

CRN

9305

DAILY LOG

INSTITUTE OF OCEAN SCIENCES
OCEAN PHYSICS

DATE

April 13 to

VESSEL

R. B. YOUNG

PROJECT

PORT ALBERNI OXYGENS

Captain: Kay Gimble

First Officer: _____

Second Officer: _____

Third Officer: _____

Cruise Participants/Agencies: _____

Scientific Personnel: Party Chief: _____

Name	Watch	Cabin	Name	Watch	Cabin
Dario Stucchi					
Darren Tuele					
Bernard Minkley					

Second leg of cruise: Party Chief: _____

Third leg of cruise: Party Chief: _____

Data logging system: Unit number: #1

Program version: _____

CTD deck unit make: 87107 Guildline

model: 87107

serial no.: 58,995

Computer make: HP VECTRA

model: Q5/20

serial no.: 7169

Monitor make: _____

model: NEC Multisync

serial no.: _____

Printer make: Roland

model: PR1212A

serial no.: _____

1st CTD make: Guildline

model: 8705

serial no.: 58483

Temperature sensor

model: _____

serial no.: _____

coefficients: slope: _____

offset: _____

Conductivity sensor

model: _____

serial no.: _____

coefficients: slope: _____

offset: _____

Pressure sensor range: _____

psi

serial no.: _____

coefficients: FSP: _____

dB

offset: _____

Transmissometer

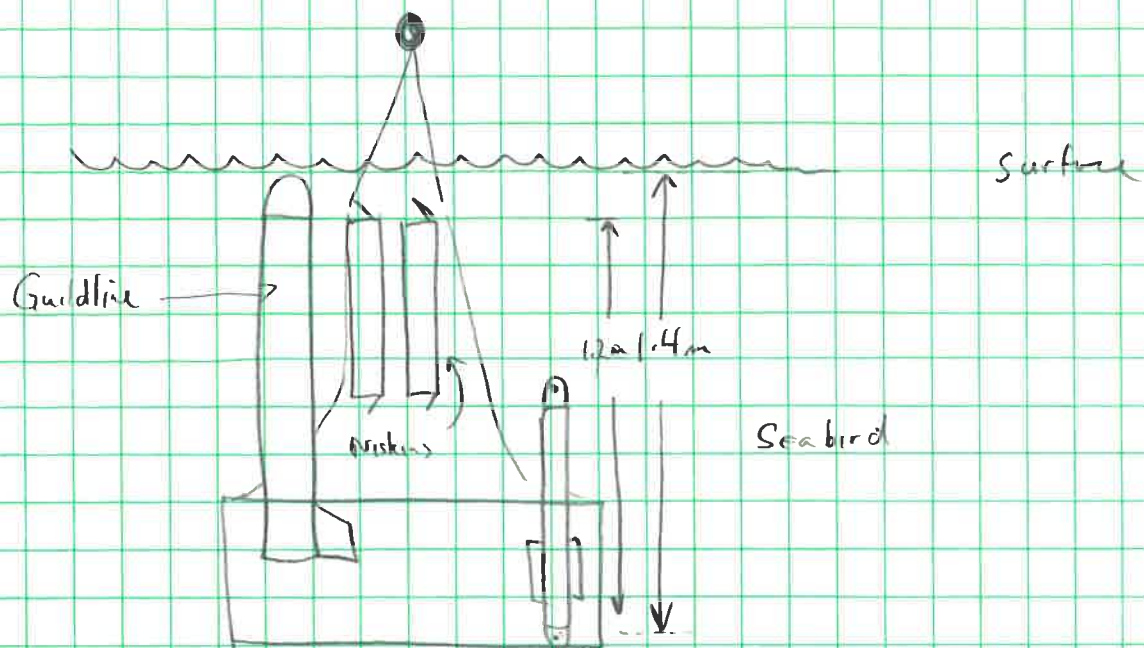
model: _____

serial no.: _____

coefficients: slope: _____

offset: _____

Comments: Seabird Seacat SBE-19 SN 1030 with YSI DO sensor
and pump unit, strapped to rosette sampler



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YEAR	1993	MONTH	April	TIME ZONE	UTC	SHIP	R.B. Young	CRUISE	9305	PAGE	2 OF		
DAY	STATION IDENTIFICATION	DEPTH SOUNDING (m)	SHIP STOP/START TIME	LATITUDE/ LONGITUDE	STD CONSEC. #	STD TIME	HYDRO CONSEC. #	MESSENGER TIME	HYDRO SALINITY #	OXYGEN #	SURFACE TEMPERATURE/ SALINITY	LOOP SALINITY #	NOTES
16	PA13	137	4907.86 12448.43	007	0412								Down Cast Psurf = 0.4
	PA13			008	0414	008			2062 2071				Upcast for rosette (shallow) Psurf = 0.2
	PA13	129	4908.10 12448.28	009	0438								Deep Down Cast Psurf = 0.5
	PA13			010	0441	010		6 7	2072 2078				Upcast for rosette (deep) Psurf = 0.3
								Salinity Sample #6 at 100m from rosette #2 Salinity Sample #7 at 125m from rosette #1					
16	PA10	117	0504 4909.21 12448.18	011	0506								Shallow down cast Psurf = 0.1
		100		012	0509	012			1003 1020				Upcast for rosette Psurf = 0.3
16	PA10	118	4909.12 12448.18	013	0532								Deep Down Cast Psurf = 0.3
				014	0534	014		8 9	1022 1029				Deep Upcast for rosette Psurf = 0.4
								Salinity sample #8 at 75m from rosette #2 Salinity sample #9 at 100m from rosette #1					

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DAY	STATION IDENTIFICATION	DEPTH SOUNDING (m)	SHIP STOP/START TIME	LATITUDE/ LONGITUDE	STD CONSEC #	STD TIME	HYDRO CONSEC #	MESSENGER TIME	HYDRO SALINITY #	OXYGEN #	SURFACE TEMPERATURE/ SALINITY	LOOP SALINITY #	NOTES	
16	PA07	107	0600	49 10.31 124 49.06	015	0604							Shallow down cast P _{surf} = ?	
	PA07	100			016	0606	016		1030 1042				Shallow upcast for rosette P _{surf} =	
					Cons 016 crashed at 5.4m while turning power back on to Guildline after tripping rosette bottle #6									
	PA07				017	0613	017						Shallow upcast, finishing off from cast 016. P _{surf} = 0.5	
	PA07			49 10.20 124 49.03	018	0632							Deep down cast P _{surf} = 0.2	
					019	0636	019		10 1043 11 1051				Deep upcast for rosette samples P _{surf} = 0.3	
							Salinity sample # 10 at 100m from rosette bottle #1							
							Salinity sample # 11 at 75m from rosette bottle #2							
16	PA05	68	0706	49 11.85 124 49.06	020	0709							Shallow down cast P _{surf} = ?	
	PA05				021	0711	021		1052 1064				Shallow upcast for rosette samples P _{surf} = 0.5	
	PA05	67		49 11.96 124 49.15	022	0737			1065 1069				Deep Down Cast P _{surf} = 0.4	
	PA05				023	0739	023						Deep upcast for rosette samples P _{surf} = 0.4	

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DAY	STATION IDENTIFICATION	DEPTH SOUNDING (m)	SHIP STOP/START TIME	LATITUDE/ LONGITUDE	STD CONSEC. #	STD TIME	HYDRO CONSEC. #	MESSENGER TIME	HYDRO SALINITY #	OXYGEN #	SURFACE TEMPERATURE/ SALINITY	LOOP SALINITY #	NOTES
16	PA04	56		49/2.35 124 49.17	024	0757							Shallow down cast P _{surf} = 0.3
	PA04	50			025	0759	025		1072 1096				Shallow upcast for rosette samples P _{surf} = 0.4
16	PA04	58		49/2.23 124 49.16	026	0825							Deep down cast P _{surf} = 0.3
	PA04				027	0827	027		1100 1102				Deep upcast for rosette samples P _{surf} = 0.5
16	PA03	33	0844	49/2.91 124 49.20	028	0847							Down cast P _{surf} = 0.5 0.5
	PA03	30			029	0850	029		1103 1112				Upcast for rosette samples P _{surf} = ?
16	PA02			49/3.36 124 49.24	030	0919							Down Cast P _{surf} = 0.6
	PA02	20			031	0921	031		1113 1121				Upcast for rosette samples P _{surf} = ?
16	PA01			49/3.85 124 49.05	032	0945							Down cast P _{surf} = 0.4
		15			033	0949	033		1122 1129				Upcast for rosette samples P _{surf} = ?

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DAY	STATION IDENTIFICATION	DEPTH SOUNDING (m)	SHIP STOP/START TIME	LATITUDE/ LONGITUDE	STD CONSEC #	STD TIME	HYDRO CONSEC #	MESSENGER TIME	HYDRO SALINITY #	OXYGEN #	SURFACE TEMPERATURE/ SALINITY	LOOP SALINITY #	NOTES
21	PA04	56	1902		051	1903							Downcast (Shallow)
	PA04				052	1905	052		1103 TB 1116				Shallow upcast for rosette
	PA04				053	1930							Deep downcast P _{surf} = 0.4
	PA04				054	1936	054						Deep upcast for rosette P _{surf} = 0.4
	Note: cons # 051 + 52 station may have been incorrectly set to PA05 please check header and correct if necessary.												P
	PA05	65	1956		055	1959							Shallow downcast to 30m P _{surf} = 0.4
	PA05				056	2003	056		1119 2065				shallow upcast for rosette P _{surf} = 0.4
	PA05	65 68			057	2030							deep downcast P _{surf} = 0.4
	PA05				058	2033	058						deep upcast P _{surf} = 0.4
	PA07	103m	2102		059	2101	059						shallow downcast P _{surf} = 0.5
	PA07	"			060	2104	060						shallow upcast 0.3 = P _{sf}
	PA07	103m			061	2136	061						deep downcast P _{sf} = 0.4

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