

VESSEL
ALPHA HELIX
INSTITUTE OF MARINE SCIENCE
UNIVERSITY OF ALASKA FAIRBANKS
SHIP BRIDGE LOG

CRUISE NUMBER
197
DATE
July 13, 1997
TIME ZONE
+ 8
FROM
Seawall
TO
Gulf of Alaska

LOCAL TIME	SHIP'S POSITION		TRUE COURSE	NAV SYS	DEPTH	REMARKS	STA. NO.	OCEANOGRAPHIC				STATION				DATA			
								STATION NAME	WAVE DIR.	HT. MTR.	PER SEC.	WIND DIR.	VEL.	BAROM. MBS.	WEATHER	WEATHER INFORMATION		VIS N.M.	DEPART. TIME
																DRY °C	WET °C		
0033	58° 16.72'	153° 54.40'	207°	GPS	236	SEA L/L GENA		Z2R12	Caln	-	-	V	V	1007		121			0040
0056	58° 16.24'	153° 57.19'		GPS	237	VAN VEEN "BEAMS OFF"		Z2R12	Caln	-	-	V	V	1007		123			0108
0118	58° 16.23'	153° 57.26'		GPS	285	VAN VEEN		Z2R12	Caln	-	-	V	V	1007		121			0128
0150	58° 16.33'	154° 02.14'		GPS	156	VAN VEEN		Z2R13	Caln	-	-	V	3	1007		126			0200
0205	58° 16.31'	154° 02.35'		GPS	152	VAN VEEN		Z2R13	Caln	-	-	V	3	1007		122			0220
0227	58° 16.22'	154° 02.15'		GPS	157	CTD Rosette	28	Z2R13	Caln	-	-	V	5	1007		122			0235
0240	58° 16.27'	154° 02.15'		GPS	157	CAMERA		Z2R13	Caln	-	-	V	6	1007		123			0254
0331	58° 16.56'	153° 52.00'		GPS	217	CTD Rosette	29	Z2R14	Caln	-	-	170	10	1007		121			0341
0347	58° 16.55'	153° 52.10'		GPS	216	VAN VEEN		Z2R14	Caln	5	5	205	9	1007		122			0356
0400	58° 16.47'	153° 52.31'		GPS	217	CAMERA		Z2R14	Caln	5	5	210	8	1007		122			0418
0432	58° 16.08	153° 55.07		GPS	265	Hauling L/L Green													
0545	ON WATER, PRR																		
0553	CRUISE ON DECK U/L FOR STA. Z2R15																		
0644	58° 18.87	153° 52.24		GPS	240	VAN VEEN		Z2R15	190	5		190	6	1007		11.4		2	
0701	58° 19.13	153° 52.16		GPS	240	CTD	30	Z2R15	190	5		190	6	1007		11.8		2	
0724	58° 19.01	153° 52.19		GPS	240	CAMERA		Z2R15	190	14		190	5	1007		11.6		2	
0800	58° 21.87	153° 51.77		GPS	237	CTD	31	Z2R22	000	3		130	4	1007		11.9		2	
0824	58° 21.71	153° 51.90		GPS	237	VAN VEEN		Z2R22	000	3		130	5	1007		12.1		2	
0842	58° 21.72	153° 51.83		GPS	237	CAMERA		Z2R22	000	3		130	5	1007		12.1		1	
0920	58° 21.75	153° 46.87		GPS	200	VAN VEEN		Z2R6	CONF	3		330	5	1008		11.9		1	
0931	58° 21.87	153° 46.79		GPS	200	CTD	32	Z2R6	CONF	5		180	11	1008		12.4		1	
REMARKS																			
																			MASTER

Paul Rob