

CTD/ROSETTE S. LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	418 38.86		123 30.92			
			1	newstr						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
18	6	93	zone	PDT	157 m		100 m			
			in water	1634						
			down							
			on deck	1643						

COMMENTS	
Test cast near sed trap #2 - pos'n in header wrong use one 5	

[illegible]

CTD/ROSETTE & CASTER LOG SHEET

CRUISE	STATION		LATITUDE	LONGITUDE	RECORDED BY
4317	no.	I.D.	44 00.01	125 59.99	JRF
	0004	J11			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
19	06	93	zone	1500	500	
			FDT			
			2900			
			in water			
			down			
			on deck			

COMMENTS CTD/ROSETTE 2 BONGOS
 file header says 93170005 - must rename for processing
 fluorometer data bad on up cast. battery discharged?

Transducer
 using old calib
 - changed in
 program for next
 cast.

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1		1003	✓													
350	2		1004	✓													
200	3		DISCARD 1005	✓													
150	4		1008	✓													
100	5		1009	✓													
75	6		1010	✓				NO	TRIP								
50	7		1011	✓		✓											
35	8			✓		✓											
20	9			✓		✓											
10	10			✓		✓											

↑
 DISCARD

CTD/ROSETTE S. LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	47°53.5		126°11.8			
			005	JO1						
DA MO YR			TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
19 06 93			zone	PDT			500m			
			in water	1046						
			down							
			on deck	1115						
COMMENTS										
fluor in data again bad on upcast. Relay many <u>Veella</u> in battery case fired.										

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	47 53.46 48 01.13	126 23.10	
		006	J02			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
19	06	93	zone		500	
			in water			
			down			
			on deck			

COMMENTS
Fixed fl batt problem

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1		1014	✓													
350	2		1016	✓													
200	3		1020	✓													
150	4		1022	✓													
100	5		1025	✓													
75	6		1026	✓													
50	7		1027	✓		✓											
35	8			✓		✓											
20	9			✓		✓											
10	10			✓		✓											

↑
SAVE

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE
9317

STATION	
no.	I.D.
008	JI3

LATITUDE
48 15.46

LONGITUDE
126 18.76

RECORDED BY
J.R.

DA	MO	YR
19	06	93

TIME	
zone	PAT
in water	1904
down	1916
on deck	1930

SOUNDER (m)
1283

CAST DEPTH (m)
500

DATA BACKUP DISK

COMMENTS

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1		1028	✓													
300	2		1029	✓													
200	3		1031	✓													
150	4		1032	✓													
100	5		1033	✓													
75	6		1035	✓													
50	7		1036	✓		✓			POC								
35	8			✓		✓											
20	9			✓		✓			POC								
10	10			✓		✓			POC								

↑
DISCARD

CTD/ROSETTE S. PLER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY		
93-17			no.	I.D.	48 08.90		126 30.79		BW		
			009	J03							
DA	MO	YR	TIME			SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
19	06	93	zone	FDT		1654		500			
			in water	2106							
			down	2119							
			on deck	2132							
			COMMENTS								
			CTD only - no bottles Salinity Loop Sample #1								

[illegible]

CTD/ROSETTE S. 1. LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	4815.11	126 40.25	BW
		010	AA = LC12			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
19	06	93	zone	1805	500	
			PDT			
			in water			
			down			
			on deck			

COMMENTS
CTD only - no bottles. Bongos. Salinity Loop Sample #2

[illegible]

CTD/ROSETTE SERIAL LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
93-17			no.	I.D.	48 36.45		125 54.04			
			11	B6/LC6						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
20	06	93	zone	P4.E	95		90			
			in water	0318						
			down							
			on deck	0323						

COMMENTS
La Penouse Salinity Loop Sample CTD only, no bottles Bongo 0-90m, Neuston

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	48 40.57		125 46.44		JRJ	
			012	LC05						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
20	06	93	zone	PDT						
			in water	0458						
			down							
			on deck	0504						

COMMENTS	
CTD BONGO NEUSTON	

[illegible]

[illegible]

CTD/ROSETTE S. LER LOG SHEET

CRUISE	STATION		LATITUDE	LONGITUDE	RECORDED BY
9317	no.	I.D.	48 23.1	126 28.0	JR7
	14	J04	48 16.51	126 40.34	
DA	MO	YR	TIME		DATA BACKUP DISK
20	6	93	zone	POT	
			in water	1040	
			down		
			on deck		
SOUNDER (m)					
2483					
CAST DEPTH (m)					
500					
COMMENTS					
* STATION ID IN FILES IS J14. NEEDS TO BE CHANGED TO J04.					

SAL Conductivity
taken offline ~
11:40 AM
JL
-back on quickly
Coaly brushed it

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1	✓	1039	✓													
350	2		1040	✓													
200	3		1042	✓													
150	4		1043	✓													
100	5		1045	✓													
75	6		1046	✓													
50	7		1047	✓		✓	✓		PDC								
30	8			✓		✓											
16	9			✓		✓			PDC								
10	10			✓		✓	✓		PDC								

↑
SAVE

[illegible]

CTD/ROSETTE S. LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
93-17			no.	I.D.	4831.126	12637.828	BB
			16	JI-5			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
20	06	93	zone	P.d.t.	514	506 m	
			in water	14:06			
			down				
			on deck	1433	COMMENTS		
			CTD/Rosette, Bongos-250-0, 50-0, Neuston				
			5% loop #7				

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1	✓	1054	✓													
350	2		1056	✓													
200	3		1057	✓													
150	4		1058	✓													
100	5		1060	✓													
75	6		1061	✓													
50	7		1062	✓		✓											
40	8			✓		✓											
20	9			✓		✓											
10	10			✓		✓											

Modified

↑
DISCARD

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	42 38.70		126 47.00		JRJ	
			17	J16						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
20	06	93	zone	PDT						
			in water	1703						
			down							
			on deck	1725						
					COMMENTS					
					CTA ONLY.					

[illegible]

CTD/ROSETTE SUNDLER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	48 32.1		126 58.8		JRJ	
			18	J08						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
20	6	93	zone	PST			500			
			in water	1830						
			down	1841						
			on deck	1855						
			COMMENTS							
			CTD ROSETTE, BONOS DUPLICATE GLASS NUTRIENT FOR 18-1							

[illegible]

CTD/ROSETTE SAMP. LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	48 39.89		127 08.54			
			19	J07						

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
20	6	92	zone	PDT		500	
			in water	2029			
			down				
			on deck	2050	COMMENTS		
					CTD only		

[illegible]

CTD/ROSETTE S... LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY		
9317			no.	I.D.	49 20.5		126 35.0		JRJ		
			21	LG01							
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK		
21	06	93	zone	PAT	55		50				
			in water	0425							
			down								
			on deck	0430							
			COMMENTS Not sure if thermometer readings for this cast or an earlier one								

[illegible]

DISCARD

CTD/ROSETTE S...LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	49 18.7	126 38.1	JRF.
		22	L902			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
21	6	93	zone	90	95	
			in water			
			down			
			on deck			

COMMENTS
CTD, RONGO

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
90	1	✓	1064	✓													
75	2		1065	✓													
50	3		1067	✓													
30	4		1068	✓													
20	5			✓													
10	6			✓		✓											
0	7			✓		✓											

SAVE

CTD/ROSETTE S... LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	49 15.0	126 43.7	JRF
			23	2403			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
21	6	93	zone	PRT	118	112	
			in water	0559			
			down				
			on deck	0606			
COMMENTS							
CTD ONLY							

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	49 11.3	126 49.4	JRZ
		24	LG04			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
21	6	93	zone	140	135	
			P.D.T.			
			in water			
			down			
			on deck			

COMMENTS
CTD / ROSETTE / BON60

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
135	1	✓	1072	✓							No temp reading						
100	2		1079	✓													
75	3		1080	✓													
50	4		1084	✓													
30	5		1086	✓													
20	6		1087	✓													
10	7			✓		✓											
0	8			✓		✓											

↑
DISCARD

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	49 07.4		126 55.3		JRT	
			25	L905						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
21	6	93	zone	POT	260		250			
			in water	0750						
			down	0800						
			on deck							

COMMENTS	
LTD ONLY	

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	49 03.5	127 01.2	JRF
		26	266			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
21	6	93	zone			
			PDT			
			in water			
			down			
			on deck			

COMMENTS
CTD / ROSETTE
BOTTLE 9 NOT TAGGED
APPROX. 6 m.
TAG 9 IS FOR BOTTLE 10

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1	✓	1090	✓						T446	4.942			T451 4.939			
200	2		1092	✓						4.944				4.942		4.944	
150	3		1095	✓										4.943			
100	4		1096	✓													
75	5		1097	✓													
50	6		1100	✓													
30	7		1101	✓													
20	8			✓													
10	9			✓													
0	10			✓		✓	✓										

SAVE

CTD/ROSETTE S. LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	48 46.5	126 56.5	JRF
		27	JI 7			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
21	6	93	zone	PDT	1385	500m.	
			in water	1055			
			down	1109			
			on deck	1124			

COMMENTS
LTD 2 BONGOS. THREE HYPACKS ~ 10 s AT 500m.

[illegible]

CTD/ROSETTE S. LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	48 54.1	127 06.05	
		28	J18			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
21	6	93	zone	PDT	1629	500 m	
			in water	1254			
			down				
			on deck				

COMMENTS
CTD only

[illegible]

CTD/ROSETTE S. PLER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.			
			9000	J18			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
			zone				
			in water				
			down				
			on deck				
COMMENTS							
* Calib sample at surface note file #							

Note renamed
files from 0099
to 9900.

Therm (middle)
T451 14.457
14.461

[illegible]

CTD/ROSETTE S. LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	48 47.5	123 17.7	JRY
		29	308			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
21	6	83	zone	1583	500	
			PDT			
			in water			
			down			
			on deck			

COMMENTS
Using O.P. trans #254 (new calibs entered)

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1		1102	✓						T446	4.845			T451	4.843		
350	2		1103	✓						4.847				T572	4.835		
200	3		1104	✓						4.846							
150	4		1105	✓						4.846							
100	5		1106	✓						4.846							
75	6		1107	✓													
50	7		1108	✓		✓											
40	8			✓		✓											
25	9			✓													
10	10			✓		✓											

SAVE

CTD/ROSETTE S... LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	48 47.33		127 17.86			
			30	J18						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
21	6	93	zone	PDT			500 m			
			in water	1751						
			down							
			on deck							

COMMENTS	
Comparison using O.P. CTD 58483	

[illegible]

CTD/ROSETTE S. LER LOG SHEET

CRUISE
9317

STATION	
no.	I.D.
31	JEI

LATITUDE
48 34.379

LONGITUDE
129 40.456

RECORDED BY

DA	MO	YR
21	6	93

TIME	
zone	PDT
in water	2044
down	
on deck	21

SOUNDER (m)
2500

CAST DEPTH (m)
500

DATA BACKUP DISK

COMMENTS

middle
T451 4938

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1	✓	1109	✓						T446		4.942		T572		4.931	
350	2		1110	✓						4.944							
200	3		1111	✓						4.941							
150	4		1112	✓						4.942							
100	5		1113	✓						4.942							
75	6		1114	✓													
50	7		1116	✓		✓	✓	✓									
35	8			✓		✓											
25	9			✓		✓		✓									
10	10			✓		✓		✓									

SAVE for
KOW

Very little
water
Phyto only

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	48 54.23	127 06.05	
			32	J18			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
22	6	93	zone	PDT	1633	500	
			in water	0050			
			down				
			on deck				
			COMMENTS				
			CTD only				

[illegible]

CTD/ROSETTE S. LER LOG SHEET

CRUISE
9317

STATION
no. 33 I.D. JI9

LATITUDE
49 01.84

LONGITUDE
127 15.34

RECORDED BY

DA MO YR
22 6 93

TIME
zone PDT
in water 0416
down
on deck 0447

SOUNDER (m)
1675

CAST DEPTH (m)
500m

DATA BACKUP DISK

COMMENTS
CTD/ROSETTE
CTD reads 4.648 @ 500m

m. delo

T451

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1	✓		✓						T446	4.791			T451 T572	4.790 4.790		
350	2			✓						4.793							
200	3			✓						4.793							
150	4			✓						4.789							
100	5			✓						4.792							
75	6			✓													
50	7			✓		✓			PLC								
36	8			✓		✓			PLC								
18	9			✓		✓											
8	10			✓		✓			PLC								

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9312			no.	I.D.	48 55 Z		127 23.1		JRF	
			34	J09						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
22	6	93	zone	PDT						
			in water	0620						
			down							
			on deck							
					COMMENTS LTD ONLY					

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE	STATION		LATITUDE	LONGITUDE	RECORDED BY
9317	no.	I.D.	49 48°02.9	127 36.5	JRF
	35	JO 10			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
22	6	93	zone PDT		500	
			in water			
			down			
			on deck			

COMMENTS
CTA, 2 BONSOS
CTD reads 4.712 @ 500m

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1	✓		✓						T446 4.837			T451 4.838	T572 4.830			
350	2			✓						4.839			4.841	4.841			
200	3			✓													
150	4			✓													
100	5			✓													
75	6			✓													
50	7			✓		✓			POC								
36	8			✓		✓			POC								
25	9			✓													
10	10			✓		✓			POC								

CTD/ROSETTE SINTER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	48 48.8	127 59.6	JRF.
		36	JE 2			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
22	6	93	zone	—	500	
			PDT			
			in water			
			1051			
			down			
			on deck			

COMMENTS
CTD, 2 BONGOS.
CTD = 4.42 @ 500m

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	# Corr.	Ser. #	Aux.	Main	Corr.
500	1	✓		✓						T446 4.605			T451 4.603	T572 4.593		#1 #2 #3	0.003 0.004 0.012
350	2			✓						4.607			4.606	4.603			
200	3			✓													
150	4			✓													
100	5			✓													
75	6			✓													
50	7			✓		✓	✓		POC/N								
36	8			✓		✓			POC/N								
20	9			✓		✓											
10	10			✓		✓	✓		POC/N								

CTD/ROSETTE S. ... LER LOG SHEET

CRUISE		STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317		no.	I.D.	18 49 06		127 59 07			
		37	JE2	as far →		JE2 (actual Lat + long not recorded)			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)		DATA BACKUP DISK	
22	6	93	zone	POT		300			
			in water	~1145					
			down						
			on deck						
COMMENTS									
SECOND CAST AT JE2 WITH LILOR IRRADIANCE SENSOR MOUNTED ON 322									

Using ctg
OE93176 - light
on channel 6

[illegible]

CTD/ROSETTE S... LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	4909.397	12724.674	BB + BL
			38	3110			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
22	06	93	zone	PDT	1745.	300	
			in water	15:06:05			
			down	15:06:30			
			on deck	15:19:20	COMMENTS		
			Cast to 300 m with light sensor - one salinity sample.				

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	4909.163		12725.224			
			39	3110						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
22	06	93	zone	POT	1945		500			
			in water	15:29:47						
			down	15:29:59						
			on deck	15:49:15						
			COMMENTS							

[illegible]

CTD/ROSETTE SPOOLER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	49 12.1		127 34.1		JRF	
			40	5E 11						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
22	6	93	zone	POT	1800		500			
			in water	1656						
			down							
			on deck							

COMMENTS									
CTD = 4.690 @ 500 m									

Therms not
reset? (see #36)

[illegible]

7

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE		STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317		no.	I.D.	49 41.34		127 37.04		BW	
		42	NEWSTN						

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
22	06	93	zone		600	250	
			in water	2149			
			down	2155			
			on deck	2159			

COMMENTS
CTD only + bongos -deployed 2nd drifter

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			LATITUDE		LONGITUDE		RECORDED BY	
9317			49 39.11		127 10.92		BW	
DA MO YR			SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
23 06 93			122		115 123			
TIME			COMMENTS					
zone			CTD only, newton + MOCNESS					
in water			- lots of phyto @ 15m					
down								
on deck								

[illegible]

CTD/ROSETTE S. LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	49 42.58	127 05.26	BW
			044	LJ02			

DA	MO	YR	TIME		SOUNDER (m)	CASST DEPTH (m)	DATA BACKUP DISK
23	06	93	zone	PDT	080	75	
			in water	0233			
			down	0235			
			on deck	0249			

COMMENTS
CTD, rosette, bongos.

Middle T451
8.318
= 8.322

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
75	1			✓						T446		8.320		T572		8.313	
50	2			✓						8.322				8.324			
25	3			✓		✓											
15	4			✓		✓											
9	5			✓		✓											
0	6			✓		✓											

O₂ ? CHECK FOR UNKNOWN BOTTLES

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	49 35.5		127 05.3		JRF	
			045	LJO4			16.9			
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
23	06	93	zone	PBT	166		150			
			in water	0412						
			down	0417						
			on deck							
			COMMENTS CTD, rose et al							

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	49 31.6	127 22	JRF
			46	L505			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
23	6	93	zone	PDT	1084	500	
			in water	0504			
			down	0515			
			on deck	0526			

COMMENTS
BONZO

[illegible]

CTD/ROSETTE S... LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	49 27.78		127 28.98		D Fm.	
			47	L506						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
23	6	93	zone	PDT	1100		500			
			in water	0626						
			down							
			on deck							

COMMENTS	
CTD / Rosette * CAST 47 DOWN CAST 48 UP CAST.	

[illegible]

CTD/ROSETTE S. J. LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
0317			no.	I.D.	49 10.37	127 45 84	
			48 49	J011			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
23	6	93	zone	PDT	25-25		
			in water	0842			
			down				
			on deck				
			COMMENTS				
			CTD ONLY				

[illegible]

5

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	4918.2		12755.3		J.R.F.	
			50	5012						

DA	MO	YR	TIME			SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
23	6	93	zone	PDR		2494		500			
			in water	1033							
			down	1050							
			on deck	1103							

COMMENTS	
CTD, BONGOS,	

[illegible]

CTD/ROSETTE SUNDLER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	49 04.81	128 19.08	
			51	JF3			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
23	6	93	zone	PDT	2500	500 m	
			in water	1333			
			down				
			on deck				

COMMENTS
No light sensor
O ₂ 1025 MAX HAVE SLIGHT AIR CONTAMINATION

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1	✓	1032							T572		4.400	T451	T451		4.407	
350	2		1035							4.411			4.410	4.411		4.409	
200	3		1036														
150	4		1052														
100	5		1054														
75	6																
50	7					✓	✓		POC								
25	8					✓			POC								
15	9					✓											
5	10	✓				✓	✓		POC								

CTD/ROSETTE S... LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY		
9317			no.	I.D.	149 04.73		128 13.51				
			52	JE3							
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK		
23	6	93	zone	PDT	2500		300				
			in water	144%							
			down								
			on deck								
			COMMENTS								
			CTD only - light sensor on - changed cable & sensor (to 227)								

- started moving off station

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	49°24.78		127°43.46		DLM	
			53	JI 12						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
23	6	93	zone	PDT	1833		500			
			in water	1755						
			down							
			on deck							

COMMENTS
CTD only, light sensor on

[illegible]

CTD/ROSETTE S. ... LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	49°	127°	JRF
			54	JI 12			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
23	6	93	zone	PDT	1833	500	
			in water				
			down				
			on deck				

COMMENTS
CTD only, light sensor removed

[illegible]

CTD/ROSETTE S. LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
93-17			no.	I.D.	49 32.5		127 529			
			055	JT-13						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
23	6	93	zone	PDT.	1723		500			
			in water	1939						
			down							
			on deck							
			COMMENTS							
			CTD / Rosette / Bongos.							

[illegible]

CTD/ROSETTE S. ... LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	49 25.785	128 04.587	
			56	J013			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
23	6	93	zone	PDT		500	
			in water	2150			
			down				
			on deck				

COMMENTS
CTD only

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	49 33.51	128 13.66	
			57	JO14			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
23	6	93	zone	PDT	2361	500	
			in water	2327			
			down	2339			
			on deck	2356			
			COMMENTS				
			CTD/R, Bongos				

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY		
9317			no.	I.D.	4940.04		128 01.97				
			58	JI-14							
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK		
24	06	93	zone	PDT			500				
			in water	0155							
			down	01							
			on deck	0220							
			COMMENTS CTD, Newton								

[illegible]

CTD/ROSETTE S... LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	~50 04.0	127° 54.2	
			59	LBPZ			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
24	6	93	zone		95m	85m	
			in water	0533			
			down on deck				
COMMENTS							
therms not reset							

[illegible]

CTD/ROSETTE S... LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	50°03.2		127°55.3			
			60	LBP3						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
24	06	93	zone	PDT						
			in water	0609						
			down							
			on deck	0617						

COMMENTS	
CTD only, labeled as LBP3 on sample	

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	5000.0	128 00.0	JRF
		61	LBP5			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
24	06	93	zone	1230	500	
			PDT			
			in water			
			down			
			on deck			

COMMENTS
CTD, Bongo-
File 61 down and up cast 1 bottles

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1			✓						T446 4.944			T451 4.943	T572 4.935			
200	2		1058	✓						4.946			4.946	4.946			
150	3		1060	✓													
100	4		1061	✓													
75	5		1062	✓													
50	6			✓	?												
30	7			✓													
20	8			✓		✓											
10	9			✓													
10	10			✓		✓											

50

CTD/ROSETTE SHELTER LOG SHEET

CRUISE		STATION		LATITUDE		LONGITUDE		RECORDED BY	
0E-93-17		no.	I.D.	49° 52.18'		128° 11.52'		S.R.	
		062	LBP7						

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
24	6	93	zone	PDT	2150	500	
			in water	0858			
			down				
			on deck				

COMMENTS	
CTD / Rosette. CTD: 4.827 @ 500 m #3 glass mstr. tube broken	

[illegible]

CTD/ROSETTE SPALLER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
0693-17		no.	I.D.	49 47.5	128 11.7	JRF
		063	JT-15			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
24	6	93	zone	2273	520	
			PDT			
			in water			
			down ~			
			on deck			
			0940			
			1020			
			1037			

COMMENTS	CTD T = ° @ 500m
CTD/Rosette/Bongos	

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1	/		✓						7446 4.802			7451 4.806	7572 4.728			
350	2			✓													
200	3			✓													
150	4			✓													
100	5			✓													
75	6			✓													
50	7			✓		✓	✓		POC								
30	8			✓		✓			POC								
18	9			✓		✓											
10	10			✓		✓	✓		POC								

CTD/ROSETTE SPINLER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	49 42.61		128 23.68			
			064							
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
24	06	93	zone	PDT			500			
			in water	1218						
			down							
			on deck							
			COMMENTS CTD only							

[illegible]

CTD/ROSETTE SHELTER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	49 48.35		128 33.1		DRY	
			65	J016						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
24	6	93	zone	PDT			500 m			
			in water	1351						
			down	1403	COMMENTS					
			on deck		CTD/R Bongo					

[illegible]

CTD/ROSETTE SUNDLER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	4A 48.4		128 21.1		JRF	
			66	JI-16						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
24	6	93	zone	P.D.T.			500			
			in water	1614						
			down							
			on deck		COMMENTS					
			CTD. 10 BUFFER OVERFLOW CRASHED PROGRAM							

LIGHT VOLTMETER
ERROR.
SEE 67

[illegible]

CTD/ROSETTE SHELTER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
4317			no.	I.D.	54.66 49 48.4		70.62 128 21.1		JRF	
			67	JL16						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
24	6	93	zone	POT			500			
			in water	1636						
			down							
			on deck							
			COMMENTS							
			RE-LAST OF 66. CTD + NEUSTON TOW. NO SURFACE							

[illegible]

CTD/ROSETTE SMALLER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY		
9317			no.	I.D.	5002.5		128 30.5		JRF		
			68	J117							
DA MO YR			TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK		
24 6 93			zone	PDR			500				
			in water	1824							
			down								
			on deck								
			COMMENTS								
			CTD, BONZOS, NEUSTON								

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	49 55.64		128 42.74			
			69	J017						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
24	06	93	zone	PDT			500			
			in water	2035						
			down							
			on deck							
COMMENTS										
CTD only										
light meter reconnected (not logging - check polar may be different from he										

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	50 03.44		128 51.64			
			70	3018						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
24	06	93	zone	PDT	2000		500			
			in water	2208						
			down	22						
			on deck	2236						
			COMMENTS CTD/R, Bongos							

[illegible]

CTD/ROSETTE SPOOLER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	50 10.03		128 40.33		ply	
			72	JII/8						
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
25	6	93	zone	PDT			500			
			in water	0333						
			down	0347						
			on deck							
			COMMENTS							
			CTTD only @ Bioness/Mocness site - Station name in file is wrong							

[illegible]

CTD/ROSETTE SAMPLELER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
0E-93-17			no.	I.D.	50 17.5		128 49.4		JRF	
			73	JF-19						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
25	6	93	zone	PDT	1984		500		T° = 4:27.4°C	
			in water	0501						
			down	0514						
			on deck							

COMMENTS	
CTD / Rose / Bongo / New Van	

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	50 10.9	129 01.2	JRF
			74	J019			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
25	6	93	zone	PDT		500	
			in water	0712			
			down				
			on deck		COMMENTS CTD ONLY.		

[illegible]

CTD/ROSETTE SOUNDER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	50° 25.00	128° 58.8	SR
		75	J020			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)
25	06	93	zone	PDT	2161	500
			in water	0841		
			down			
			on deck			
COMMENTS						
CTD, BOMOS - 1st STD in file is wrong						

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1			✓						7446 4.390			7451 4.388	7522 4.380			
350	2			✓													
200	3			✓													
150	4			✓													
100	5			✓													
75	6			✓													
50	7			✓		✓	✓		POL								
35	8			✓		✓			POL								
20	9			✓		✓											
10	10			✓		✓	✓		POL								

Bottle T.

✓

✓

✓

✓

✓

✓

✓

✓

✓

CTD/ROSETTE SHELTER LOG SHEET

CRUISE
9317

STATION	
no.	I.D.
76	JL20

LATITUDE
50 25.0

LONGITUDE
128 58.8

RECORDED BY
JRF

DA	MO	YR
25	6	93

TIME	
zone	PDT
in water	1023
down	
on deck	1051

SOUNDER (m)

CAST DEPTH (m)
500

DATA BACKUP DISK

COMMENTS
CTD, NEUSTOM

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1			✓						7446 4.989			7451 4.988	7572 4.982			
350	2			✓													
200	3			✓													
150	4			✓													
100	5			✓													
75	6			✓													
50	7			✓		✓	✓		POC								
35	8			✓		✓	✓		POC								
17	9			✓		✓	✓		POC								
10	10			✓		✓	✓		POC								

CTD/ROSETTE SHOOTER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	50.10.06	128.40.00	
			78	J118			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
25	6	93	zone	PDT			
			in water	1553			
			down	1606			
			on deck				

COMMENTS
CTD only - Bioass (daylight) site

[illegible]

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	19 20.6	127 06.4	
		79	NEUSTON			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
25	6	93	zone	SDT	159	150	
			in water	2352			
			down				
			on deck				

COMMENTS
Site of drifter #37 pick-up CTD, neuston 19, bongo.

[illegible]

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	49 19.64	126 5126	
			80	NEWSN			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
26	6	93	zone	PDT	135 m	127 m	
			in water	0152			
			down				
			on deck				
COMMENTS							
CTD after drifter #136 recovery + Bouge - recorded upcast to get surface							

Calib taken
slow profile

[illegible]

CTD/ROSETTE S. ... LER LOG SHEET

CRUISE			LATITUDE		LONGITUDE		RECORDED BY	
			no.		I.D.			
			81					

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK	
26	6	93	zone					
			in water					
			down					
			on deck					

COMMENTS
51ed tow only

[illegible]

CTD/ROSETTE SNAI LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
			no.	I.D.						
			82							
DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
26	6	93	zone							
			in water							
			down							
			on deck							
			COMMENTS							
			Sled tow only							

[illegible]

CTD/ROSETTE SPLINER LOG SHEET

CRUISE
OE937

STATION	
no.	I.D.
83	LD4

LATITUDE
48

LONGITUDE
125

RECORDED BY

DA	MO	YR
26	6	93

TIME	
zone	PDT
in water	
down	
on deck	

SOUNDER (m)
63

CAST DEPTH (m)

DATA BACKUP DISK

COMMENTS
CTD, mouston 20, MOCNESS 6 bongo

NOT
DONE

Depth (m)	Bottle Number									Thermometers (left)								(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.				
1 50																					
2 30																					
3 20																					
4 10																					
5 0																					
6 0																					
7 0																					
8 0																					
9																					
10																					

Bottle 1

Bottle 8

CTD/ROSETTE SUNDLER LOG SHEET

CRUISE
9317

STATION	
no.	I.D.
84	LD4

LATITUDE

LONGITUDE

RECORDED BY

DA	MO	YR
26	6	93

TIME	
zone	PDT
in water	1215
down	
on deck	

SOUNDER (m)
60

CAST DEPTH (m)
50

DATA BACKUP DISK

COMMENTS
Physics CTD/R for intercalib

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
50	1	✓															
30	2	✓															
20	3																
10	4																
0	5																
0	6																
0	7	✓															
0	8																

T°

T°

CTD/ROSETTE SPALLER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	48 53.73	128 55.49	DRY
			85	LD4			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
26	6	93	zone	PDT	63	50	
			in water	1235			
			down				
			on deck	1250			

COMMENTS
Intercalib. - OGPS - Res 446/CTD

[illegible]

Source:

[illegible]

CTD/ROSETTE S... LER LOG SHEET

CRUISE		STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317		no.	I.D.	48 42.42		126 17.15			
		87	LDO7						
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)		DATA BACKUP DISK	
26	6	93	zone	PET	470				
			in water						
			down						
			on deck						
COMMENTS									
Inter calibration (O.P. unit)									

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	48 28.494	126 43.185	VB
			89	LD11			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
26	06	93	zone	PDT	1560	500	
			in water	21:04:42			
			down	21:			
			on deck	21:29:13			

COMMENTS
CTD ONLY

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	48 32.20	126 36.61	
		90	LD10			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
26	06	93	zone	POT	1489	500	
			in water	2219			
			down	22			
			on deck	2245			

COMMENTS
Therm <u>may</u> be wrong - didn't rotate completely
CTD/ROSETTE

[illegible]

CTD/ROSETTE S... LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	48 35.71	126 30.15	
			91	1209			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
27	6	93	zone	PDF	1054	500	
			in water	0003			
			down				
			on deck				
COMMENTS CTD only							

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE		STATION		LATITUDE	LONGITUDE	RECORDED BY
9317		no.	I.D.	48 39.20	126 23.34	
		92	LDO8			

DA	MO	YR	TIME	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
27	06	93	zone	751	500	
			in water			
			down			
			on deck			

COMMENTS
CTD/Rosette

Depth (m)	Bottle Number									Thermometers (left)				(right)			
	Rosette	Sal.	O ₂	Nut.	pH	Chl	Phyto.	¹⁴ C Upt.	Other	Ser. #	Aux.	Main	Corr.	Ser. #	Aux.	Main	Corr.
500	1	✓	1131	✓						1572		4.873	-4884				
300	2		1132	✓													
150	3		1133	✓													
100	4		1134	✓													
75	5		1135	✓													
50	6			✓													
30	7			✓													
20	8			✓													
10	9			✓													
8	10			✓													

Note wrong
temp
500m

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	484272	126 17.13	
			93	407			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
27	6	93	zone	PDT	565	500 m	
			in water	0219			
			down				
			on deck				

COMMENTS
CTD only

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	48 46 21		126 10 265		J. Hare	
			94	LD06						

DA	MO	YR	TIME PDT		SOUNDER (m)	CAST DEPTH (m)		DATA BACKUP DISK	
27	06	96	zone		139	125			
			in water	0404					
			down	0410					
			on deck						

COMMENTS

[illegible]

CTD/ROSETTE SHELTER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	'48 49.65	126 03.6	JRE
			95	LD05			
DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
27	6	93	zone	PDT	93.5	85	
			in water	0455			
			down				
			on deck				
			COMMENTS CTD ONLY				

[illegible]

CTD/ROSETTE 5000 METER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	48 53.16	126 57.0	SIR
			096	LD4			

DA	MO	YR	TIME	zone	PDT	SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
27	06	93	05	in water	DSB	65	60	
				down				
				on deck		COMMENTS		
						CD/R		

[illegible]

CTD/ROSETTE SNAJLER LOG SHEET

CRUISE		STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317		no.	I.D.	48.56.61		125.50.40		SR	
		097	LD3						

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
27	06	93	zone	001	50	45	
			in water	0622			
			down				
			on deck				

COMMENTS
CTD only - John checked the splice after he tried to pull it ("if it's warm & g.")

[illegible]

CTD/ROSETTE S. LER LOG SHEET

CRUISE			STATION		LATITUDE		LONGITUDE		RECORDED BY	
9317			no.	I.D.	'48 58.35		125 47.05		JRF	
			918	LDZ						

DA	MO	YR	TIME		SOUNDER (m)		CAST DEPTH (m)		DATA BACKUP DISK	
27	6	93	zone	PDT	45		40			
			in water	0649						
			down							
			on deck							

COMMENTS										
CTD ROSETTE, BONGIO, NEUSTON NOTE: GPS / ACTUAL POSITION INCORRECT USE NOMINAL STN. COORDS.										

[illegible]

CTD/ROSETTE S...LER LOG SHEET

CRUISE			STATION		LATITUDE	LONGITUDE	RECORDED BY
9317			no.	I.D.	49 00 1	125 43.8	JRF
			99	LD01			

DA	MO	YR	TIME		SOUNDER (m)	CAST DEPTH (m)	DATA BACKUP DISK
27	6	43	zone	PDT	40	35	
			in water	0735			
			down				
			on deck				

COMMENTS
LTD ROSETTE

[illegible]