57 S	149 15 E	17.4	35.53										
U3	1		65	2	2	0645	38 03 S	149 09 E	17.4	35.50										1
U3	1		65	2	2	0800	38 09 S	148 57 E	17.3	35.53										1
U3	1		65	2	2	0915	38 21 S	148 51 E	17.6	35.50										1
U3	1		65	2	2	1030	38 27 S	148 39 E	17.2	35.53										1
U3	1		65	2	2	1145	38 39 S	148 27 E	17.4	35.53										1
U3	1		65	2	2	1300	38 51 S	148 09 E	16.7	35.41										1
U3	1		65	2	2	1415	39 03 S	147 57 E	16.7	35.43										1
U3	1		65	2	2	1600	39 21 S	147 39 E	16.6											1
U3	1		65	2	2	1700	39 27 S	147 51 E	16.6											1
U3	1		65	2	2	1800	39 33 S	148 03 E	16.5	35.28										1
U3	1		65	2	2	1900	39 39 S	148 03 E	16.6											1
U3	1		65	2	2	2000	39 45 S	147 57 E	16.7											1
U3	1		65	2	3	0800	39 45 S	147 57 E	16.6											1
U3	1		65	2	3	0830	39 39 S	147 57 E	16.5											1
U3	1		65	2	3	0900	39 39 S	148 03 E	16.5	35.30										1
U3	1		65	2	3	1000	39 39 S	148 15 E	16.9											1
U3	1		65	2	3	1100	39 39 S	148 21 E	16.6											1
U3	1		65	2	3	1200	39 39 S	148 33 E	16.4	35.30										1
U3	1		65	2	3	1300	39 45 S	148 27 E	16.7											1
U3	1		65	2	3	1400	39 51 S	148 27 E	17.2											1
U3	1		65	2	3	1500	39 57 S	148 21 E	17.1	35.37										1
U3	1		65	2	4	0900	39 57 S	148 27 E	16.6	35.37										1
U3	1		65	2	4	1000	39 57 S	148 33 E	16.6											1
U3	1		65	2	4	1010	39 57 S	148 33 E	16.6	35.28										1
U3	1		65	2	4	1110	39 57 S	148 39 E	16.7	35.35										1
U3	1		65	2	4	1200	39 57 S	148 39 E	16.8	35.30										1
U3	1		65	2	4	1300	40 09 S	148 33 E	17.1											1
U3	1		65	2	4	1400	40 09 S	148 27 E	17.6											1
U3	1		65	2	4	1500	40 15 S	148 21 E	18.0	35.57										1
U3	2		65	2	5	0800	40 21 S	148 21 E	17.4											1
U3	2		65	2	5	0905	40 21 S	148 33 E	16.7	35.32										1
U3	2		65	2	5	0945	40 21 S	148 33 E	16.5	35.23										1
U3	2		65	2	5	1115	40 27 S	148 51 E	17.4	35.41										1
U3	2		65	2	5	1215	40 33 S	149 03 E	17.7	35.46										1
U3	2		65	2	5	1235	40 33 S	149 03 E	17.9	35.46										1
U3	2		65	2	5	1317	40 33 S	149 15 E	18.2	35.46										1
U3	2		65	2	5	1500	40 33 S	149 03 E	18.6	35.44										1
U3	2		65	2	5	1600	40 27 S	148 57 E	18.1											1
U3	2		65	2	5	1700	40 27 S	148 45 E	17.3											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	2		65	2	5	1800	40 21 S	148 33 E	17.8	35.53										1
U3	2		65	2	5	1900	40 21 S	148 27 E	17.8											1
U3	3		65	2	6	0804	40 21 S	148 21 E	18.2											1
U3	3		65	2	6	0900	40 15 S	148 33 E	16.9	35.34										1
U3	3		65	2	6	1000	40 09 S	148 39 E	16.9											1
U3	3		65	2	6	1100	40 09 S	148 39 E	16.9											1
U3	3		65	2	6	1200	40 15 S	148 33 E	16.8	35.30										1
U3	3		65	2	6	1300	40 15 S	148 27 E	16.9											1
U3	3		65	2	6	1400	40 15 S	148 21 E	17.0											1
U3	6		65	2	12	0600	40 33 S	148 09 E	16.9											1
U3	6		65	2	12	0700	40 39 S	148 09 E	16.6											1
U3	6		65	2	12	0800	40 51 S	148 21 E	15.3											1
U3	6		65	2	12	0900	40 57 S	148 21 E	15.2	35.14										1
U3	6		65	2	12	1000	41 03 S	148 21 E	15.7											1
U3	6		65	2	12	1100	41 15 S	148 21 E	15.7											1
U3	7		65	2	13	0700	41 15 S	148 21 E	16.7											1
U3	7		65	2	13	0800	41 15 S	148 33 E	16.2											1
U3	7		65	2	13	0830	41 21 S	148 39 E	16.2	35.32										1
U3	7		65	2	13	0900	41 21 S	148 45 E	16.7											1
U3	7		65	2	13	0945	41 21 S	148 51 E	16.7	35.39										1
U3	7		65	2	13	1000	41 21 S	148 57 E	16.7											1
U3	7		65	2	13	1055	41 21 S	149 03 E	15.7	35.35										1
U3	7		65	2	13	1200	41 27 S	148 57 E	16.7											1
U3	7		65	2	13	1300	41 27 S	148 51 E	16.5											1
U3	7		65	2	13	1400	41 27 S	148 39 E	16.9											1
U3	7		65	2	13	1500	41 27 S	148 33 E	16.9	35.23										1
U3	7		65	2	13	1600	41 15 S	148 21 E	16.2											1
U3	8		65	2	16	0800	41 09 S	148 21 E	16.0											1
U3	8		65	2	16	0900	41 03 S	148 21 E	16.6	35.23										1
U3	8		65	2	16	1000	40 57 S	148 21 E	15.3											1
U3	8		65	2	16	1100	40 51 S	148 21 E	16.6											1
U3	8		65	2	16	1200	40 39 S	148 27 E	16.5	35.12										1
U3	8		65	2	16	1207	40 39 S	148 33 E	16.5	35.12										1
U3	8		65	2	16	1300	40 33 S	148 39 E	17.5											1
U3	8		65	2	16	1330	40 33 S	148 45 E	17.2	35.21										1
U3	8		65	2	16	1505	40 27 S	148 39 E	16.6	35.10										1
U3	8		65	2	16	1600	40 27 S	148 33 E	17.2											1
U3	8		65	2	16	1705	40 33 S	148 27 E	17.9											1
U3	9		65	2	18	0630	40 27 S	148 21 E	17.6											1
U3	9		65	2	18	0705	40 33 S	148 27 E	17.6											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	9		65	2	18	0800	40 33 S	148 33 E	16.8											1
U3	9		65	2	18	0900	40 33 S	148 33 E	16.9	35.26										1
U3	9		65	2	18	1000	40 33 S	148 27 E	17.3											1
U3	9		65	2	18	1100	40 33 S	148 15 E	17.7											1
U3	9		65	2	18	1200	40 33 S	148 09 E	17.9	35.50										1
U3	9		65	2	18	1300	40 27 S	147 57 E	18.2											1
U3	9		65	2	18	1400	40 21 S	147 57 E	18.7											1
U3	9		65	2	18	1600	40 15 S	148 15 E	18.6											1
U3	11		65	2	20	0800	40 15 S	148 27 E	17.4											1
U3	11		65	2	20	0900	40 15 S	148 39 E	17.7	35.44										1
U3	11		65	2	20	1000	40 15 S	148 45 E	17.9											1
U3	11		65	2	20	1020	40 15 S	148 51 E	18.0	35.46										1
U3	11		65	2	20	1100	40 15 S	148 57 E	18.4											1
U3	11		65	2	20	1120	40 15 S	149 03 E	18.4	35.55										1
U3	11		65	2	20	1205	40 15 S	149 03 E	18.5	35.53										1
U3	11		65	2	20	1220	40 15 S	149 09 E	18.4	35.53										1
U3	11		65	2	20	1300	40 15 S	149 03 E	18.6											1
U3	11		65	2	20	1400	40 09 S	148 57 E	18.9											1
U3	11		65	2	20	1505	40 09 S	148 45 E	18.6	35.46										1
U3	11		65	2	20	1600	40 03 S	148 39 E	18.6											1
U3	11		65	2	20	1700	39 57 S	148 27 E	18.1											1
U3	12		65	2	21	0800	39 57 S	148 27 E	18.1											1
U3	12		65	2	21	0900	39 57 S	148 39 E	17.7	35.57										1
U3	12		65	2	21	1000	39 51 S	148 51 E	17.6	35.48										1
U3	12		65	2	21	1100	39 51 S	148 57 E	18.4											1
U3	12		65	2	21	1110	39 45 S	149 03 E	18.3	35.55										1
U3	12		65	2	21	1200	39 45 S	148 57 E	18.2	35.53										1
U3	12		65	2	21	1300	39 45 S	148 51 E	18.3											1
U3	12		65	2	21	1505	39 51 S	148 33 E	17.9	35.43										1
U3	12		65	2	21	1600	39 51 S	148 27 E	18.1											1
U3	13		65	2	22	0600	39 57 S	148 21 E	17.6											1
U3	13		65	2	22	0700	40 09 S	148 21 E	19.3											1
U3	13		65	2	22	0800	40 15 S	148 21 E	19.0											1
U3	14		65	2	25	0700	40 15 S	148 21 E	18.7											1
U3	14		65	2	25	0900	39 57 S	148 21 E	17.1	35.39										1
U3	14		65	2	25	1000	39 45 S	148 21 E	17.1											1
U3	14		65	2	25	1100	39 39 S	148 27 E	17.3											1
U3	14		65	2	25	1200	39 39 S	148 21 E	17.4	35.35										1
U3	14		65	2	25	1300	39 39 S	148 15 E	17.7											1
U3	14		65	2	25	1400	39 45 S	148 03 E	18.1											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	14		65	2	25	1500	39 45 S	147 57 E	18.1											1
U3	15		65	2	26	0700	39 45 S	148 03 E	17.8											1
U3	15		65	2	26	0800	39 39 S	148 15 E	17.6											1
U3	15		65	2	26	0900	39 39 S	148 21 E	17.3	35,39										1
U3	15		65	2	26	0945	39 39 S	148 27 E	17.1	35,39										1
U3	15		65	2	26	1000	39 39 S	148 33 E	17.1											1
U3	15		65	2	26	1100	39 39 S	148 39 E	17.3	35,41										1
U3	15		65	2	26	1200	39 45 S	148 45 E	17.2	35,41										1
U3	15		65	2	26	1300	39 57 S	148 51 E	17.3											1
U3	15		65	2	26	1400	40 03 S	148 51 E	17.4											1
U3	15		65	2	26	1500	40 03 S	148 45 E	17.1	35,37										1
U3	15		65	2	26	1600	40 03 S	148 33 E	17.5											1
U3	15		65	2	26	1700	39 57 S	148 21 E	18.5											1
U3	16		65	2	27	0900	39 51 S	148 21 E	17.6	35,41										1
U3	16		65	2	27	1000	39 45 S	148 15 E	17.6											1
U3	16		65	2	27	1100	39 51 S	148 09 E	17.4											1
U3	16		65	2	27	1200	39 57 S	148 15 E	18.2	35,48										1
U3	16		65	2	27	1400	40 09 S	148 27 E	17.6											1
U3	16		65	2	27	1500	40 15 S	148 33 E	18.2	34,96										1
U3	17		65	2	28	0800	40 15 S	148 33 E	17.2											1
U3	17		65	2	28	0900	40 15 S	148 45 E	17.5	35,48										1
U3	17		65	2	28	1000	40 15 S	148 51 E	18.1											1
U3	17		65	2	28	1100	40 09 S	148 57 E	18.2											1
U3	17		65	2	28	1200	40 03 S	149 03 E	18.4	35,55										1
U3	17		65	2	28	1300	39 57 S	149 03 E	18.6											1
U3	17		65	2	28	1400	39 51 S	148 57 E	18.6											1
U3	17		65	2	28	1445	39 51 S	149 03 E	18.8	35,55										1
U3	17		65	2	28	1500	39 51 S	149 03 E	18.7											1
U3	17		65	2	28	1600	39 45 S	149 03 E	19.1											1
U3	17		65	2	28	1800	39 45 S	148 45 E	18.4											1
U3	17		65	2	28	1900	39 51 S	148 39 E	18.7											1
U3	17		65	2	28	2000	39 51 S	148 33 E	18.5											1
U3	17		65	2	28	2100	39 57 S	148 27 E	18.3											1
U3	18		65	3	1	0700	39 57 S	148 27 E	17.8											1
U3	18		65	3	1	0800	39 57 S	148 33 E	17.1											1
U3	18		65	3	1	0900	39 51 S	148 45 E	17.6	35,52										1
U3	18		65	3	1	1000	39 45 S	148 51 E	18.2											1
U3	18		65	3	1	1100	39 39 S	148 51 E	18.6											1
U3	18		65	3	1	1200	39 45 S	148 57 E	18.6	35,55										1
U3	18		65	3	1	1300	39 51 S	148 57 E	18.6											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	18	65	3	1	1400	40 03 S	148 51 E	18.5												1
U3	18	65	3	1	1500	40 03 S	148 39 E	18.2	35.46											1
U3	18	65	3	1	1600	40 09 S	148 33 E	17.8												1
U3	18	65	3	1	1700	40 15 S	148 27 E	18.6												1
U3	18	65	3	1	1800	40 15 S	148 21 E	19.4												1
U3	19	65	3	3	0900	40 15 S	148 33 E	18.1	35.41											1
U3	19	65	3	3	1000	40 09 S	148 45 E	18.3												1
U3	19	65	3	3	1100	40 03 S	148 51 E	18.8												1
U3	19	65	3	3	1200	40 03 S	148 51 E	18.5	35.55											1
U3	19	65	3	3	1300	39 57 S	148 57 E	19.1												1
U3	19	65	3	3	1400	39 57 S	148 57 E	19.1												1
U3	19	65	3	3	1503	40 03 S	148 51 E	18.6	35.10											1
U3	20	65	3	5	0700	40 15 S	148 15 E	18.9												1
U3	20	65	3	5	0805	40 15 S	148 03 E	18.6												1
U3	20	65	3	5	0900	40 21 S	147 57 E	18.2	35.48											1
U3	20	65	3	5	1000	40 15 S	147 51 E	18.7												1
U3	20	65	3	5	1105	40 09 S	147 51 E	18.7												1
U3	20	65	3	5	1200	40 03 S	147 51 E	17.4	35.61											1
U3	20	65	3	5	1300	40 03 S	147 57 E	19.2												1
U3	20	65	3	5	1400	40 09 S	147 57 E	18.0												1
U3	20	65	3	5	1505	40 15 S	148 03 E	19.3	35.64											1
U3	22	65	3	8	0800	40 09 S	148 21 E	18.2												1
U3	22	65	3	8	0900	40 03 S	148 15 E	17.5	35.50											1
U3	22	65	3	8	1000	39 57 S	148 21 E	16.4												1
U3	22	65	3	8	1100	39 57 S	148 21 E	16.6												1
U3	22	65	3	8	1200	40 03 S	148 21 E	16.6	35.39											1
U3	22	65	3	8	1300	40 09 S	148 27 E	17.6												1
U3	22	65	3	8	1400	40 09 S	148 21 E	18.7												1
U3	23	65	3	10	0800	40 15 S	148 33 E	17.4												1
U3	23	65	3	10	0900	40 15 S	148 39 E	16.6	35.35											1
U3	23	65	3	10	1000	40 09 S	148 39 E	16.9												1
U3	23	65	3	10	1100	40 03 S	148 33 E	16.9												1
U3	23	65	3	10	1200	39 57 S	148 33 E	17.2	35.41											1
U3	23	65	3	10	1300	39 51 S	148 33 E	17.2												1
U3	23	65	3	10	1400	39 57 S	148 21 E	16.6												1
U3	23	65	3	10	1500	39 57 S	148 21 E	16.7	35.37											1
U3	23	65	3	10	1600	40 03 S	148 21 E	17.0												1
U3	23	65	3	10	1700	40 09 S	148 27 E	17.7												1
U3	26	65	3	16	0800	40 15 S	148 27 E	17.2												1
U3	26	65	3	16	0900	40 21 S	148 39 E	16.3	35.43											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	26		65	3	16	0920	40 21 S	148 39 E	14.9	35.25										1
U3	26		65	3	16	1000	40 21 S	148 51 E	15.4											1
U3	26		65	3	16	1035	40 21 S	148 57 E	18.6	35.70										1
U3	26		65	3	16	1100	40 21 S	149 03 E	18.7											1
U3	26		65	3	16	1200	40 21 S	149 15 E	18.9	35.70										1
U3	26		65	3	16	1300	40 09 S	149 03 E	18.6											1
U3	26		65	3	16	1400	40 09 S	148 51 E	18.8											1
U3	26		65	3	16	1500	40 03 S	148 57 E	18.8	35.77										1
U3	26		65	3	16	1600	40 03 S	148 51 E	15.8											1
U3	26		65	3	16	1700	40 09 S	148 39 E	17.1											1
U3	26		65	3	16	1800	40 03 S	148 27 E	17.5	35.55										1
U3	26		65	3	16	1900	39 57 S	148 21 E	16.8											1
U3	27		65	3	17	0700	40 03 S	148 27 E	16.7											1
U3	27		65	3	17	0800	40 15 S	148 21 E	16.9											1
U3	27		65	3	17	1000	40 15 S	148 15 E	17.2											1
U3	27		65	3	17	1100	40 15 S	148 03 E	17.0											1
U3	27		65	3	17	1200	40 21 S	147 57 E	17.4	35.61										1
U3	27		65	3	17	1300	40 27 S	147 57 E	17.6											1
U3	27		65	3	17	1400	40 33 S	147 57 E	17.1											1
U3	27		65	3	17	1500	40 39 S	148 09 E	17.4	35.61										1
U3	27		65	3	17	1600	40 39 S	148 09 E	17.0											1
U3	28		65	3	18	0800	40 45 S	148 15 E	16.6											1
U3	28		65	3	18	0900	40 45 S	148 21 E	15.2											1
U3	28		65	3	18	1000	40 51 S	148 21 E	15.2											1
U3	28		65	3	18	1100	40 57 S	148 27 E	15.1											1
U3	28		65	3	18	1200	41 09 S	148 27 E	15.0											1
U3	29		65	3	20	0700	41 15 S	148 21 E	15.1											1
U3	29		65	3	20	0800	41 09 S	148 27 E	15.8											1
U3	29		65	3	20	0900	40 57 S	148 21 E	15.0	35.19										1
U3	29		65	3	20	1000	41 03 S	148 15 E	15.4											1
U3	29		65	3	20	1100	41 09 S	148 21 E	15.5											1
U3	29		65	3	20	1200	41 15 S	148 21 E	15.6	35.16										1
U3	29		65	3	20	1300	41 21 S	148 21 E	15.4											1
U3	29		65	3	20	1400	41 27 S	148 21 E	15.3											1
U3	29		65	3	20	1500	41 21 S	148 27 E	15.7	35.07										1
U3	30		65	3	21	0800	41 15 S	148 21 E	14.9											1
U3	30		65	3	21	0900	41 09 S	148 21 E	14.9	35.41										1
U3	30		65	3	21	1000	41 15 S	148 21 E	15.2											1
U3	30		65	3	21	1100	41 15 S	148 21 E	15.4											1
U3	31		65	3	22	0800	41 15 S	148 27 E	14.8											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	31	65	3	22	0905	41 15 S	148 33 E	15.4	35.39										1
U3	31	65	3	22	1000	41 21 S	148 45 E	15.8											1
U3	31	65	3	22	1100	41 33 S	148 51 E	15.9											1
U3	31	65	3	22	1200	41 33 S	148 51 E	16.0	35.44										1
U3	31	65	3	22	1300	41 33 S	148 39 E	15.8											1
U3	31	65	3	22	1400	41 27 S	148 27 E	16.0											1
U3	31	65	3	22	1500	41 21 S	148 27 E	16.0	35.44										1
U3	31	65	3	22	1600	41 15 S	148 27 E	15.7											1
U3	32	65	3	23	0800	41 15 S	148 27 E	14.7											1
U3	32	65	3	23	0900	41 21 S	148 27 E	15.1	34.97										1
U3	32	65	3	23	1000	41 39 S	148 27 E	14.9											1
U3	32	65	3	23	1100	41 51 S	148 27 E	15.2											1
U3	32	65	3	23	1200	42 03 S	148 27 E	15.2	34.96										1
U3	32	65	3	23	1300	42 09 S	148 27 E	15.0											1
U3	32	65	3	23	1400	42 15 S	148 33 E	14.8											1
U3	32	65	3	23	1500	42 15 S	148 15 E	15.4											1
U3	32	65	3	23	1600	42 21 S	148 09 E	14.9											1
U3	32	65	3	23	1700	42 33 S	148 03 E	14.8											1
U3	33	65	3	24	0800	42 39 S	148 03 E	14.3											1
U3	33	65	3	24	0900	42 45 S	148 03 E	14.1	34.96										1
U3	33	65	3	24	1100	42 57 S	148 03 E	13.9											1
U3	33	65	3	24	1200	43 03 S	147 57 E	13.7	34.94										1
U3	33	65	3	24	1300	43 09 S	148 03 E	14.2											1
U3	33	65	3	24	1400	43 09 S	148 03 E	13.9											1
U3	33	65	3	24	1500	43 15 S	148 03 E	13.9	34.90										1
U3	34	65	3	25	0900	43 09 S	148 03 E	14.1	35.07										1
U3	34	65	3	25	1000	43 09 S	148 03 E	14.1											1
U3	34	65	3	25	1100	43 03 S	148 03 E	14.1											1
U3	34	65	3	25	1200	43 03 S	148 03 E	14.2	34.99										1
U3	34	65	3	25	1300	43 09 S	148 03 E	14.4											1
U3	34	65	3	25	1400	43 15 S	148 03 E	14.4											1
U3	34	65	3	25	1500	43 15 S	147 51 E	14.4	34.90										1
U3	35	65	3	26	0800	43 15 S	148 03 E	14.2											1
U3	35	65	3	26	0900	43 09 S	148 03 E	14.2	34.88										1
U3	35	65	3	26	1005	43 09 S	148 03 E	14.1											1
U3	35	65	3	26	1100	43 09 S	148 03 E	14.2											1
U3	35	65	3	26	1200	43 09 S	148 03 E	14.3	34.90										1
U3	35	65	3	26	1300	42 51 S	148 03 E	14.2											1
U3	35	65	3	26	1400	42 51 S	148 03 E	14.3											1
U3	35	65	3	26	1520	42 39 S	148 03 E	14.4	34.96										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	35		65	3	26	1600	42 33 S	148 03 E	14.7											1
U3	36		65	3	27	0800	42 33 S	148 03 E	14.6											1
U3	36		65	3	27	0900	42 33 S	148 09 E	14.4	34.96										1
U3	36		65	3	27	1000	42 39 S	148 09 E	14.4											1
U3	36		65	3	27	1100	42 45 S	148 09 E	14.5											1
U3	36		65	3	27	1200	42 51 S	148 09 E	14.4	34.94										1
U3	36		65	3	27	1300	43 03 S	148 03 E	14.4											1
U3	36		65	3	27	1400	42 51 S	148 03 E	14.3											1
U3	36		65	3	27	1500	42 39 S	148 03 E	14.5	34.97										1
U3	36		65	3	27	1600	42 33 S	147 57 E	15.1											1
U3	37		65	3	29	0900	42 33 S	148 09 E	14.1											1
U3	37		65	3	29	1000	42 33 S	148 15 E	14.4	34.94										1
U3	37		65	3	29	1100	42 33 S	148 27 E	14.1											1
U3	37		65	3	29	1200	42 33 S	148 33 E	14.6											1
U3	37		65	3	29	1300	42 21 S	148 33 E	15.6	35.25										1
U3	37		65	3	29	1400	42 15 S	148 27 E	15.2											1
U3	37		65	3	29	1500	42 21 S	148 15 E	14.1											1
U3	37		65	3	29	1600	42 33 S	148 03 E	14.3											1
U3	38		65	3	30	0900	42 45 S	148 03 E	14.2	35.01										1
U3	38		65	3	30	1000	42 51 S	148 03 E	14.1											1
U3	38		65	3	30	1100	42 39 S	148 09 E	14.3											1
U3	38		65	3	30	1200	42 39 S	148 15 E	14.3	35.01										1
U3	38		65	3	30	1310	42 33 S	148 09 E	14.6											1
U3	38		65	3	30	1400	42 33 S	148 03 E	14.7											1
U3	38		65	3	30	1500	42 33 S	147 57 E	14.8											1
U3	39		65	3	31	0800	42 39 S	148 03 E	14.3											1
U3	39		65	3	31	0900	42 45 S	148 03 E	14.4	35.01										1
U3	39		65	3	31	1000	42 51 S	147 57 E	14.1											1
U3	39		65	3	31	1100	42 57 S	148 03 E	14.2											1
U3	39		65	3	31	1200	43 03 S	148 03 E	14.2	34.94										1
U3	39		65	3	31	1307	43 09 S	148 03 E	14.2											1
U3	39		65	3	31	1400	43 09 S	148 03 E	14.3											1
U3	39		65	3	31	1510	43 15 S	148 03 E	14.3	34.97										1
U3	39		65	3	31	1605	43 09 S	148 03 E	14.3											1
U3	40		65	4	1	0800	43 09 S	148 03 E	14.1											1
U3	40		65	4	1	0900	43 09 S	148 03 E	14.0	34.85										1
U3	40		65	4	1	1000	43 09 S	148 03 E	14.1											1
U3	40		65	4	1	1100	43 03 S	148 03 E	14.0											1
U3	40		65	4	1	1200	43 09 S	148 03 E	14.0	34.96										1
U3	40		65	4	1	1300	43 09 S	148 03 E	14.1											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	40	65	4	1	1405	43 15 S	148 03 E	14.3												1
U3	40	65	4	1	1505	43 15 S	148 03 E	14.2	34.92											1
U3	40	65	4	1	1600	43 09 S	148 03 E	14.0												1
U3	41	65	4	2	0800	43 09 S	148 03 E	14.1												1
U3	41	65	4	2	0920	43 09 S	148 03 E	14.0	34.92											1
U3	41	65	4	2	1100	43 09 S	148 03 E	14.0												1
U3	41	65	4	2	1200	43 09 S	148 03 E	14.1	34.94											1
U3	41	65	4	2	1300	43 03 S	148 03 E	14.1												1
U3	41	65	4	2	1400	42 57 S	148 03 E	14.1												1
U3	41	65	4	2	1500	42 51 S	148 03 E	14.1	35.05											1
U3	41	65	4	2	1600	42 45 S	148 03 E	14.2												1
U3	41	65	4	2	1700	42 39 S	148 03 E	14.3												1
U3	41	65	4	4	0700	42 33 S	147 57 E	14.2												1
U3	41	65	4	4	0800	42 27 S	148 03 E	14.5												1
U3	41	65	4	4	0900	42 21 S	148 09 E	14.6												1
U3	41	65	4	4	1000	42 15 S	148 09 E	14.6												1
U3	41	65	4	4	1100	42 09 S	148 09 E	14.6												1
U3	41	65	4	4	1200	42 15 S	148 15 E	14.6												1
U3	41	65	4	4	1300	42 15 S	148 21 E	14.4												1
U3	41	65	4	4	1400	42 21 S	148 21 E	14.3	34.94											1
U3	41	65	4	4	1500	42 21 S	148 09 E	14.4												1
U3	41	65	4	4	1600	42 27 S	148 15 E	14.4												1
U3	41	65	4	4	1700	42 33 S	148 15 E	14.4												1
U3	41	65	4	4	1800	42 33 S	148 09 E	14.4												1
U3	43	65	4	5	1000	42 33 S	148 09 E	14.3	35.01											1
U3	43	65	4	5	1100	42 39 S	148 15 E	14.3												1
U3	43	65	4	5	1200	42 51 S	148 09 E	14.3												1
U3	43	65	4	5	1300	42 51 S	148 09 E	14.6												1
U3	43	65	4	5	1400	42 57 S	148 03 E	14.4												1
U3	43	65	4	5	1500	42 45 S	148 03 E	14.5	35.03											1
U3	43	65	4	5	1600	42 39 S	148 03 E	14.0												1
U3	43	65	4	5	1700	42 33 S	148 03 E	14.3												1
U3	44	65	4	6	0800	42 39 S	148 03 E	13.8												1
U3	44	65	4	6	0900	42 45 S	148 03 E	14.2	35.03											1
U3	44	65	4	6	1000	42 51 S	148 03 E	14.1												1
U3	44	65	4	6	1100	42 57 S	148 03 E	14.1												1
U3	44	65	4	6	1200	43 03 S	148 03 E	14.0	35.01											1
U3	44	65	4	6	1300	43 09 S	148 03 E	14.1												1
U3	44	65	4	6	1400	43 09 S	148 03 E	14.0												1
U3	44	65	4	6	1500	43 09 S	148 03 E	14.0	35.01											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	44		65	4	6	1600	43 15 S	148 03 E	14.2											1
U3	44		65	4	6	1700	43 15 S	147 57 E	14.3											1
U3	45		65	4	7	0800	43 15 S	147 57 E	14.1											1
U3	45		65	4	7	0900	43 15 S	148 03 E	14.1	34.94										1
U3	45		65	4	7	1000	43 09 S	148 03 E	14.1											1
U3	45		65	4	7	1100	43 09 S	148 03 E	14.2											1
U3	45		65	4	7	1200	43 09 S	148 03 E	14.3	34.97										1
U3	45		65	4	7	1300	43 15 S	148 03 E	14.3											1
U3	45		65	4	7	1400	43 15 S	148 03 E	14.3											1
U3	45		65	4	7	1500	43 09 S	148 03 E	14.3	35.03										1
U3	45		65	4	7	1600	43 09 S	148 03 E	14.3											1
U3	45		65	4	7	1700	43 09 S	148 03 E	14.2											1
U3	46		65	4	8	0900	43 03 S	148 03 E	13.9	34.96										1
U3	46		65	4	8	1000	42 57 S	148 03 E	13.9											1
U3	46		65	4	8	1100	42 45 S	148 03 E	13.9											1
U3	46		65	4	8	1200	42 57 S	148 09 E	13.9	34.96										1
U3	46		65	4	8	1300	43 03 S	148 03 E	13.9											1
U3	46		65	4	8	1400	43 09 S	148 03 E	13.9											1
U3	46		65	4	8	1500	43 15 S	148 03 E	14.2	34.92										1
U3	46		65	4	8	1600	43 09 S	147 51 E	14.0											1
U3	47		65	4	9	0700	43 15 S	147 57 E	13.9											1
U3	47		65	4	9	0800	43 15 S	148 03 E	13.9											1
U3	47		65	4	9	0900	43 09 S	148 03 E	13.9	35.03										1
U3	47		65	4	9	1000	43 03 S	148 03 E	13.9											1
U3	47		65	4	9	1100	42 57 S	148 03 E	13.9											1
U3	47		65	4	9	1200	42 57 S	148 09 E	14.1	35.03										1
U3	47		65	4	9	1300	42 45 S	148 09 E	14.3											1
U3	47		65	4	9	1400	42 39 S	148 09 E	14.3											1
U3	47		65	4	9	1500	42 39 S	148 09 E	14.2	34.96										1
U3	47		65	4	9	1600	42 45 S	148 09 E	14.3											1
U3	47		65	4	9	1700	42 39 S	148 03 E	14.1											1
U3	48		65	4	11	0800	42 33 S	148 03 E	13.6											1
U3	48		65	4	11	0900	42 33 S	148 03 E	13.8											1
U3	48		65	4	11	1000	42 33 S	148 09 E	13.7											1
U3	48		65	4	11	1100	42 39 S	148 15 E	13.7											1
U3	48		65	4	11	1200	42 33 S	148 15 E	14.1											1
U3	48		65	4	11	1400	42 27 S	148 15 E	13.7											1
U3	48		65	4	11	1500	42 33 S	148 15 E	13.8											1
U3	48		65	4	11	1600	42 33 S	148 03 E	13.8											1
U3	49		65	4	12	0800	42 33 S	148 03 E	14.1											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	49	65	4	12	0900	42 33 S	148 09 E	14.2	35.01											
U3	49	65	4	12	1000	42 39 S	148 09 E	14.2												1
U3	49	65	4	12	1100	42 33 S	148 09 E	14.3												1
U3	49	65	4	12	1200	42 33 S	148 03 E	13.6	35.05											1
U3	49	65	4	12	1300	42 39 S	148 03 E	13.8												1
U3	49	65	4	12	1400	42 39 S	147 57 E	13.8												1
U3	49	65	4	12	1500	42 39 S	148 03 E	14.1	35.12											1
U3	50	65	4	13	1200	42 45 S	148 03 E	13.9	34.96											1
U3	50	65	4	13	1300	42 45 S	148 09 E	14.1												1
U3	50	65	4	13	1400	42 39 S	148 09 E	14.3												1
U3	50	65	4	13	1500	42 33 S	148 09 E	14.2												1
U3	50	65	4	13	1600	42 33 S	148 03 E	14.3												1
U3	51	65	4	14	0800	42 33 S	148 03 E	13.8												1
U3	51	65	4	14	0900	42 45 S	148 03 E	13.9	34.96											1
U3	51	65	4	14	1000	42 51 S	148 03 E	13.9												1
U3	51	65	4	14	1100	43 03 S	148 03 E	14.2												1
U3	51	65	4	14	1200	43 09 S	148 03 E	14.2	34.96											1
U3	51	65	4	14	1300	43 15 S	148 03 E	14.2												1
U3	51	65	4	14	1400	43 15 S	148 03 E	14.0												1
U3	51	65	4	14	1500	43 09 S	147 51 E	13.9	34.83											1
U3	51	65	4	14	1600	43 09 S	147 57 E	14.0												1
U3	52	65	4	15	0800	43 15 S	147 51 E	13.8												1
U3	52	65	4	15	0900	43 15 S	147 57 E	13.9	34.54											1
U3	52	65	4	15	1000	43 15 S	148 03 E	13.9												1
U3	52	65	4	15	1100	43 09 S	148 03 E	13.8												1
U3	52	65	4	15	1200	43 03 S	148 03 E	13.9	34.92											1
U3	52	65	4	15	1300	42 57 S	148 03 E	14.2												1
U3	52	65	4	15	1400	42 51 S	148 03 E	14.2												1
U3	52	65	4	15	1500	42 45 S	148 03 E	14.2	34.97											1
U3	53	65	4	16	1000	42 33 S	147 57 E	14.3												1
U3	53	65	4	16	1100	42 33 S	148 03 E	14.4												1
U3	53	65	4	16	1200	42 27 S	148 09 E	14.4												1
U3	53	65	4	16	1300	42 21 S	148 15 E	14.6												1
U3	53	65	4	16	1400	42 21 S	148 15 E	14.6												1
U3	53	65	4	16	1500	42 15 S	148 21 E	14.7												1
U3	53	65	4	16	1600	42 15 S	148 15 E	14.6												1
U3	53	65	4	16	1700	42 15 S	148 09 E	14.6												1
U3	54	65	4	18	0800	42 33 S	147 57 E	13.1												1
U3	54	65	4	18	0900	42 39 S	147 57 E	13.5	35.07											1
U3	54	65	4	18	1000	42 45 S	147 57 E	13.5												1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	54		65	4	18	1100	42 51 S	147 57 E	13.7											1
U3	54		65	4	18	1200	42 57 S	148 03 E	13.7	35.07										1
U3	54		65	4	18	1300	42 57 S	148 03 E	13.7											1
U3	54		65	4	18	1400	43 03 S	148 03 E	13.7											1
U3	54		65	4	18	1500	43 15 S	148 03 E	13.6	34.97										1
U3	55		65	4	19	0800	43 09 S	148 03 E	13.5											1
U3	55		65	4	19	0900	43 09 S	148 03 E	13.5	34.92										1
U3	55		65	4	19	1000	43 09 S	148 03 E	13.5											1
U3	55		65	4	19	1100	43 09 S	148 03 E	13.5											1
U3	55		65	4	19	1200	43 03 S	148 03 E	13.5											1
U3	55		65	4	19	1300	43 09 S	148 03 E	13.5											1
U3	55		65	4	19	1400	43 15 S	148 03 E	13.6											1
U3	55		65	4	19	1500	43 15 S	147 57 E	13.8	34.79										1
U3	55		65	4	19	1600	43 15 S	147 51 E	13.6											1
U3	58		65	4	24	0900	43 03 S	147 27 E	13.5	34.76										1
U3	58		65	4	24	1000	43 15 S	147 45 E	13.5											1
U3	58		65	4	24	1100	43 15 S	148 03 E	13.4											1
U3	58		65	4	24	1200	43 09 S	148 03 E	13.3	34.92										1
U3	58		65	4	24	1300	43 03 S	148 03 E	13.4											1
U3	58		65	4	24	1400	42 51 S	148 03 E	13.4											1
U3	58		65	4	24	1500	42 45 R	148 03 E	13.3											1
U3	58		65	4	24	1600	42 33 S	148 03 E	13.3	34.96										1
U3	59		65	4	25	0800	42 27 S	148 03 E	11.6											1
U3	59		65	4	25	0900	42 27 S	148 15 E	13.5	34.97										1
U3	59		65	4	25	1000	42 21 S	148 21 E	13.4											1
U3	59		65	4	25	1100	42 21 S	148 21 E	13.5											1
U3	59		65	4	25	1200	42 15 S	148 21 E	12.8	31.96										1
U3	59		65	4	25	1300	42 15 S	148 09 E	13.5											1
U3	59		65	4	25	1400	42 21 S	148 03 E	13.5											1
U3	59		65	4	25	1500	42 27 S	148 03 E	13.4	34.42										1
U3	59		65	4	25	1600	42 33 S	148 03 E	13.2											1
U3	60		65	4	26	0800	42 33 S	148 03 E	13.1											1
U3	60		65	4	26	0900	42 27 S	148 03 E	13.2	34.90										1
U3	60		65	4	26	1000	42 21 S	148 03 E	13.1											1
U3	60		65	4	26	1100	42 21 S	148 03 E	13.5											1
U3	60		65	4	26	1200	42 15 S	148 03 E	13.4	34.34										1
U3	60		65	4	26	1300	42 15 S	148 03 E	13.8											1
U3	60		65	4	26	1400	42 21 S	148 09 E	13.5											1
U3	60		65	4	26	1500	42 27 S	148 09 E	13.7	34.83										1
U3	60		65	4	26	1600	42 33 S	148 03 E	13.4											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	61	65	4	27	0800	42 33 S	148 03 E	12.9												1
U3	61	65	4	27	0900	42 27 S	148 09 E	13.3	35.07											1
U3	61	65	4	27	1000	42 21 S	148 15 E	13.4												1
U3	61	65	4	27	1100	42 15 S	148 15 E	12.9												1
U3	61	65	4	27	1200	42 15 S	148 21 E	13.4	35.07											1
U3	61	65	4	27	1300	42 09 S	148 21 E	13.6												1
U3	61	65	4	27	1400	42 15 S	148 21 E	13.6												1
U3	61	65	4	27	1500	42 21 S	148 15 E	13.6	34.99											1
U3	61	65	4	27	1600	42 27 S	148 09 E	13.3												1
U3	61	65	4	27	1700	42 33 S	148 03 E	13.3												1
U3	62	65	4	28	0800	42 33 S	148 03 E	12.8												1
U3	62	65	4	28	0900	42 33 S	148 09 E	12.5	34.94											1
U3	62	65	4	28	1000	42 39 S	148 09 E	13.2												1
U3	62	65	4	28	1100	42 45 S	148 09 E	13.4												1
U3	62	65	4	28	1200	42 51 S	147 57 E	13.5												1
U3	62	65	4	28	1300	42 45 S	147 57 E	13.3												1
U3	62	65	4	28	1400	42 39 S	148 03 E	13.7												1
U3	62	65	4	28	1500	42 33 S	148 03 E	13.3	34.92											1
U3	63	65	4	29	0700	42 33 S	147 57 E	12.5												1
U3	63	65	4	29	0800	42 27 S	148 03 E	13.3												1
U3	63	65	4	29	0900	42 33 S	148 09 E	13.3	34.97											1
U3	63	65	4	29	1000	42 33 S	148 15 E	13.4												1
U3	63	65	4	29	1100	42 39 S	148 15 E	13.5												1
U3	63	65	4	29	1200	42 45 S	148 09 E	13.5	35.01											1
U3	63	65	4	29	1300	42 45 S	148 03 E	13.6												1
U3	63	65	4	29	1400	42 39 S	148 03 E	13.7												1
U3	63	65	4	29	1500	42 33 S	148 03 E	13.6	34.94											1
U3	63	65	4	29	1600	42 33 S	148 09 E	13.6												1
U3	63	65	4	29	1700	42 33 S	148 03 E	13.6												1
U3	64	65	4	30	0800	42 33 S	148 03 E	13.4												1
U3	64	65	4	30	0900	42 27 S	148 03 E	13.3	34.79											1
U3	64	65	4	30	1000	42 27 S	148 09 E	13.5												1
U3	64	65	4	30	1100	42 21 S	148 21 E	13.6												1
U3	64	65	4	30	1200	42 15 S	148 21 E	13.6	35.01											1
U3	64	65	4	30	1300	42 15 S	148 15 E	13.6												1
U3	64	65	4	30	1400	42 21 S	148 09 E	13.8												1
U3	64	65	4	30	1500	42 27 S	148 09 E	13.8	34.96											1
U3	64	65	4	30	1600	42 33 S	148 03 E	13.6												1
U3	65	65	5	2	0800	42 33 S	148 03 E	13.3												1
U3	65	65	5	2	0900	42 33 S	148 09 E	13.3	34.94											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	65	65	5	2	1000	42 39 S	148 09 E	15.6												1
U3	65	65	5	2	1100	42 33 S	148 09 E	15.6												1
U3	65	65	5	2	1200	42 27 S	148 03 E	13.5	34.85											1
U3	65	65	5	2	1300	42 33 S	148 03 E	13.6												1
U3	65	65	5	2	1400	42 27 S	148 03 E	13.4												1
U3	65	65	5	2	1500	42 33 S	148 03 E	13.6	34.88											1
U3	66	65	5	3	0700	42 33 S	148 03 E	13.1												1
U3	66	65	5	3	0800	42 27 S	148 03 E	13.4												1
U3	66	65	5	3	0900	42 21 S	148 03 E	13.4	34.96											1
U3	66	65	5	3	1000	42 21 S	148 09 E	13.3												1
U3	66	65	5	3	1100	42 21 S	148 09 E	13.5												1
U3	66	65	5	3	1200	42 15 S	148 15 E	13.3	34.97											1
U3	66	65	5	3	1300	42 21 S	148 15 E	13.6												1
U3	66	65	5	3	1400	42 27 S	148 03 E	13.6												1
U3	67	65	5	4	0700	42 33 S	147 57 E	13.2												1
U3	67	65	5	4	0800	42 27 S	148 03 E	13.3												1
U3	67	65	5	4	0900	42 33 S	148 03 E	13.3	34.92											1
U3	67	65	5	4	1000	42 33 S	148 03 E	13.3												1
U3	67	65	5	4	1100	42 27 S	148 03 E	13.4												1
U3	67	65	5	4	1200	42 33 S	148 03 E	13.5	34.87											1
U3	67	65	5	4	1300	42 27 S	148 03 E	13.6												1
U3	67	65	5	4	1400	42 33 S	148 03 E	13.6												1
U3	67	65	5	4	1500	42 33 S	148 03 E	13.6	35.03											1
U3	67	65	5	4	1600	42 33 S	147 57 E	13.7												1
U3	68	65	5	5	0800	42 33 S	148 03 E	13.3												1
U3	68	65	5	5	0900	42 27 S	148 09 E	13.4	34.94											1
U3	68	65	5	5	1000	42 21 S	148 03 E	13.4												1
U3	68	65	5	5	1100	42 15 S	148 09 E	13.4												1
U3	68	65	5	5	1200	42 09 S	148 03 E	13.3	34.72											1
U3	68	65	5	5	1300	42 15 S	148 03 E	13.4												1
U3	68	65	5	5	1400	42 21 S	148 03 E	13.4												1
U3	68	65	5	5	1500	42 27 S	148 03 E	13.5	34.92											1
U3	69	65	5	6	0800	42 33 S	148 03 E	14.3												1
U3	69	65	5	6	0900	42 33 S	148 09 E	13.3	34.96											1
U3	69	65	5	6	1000	42 33 S	148 09 E	13.4												1
U3	69	65	5	6	1100	42 27 S	148 09 E	13.4												1
U3	69	65	5	6	1200	42 21 S	148 09 E	13.5	35.05											1
U3	69	65	5	6	1300	42 27 S	148 09 E	13.4												1
U3	69	65	5	6	1400	42 33 S	148 03 E	13.4												1
U3	69	65	5	6	1500	42 33 S	148 03 E	13.3	34.90											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	69	65	5	6	1600	42 27 S	148 03 E	13.3												1
U3	70	65	5	7	0800	42 33 S	147 57 E	12.6												1
U3	70	65	5	7	0900	42 27 S	148 03 E	13.1	34.97											1
U3	70	65	5	7	1000	42 33 S	148 03 E	13.2												1
U3	70	65	5	7	1100	42 39 S	148 03 E	12.9												1
U3	70	65	5	7	1200	42 45 S	148 03 E	13.1	35.07											1
U3	70	65	5	7	1300	42 39 S	148 03 E	13.2												1
U3	70	65	5	7	1405	42 33 S	148 03 E	13.2												1
U3	70	65	5	7	1500	42 33 S	148 03 E	13.2	34.90											1
U3	70	65	5	7	1600	42 27 S	148 03 E	13.2												1
U3	71	65	5	8	0800	42 33 S	148 03 E	13.1												1
U3	71	65	5	8	0900	42 33 S	148 03 E	13.1												1
U3	71	65	5	8	1000	42 33 S	148 03 E	13.1												1
U3	71	65	5	8	1100	42 33 S	148 03 E	13.0												1
U3	71	65	5	8	1200	42 27 S	148 03 E	13.1												1
U3	71	65	5	8	1300	42 33 S	148 09 E	13.0												1
U3	71	65	5	8	1400	42 33 S	148 03 E	13.1												1
U3	71	65	5	8	1500	42 33 S	148 03 E	13.1												1
U3	71	65	5	8	1600	42 33 S	148 03 E	13.0												1
U3	72	65	5	9	0800	42 33 S	148 03 E	13.0												1
U3	72	65	5	9	0900	42 33 S	148 09 E	12.9	34.88											1
U3	72	65	5	9	1000	42 33 S	148 03 E	13.1												1
U3	73	65	5	10	0800	42 33 S	148 03 E	13.2												1
U3	73	65	5	10	0900	42 33 S	148 03 E	12.9												1
U3	73	65	5	10	1000	42 33 S	148 03 E	12.9												1
U3	73	65	5	10	1100	42 33 S	148 03 E	13.0												1
U3	73	65	5	10	1200	42 33 S	148 03 E	13.1	35.12											1
U3	73	65	5	10	1300	42 33 S	148 03 E	13.0												1
U3	73	65	5	10	1400	42 33 S	148 03 E	13.0												1
U3	73	65	5	10	1500	42 33 S	148 03 E	13.3	34.92											1
U3	73	65	5	10	1600	42 33 S	148 03 E	13.1												1
U3	74	65	5	11	0800	42 27 S	148 03 E	13.1												1
U3	74	65	5	11	0900	42 33 S	148 03 E	13.1	34.81											1
U3	74	65	5	11	1000	42 33 S	148 03 E	13.1												1
U3	74	65	5	11	1100	42 33 S	148 03 E	13.1												1
U3	74	65	5	11	1200	42 33 S	148 03 E	13.1	35.01											1
U3	74	65	5	11	1300	42 27 S	148 03 E	13.2												1
U3	74	65	5	11	1400	42 27 S	148 03 E	13.1												1
U3	74	65	5	11	1500	42 33 S	148 03 E	13.2	34.99											1
U3	74	65	5	11	1600	42 27 S	148 03 E	13.2												1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	75		65	5	12	0800	42 27 S	148 03 E	13.0											1
U3	75		65	5	12	0900	42 33 S	148 03 E	13.3	34.96										1
U3	75		65	5	12	1000	42 33 S	148 03 E	13.0											1
U3	75		65	5	12	1100	42 33 S	148 03 E	12.9											1
U3	75		65	5	12	1200	42 33 S	148 03 E	13.1	34.87										1
U3	75		65	5	12	1300	42 33 S	148 03 E	13.4											1
U3	75		65	5	12	1400	42 27 S	148 03 E	13.4											1
U3	75		65	5	12	1500	42 27 S	148 03 E	13.4	34.96										1
U3	75		65	5	12	1600	42 27 S	148 03 E	13.3											1
U3	76		65	5	13	0800	42 27 S	148 03 E	13.0											1
U3	76		65	5	13	0900	42 33 S	148 03 E	13.0	34.96										1
U3	76		65	5	13	1000	42 45 S	148 03 E	13.1											1
U3	76		65	5	13	1100	42 45 S	148 09 E	13.1											1
U3	76		65	5	13	1200	42 39 S	148 09 E	13.0	35.03										1
U3	76		65	5	13	1300	42 33 S	148 09 E	13.1											1
U3	76		65	5	13	1400	42 33 S	148 03 E	13.1											1
U3	76		65	5	13	1500	42 33 S	148 03 E	13.2	34.97										1
U3	76		65	5	13	1600	42 33 S	148 03 E	13.1											1
U3	77		65	5	14	0700	42 33 S	148 03 E	12.4											1
U3	77		65	5	14	0800	42 27 S	148 03 E	13.1											1
U3	77		65	5	14	0900	42 27 S	148 09 E	13.1	34.97										1
U3	77		65	5	14	1000	42 27 S	148 03 E	13.2											1
U3	77		65	5	14	1100	42 21 S	148 03 E	13.3											1
U3	77		65	5	14	1200	42 21 S	148 09 E	13.3	34.97										1
U3	77		65	5	14	1300	42 21 S	148 15 E	13.4											1
U3	77		65	5	14	1400	42 21 S	148 09 E	13.4											1
U3	77		65	5	14	1500	42 21 S	148 03 E	13.4	34.13										1
U3	77		65	5	14	1600	42 27 S	148 03 E	13.4											1
U3	77		65	5	14	1700	42 33 S	148 03 E	12.6											1
U3	78		65	5	16	1100	42 33 S	147 57 E	12.9											1
U3	78		65	5	16	1200	42 33 S	148 09 E	13.1	34.83										1
U3	78		65	5	16	1300	42 33 S	148 15 E	13.0											1
U3	78		65	5	16	1400	42 27 S	148 09 E	13.0											1
U3	78		65	5	16	1500	42 33 S	148 09 E	13.0	34.83										1
U3	78		65	5	16	1600	42 27 S	148 03 E	13.1											1
U3	78		65	5	16	1700	42 33 S	148 03 E	13.1											1
U3	79		65	5	17	0800	42 33 S	148 03 E	13.1											1
U3	79		65	5	17	0900	42 39 S	148 09 E	13.1	34.90										1
U3	79		65	5	17	1000	42 33 S	148 09 E	13.1											1
U3	79		65	5	17	1100	42 27 S	148 09 E	13.1											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	79		65	5	17	1200	42 21 S	148 03 E	13.1	34.90										1
U3	79		65	5	17	1300	42 21 S	148 09 E	13.1											1
U3	79		65	5	17	1400	42 15 S	148 09 E	12.5											1
U3	79		65	5	17	1500	42 21 S	148 03 E	13.0	34.83										1
U3	79		65	5	17	1600	42 27 S	148 03 E	13.1											1
U3	79		65	5	17	1700	42 33 S	148 03 E	13.1											1
U3	79		65	5	17	1800	42 33 S	147 57 E	12.9											1
U3	81		65	5	19	0800	42 33 S	148 03 E	12.5											1
U3	81		65	5	19	0900	42 45 S	147 57 E	12.6	35.01										1
U3	81		65	5	19	1000	42 51 S	147 57 E	10.0											1
U3	81		65	5	19	1100	42 57 S	147 45 E	11.5											1
U3	81		65	5	19	1200	42 57 S	147 33 E	11.9											1
U3	81		65	5	19	1300	43 03 S	147 27 E	11.9											1
U3	82		65	5	23	1200	42 57 S	147 39 E	11.3	34.05										1
U3	82		65	5	23	1500	42 39 S	148 03 E	12.3	34.97										1
U3	83		65	5	24	0800	42 33 S	148 03 E	12.4											1
U3	83		65	5	24	0900	42 21 S	148 09 E	12.4											1
U3	83		65	5	24	1000	42 15 S	148 21 E	12.4											1
U3	83		65	5	24	1100	42 09 S	148 33 E	12.5											1
U3	83		65	5	24	1200	42 15 S	148 27 E	12.4	34.97										1
U3	83		65	5	24	1300	42 21 S	148 21 E	12.4											1
U3	83		65	5	24	1400	42 27 S	148 15 E	12.1											1
U3	83		65	5	24	1500	42 27 S	148 15 E	12.6											1
U3	83		65	5	24	1600	42 27 S	148 09 E	12.4											1
U3	83		65	5	24	1700	42 33 S	148 03 E	11.0											1
U3	84		65	5	26	0700	42 33 S	148 03 E	12.1											1
U3	84		65	5	26	0900	42 15 S	148 21 E	12.4											1
U3	84		65	5	26	1000	42 15 S	148 27 E	12.0											1
U3	84		65	5	26	1100	42 03 S	148 27 E	12.5											1
U3	84		65	5	26	1200	41 57 S	148 21 E	12.6	35.01										1
U3	84		65	5	26	1400	41 45 S	148 21 E	12.7											1
U3	84		65	5	26	1500	41 33 S	148 21 E	12.5											1
U3	84		65	5	26	1600	41 27 S	148 21 E	12.7											1
U3	85		65	5	27	1200	41 09 S	148 21 E	12.6	35.01										1
U3	85		65	5	27	1500	40 39 S	148 27 E	12.8	35.16										1
U3	85		65	5	27	1700	40 27 S	148 33 E	13.0											1
U3	86		65	5	28	1100	40 09 S	148 21 E	12.5											1
U3	86		65	5	28	1200	39 57 S	148 21 E	12.6	35.52										1
U3	86		65	5	28	1300	39 51 S	148 09 E	12.8											1
U3	86		65	5	28	1400	39 45 S	148 03 E	13.4											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3	86		65	5	28	1500	39 39 S	147 51 E	13.5	35,68										1
U3	86		65	5	28	1600	39 33 S	147 39 E	13.7											1
U3	86		65	5	28	1700	39 27 S	147 45 E	13.7											1
U3	86		65	5	28	1800	39 15 S	147 51 E	13.7	35,73										1
U3	86		65	5	28	1900	39 09 S	147 57 E	13.7											1
U3	86		65	5	28	2000	39 03 S	148 09 E	13.9											1
U3	86		65	5	28	2100	38 57 S	148 15 E	13.6											1
U3	86		65	5	28	2200	38 51 S	148 21 E	14.4											1
U3	86		65	5	28	2300	38 45 S	148 27 E	16.4											1
U3	86		65	5	28	2400	38 39 S	148 33 E	16.5											1
U3	86		65	5	29	0100	38 33 S	148 39 E	16.4											1
U3	86		65	5	29	0200	38 27 S	148 45 E	16.2											1
U3	86		65	5	29	0300	38 21 S	148 57 E	16.0											1
U3	86		65	5	29	0400	38 15 S	149 03 E	16.1											1
U3	86		65	5	29	0500	38 09 S	149 09 E	15.6											1
U3	86		65	5	29	0600	38 03 S	149 15 E	15.0											1
U3	86		65	5	29	0700	37 57 S	149 21 E	14.9											1
U3	86		65	5	29	0800	37 51 S	149 27 E	14.5											1
U3	86		65	5	29	0900	37 45 S	149 33 E	14.4	35,62										1
U3	86		65	5	29	1000	37 39 S	149 45 E	14.4											1
U3	86		65	5	29	1100	37 33 S	149 57 E	14.5											1
U3	86		65	5	29	1200	37 21 S	150 03 E	15.0	35,73										1
U3	86		65	5	29	1300	37 09 S	150 03 E	17.5											1
U3			65	10	26	0715	37 3 S	149 51 E	16.1											1
U3			65	10	26	0730	37 3 S	149 57 E	16.4											1
U3			65	10	26	0800	36 57 S	150 3 E	16.7											1
U3			65	10	26	0900	36 51 S	150 9 E	17.5											1
U3			65	10	26	1015	36 45 S	150 27 E	17.8											1
U3			65	10	27	0700	37 3 S	149 57 E	17.2											1
U3			65	10	27	0800	36 57 S	150 9 E	17.5											1
U3			65	10	27	0900	36 51 S	150 21 E	17.8											1
U3			65	10	27	1000	36 39 S	150 27 E	18.1											1
U3			65	10	27	1100	36 27 S	150 33 E	17.8											1
U3			65	10	27	1200	36 21 S	150 27 E	17.8											1
U3			65	10	27	1430	36 21 S	150 21 E	18.3											1
U3			65	10	27	1455	36 15 S	150 21 E	18.3											1
U3			65	10	27	1510	36 21 S	150 15 E	18.3											1
U3			65	10	27	1550	36 21 S	150 21 E	18.3											1
U3			65	10	27	1655	36 21 S	150 9 E	18.3											1
U3			65	10	28	0600	36 27 S	150 9 E	17.8											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3			65	10	28	0645	36 27 S	150 15 E	18.3											1
U3			65	10	28	0700	36 27 S	150 15 E	18.3											1
U3			65	10	28	0730	36 27 S	150 21 E	18.6											1
U3			65	10	28	0815	36 27 S	150 21 E	18.6											1
U3			65	10	28	0915	36 39 S	150 21 E	18.3											1
U3			65	10	28	0930	36 39 S	150 21 E	18.3											1
U3			65	10	28	1045	36 39 S	150 27 E	18.3											1
U3			65	10	28	1115	36 39 S	150 27 E	18.3											1
U3			65	10	28	1300	36 33 S	150 21 E	18.1											1
U3			65	10	28	1400	36 27 S	150 21 E	18.1											1
U3			65	10	28	1500	36 39 S	150 15 E	18.3											1
U3			65	10	28	1530	36 39 S	150 15 E	18.3											1
U3			65	10	29	0830	36 33 S	150 15 E	18.6											1
U3			65	11	4	0730	36 57 S	150 9 E	17.8											1
U3			65	11	4	0800	36 51 S	150 9 E	17.8											1
U3			65	11	4	0830	36 45 S	150 9 E	17.9											1
U3			65	11	4	0930	36 39 S	150 15 E	18.3											1
U3			65	11	4	1000	36 39 S	150 15 E	18.3											1
U3			65	11	4	1045	36 33 S	150 15 E	18.2											1
U3			65	11	4	1145	36 27 S	150 15 E	18.2											1
U3			65	11	4	1330	36 21 S	150 21 E	18.3											1
U3			65	11	4	1430	36 27 S	150 21 E	18.3											1
U3			65	11	6	1030	36 27 S	150 15 E	17.8											1
U3			65	11	6	1100	36 27 S	150 21 E	17.8											1
U3			65	11	6	1130	36 21 S	150 21 E	17.8											1
U3			65	11	6	1215	36 21 S	150 15 E	17.9											1
U3			65	11	6	1245	36 15 S	150 15 E	17.9											1
U3			65	11	6	1320	36 15 S	150 15 E	17.8											1
U3			65	11	6	1415	36 9 S	150 15 E	17.8											1
U3			65	11	7	0815	36 21 S	150 15 E	17.8											1
U3			65	11	7	0840	36 27 S	150 21 E	17.8											1
U3			65	11	7	0900	36 27 S	150 21 E	18.2											1
U3			65	11	7	0915	36 33 S	150 21 E	18.4											1
U3			65	11	7	0940	36 39 S	150 21 E	18.2											1
U3			65	11	7	1030	36 33 S	150 21 E	19.0											1
U3			65	11	7	1100	36 33 S	150 21 E	19.6											1
U3			65	11	7	1130	36 33 S	150 21 E	19.6											1
U3			65	11	7	1300	36 33 S	150 21 E	19.6											1
U3			65	11	7	1400	36 33 S	150 27 E	18.9											1
U3			65	11	7	1510	36 39 S	150 27 E	19.0											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3		65	11	7	1600	36 33 S	150 27 E	19.6												1
U3		65	11	7	1630	36 27 S	150 21 E	18.5												1
U3		65	11	8	0740	36 33 S	150 15 E	18.1												1
U3		65	11	8	0850	36 39 S	150 15 E	18.2												1
U3		65	11	8	0910	36 39 S	150 21 E	18.8												1
U3		65	11	8	0950	36 45 S	150 21 E	19.3												1
U3		65	11	8	1005	36 45 S	150 21 E	18.9												1
U3		65	11	8	1035	36 45 S	150 15 E	18.3												1
U3		65	11	8	1120	36 51 S	150 15 E	18.3												1
U3		65	11	8	1200	36 51 S	150 21 E	18.4												1
U3		65	11	8	1240	36 51 S	150 15 E	18.3												1
U3		65	11	8	1315	36 51 S	150 21 E	18.3												1
U3		65	11	8	1415	36 51 S	150 21 E	18.3												1
U3		65	11	14	0725	37 3 S	149 57 E	15.7												1
U3		65	11	14	0845	36 51 S	150 9 E	15.4												1
U3		65	11	15	0710	36 57 S	150 3 E	15.9												1
U3		65	11	15	0740	36 57 S	150 9 E	15.6												1
U3		65	11	15	0830	36 51 S	150 15 E	16.4												1
U3		65	11	15	0900	36 45 S	150 21 E	18.2												1
U3		65	11	15	0950	36 39 S	150 21 E	18.6												1
U3		65	11	15	1025	36 33 S	150 27 E	18.6												1
U3		65	11	15	1130	36 27 S	150 27 E	18.8												1
U3		65	11	15	1210	36 21 S	150 27 E	19.1												1
U3		65	11	15	1240	36 21 S	150 27 E	19.3												1
U3		65	11	15	1710	36 27 S	150 27 E	18.9												1
U3		65	11	18	0820	36 21 S	150 15 E	17.8												1
U3		65	11	18	0900	36 21 S	150 21 E	17.8												1
U3		65	11	18	0955	36 21 S	150 27 E	18.1												1
U3		65	11	18	1015	36 21 S	150 27 E	18.2												1
U3		65	11	18	1140	36 21 S	150 33 E	17.9												1
U3		65	11	18	1150	36 21 S	150 33 E	18.6												1
U3		65	11	18	1205	36 21 S	150 33 E	17.8												1
U3		65	11	18	1215	36 21 S	150 33 E	19.2												1
U3		65	11	18	1300	36 21 S	150 33 E	18.8												1
U3		65	11	18	1325	36 27 S	150 33 E	18.3												1
U3		65	11	18	1345	36 27 S	150 33 E	18.8												1
U3		65	11	19	0930	36 45 S	150 21 E	18.2												1
U3		65	11	19	1020	36 45 S	150 27 E	18.3												1
U3		65	11	19	1035	36 39 S	150 27 E	18.3												1
U3		65	11	19	1040	36 39 S	150 27 E	17.5												1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U3			65	11	19	1105	36 39 S	150 21 E	17.3											1
U3			65	11	19	1115	36 39 S	150 15 E	17.6											1
U3			65	11	19	1155	36 33 S	150 15 E	18.2											1
U3			65	11	19	1225	36 33 S	150 15 E	18.3											1
U3			65	11	20	0730	36 51 S	150 9 E	17.8											1
U3			65	11	20	0800	36 51 S	150 15 E	17.2											1
U3			65	11	22	0745	37 3 S	150 9 E	16.9											1
U3			65	11	22	0805	37 9 S	150 9 E	17.3											1
U3			65	11	22	0815	37 9 S	150 15 E	17.3											1
U3			65	11	22	0845	37 15 S	150 15 E	17.9											1
U3			65	11	22	0900	37 15 S	150 21 E	17.7											1
U3			65	11	22	0920	37 9 S	150 21 E	17.7											1
U3			65	11	22	1020	37 3 S	150 21 E	17.8											1
U3			65	11	22	1115	37 9 S	150 21 E	17.8											1
U3			65	11	22	1140	37 9 S	150 21 E	17.9											1
U3			65	11	22	1200	37 15 S	150 21 E	17.9											1
U3			65	11	22	1300	37 15 S	150 21 E	17.9											1
U3			65	11	29	0700	36 57 S	150 3 E	16.4											1
U3			65	11	29	0805	36 57 S	150 9 E	16.2											1
U3			65	11	29	0825	36 57 S	150 9 E	16.9											1
U3			65	11	29	0850	36 57 S	150 15 E	17.3											1
U3			65	11	29	0915	36 51 S	150 21 E	16.7											1
U3			65	11	29	1000	36 51 S	150 21 E	17.3											1
U3			65	11	29	1030	36 51 S	150 27 E	16.9											1
U3			65	11	29	1110	36 45 S	150 33 E	16.9											1
U3			65	11	29	1200	36 39 S	150 21 E	17.4											1
U3			65	11	29	1300	36 33 S	150 21 E	17.1											1
U3			65	11	29	1315	36 33 S	150 15 E	17.2											1
U3			65	11	29	1320	36 33 S	150 15 E	17.1											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN. AMT.	SEA DN. AMT.	SWELL DN. AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U4	22		65	4	26	0600	34 45 S	136 3 E	17.3								1
U4	22		65	4	26	0700	34 57 S	136 3 E	17.4								1
U4	22		65	4	26	0800	35 3 S	135 51 E	17.4								1
U4	22		65	4	26	0900	35 9 S	135 39 E	17.7								1
U4	22		65	4	26	1000	35 15 S	135 39 E	18.0								1
U4	22		65	4	26	1100	35 9 S	135 39 E	17.7								1
U4	22		65	4	26	1200	35 3 S	135 39 E	17.7								1
U4	22		65	4	26	1300	35 9 S	135 39 E	17.7								1
U4	22		65	4	26	1500	35 15 S	135 39 E	17.8								1
U4	22		65	4	26	1600	35 15 S	135 39 E	17.9								1
U4	22		65	4	26	1700	35 15 S	135 39 E	17.9								1
U4	22		65	4	26	1800	35 15 S	135 39 E	17.9								1
U4	22		65	4	27	0600	35 3 S	135 27 E	17.8								1
U4	22		65	4	27	0700	34 57 S	135 15 E	17.8								1
U4	22		65	4	27	0800	34 45 S	135 3 E	17.9								1
U4	22		65	4	27	0900	34 45 S	135 3 E	17.8								1
U4	22		65	4	27	1000	34 45 S	135 3 E	17.8								1
U4	22		65	4	27	1100	34 45 S	135 3 E	17.8								1
U4	22		65	4	27	1200	34 45 S	135 3 E	17.8								1
U4	22		65	4	27	1300	34 45 S	135 3 E	17.8								1
U4	22		65	4	27	1400	34 45 S	135 3 E	17.8								1
U4	22		65	4	27	1500	34 45 S	135 3 E	17.8								1
U4	22		65	4	27	1600	34 45 S	135 3 E	17.9								1
U4	22		65	4	27	1700	34 45 S	135 3 E	17.9								1
U4	22		65	4	27	1800	34 45 S	135 3 E	17.9								1
U4	22		65	4	28	0600	34 57 S	135 45 E	17.2								1
U4	22		65	4	28	0700	34 57 S	135 51 E	17.2								1
U4	22		65	4	28	0800	34 57 S	135 57 E	17.3								1
U4	22		65	4	28	0900	34 57 S	136 3 E	17.3								1
U4	22		65	4	28	1000	34 45 S	136 3 E	16.9								1
U4			65	11	7	0900	36 51 S	150 9 E	18.9								G
U4			65	11	7	1000	36 45 S	150 21 E	19.4								G
U4			65	11	7	1100	36 45 S	150 21 E	19.4								G
U4			65	11	7	1200	36 45 S	150 27 E	19.4								G
U4			65	11	7	1245	36 45 S	150 27 E	19.4								G
U4			65	11	7	1310	36 45 S	150 21 E	19.4								G
U4			65	11	7	1400	36 45 S	150 21 E	19.3								G
U4			65	11	7	1500	36 45 S	150 21 E	19.6								G
U4			65	11	7	1520	36 45 S	150 21 E	19.6								G
U4			65	11	7	1600	36 45 S	150 21 E	19.4								G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
U4		65	11	7	1700	36 51 S	150 15 E	18.9												G
U4		65	11	8	0900	36 57 S	150 15 E	19.3												G
U4		65	11	26	0900	36 51 S	150 9 E	16.7												G
U4		65	11	26	1000	36 45 S	150 21 E	17.2												G
U4		65	11	26	1100	36 45 S	150 27 E	16.7												G
U4		65	11	26	1200	36 33 S	150 33 E	17.8												G
U4		65	11	26	1300	36 27 S	150 39 E	18.3												G
U4		65	11	26	1400	36 27 S	150 33 E	17.8												G
U4		65	11	26	1500	36 27 S	150 27 E	17.8												G
U4		65	11	26	1600	36 33 S	150 15 E	17.5												G
U4		65	11	26	1700	36 45 S	150 9 E	17.2												G
U4		65	11	26	1800	36 51 S	150 3 E	16.7												G
U4		65	12	3	0800	36 45 S	150 21 E	17.8												G
U4		65	12	3	0900	36 39 S	150 21 E	17.8												G
U4		65	12	3	1000	36 33 S	150 27 E	17.7												G
U4		65	12	3	1100	36 27 S	150 27 E	18.3												G
U4		65	12	3	1200	36 15 S	150 27 E	18.3												G
U4		65	12	3	1300	36 9 S	150 33 E	18.3												G
U4		65	12	3	1400	36 3 S	150 33 E	18.5												G
U4		65	12	3	1500	36 3 S	150 27 E	18.8												G
U4		65	12	3	1600	36 9 S	150 27 E	19.4												G
U4		65	12	3	1700	36 15 S	150 21 E	20.0												G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
W2	1		65	10	31	0500	37 9 S	149 57 E	16.4											1
W2	1		65	10	31	0600	37 3 S	150 3 E	16.2	35.34										1
W2	1		65	10	31	0700	36 57 S	150 9 E	17.5											1
W2	1		65	10	31	0800	36 51 S	150 15 E	17.8											1
W2	1		65	10	31	0900	36 45 S	150 15 E	18.0	35.64										1
W2	1		65	10	31	1000	36 39 S	150 15 E	18.0											1
W2	1		65	10	31	1100	36 33 S	150 15 E	18.1											1
W2	1		65	10	31	1200	36 27 S	150 9 E	18.1	35.68										1
W2	1		65	10	31	1300	36 21 S	150 15 E	18.9											1
W2	1		65	10	31	1400	36 27 S	150 9 E	18.4											1
W2	1		65	10	31	1440	36 27 S	150 9 E	18.2											1
W2	1		65	10	31	1500	36 27 S	150 9 E	18.2	35.62										1
W2	1		65	10	31	1600	36 27 S	150 9 E	18.2											1
W2	1		65	10	31	1700	36 33 S	150 9 E	17.7											1
W2	1		65	11	1	0800	36 33 S	150 3 E	17.3											1
W2	1		65	11	2	0630	36 33 S	150 3 E	17.3											1
W2	1		65	11	2	0700	36 33 S	150 9 E	17.7											1
W2	1		65	11	2	0800	36 33 S	150 15 E	17.5											1
W2	1		65	11	2	0900	36 27 S	150 21 E	17.3	35.53										1
W2	1		65	11	2	0940	36 27 S	150 21 E	18.0											1
W2	1		65	11	2	1000	36 27 S	150 21 E	18.1											1
W2	1		65	11	2	1100	36 19 S	150 21 E	18.0											1
W2	1		65	11	2	1200	36 27 S	150 15 E	18.1	35.62										1
W2	1		65	11	2	1300	36 33 S	150 9 E	17.7											1
W2	1		65	11	2	1400	36 39 S	150 3 E	17.8											1
W2	1		65	11	2	1500	36 45 S	150 3 E	16.2	35.44										1
W2	1		65	11	2	1600	36 51 S	150 3 E	16.5											1
W2	1		65	11	2	1700	36 57 S	150 3 E	15.9											1
W2	3		65	11	4	0500	37 3 S	149 57 E	16.4											1
W2	3		65	11	4	0600	37 3 S	149 57 E	16.1	35.39										1
W2	3		65	11	4	0700	36 57 S	150 3 E	17.7											1
W2	3		65	11	4	0800	36 51 S	150 9 E	17.6											1
W2	3		65	11	4	0830	36 51 S	150 15 E	17.9											1
W2	3		65	11	4	0900	36 45 S	150 15 E	18.1	35.59										1
W2	3		65	11	4	0930	36 39 S	150 21 E	18.2											1
W2	3		65	11	4	0950	36 39 S	150 21 E	18.2											1
W2	3		65	11	4	1015	36 39 S	150 21 E	18.2	35.62										1
W2	3		65	11	4	1100	36 39 S	150 21 E	18.4											1
W2	3		65	11	4	1200	36 39 S	150 15 E	18.4	35.62										1
W2	3		65	11	4	1300	36 33 S	150 15 E	18.3	35.61										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
W2	3		65	11	4	1335	36 39 S	150 21 E	18.3	35.64										1
W2	3		65	11	4	1350	36 39 S	150 21 E	18.2											1
W2	3		65	11	4	1400	36 39 S	150 21 E	18.3											1
W2	3		65	11	4	1430	36 39 S	150 21 E	18.3											1
W2	3		65	11	4	1445	36 45 S	150 21 E	18.3	35.57										1
W2	3		65	11	4	1450	36 45 S	150 21 E	18.2											1
W2	3		65	11	4	1500	36 45 S	150 21 E	18.2	35.59										1
W2	3		65	11	4	1600	36 45 S	150 21 E	18.2											1
W2	3		65	11	4	1630	36 45 S	150 15 E	18.1											1
W2	3		65	11	4	1700	36 51 S	150 9 E	18.2											1
W2	3		65	11	4	1800	36 57 S	150 3 E	18.0	35.61										1
W2	4		65	11	6	0600	37 3 S	149 57 E	16.3	35.41										1
W2	4		65	11	6	0700	37 9 S	150 9 E	17.4											1
W2	4		65	11	6	0800	37 3 S	150 15 E	17.9											1
W2	4		65	11	6	0900	36 57 S	150 21 E	18.0	35.59										1
W2	4		65	11	6	1000	36 51 S	150 15 E	17.9											1
W2	4		65	11	6	1100	36 45 S	150 15 E	17.9											1
W2	4		65	11	6	1200	36 51 S	150 9 E	17.9	35.68										1
W2	4		65	11	6	1300	36 57 S	150 3 E	17.8											1
W2	4		65	11	6	1400	37 3 S	149 57 E	17.1											1
W2	5		65	11	7	0700	37 3 S	149 57 E	16.2											1
W2	5		65	11	7	0800	37 3 S	150 3 E	17.8	35.59										1
W2	5		65	11	7	0815	37 3 S	150 3 E	17.9	35.59										1
W2	5		65	11	7	0840	37 3 S	150 9 E	18.1											1
W2	5		65	11	7	0900	37 3 S	150 15 E	18.2	35.59										1
W2	5		65	11	7	0915	37 3 S	150 15 E	18.4											1
W2	5		65	11	7	0930	37 3 S	150 21 E	18.3											1
W2	5		65	11	7	0940	37 3 S	150 21 E	18.3											1
W2	5		65	11	7	0950	37 3 S	150 21 E	18.3											1
W2	5		65	11	7	1000	37 3 S	150 15 E	18.4											1
W2	5		65	11	7	1020	36 57 S	150 15 E	18.4											1
W2	5		65	11	7	1045	36 51 S	150 15 E	18.8											1
W2	5		65	11	7	1100	36 51 S	150 15 E	18.5	35.62										1
W2	5		65	11	7	1130	36 45 S	150 15 E	18.9											1
W2	5		65	11	7	1145	36 45 S	150 15 E	19.1											1
W2	5		65	11	7	1200	36 45 S	150 15 E	19.2	35.61										1
W2	5		65	11	7	1206	36 45 S	150 15 E	19.1	35.73										1
W2	5		65	11	7	1225	36 45 S	150 15 E	18.9	35.62										1
W2	5		65	11	7	1235	36 45 S	150 15 E	19.0	35.61										1
W2	5		65	11	7	1300	36 45 S	150 15 E	18.8											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
W2	5		65	11	7	1310	36 45 S	150 21 E	18.5											1
W2	5		65	11	7	1400	36 45 S	150 21 E	18.6											1
W2	5		65	11	7	1500	36 45 S	150 21 E	18.5	35.57										1
W2	5		65	11	7	1700	36 57 S	150 3 E	18.1											1
W2	5		65	11	7	1800	37 3 S	149 57 E	17.9	35.59										1
W2	6		65	11	14	0615	37 3 S	149 57 E	15.9											1
W2	6		65	11	14	0630	37 3 S	149 57 E	15.8											1
W2	6		65	11	14	0655	37 3 S	149 57 E	15.4											1
W2	6		65	11	14	0700	37 3 S	149 57 E	15.2											1
W2	6		65	11	14	0715	37 3 S	150 3 E	15.2											1
W2	6		65	11	14	0755	37 3 S	150 3 E	15.4											1
W2	6		65	11	14	0800	37 3 S	150 3 E	15.4											1
W2	6		65	11	14	0815	37 3 S	150 3 E	15.9											1
W2	6		65	11	14	0850	37 3 S	150 21 E	18.6											1
W2	6		65	11	14	0900	37 3 S	150 21 E	18.5	35.64										1
W2	6		65	11	14	0930	36 57 S	150 21 E	18.7											1
W2	6		65	11	14	0940	36 57 S	150 21 E	18.7											1
W2	6		65	11	14	1000	36 51 S	150 21 E	18.2											1
W2	6		65	11	14	1100	36 45 S	150 15 E	18.6											1
W2	6		65	11	14	1200	36 51 S	150 15 E	15.8											1
W2	6		65	11	14	1300	36 57 S	150 9 E	15.4											1
W2	6		65	11	14	1400	37 3 S	150 3 E	15.4											1
W2	8		65	11	15	0625	37 3 S	149 57 E	16.1											1
W2	8		65	11	15	0645	37 3 S	149 57 E	15.9											1
W2	8		65	11	15	0700	37 3 S	149 57 E	16.0											1
W2	8		65	11	15	0755	37 3 S	150 3 E	15.6	35.44										1
W2	8		65	11	15	0830	37 03 S	150 09 E	15.7	35.48										1
W2	8		65	11	15	0835	37 3 S	150 9 E	16.4	35.50										1
W2	8		65	11	15	0900	37 3 S	150 15 E	18.2	35.71										1
W2	8		65	11	15	0930	37 3 S	150 21 E	18.6											1
W2	8		65	11	15	1000	36 57 S	150 21 E	17.9											1
W2	8		65	11	15	1100	36 51 S	150 21 E	18.6											1
W2	8		65	11	15	1200	36 45 S	150 15 E	18.9	35.61										1
W2	8		65	11	15	1300	36 39 S	150 15 E	19.2											1
W2	8		65	11	15	1310	36 39 S	150 15 E	18.9											1
W2	8		65	11	15	1400	36 33 S	150 15 E	18.9											1
W2	8		65	11	15	1500	36 27 S	150 15 E	18.7	35.61										1
W2	8		65	11	15	1600	36 21 S	150 21 E	18.4											1
W2	8		65	11	15	1700	36 27 S	150 21 E	18.4											1
W2	8		65	11	15	1800	36 27 S	150 15 E	17.5	35.50										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
h2	8		65	11	15	1900	36 27 S	150 9 E	17.2											1
h2	8		65	11	16	0940	36 27 S	150 3 E	16.6											1
h2	8		65	11	16	1000	36 27 S	150 9 E	17.1											1
h2	8		65	11	16	1100	36 27 S	150 15 E	17.8											1
h2	8		65	11	16	1200	36 33 S	150 15 E	17.8	35.59										1
h2	8		65	11	16	1300	36 39 S	150 15 E	17.8											1
h2	8		65	11	16	1400	36 45 S	150 9 E	16.7											1
h2	8		65	11	16	1500	36 51 S	150 3 E	15.6	35.46										1
h2	8		65	11	16	1600	36 57 S	149 57 E	15.7											1
h2	8		65	11	16	1700	37 3 S	149 57 E	15.4											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
W4	15		65	3	25	0700	35 15 S	135 21 E	18.2											1
W4	15		65	3	25	1100	35 9 S	135 39 E	18.7											1
W4	15		65	3	25	1400	35 15 S	135 39 E	19.0											1
W4	15		65	3	25	1600	35 9 S	135 39 E	18.9											1
W4	15		65	3	26	0600	35 15 S	135 39 E	18.1											1
W4	15		65	3	26	0900	35 15 S	135 39 E	18.5											1
W4	15		65	3	26	1200	34 57 S	135 51 E	19.0											1
W4	15		65	3	26	1600	34 57 S	135 45 E	19.1											1
W4			65	10	3	0900	35 9 S	151 3 E	17.2											G
W4			65	10	3	1115	35 15 S	151 15 E	17.8											G
W4			65	10	3	1125	35 15 S	151 15 E	17.2											G
W4			65	10	3	1255	35 15 S	151 21 E	17.8											G
W4			65	10	3	1415	35 27 S	151 27 E	18.8											G
W4			65	10	3	1505	35 33 S	151 33 E	17.8											G
W4			65	10	3	1530	35 39 S	151 39 E	17.8											G
W4			65	10	4	0830	36 15 S	150 15 E	17.2											G
W4			65	10	4	1000	36 21 S	150 15 E	17.8											G
W4			65	10	4	1100	36 33 S	150 9 E	15.6											G
W4			65	10	4	1245	36 39 S	150 9 E	15.0											G
W4			65	10	4	1400	37 3 S	149 57 E	14.4											G
W4			65	10	11	0930	36 57 S	150 21 E	16.8											G
W4			65	10	11	1000	36 57 S	150 39 E	16.7											G
W4			65	10	11	1200	36 39 S	150 45 E	17.8											G
W4			65	10	11	1300	36 33 S	150 39 E	17.8											G
W4			65	10	11	1500	36 27 S	150 21 E	17.8											G
W4			65	10	11	1620	36 27 S	150 9 E	17.7											G
W4			65	10	11	1700	36 27 S	150 3 E	16.7											G
W4			65	10	12	0830	36 27 S	150 21 E	17.2											G
W4			65	10	12	0900	36 27 S	150 21 E	17.5											G
W4			65	10	12	1000	36 27 S	150 33 E	17.7											G
W4			65	10	12	1135	36 27 S	150 51 E	16.8											G
W4			65	10	12	1235	36 21 S	151 3 E	17.2											G
W4			65	10	12	1400	36 27 S	151 3 E	15.7											G
W4			65	10	12	1500	36 39 S	150 57 E	16.7											G
W4			65	10	12	1545	36 39 S	150 51 E	17.8											G
W4			65	10	12	1700	36 57 S	150 21 E	17.9											G
W4			65	10	12	1900	37 3 S	149 57 E	15.6											G
W4			65	10	21	0900	36 51 S	150 21 E	16.8											G
W4			65	10	21	0930	36 51 S	150 21 E	16.9											G
W4			65	10	21	0945	36 51 S	150 21 E	17.2											G

VESSEL	CRUISE NUMBER	STATION	YR.	MTH.	DAY	TIME	LATITUDE			LONGITUDE			TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
W4			65	10	21	1100	36	51	S	150	39	E	17.8											G
W4			65	10	21	1200	36	45	S	150	39	E	18.3											G
W4			65	10	21	1330	36	27	S	150	39	E	18.6											G
W4			65	10	21	1430	36	15	S	150	45	E	18.6											G
W4			65	10	21	1500	36	15	S	150	45	E	17.8											G
W4			65	10	21	1630	36	21	S	150	27	E	17.8											G
W4			65	10	21	1810	36	15	S	150	15	E	17.8											G
W4			65	10	22	0815	36	15	S	150	15	E	16.7											G
W4			65	10	22	0900	36	15	S	150	21	E	17.7											G
W4			65	10	22	0930	36	15	S	150	27	E	17.2											G
W4			65	10	22	1030	36	15	S	150	39	E	17.8											G
W4			65	10	22	1045	36	15	S	150	39	E	18.2											G
W4			65	10	22	1100	36	15	S	150	39	E	17.7											G
W4			65	10	22	1345	36	21	S	151	15	E	18.8											G
W4			65	10	22	1355	36	21	S	151	15	E	17.8											G
W4			65	10	22	1445	36	27	S	151	15	E	18.6											G
W4			65	10	22	1600	36	33	S	151	21	E	18.9											G
W4			65	10	22	1730	36	45	S	150	57	E	18.9											G
W4			65	10	22	1805	36	51	S	150	39	E	18.9											G
W4			65	10	22	1855	36	51	S	150	39	E	18.3											G
W4			65	10	23	0830	36	57	S	150	21	E	17.8											G
W4			65	10	23	1100	36	51	S	150	39	E	18.3											G
W4			65	10	23	1200	36	51	S	150	39	E	17.8											G
W4			65	10	25	1030	37	3	S	149	57	E	16.7											G
W4			65	10	25	1130	37	3	S	150	9	E	15.0											G
W4			65	10	25	1230	37	3	S	150	21	E	17.5											G
W4			65	10	25	1330	36	57	S	150	27	E	18.3											G
W4			65	10	25	1345	36	57	S	150	27	E	18.6											G
W4			65	10	25	1415	36	57	S	150	33	E	17.9											G
W4			65	10	25	1500	36	57	S	150	33	E	18.5											G
W4			65	10	25	1700	36	39	S	150	33	E	18.8											G
W4			65	10	25	1800	36	45	S	150	21	E	18.8											G
W4			65	10	25	1900	36	57	S	150	15	E	17.1											G
W4			65	10	25	2000	37	3	S	150	3	E	17.8											G
W4			65	10	27	0645	37	3	S	150	3	E	16.9											G
W4			65	10	27	0800	36	57	S	150	21	E	17.9											G
W4			65	10	27	0915	36	57	S	150	27	E	18.3											G
W4			65	10	27	1000	36	45	S	150	21	E	18.6											G
W4			65	10	27	1130	36	39	S	150	33	E	18.6											G
W4			65	10	27	1215	36	33	S	150	33	E	18.8											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
W4			65	10	27	1220	36 33 S	150 33 E	17.9											G
W4			65	10	27	1330	36 27 S	150 21 E	18.8											G
W4			65	10	27	1500	36 27 S	150 21 E	18.9											G
W4			65	10	27	1700	36 27 S	150 3 E	18.3											G
W4			65	10	27	1830	36 27 S	150 3 E	17.7											G
W4			65	10	28	0830	36 27 S	150 21 E	17.7											G
W4			65	10	28	1000	36 39 S	150 21 E	17.9											G
W4			65	10	28	1200	36 45 S	150 21 E	18.3											G
W4			65	10	28	1300	36 45 S	150 21 E	18.8											G
W4			65	10	28	1400	36 39 S	150 21 E	18.9											G
W4			65	10	28	1500	36 33 S	150 21 E	18.9											G
W4			65	10	28	1800	36 27 S	150 21 E	18.9											G
W4			65	10	29	0630	36 15 S	150 21 E	17.8											G
W4			65	10	29	0800	36 27 S	150 21 E	18.3											G
W4			65	10	29	0900	36 15 S	150 27 E	18.2											G
W4			65	10	29	1030	36 9 S	150 39 E	18.3											G
W4			65	10	29	1115	36 9 S	150 39 E	18.6											G
W4			65	10	29	1400	36 9 S	150 51 E	18.6											G
W4			65	10	29	1530	36 9 S	150 27 E	18.9											G
W4			65	10	29	1930	36 15 S	150 15 E	17.8											G
W4			65	10	30	0715	36 15 S	150 21 E	17.7											G
W4			65	10	30	0900	36 15 S	150 45 E	18.3											G
W4			65	10	30	1100	36 15 S	150 39 E	18.9											G
W4			65	10	30	1200	36 21 S	150 21 E	18.9											G
W4			65	10	30	1333	36 21 S	150 21 E	18.9											G
W4			65	10	30	1700	36 27 S	150 21 E	18.9											G
W4			65	10	30	2100	36 57 S	149 57 E	16.7											G
W4			65	10	31	0700	36 45 S	150 15 E	18.1											G
W4			65	10	31	0900	36 27 S	150 21 E	18.3											G
W4			65	10	31	1030	36 27 S	150 21 E	18.3											G
W4			65	10	31	1200	36 45 S	150 9 E	18.1											G
W4			65	10	31	1400	37 3 S	150 3 E	16.7											G
W4			65	11	4	0615	36 57 S	150 3 E	17.8											G
W4			65	11	4	0900	36 39 S	150 15 E	18.4											G
W4			65	11	4	1000	36 27 S	150 21 E	18.9											G
W4			65	11	4	1040	36 27 S	150 21 E	18.9											G
W4			65	11	4	1110	36 27 S	150 21 E	18.8											G
W4			65	11	4	1300	36 27 S	150 21 E	18.9											G
W4			65	11	4	1600	36 33 S	150 21 E	18.9											G
W4			65	11	4	1700	36 45 S	150 15 E	18.9											G

VESSEL	CRUISE NUMBER	STATION	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
W4			65	11	4	1900	36 57 S	149 57 E	18.3											G
W4			65	11	5	0630	36 57 S	149 57 E	16.1											G
W4			65	11	5	0830	36 39 S	150 15 E	18.3											G
W4			65	11	5	1000	36 27 S	150 21 E	18.6											G
W4			65	11	5	1200	36 39 S	150 15 E	18.3											G
W4			65	11	5	1340	36 45 S	149 57 E	17.8											G
W4			65	11	7	0800	36 57 S	150 9 E	17.8											G
W4			65	11	7	1000	36 45 S	150 15 E	18.3											G
W4			65	11	7	1115	36 45 S	150 21 E	18.9											G
W4			65	11	7	1400	36 51 S	150 27 E	18.9											G
W4			65	11	7	1600	36 51 S	150 21 E	18.9											G
W4			65	11	7	1800	37 3 S	150 3 E	17.8											G
W4			65	11	7	1940	37 3 S	149 51 E	17.2											G
W4			65	11	8	0800	37 3 S	150 15 E	18.6											G
W4			65	11	8	1000	36 51 S	150 21 E	19.2											G
W4			65	11	8	1100	36 45 S	150 21 E	19.7											G
W4			65	11	8	1300	37 3 S	150 15 E	19.4											G
W4			65	11	8	1500	37 3 S	150 21 E	19.4											G
W4			65	11	14	0800	36 57 S	150 21 E	15.6											G
W4			65	11	14	0820	36 57 S	150 21 E	18.5											G
W4			65	11	14	0900	36 51 S	150 27 E	18.9											G
W4			65	11	14	1100	36 45 S	150 21 E	18.9											G
W4			65	11	14	1230	36 57 S	150 15 E	15.6											G
W4			65	11	15	0830	36 57 S	150 21 E	15.6											G
W4			65	11	15	0900	36 57 S	150 21 E	17.7											G
W4			65	11	15	1100	36 45 S	150 15 E	19.1											G
W4			65	11	15	1200	36 39 S	150 21 E	19.4											G
W4			65	11	15	1500	36 15 S	150 21 E	19.9											G
W4			65	11	15	1705	36 15 S	150 27 E	19.9											G
W4			65	11	15	1835	36 15 S	150 27 E	19.7											G
W4			65	11	15	2220	36 27 S	150 3 E	17.8											G
W4			65	11	16	1100	36 27 S	150 21 E	18.1											G
W4			65	11	16	1145	36 21 S	150 27 E	18.1											G
W4			65	11	16	1300	36 15 S	150 27 E	18.3											G
W4			65	11	16	1500	36 21 S	150 21 E	18.9											G
W4			65	11	16	1700	36 27 S	150 9 E	16.7											G
W4			65	11	16	2100	37 3 S	149 57 E	16.1											G
W4			65	11	19	0800	36 51 S	150 15 E	17.7											G
W4			65	11	19	1000	36 33 S	150 27 E	18.8											G
W4			65	11	19	1100	36 27 S	150 27 E	18.9											G

VESSEL	CRUISE NUMBER	STATION	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
h4			65	11	19	1320	36 15 S	150 27 E	18.9											G
h4			65	11	19	1500	36 9 S	150 33 E	18.9											G
h4			65	11	19	1800	36 21 S	150 21 E	19.4											G
h4			65	11	19	1900	36 15 S	150 15 E	18.9											G
h4			65	11	20	0800	36 15 S	150 21 E	17.9											G
h4			65	11	20	1000	36 27 S	150 27 E	18.9											G
h4			65	11	20	1300	36 27 S	150 21 E	19.0											G
h4			65	11	20	1500	36 45 S	150 21 E	19.2											G
h4			65	11	20	1600	36 57 S	150 21 E	18.9											G
h4			65	11	20	1740	37 3 S	150 3 E	17.5											G
h4			65	11	20	1830	37 3 S	149 57 E	16.1											G
h4			65	12	3	0630	36 57 S	150 9 E	16.1											G
h4			65	12	3	0900	36 45 S	150 15 E	18.8											G
h4			65	12	3	1000	36 33 S	150 15 E	18.9											G
h4			65	12	3	1200	36 21 S	150 21 E	19.2											G
h4			65	12	3	1400	36 15 S	150 27 E	19.9											G
h4			65	12	3	1600	36 9 S	150 21 E	20.0											G
h4			65	12	3	1800	35 51 S	150 33 E	20.0											G
h4			65	12	3	2045	35 51 S	150 27 E	20.2											G
h4			65	12	4	0900	35 57 S	150 27 E	18.5											G
h4			65	12	4	0945	35 57 S	150 27 E	19.4											G
h4			65	12	4	1100	35 57 S	150 27 E	19.1											G
h4			65	12	4	1300	35 51 S	150 27 E	19.7											G
h4			65	12	4	1500	35 57 S	150 27 E	19.4											G
h4			65	12	4	1700	35 51 S	150 27 E	19.3											G
h4			65	12	4	1800	35 51 S	150 27 E	19.4											G
h4			65	12	5	0900	35 51 S	150 33 E	18.6											G
h4			65	12	5	1100	35 51 S	150 33 E	19.1											G
h4			65	12	5	1300	36 3 S	150 21 E	18.9											G
h4			65	12	5	1500	35 57 S	150 27 E	19.1											G
h4			65	12	5	1615	35 51 S	150 27 E	19.1											G
h4			65	12	6	0900	35 51 S	150 27 E	18.3											G
h4			65	12	6	1020	36 3 S	150 21 E	18.8											G
h4			65	12	6	1105	36 9 S	150 21 E	18.9											G
h4			65	12	6	1300	36 3 S	150 21 E	19.1											G
h4			65	12	6	1500	35 51 S	150 21 E	19.2											G
h4			65	12	6	1603	36 3 S	150 21 E	19.7											G
h4			65	12	6	1657	36 9 S	150 21 E	19.9											G
h4			65	12	6	1940	36 15 S	150 21 E	19.1											G
h4			65	12	7	0900	36 15 S	150 21 E	19.1											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
W4			65	12	7	0925	36 15 S	150 21 E	18.9											G
W4			65	12	7	1445	36 21 S	150 21 E	19.2											G
W4			65	12	7	1700	36 45 S	150 15 E	19.4											G
W4			65	12	7	1830	36 57 S	150 9 E	17.8											G
W4			65	12	9	0900	36 51 S	150 15 E	19.1											G
W4			65	12	9	1100	36 27 S	150 15 E	19.1											G
W4			65	12	9	1300	36 15 S	150 15 E	20.0											G
W4			65	12	10	0800	36 15 S	150 15 E	19.3											G
W4			65	12	10	1000	36 27 S	150 15 E	19.6											G
W4			65	12	10	1300	36 21 S	150 15 E	19.9											G
W4			65	12	10	1500	36 27 S	150 15 E	19.9											G
W4			65	12	10	1700	36 15 S	150 15 E	20.0											G
W4			65	12	11	0800	36 15 S	150 15 E	19.9											G
W4			65	12	11	1000	36 27 S	150 15 E	19.8											G
W4			65	12	11	1200	36 27 S	150 15 E	20.0											G
W4			65	12	11	1235	36 27 S	150 15 E	20.2											G
W4			65	12	11	1500	36 27 S	150 21 E	20.0											G
W4			65	12	11	1600	36 33 S	150 21 E	20.0											G
W4			65	12	11	1740	36 33 S	150 21 E	20.2											G
W4			65	12	11	1900	36 45 S	150 15 E	20.0											G
W4			65	12	12	0900	36 45 S	150 15 E	19.9											G
W4			65	12	12	1000	36 45 S	150 15 E	19.7											G
W4			65	12	12	1200	37 3 S	150 21 E	18.9											G
W4			65	12	12	1500	37 33 S	150 3 E	20.0											G
W4			65	12	12	1530	37 33 S	149 57 E	15.6											G
W4			65	12	18	0800	36 51 S	150 15 E	19.4											G
W4			65	12	18	1000	36 39 S	150 15 E	19.8											G
W4			65	12	18	1200	36 51 S	150 9 E	18.9											G
W4			65	12	19	0945	37 3 S	150 21 E	18.9											G
W4			65	12	19	1100	36 45 S	150 15 E	19.6											G
W4			65	12	19	1300	36 39 S	150 15 E	19.8											G
W4			65	12	19	1428	36 57 S	150 21 E	20.1											G
W4			65	12	19	1513	36 57 S	150 21 E	19.8											G
W4			65	12	19	1800	37 3 S	150 21 E	19.6											G
W4			65	12	20	0800	37 3 S	150 15 E	19.1											G
W4			65	12	20	0900	37 3 S	150 21 E	19.4											G
W4			65	12	20	1100	36 45 S	150 15 E	19.6											G
W4			65	12	20	1200	36 39 S	150 15 E	19.7											G
W4			65	12	20	1325	36 27 S	150 15 E	19.8											G
W4			65	12	20	1355	36 27 S	150 15 E	19.9											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
W4			65	12	20	1500	36 15 S	150 21 E	20.0											G
W4			65	12	20	1700	36 15 S	150 21 E	20.0											G
W4			65	12	20	1832	36 15 S	150 27 E	20.0											G
W4			65	12	21	0900	36 15 S	150 27 E	19.1											G
W4			65	12	21	0945	36 15 S	150 27 E	19.1											G
W4			65	12	21	1015	36 15 S	150 27 E	19.1											G
W4			65	12	21	1200	36 15 S	150 21 E	19.9											G
W4			65	12	21	1400	36 15 S	150 21 E	19.8											G
W4			65	12	21	1500	36 3 S	150 27 E	20.0											G
W4			65	12	22	0900	36 3 S	150 27 E	19.6											G
W4			65	12	22	1100	36 3 S	150 21 E	19.4											G
W4			65	12	22	1300	36 27 S	150 21 E	17.2											G
W4			65	12	22	1500	36 39 S	150 21 E	19.8											G
W4			65	12	22	1700	36 57 S	150 9 E	19.1											G
W4			65	12	24	0900	37 3 S	150 9 E	16.7											G
W4			65	12	24	1100	37 3 S	150 21 E	20.7											G
W4			65	12	24	1130	37 3 S	150 15 E	20.0											G
W4			65	12	24	1230	37 3 S	150 9 E	18.9											G
W4			65	12	27	0800	37 3 S	150 15 E	19.6											G
W4			65	12	27	1000	36 51 S	150 21 E	19.8											G
W4			65	12	27	1200	36 57 S	150 15 E	20.2											G
W4			65	12	27	1400	36 51 S	150 33 E	20.0											G
W4			65	12	27	1600	36 45 S	150 15 E	20.6											G
W4			65	12	27	1800	37 3 S	150 3 E	20.0											G
W4			65	12	28	0900	37 9 S	150 9 E	19.7											G
W4			65	12	28	1100	37 15 S	150 15 E	20.6											G
W4			65	12	28	1218	37 9 S	150 15 E	20.9											G
W4			65	12	28	1337	37 9 S	150 15 E	21.9											G
W4			65	12	28	1500	37 9 S	150 15 E	20.6											G
W4			65	12	28	1700	37 3 S	150 21 E	20.1											G
W4			65	12	28	1900	37 9 S	150 15 E	20.0											G
W4			65	12	29	0930	37 9 S	150 9 E	19.9											G
W4			65	12	29	1100	37 15 S	150 15 E	20.6											G
W4			65	12	29	1300	37 15 S	150 15 E	20.4											G
W4			65	12	29	1500	37 9 S	150 3 E	20.8											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
X2			65	10	31	0600	36 39 S	150 15 E	17.8											1
X2			65	10	31	0900	36 33 S	150 15 E	18.3											1
X2			65	10	31	1200	36 21 S	150 21 E	18.6											1
X2			65	10	31	1600	36 27 S	150 15 E	18.3											1
X2			65	11	1	0545	36 27 S	150 3 E	18.3											1
X2			65	11	1	1130	36 33 S	150 15 E	18.9											1
X2			65	11	1	1715	36 39 S	150 15 E	18.3											1
X2			65	11	2	0615	36 27 S	150 3 E	18.6											1
X2			65	11	2	0900	36 21 S	150 21 E	19.2											1
X2			65	11	2	1000	36 21 S	150 15 E	18.9											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y2	15		65	3	25	0700	35 15 S	135 39 E	18.2											G
Y2	15		65	3	25	0900	35 15 S	135 39 E	18.2											G
Y2	15		65	3	25	1100	35 15 S	135 39 E	18.7											G
Y2	15		65	3	25	1300	35 15 S	135 39 E	19.0											G
Y2	15		65	3	25	1600	35 15 S	135 39 E	19.0											G
Y2	15		65	3	25	1800	35 9 S	135 39 E	18.9											G
Y2	15		65	3	26	0600	35 15 S	135 39 E	18.1											G
Y2	15		65	3	26	0800	35 15 S	135 39 E	18.2											G
Y2	15		65	3	26	0900	35 15 S	135 39 E	18.5											G
Y2	15		65	3	26	1000	35 15 S	135 39 E	19.0											G
Y2	15		65	3	26	1100	35 9 S	135 45 E	18.5											G
Y2	15		65	3	26	1200	34 57 S	135 45 E	19.0											G
Y2	15		65	3	26	1300	34 57 S	135 45 E	19.1											G
Y2	15		65	3	26	1500	34 57 S	135 45 E	19.3											G
Y2	15		65	3	26	1600	34 57 S	135 45 E	19.1											G

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN. AMT.	SEA DN. AMT.	SWELL DN. AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y4		1	65	9	9	1142	K 42 36	S 147 56	E 11.8								1
Y4		2	65	9	9	1222	K 42 36	S 147 56	E 12.0								1
Y4		3	65	9	9	1308	K 42 35	S 147 57	E 11.9								1
Y4		4	65	9	9	1340	K 42 35	S 148 00	E 12.1								1
Y4		5	65	9	9	1415	K 42 35	S 148 02	E 12.2								1
Y4		6	65	9	9	1610	K 42 35	S 148 04	E 12.5								1
Y4		11	65	9	22	1916	K 42 35	S 148 02	E 12.0								1
Y4		12	65	9	22	1958	K 42 35	S 148 00	E 11.9								1
Y4		13	65	9	22	2047	K 42 35	S 147 57	E 11.8								1
Y4		14	65	9	23	1008	K 42 36	S 147 56	E 11.8								1
Y4		15	65	9	23	1052	K 42 36	S 147 56	E 11.8								1
Y4		16	65	9	23	1408	K 42 35	S 147 57	E 12.1								1
Y4		17	65	9	23	1448	K 42 35	S 148 00	E 11.9								1
Y4		18	65	9	23	1527	K 42 35	S 148 02	E 11.9								1
Y4		19	65	9	23	1607	K 42 35	S 148 03	E 12.1								1
Y4		20	65	9	23	1642	K 42 35	S 148 04	E 12.1								1
Y4	1	21	65	10	5	1944	K 42 35	S 148 02	E 11.6	35.23							1
Y4	1	22	65	10	5	2030	K 42 35	S 148 00	E 11.7	35.25							1
Y4	1	23	65	10	5	2114	K 42 35	S 147 57	E 11.7	35.23							1
Y4	1	24	65	10	6	0806	K 42 36	S 147 56	E 11.7	35.23							1
Y4	1	25	65	10	6	0846	K 42 36	S 147 56	E 11.7	35.25							1
Y4	1	26	65	10	6	0923	K 42 35	S 147 57	E 11.6	35.23							1
Y4	1	27	65	10	6	1007	K 42 35	S 148 00	E 11.7	35.23							1
Y4	1	28	65	10	6	1040	K 42 35	S 148 02	E 11.8	35.23							1
Y4	1	29	65	10	6	1135	K 42 35	S 148 03	E 11.8	35.25							1
Y4	1	30	65	10	6	1253	K 42 35	S 148 04	E 12.1	35.23							1
Y4	2	31	65	10	13	1951	K 42 35	S 147 57	E 12.2	35.16							1
Y4	2	32	65	10	13	2026	K 42 35	S 148 00	E 12.2	35.16							1
Y4	2	33	65	10	13	2059	K 42 35	S 148 02	E 12.3	35.16							1
Y4	2	34	65	10	14	0727	K 42 35	S 148 04	E 12.3	35.17							1
Y4	2	35	65	10	14	0755	K 42 35	S 148 03	E 12.3	35.17							1
Y4	2	36	65	10	14	0919	K 42 35	S 148 02	E 12.1	35.19							1
Y4	2	37	65	10	14	0947	K 42 35	S 148 00	E 12.2	35.15							1
Y4	2	38	65	10	14	1018	K 42 35	S 147 57	E 12.2	35.14							1
Y4	2	39	65	10	14	1049	K 42 36	S 147 56	E 12.3	35.17							1
Y4	2	40	65	10	14	1116	K 42 36	S 147 56	E 12.3	35.17							1
Y4	3	41	65	10	19	1925	K 42 34	S 148 03	E 12.6	35.19							1
Y4	3	42	65	10	19	2008	K 42 34	S 148 01	E 12.7	35.17							1
Y4	3	43	65	10	19	2040	K 42 34	S 147 58	E 12.7	35.17							1
Y4	3	44	65	10	20	0708	K 42 35	S 148 04	E 12.6	35.19							1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y4	3	45	65	10	20	0730	K 42 35 S	148 03 E	12,7											1
Y4	3	46	65	10	20	0858	K 42 35 S	148 02 E	12,7	35,19										1
Y4	3	47	65	10	20	0930	K 42 35 S	148 00 E	12,7	35,25										1
Y4	3	48	65	10	20	0955	K 42 36 S	147 57 E	12,8											1
Y4	3	49	65	10	20	1030	K 42 36 S	147 56 E	13,2											1
Y4	3	50	65	10	20	1050	K 42 36 S	147 56 E	13,2	35,34										1
Y4	4	51	65	10	27	1954	K 42 34 S	148 03 E	13,4	35,16										1
Y4	4	52	65	10	27	2028	K 42 34 S	148 01 E	13,9	35,19										1
Y4	4	53	65	10	27	2100	K 42 34 S	147 58 E	13,9	35,21										1
Y4	4	54	65	10	28	0649	K 42 36 S	147 56 E	13,9	35,17										1
Y4	4	55	65	10	28	0711	K 42 36 S	147 56 E	13,9	35,19										1
Y4	4	56	65	10	28	0817	K 42 36 S	147 57 E	13,9	35,17										1
Y4	4	57	65	10	28	0843	K 42 35 S	148 00 E	13,8	35,19										1
Y4	4	58	65	10	28	0915	K 42 35 S	148 02 E	14,0	35,21										1
Y4	4	59	65	10	28	0945	K 42 35 S	148 04 E	13,6	35,16										1
Y4	4	60	65	10	28	1009	K 42 35 S	148 03 E	13,7	35,17										1
Y4	5	61	65	11	3	2010	K 42 34 S	148 03 E	13,1	35,14										1
Y4	5	62	65	11	3	2044	K 42 34 S	148 01 E	13,9	35,16										1
Y4	5	63	65	11	3	2118	K 42 34 S	147 58 E	14,0	35,17										1
Y4	5	64	65	11	4	0636	K 42 36 S	147 56 E	13,6	35,17										1
Y4	5	65	65	11	4	0656	K 42 36 S	147 56 E	13,6	35,17										1
Y4	5	66	65	11	4	0815	K 42 36 S	147 57 E	14,0	35,16										1
Y4	5	67	65	11	4	0845	K 42 35 S	148 00 E	13,7	35,17										1
Y4	5	68	65	11	4	0915	K 42 35 S	148 02 E	13,6	35,17										1
Y4	5	69	65	11	4	0938	K 42 35 S	148 03 E	13,4	35,10										1
Y4	5	70	65	11	4	1000	K 42 35 S	148 04 E	13,3	35,14										1
Y4	6	71	65	11	10	2015	K 42 34 S	148 03 E	12,9	35,10										1
Y4	6	72	65	11	10	2103	K 42 34 S	148 01 E	13,7	35,14										1
Y4	6	73	65	11	10	2135	K 42 34 S	147 58 E	13,8	35,17										1
Y4	6	74	65	11	11	0815	K 42 35 S	148 04 E	13,1	35,10										1
Y4	6	75	65	11	11	1000	K 42 35 S	148 03 E	12,9	34,97										1
Y4	6	76	65	11	11	1010	K 42 35 S	148 02 E	13,4	35,01										1
Y4	6	77	65	11	11	1040	K 42 35 S	148 00 E	13,4	35,08										1
Y4	6	78	65	11	11	1111	K 42 36 S	147 57 E	13,6	35,10										1
Y4	6	79	65	11	11	1138	K 42 36 S	147 56 E	13,4	34,81										1
Y4	6	80	65	11	11	1200	K 42 36 S	147 56 E	13,7											1
Y4	7	81	65	11	17	2016	K 42 34 S	148 03 E	13,3	35,07										1
Y4	7	82	65	11	17	2055	K 42 34 S	148 01 E	13,2	35,07										1
Y4	7	83	65	11	17	2125	K 42 34 S	147 58 E	13,4	35,10										1
Y4	7	84	65	11	18	0705	K 42 35 S	148 04 E	13,0	35,08										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y4	7	85	65	11	18	0726	K 42	35 S 148	03 E 13.0	35.08										1
Y4	7	86	65	11	18	0918	K 42	35 S 148	02 E 13.3	35.07										1
Y4	7	87	65	11	18	0955	K 42	35 S 148	00 E 13.3	35.03										1
Y4	7	88	65	11	18	1020	K 42	36 S 147	57 E 13.4	35.07										1
Y4	7	89	65	11	18	1228	K 42	36 S 147	56 E 13.4	35.07										1
Y4	7	90	65	11	18	1255	K 42	36 S 147	56 E 13.6	35.08										1
Y4	8	91	65	11	24	2036	K 42	34 S 148	03 E 13.2	35.07										1
Y4	8	92	65	11	24	2105	K 42	34 S 148	01 E 14.0	35.10										1
Y4	8	93	65	11	24	2140	K 42	33 S 147	58 E 13.9	35.12										1
Y4	8	94	65	11	25	0812	K 42	35 S 148	04 E 12.7	35.05										1
Y4	8	95	65	11	25	0844	K 42	35 S 148	03 E 12.9	35.05										1
Y4	8	96	65	11	25	1105	K 42	35 S 148	02 E 14.1	35.07										1
Y4	8	97	65	11	25	1138	K 42	36 S 148	00 E 14.2	35.08										1
Y4	8	98	65	11	25	1209	K 42	36 S 147	58 E 14.2	35.07										1
Y4	8	99	65	11	25	1231	K 42	36 S 147	56 E 14.6	35.08										1
Y4	8	100	65	11	25	1255	K 42	36 S 147	56 E 14.9	35.12										1
Y4	9	101	65	12	3	1135	K 42	35 S 148	04 E 15.1	35.10										1
Y4	9	102	65	12	3	1355	K 42	35 S 148	03 E 16.6	34.25										1
Y4	9	103	65	12	3	1420	K 42	35 S 148	02 E 15.0	35.03										1
Y4	9	104	65	12	3	1455	K 42	36 S 148	00 E 15.0	35.03										1
Y4	9	105	65	12	3	1535	K 42	36 S 147	58 E 15.7											1
Y4	9	106	65	12	3	1555	K 42	36 S 147	56 E 16.3											1
Y4	9	107	65	12	3	1622	K 42	36 S 147	56 E 15.8	34.16										1
Y4	9	108	65	12	3	2055	K 42	35 S 148	03 E 15.4	34.88										1
Y4	10	111	65	12	8	2107	K 42	34 S 148	03 E 15.6	35.07										1
Y4	10	112	65	12	8	2140	K 42	34 S 148	01 E 15.1	35.07										1
Y4	10	113	65	12	8	2215	K 42	33 S 147	58 E 14.8	35.16										1
Y4	10	114	65	12	9	0645	K 42	36 S 147	56 E 15.3											1
Y4	10	115	65	12	9	0705	K 42	36 S 147	56 E 14.8											1
Y4	10	116	65	12	9	0922	K 42	36 S 147	58 E 15.6	34.49										1
Y4	10	117	65	12	9	1004	K 42	36 S 148	00 E 15.6	34.85										1
Y4	10	118	65	12	9	1041	K 42	35 S 148	02 E 15.8	35.07										1
Y4	10	119	65	12	9	1300	K 42	35 S 148	04 E 15.9											1
Y4	10	120	65	12	9	1338	K 42	35 S 148	03 E 16.2	35.05										1
Y4	11	121	65	12	14	2055	K 42	34 S 148	03 E 15.3	34.97										1
Y4	11	122	65	12	14	2135	K 42	34 S 148	01 E 15.3	35.01										1
Y4	11	123	65	12	14	2205	K 42	33 S 147	58 E 15.4	34.97										1
Y4	11	124	65	12	15	0710	K 42	35 S 148	04 E 15.0	35.14										1
Y4	11	125	65	12	15	0735	K 42	35 S 148	03 E 15.1	35.07										1
Y4	11	126	65	12	15	0945	K 42	35 S 148	02 E 14.7	35.03										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y4	11	127	65	12	15	1025	K 42 36 S	148 00 E	14,4	35,05										1
Y4	11	128	65	12	15	1054	K 42 36 S	147 58 E	14,5	35,14										1
Y4	11	129	65	12	15	1125	K 42 36 S	147 56 E	14,3	35,01										1
Y4	11	130	65	12	15	1154	K 42 36 S	147 56 E	15,0	35,03										1
Y4	12	131	65	12	22	2051	K 42 34 S	148 03 E	15,6	35,16										1
Y4	12	132	65	12	22	2128	K 42 34 S	148 01 E	14,9	35,08										1
Y4	12	133	65	12	22	2200	K 42 33 S	147 58 E	16,6	35,07										1
Y4	12	134	65	12	23	0855	K 42 35 S	148 04 E	15,6	35,16										1
Y4	12	135	65	12	23	0930	K 42 35 S	148 03 E	16,0	35,10										1
Y4	12	136	65	12	23	1040	K 42 35 S	148 02 E	15,8	35,46										1
Y4	12	137	65	12	23	1112	K 42 36 S	148 00 E	15,8											1
Y4	12	138	65	12	23	1142	K 42 36 S	147 58 E	15,9	35,16										1
Y4	12	139	65	12	23	1207	K 42 36 S	147 56 E	16,3	35,16										1
Y4	12	140	65	12	23	1227	K 42 36 S	147 56 E	16,3	35,28										1
Y4	13	141	65	12	29	2112	K 42 34 S	148 03 E	14,9	35,25										1
Y4	13	142	65	12	29	2145	K 42 34 S	148 01 E	15,1	35,16										1
Y4	13	143	65	12	29	2222	K 42 33 S	147 58 E	15,4	35,17										1
Y4	13	144	65	12	30	0715	K 42 35 S	148 04 E	14,8	35,14										1
Y4	13	145	65	12	30	0736	K 42 35 S	148 03 E	14,6	35,10										1
Y4	13	146	65	12	30	0935	K 42 35 S	148 02 E	14,9	35,12										1
Y4	13	147	65	12	30	1009	K 42 36 S	148 00 E	15,3	35,10										1
Y4	13	148	65	12	30	1032	K 42 36 S	147 58 E	15,6	35,19										1
Y4	13	149	65	12	30	1056	K 42 36 S	147 56 E	15,7	35,16										1
Y4	13	150	65	12	30	1117	K 42 36 S	147 56 E	15,7	35,12										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y5			65	10	12	0900	34 3 S	151 27 E	18.4											1
Y5			65	10	12	1015	34 3 S	151 27 E	18.4											1
Y5			65	10	12	1215	34 3 S	151 21 E	18.5											1
Y5			65	10	12	1515	34 3 S	151 15 E	18.1											1
Y5			65	10	13		37 3 S	149 57 E	15.3											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y6	7		65	11	15	0715	37 3 S	149 57 E	16.1											1
Y6	7		65	11	15	0740	37 3 S	150 9 E	15.9											1
Y6	7		65	11	15	0800	37 3 S	150 9 E	15.6											1
Y6	7		65	11	15	0830	37 3 S	150 15 E	15.9											1
Y6	7		65	11	15	0850	37 3 S	150 15 E	16.2	35.52										1
Y6	7		65	11	15	0855	37 3 S	150 15 E	16.8	35.52										1
Y6	7		65	11	15	0858	37 3 S	150 15 E	17.0											1
Y6	7		65	11	15	0900	37 3 S	150 15 E	17.1											1
Y6	7		65	11	15	0925	37 3 S	150 21 E	18.8											1
Y6	7		65	11	15	0950	37 9 S	150 21 E	18.8											1
Y6	7		65	11	15	1020	37 9 S	150 21 E	18.3											1
Y6	7		65	11	15	1030	37 15 S	150 21 E	18.1											1
Y6	7		65	11	15	1100	37 15 S	150 21 E	18.9											1
Y6	7		65	11	15	1130	37 15 S	150 21 E	18.9											1
Y6	7		65	11	15	1200	37 9 S	150 21 E	19.1	35.66										1
Y6	7		65	11	15	1230	37 9 S	150 21 E	18.9											1
Y6	7		65	11	15	1300	37 3 S	150 21 E	18.9											1
Y6	7		65	11	15	1400	36 57 S	150 21 E	18.5											1
Y6	7		65	11	15	1420	36 57 S	150 21 E	18.5											1
Y6	7		65	11	15	1500	36 57 S	150 21 E	18.7	35.59										1
Y6	7		65	11	15	1600	36 57 S	150 15 E	17.8											1
Y6	7		65	11	15	1700	37 3 S	150 9 E	16.2											1
Y6	7		65	11	15	1730	37 3 S	149 57 E	16.7											1
Y6	9		65	11	16	0600	37 3 S	149 57 E	15.8	35.34										1
Y6	9		65	11	16	0710	36 57 S	150 9 E	18.1											1
Y6	9		65	11	16	0800	36 51 S	150 15 E	18.3											1
Y6	9		65	11	16	0820	36 51 S	150 15 E	18.4											1
Y6	9		65	11	16	0850	36 45 S	150 15 E	18.4											1
Y6	9		65	11	16	0900	36 45 S	150 15 E	18.4	35.59										1
Y6	9		65	11	16	1000	36 39 S	150 15 E	18.3											1
Y6	9		65	11	16	1100	36 33 S	150 21 E	18.1											1
Y6	9		65	11	16	1120	36 33 S	150 15 E	17.3											1
Y6	9		65	11	16	1200	36 39 S	150 15 E	18.2	35.64										1
Y6	11		65	11	19	0500	36 57 S	150 15 E	16.6											1
Y6	11		65	11	19	0530	36 57 S	150 15 E	16.7											1
Y6	11		65	11	19	0550	36 51 S	150 21 E	16.4											1
Y6	11		65	11	19	0605	36 51 S	150 21 E	17.6											1
Y6	11		65	11	19	0635	36 51 S	150 21 E	18.3											1
Y6	11		65	11	19	0700	36 45 S	150 21 E	18.2											1
Y6	11		65	11	19	0703	36 45 S	150 21 E	18.2	35.61										1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y6	11	65	11	19	0730	36 45 S	150 21 E	18.2												1
Y6	11	65	11	19	0800	36 39 S	150 27 E	18.5												1
Y6	11	65	11	19	0830	36 33 S	150 27 E	18.4												1
Y6	11	65	11	19	0900	36 27 S	150 27 E	18.2	35.59											1
Y6	11	65	11	19	0916	36 27 S	150 27 E	18.1												1
Y6	11	65	11	19	0930	36 27 S	150 27 E	18.2												1
Y6	11	65	11	19	1000	36 39 S	150 27 E	18.2												1
Y6	11	65	11	19	1030	36 33 S	150 27 E	18.3												1
Y6	11	65	11	19	1050	36 33 S	150 27 E	18.6												1
Y6	11	65	11	19	1110	36 33 S	150 27 E	18.7												1
Y6	11	65	11	19	1126	36 39 S	150 27 E	18.7												1
Y6	11	65	11	19	1200	36 33 S	150 27 E	18.7	35.64											1
Y6	11	65	11	19	1300	36 27 S	150 27 E	18.7												1
Y6	11	65	11	19	1330	36 27 S	150 27 E	18.5												1
Y6	11	65	11	19	1400	36 21 S	150 27 E	18.7												1
Y6	11	65	11	19	1430	36 21 S	150 27 E	18.6												1
Y6	11	65	11	19	1500	36 27 S	150 21 E	18.2	35.62											1
Y6	11	65	11	19	1530	36 21 S	150 27 E	18.2												1
Y6	11	65	11	19	1606	36 21 S	150 21 E	18.8												1
Y6	11	65	11	19	1630	36 21 S	150 21 E	18.6												1
Y6	11	65	11	19	1700	36 15 S	150 21 E	18.6												1
Y6	11	65	11	19	1730	36 15 S	150 15 E	18.3												1
Y6	11	65	11	20	0635	36 15 S	150 15 E	17.9												1
Y6	11	65	11	20	0700	36 15 S	150 15 E	17.9												1
Y6	11	65	11	20	0730	36 15 S	150 21 E	18.1												1
Y6	11	65	11	20	0800	36 15 S	150 21 E	18.2												1
Y6	11	65	11	20	0830	36 15 S	150 27 E	18.2												1
Y6	11	65	11	20	0900	36 15 S	150 27 E	18.2	35.64											1
Y6	11	65	11	20	0930	36 21 S	150 27 E	18.2												1
Y6	11	65	11	20	1000	36 21 S	150 27 E	18.2												1
Y6	11	65	11	20	1035	36 21 S	150 27 E	18.3												1
Y6	11	65	11	20	1100	36 21 S	150 21 E	18.3												1
Y6	11	65	11	20	1113	36 21 S	150 21 E	18.4												1
Y6	11	65	11	20	1130	36 21 S	150 21 E	18.4												1
Y6	11	65	11	20	1200	36 27 S	150 21 E	18.4	35.66											1
Y6	11	65	11	20	1230	36 33 S	150 21 E	18.4												1
Y6	11	65	11	20	1300	36 39 S	150 21 E	18.4	35.61											1
Y6	11	65	11	20	1400	36 45 S	150 15 E	18.3												1
Y6	11	65	11	20	1500	36 33 S	150 9 E	17.1	35.50											1
Y6	11	65	11	20	1600	37 3 S	149 57 E	16.6												1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y6	12		65	11	22	0500	37 3 S	150 3 E	15.7											1
Y6	12		65	11	22	0530	36 57 S	150 9 E	16.7											1
Y6	12		65	11	22	0600	36 57 S	150 15 E	17.7	35.59										1
Y6	12		65	11	22	0700	36 57 S	150 9 E	16.6											1
Y6	12		65	11	22	0800	36 57 S	150 9 E	16.6											1
Y6	12		65	11	22	0900	36 51 S	150 15 E	18.1	35.61										1
Y6	12		65	11	22	0930	36 45 S	150 21 E	18.1											1
Y6	12		65	11	22	0957	36 45 S	150 21 E	18.2											1
Y6	12		65	11	22	1030	36 51 S	150 21 E	18.2											1
Y6	12		65	11	22	1100	37 3 S	150 21 E	18.2											1
Y6	12		65	11	22	1200	37 3 S	150 21 E	18.1	35.61										1
Y6	12		65	11	22	1300	37 15 S	150 21 E	18.2											1
Y6	12		65	11	22	1400	37 15 S	150 15 E	18.1											1
Y6	12		65	11	22	1500	37 15 S	150 9 E	17.2	35.55										1
Y6	12		65	11	22	1600	37 3 S	150 3 E	15.7											1
Y6	14		65	11	26	0600	37 3 S	149 57 E	15.9	35.25										1
Y6	14		65	11	26	0630	36 57 S	150 3 E	15.1											1
Y6	14		65	11	26	0700	36 57 S	150 9 E	15.1											1
Y6	14		65	11	26	0705	36 57 S	150 9 E	16.0	35.41										1
Y6	14		65	11	26	0716	36 57 S	150 9 E	16.4	35.46										1
Y6	14		65	11	26	0719	36 57 S	150 9 E	17.0	35.50										1
Y6	14		65	11	26	0730	36 51 S	150 9 E	17.3											1
Y6	14		65	11	26	0800	36 51 S	150 15 E	17.7											1
Y6	14		65	11	26	0830	36 51 S	150 21 E	17.7											1
Y6	14		65	11	26	0900	36 45 S	150 21 E	17.7	35.62										1
Y6	14		65	11	26	0930	36 45 S	150 21 E	17.7											1
Y6	14		65	11	26	1000	36 39 S	150 21 E	17.4											1
Y6	14		65	11	26	1015	36 39 S	150 27 E	16.9											1
Y6	14		65	11	26	1023	36 39 S	150 27 E	17.2											1
Y6	14		65	11	26	1050	36 39 S	150 27 E	17.5											1
Y6	14		65	11	26	1115	36 39 S	150 33 E	17.7											1
Y6	14		65	11	26	1125	36 39 S	150 33 E	18.1											1
Y6	14		65	11	26	1150	36 45 S	150 33 E	18.3											1
Y6	14		65	11	26	1200	36 45 S	150 33 E	18.4	35.59										1
Y6	14		65	11	26	1230	36 45 S	150 33 E	18.3											1
Y6	14		65	11	26	1255	36 51 S	150 33 E	18.8											1
Y6	14		65	11	26	1300	36 51 S	150 33 E	18.6											1
Y6	14		65	11	26	1315	36 51 S	150 27 E	18.6											1
Y6	14		65	11	26	1336	36 51 S	150 27 E	18.2											1
Y6	14		65	11	26	1400	36 45 S	150 21 E	17.7											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y6	14		65	11	26	1430	36 45 S	150 21 E	18.0											1
Y6	14		65	11	26	1440	36 45 S	150 21 E	18.1											1
Y6	14		65	11	26	1500	36 45 S	150 15 E	18.2	35.59										1
Y6	14		65	11	26	1530	36 51 S	150 15 E	18.1											1
Y6	14		65	11	26	1600	36 51 S	150 15 E	18.1											1
Y6	14		65	11	26	1630	36 51 S	150 15 E	18.1											1
Y6	14		65	11	26	1700	36 57 S	150 9 E	17.6											1
Y6	14		65	11	26	1730	36 57 S	150 3 E	17.1											1
Y6	14		65	11	26	1800	37 3 S	150 3 E	15.8											1
Y6	17		65	11	29	0700	37 3 S	150 3 E	16.6											1
Y6	21		65	12	15	0700	37 3 S	150 3 E	17.9											1
Y6	21		65	12	15	0730	37 3 S	150 3 E	18.8											1
Y6	21		65	12	15	0800	37 3 S	150 9 E	19.4											1
Y6	21		65	12	15	0845	37 3 S	150 15 E	19.2	35.77										1
Y6	21		65	12	15	0900	37 3 S	150 21 E	18.8											1
Y6	21		65	12	15	0915	37 3 S	150 21 E	18.7											1
Y6	21		65	12	15	0935	37 3 S	150 21 E	18.7											1
Y6	21		65	12	15	1000	37 3 S	150 21 E	18.7											1
Y6	21		65	12	15	1100	37 3 S	150 15 E	19.1											1
Y6	23		65	12	17	0600	37 9 S	150 3 E	18.8	35.53										1
Y6	23		65	12	17	0630	37 9 S	150 9 E	17.7											1
Y6	23		65	12	17	0700	37 9 S	150 9 E	18.3											1
Y6	23		65	12	17	0900	37 3 S	150 9 E	18.4											1
Y6	23		65	12	17	0930	37 3 S	150 9 E	18.1											1
Y6	23		65	12	17	0945	37 3 S	150 15 E	17.7	35.46										1
Y6	23		65	12	17	0953	37 3 S	150 15 E	19.1	35.61										1
Y6	23		65	12	17	1000	37 3 S	150 15 E	19.5											1
Y6	23		65	12	17	1030	37 3 S	150 21 E	19.7											1
Y6	23		65	12	17	1100	37 3 S	150 21 E	19.9											1
Y6	23		65	12	17	1132	36 57 S	150 21 E	20.1	35.66										1
Y6	23		65	12	17	1200	36 57 S	150 21 E	20.2	35.59										1
Y6	23		65	12	17	1225	36 51 S	150 21 E	20.3											1
Y6	23		65	12	17	1240	36 51 S	150 21 E	20.1	35.66										1
Y6	23		65	12	17	1310	36 45 S	150 21 E	20.6	34.67										1
Y6	23		65	12	17	1445	36 45 S	150 21 E	20.4	35.64										1
Y6	23		65	12	17	1520	36 45 S	150 21 E	20.4	35.59										1
Y6	23		65	12	17	1600	36 45 S	150 21 E	20.4											1
Y6	23		65	12	17	1700	36 51 S	150 21 E	20.4											1
Y6	23		65	12	17	1730	36 51 S	150 21 E	20.3											1
Y6	23		65	12	17	1900	36 57 S	150 9 E	18.8											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y6	25	65	12	18	0700	37 3 S	149 57 E	17.7												1
Y6	26	65	12	24	0900	36 57 S	150 3 E	17.7	35.41											1
Y6	26	65	12	24	1000	36 57 S	150 15 E	19.3												1
Y6	26	65	12	24	1030	36 57 S	150 15 E	19.8												1
Y6	26	65	12	24	1100	36 51 S	150 15 E	19.8												1
Y6	26	65	12	24	1130	36 51 S	150 15 E	19.8												1
Y6	26	65	12	24	1200	36 51 S	150 15 E	19.8												1
Y6	31	65	12	27	0700	37 3 S	150 3 E	19.1												1
Y6	31	65	12	27	0725	36 57 S	150 3 E	19.4												1
Y6	31	65	12	27	0800	36 57 S	150 9 E	19.5												1
Y6	31	65	12	27	0830	36 57 S	150 15 E	19.9												1
Y6	31	65	12	27	0900	36 57 S	150 15 E	20.2	35.66											1
Y6	31	65	12	27	0910	36 51 S	150 15 E	20.1												1
Y6	31	65	12	27	0930	36 51 S	150 15 E	20.0												1
Y6	31	65	12	27	1000	36 45 S	150 15 E	20.3												1
Y6	31	65	12	27	1030	36 45 S	150 15 E	20.3												1
Y6	31	65	12	27	1100	36 51 S	150 15 E	20.2												1
Y6	31	65	12	27	1130	36 57 S	150 15 E	20.3												1
Y6	31	65	12	27	1200	36 57 S	150 15 E	20.4	35.70											1
Y6	31	65	12	27	1230	36 51 S	150 15 E	20.3												1
Y6	31	65	12	27	1300	36 51 S	150 21 E	20.4												1
Y6	31	65	12	27	1400	36 45 S	150 21 E	20.3												1
Y6	31	65	12	27	1430	36 39 S	150 15 E	20.4												1
Y6	31	65	12	27	1500	36 39 S	150 15 E	20.4	35.68											1
Y6	31	65	12	27	1530	36 45 S	150 15 E	20.4												1
Y6	31	65	12	27	1600	36 51 S	150 15 E	20.3												1
Y6	31	65	12	27	1630	36 51 S	150 15 E	20.3												1
Y6	31	65	12	27	1700	36 57 S	150 9 E	19.9												1
Y6	31	65	12	27	1730	37 3 S	150 3 E	19.2												1
Y6	32	65	12	28	0800	37 3 S	150 3 E	19.2												1
Y6	32	65	12	28	0830	37 3 S	150 3 E	19.7												1
Y6	32	65	12	28	0900	37 3 S	150 9 E	19.9	35.62											1
Y6	32	65	12	28	0930	37 9 S	150 9 E	20.0												1
Y6	32	65	12	28	1000	37 15 S	150 15 E	20.4												1
Y6	32	65	12	28	1030	37 15 S	150 15 E	20.5												1
Y6	32	65	12	28	1100	37 21 S	150 15 E	20.3												1
Y6	32	65	12	28	1130	37 21 S	150 15 E	20.3												1
Y6	32	65	12	28	1200	37 21 S	150 15 E	20.4	35.75											1
X6	32	65	12	28	1230	37 15 S	150 15 E	20.6												1
Y6	32	65	12	28	1300	37 15 S	150 15 E	20.9												1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y6	32		65	12	28	1330	37 9 S	150 15 E	20.8											1
Y6	32		65	12	28	1400	37 3 S	150 15 E	20.6											1
Y6	32		65	12	28	1500	37 3 S	150 9 E	20.9	35.68										1
Y6	32		65	12	28	1600	36 57 S	150 3 E	20.6											1

VESSEL	CRUISE	STATION NUMBER	YR.	MTH.	DAY	TIME	LATITUDE	LONGITUDE	TEMP.	SALINITY	WIND DN.	WIND AMT.	SEA DN.	SEA AMT.	SWELL DN.	SWELL AMT.	WEA.	VIS.	BAROM.	SAMPLING METHOD
Y7	15		65	3	25	0700	35 15 S	135 39 E	18.2											1
Y7	15		65	3	25	0900	35 15 S	135 39 E	18.2											1
Y7	15		65	3	25	1100	35 15 S	135 39 E	18.7											1
Y7	15		65	3	25	1300	35 15 S	135 39 E	19.0											1
Y7	15		65	3	25	1600	35 15 S	135 39 E	19.0											1
Y7	15		65	3	25	1800	35 9 S	135 39 E	18.9											1
Y7	15		65	3	26	0600	35 15 S	135 39 E	18.1											1
Y7	15		65	3	26	0800	35 15 S	135 39 E	18.2											1
Y7	15		65	3	26	0900	35 15 S	135 39 E	18.5											1
Y7	15		65	3	26	1000	35 15 S	135 39 E	19.0											1
Y7	15		65	3	26	1100	35 9 S	135 45 E	18.5											1
Y7	15		65	3	26	1200	34 57 S	135 45 E	19.0											1
Y7	15		65	3	26	1300	34 57 S	135 45 E	19.1											1
Y7	15		65	3	26	1500	34 57 S	135 45 E	19.3											1
Y7	15		65	3	26	1600	34 57 S	135 45 E	19.1											1

OCEANOGRAPHICAL STATION LISTS

1. Hydrological and planktological observations by F.R.V. *Warreen* in south-eastern Australian waters, 1938–39
2. Hydrological and planktological observations by F.R.V. *Warreen* in south-eastern Australian waters, 1940–42
3. Hydrological and planktological observations by F.R.V. *Warreen* in south-western Australian waters, 1947–50
4. Onshore hydrological investigations in eastern Australia, 1942–50
5. Estuarine hydrological investigations in eastern Australia, 1940–50. Queensland: Nerang and Coomera Rivers, Moreton Bay and Brisbane River, Logan River, Dunwich Oyster Lease; New South Wales: Richmond River, Clarence River, Macleay River, Hastings River, Manning River, Port Stephens, Tilligerry Creek, Hawkesbury River
6. Estuarine hydrological investigations in eastern Australia, 1940–50. New South Wales: Middle Harbour and Port Jackson, Georges River–Botany Bay
7. Estuarine hydrological investigations in eastern Australia, 1940–50. New South Wales: Port Hacking, Lake Illawarra, Shoalhaven River, Jervis Bay, Clyde River, Moruya River, Tuross River, Wagonga Inlet; Victoria: Port Phillip; Tasmania: Tamar River, Derwent River, Huon River, D'Entrecasteaux Channel, Pittwater, Lake Dobson (freshwater), Penna Dam (freshwater)
8. Hydrological investigations in south-western Australia, 1944–50
9. Records of twenty-four hourly hydrological observations at selected stations in eastern Australian estuarine systems, 1942–50. Queensland: Logan River; New South Wales: Richmond River, Clarence River, Macleay River, Hastings River, Manning River, Port Stephens, Hawkesbury River, Georges River, Port Hacking, Clyde River, Tuross River; Tasmania: Tamar River, Derwent River
10. Records of twenty-four hourly hydrological observations at Shell Point, Georges River, New South Wales, 1942–50
11. Analyses of bottom deposits in eastern Australia, 1946–50
12. Estuarine hydrological investigations in eastern and south-western Australia, 1951
13. Analysis of bottom deposits in eastern and south-western Australia, 1951 and records of twenty-four hourly hydrological observations at selected stations in eastern Australian estuarine systems, *1951*
14. Onshore hydrological investigations in eastern and south-western Australia, 1951
15. Estuarine hydrological investigations in eastern and south-western Australia, 1952
16. Analysis of bottom deposits in eastern and south-western Australia, 1952 and records of twenty-four hourly hydrological observations at selected stations in eastern Australian estuarine systems, 1952
17. Onshore hydrological investigations in eastern and south-western Australia, 1952
18. Onshore hydrological investigations in eastern and south-western Australia, 1953
19. Onshore planktological investigations in eastern Australia, 1945–54
20. Surface sampling in the Tasman Sea, 1953
21. Estuarine hydrological investigations in eastern and south-western Australia, 1953
22. Further onshore planktological investigations in eastern Australia, 1945–54
23. Planktological investigations made by F.R.V. *Derwent Hunter* in eastern Australian waters, 1952–54
24. Onshore hydrological investigations in eastern and south-western Australia, 1954
25. Surface sampling in the Tasman Sea, 1954
26. Estuarine hydrological investigations in eastern and south-western Australia, 1954
27. Onshore and oceanic hydrological investigations in eastern and south-western Australia, 1955
28. Surface sampling in the Tasman and Coral Seas, 1955
29. Estuarine hydrological investigations in eastern and south-western Australia, 1955
30. Onshore and oceanic hydrological investigations in eastern and south-western Australia, 1956
31. Surface sampling in the Tasman and Coral Seas and the south-eastern Indian Ocean, 1956
32. Estuarine hydrological investigations in eastern and south-western Australia, 1956
33. Coastal hydrological investigations in eastern and south-western Australia, 1957
34. Coastal hydrological investigations at Port Hacking, New South Wales, 1957
35. Coastal hydrological investigations at Eden, New South Wales, 1957

OCEANOGRAPHICAL STATION LISTS

(Continued)

36. Surface sampling in the Tasman and Coral Seas, 1957
37. Hydrological investigations from F.R.V. *Derwent Hunter*, 1957
38. Coastal hydrological investigations in the New South Wales tuna fishing area, 1958
39. Surface sampling in the Coral and Tasman Seas, 1958
40. Coastal hydrological investigations in south-eastern Australia, 1958
41. Oceanic investigations in eastern Australian waters, F.R.V. *Derwent Hunter*, 1958
42. Coastal investigations at Port Hacking, New South Wales, 1958
43. Oceanic investigations in eastern Australia, H.M.A. Ships *Queenborough*, *Quickmatch*, and *Warrego*, 1958
44. Oceanic observations in Antarctic waters, M.V. *Magga Dan*, 1959
45. Coastal hydrological investigations in eastern Australia, 1959
46. Coastal hydrological investigations in the New South Wales tuna fishing area, 1959
47. Coastal investigations at Port Hacking, New South Wales, 1959
48. Oceanic investigations in eastern Australian waters, F.R.V. *Derwent Hunter*, 1959
49. Coastal hydrological sampling Rottnest Island, W.A., and Port Moresby, Papua, during the I.G.Y. (1957–58), and surface sampling in the Tasman and Coral Seas, 1959
50. Surface sampling in the Coral and Tasman Seas, 1960
51. Coastal hydrological investigations in eastern Australia, 1960
52. Coastal investigations at Port Hacking, New South Wales, 1960
53. Coastal hydrological investigations in the New South Wales tuna fishing area, 1960
54. Investigations by F.R.V. *Derwent Hunter* on the eastern Australian tuna grounds in 1961
55. Investigations by F.R.V. *Weerutta* on the South Australian tuna grounds in 1961
56. Investigations by F.R.V. *Marelda* on the eastern Australian tuna grounds in 1961
57. Investigations by F.V. *Estelle Star* in Western Australian waters in 1961
58. Temperature observations from Australian tuna fishing vessels in 1961
59. Investigations by F.R.V. *Derwent Hunter* on the eastern Australian tuna grounds in 1962
60. Investigations by F.R.V. *Investigator* on the South Australian tuna grounds in 1962
61. Investigations by F.R.V. *Marelda* on the eastern Australian tuna grounds in 1962
62. Investigations by F.V. *Estelle Star* in Western Australian waters in 1962
63. Temperature and salinity observations from Australian tuna fishing vessels in 1962
64. Investigations by F.R.V. *Investigator* on the South Australian tuna grounds in 1963
65. Investigations by F.R.V. *Marelda* on the eastern Australian tuna grounds in 1963
66. Temperature and salinity observations from Australian tuna fishing vessels in 1963
67. Investigations by F.R.V. *Investigator* on the South Australian tuna grounds in 1964
68. Investigations by F.R.V. *Marelda* on the eastern Australian tuna grounds in 1964
69. Temperature and salinity observations from Australian tuna fishing vessels in 1964
70. Investigations by F.R.V. *Investigator* on the South Australian tuna grounds in 1965
71. Investigations by F.V. *Estelle Star* in South Australian and New South Wales waters in 1965
72. Investigations by F.R.V. *Marelda* on the eastern Australian tuna grounds in 1965
73. Investigations by F.V. *Degei* in Queensland waters in 1965
74. Temperature and salinity observations from Australian tuna fishing vessels in 1965
75. Investigations by F.V. *Degei* in New South Wales, South, and Western Australian waters in 1966
76. Investigations by F.V. *Estelle Star* in South and Western Australian waters in 1966
77. Temperature and salinity observations from Australian tuna fishing vessels in 1966
78. Drift bottle releases and recoveries in Bass Strait and adjacent waters, 1958–1962
79. Drift bottle releases and recoveries in Western Australia, 1956–1957
80. Investigations by F.R.V. *Lancelin* in Western Australian waters in 1963