

Local Date	Local Time	Event	CTD station	Longitude	Latitude	Depth (meters)
<b>Vents Program Earthquake Swarm Response Cruise. R/V Wecoma Cruise W0804B.</b>						
apr20 jd111	1000	Departed HMSC pier - Newport Oregon				
apr20 jd111	1815	Arrived at hydrophone deployment site		-126.0000	44.4367	2925
apr20 jd111	2000	Hydrophone deployed. Start underway to swarm site.				
apr21 jd112	0420	<b>Arrived at "Swarm East" site. Start CTD Cast 1.</b>	<b>V08B01</b>	-128.3026	44.4209	2875
apr21 jd112	0630	CTD on board. Moving to next CTD site.				
apr21 jd112	~0645	Noticed uplift of about 20m on 3.5 kHz record.		-128.425	44.4167	
apr21 jd112	0735	<b>Arrived at "Swarm Center" site. CTD Cast 2.</b>	<b>V08B02</b>	-128.5480	44.4141	2845
apr21 jd112	1005	CTD on board. Moving to next CTD site.				
apr21 jd112	1007	Noticed that 3.5kHz digital record had not moved during cast (analog record moved). No real problem as didn't change position- just odd.				
apr21 jd112	1015	Realized that the 3.5kHz computer clock is reading 1 hour ahead of UTC time. This means that the file dates/times will be incorrect (1 hr ahead of UTC). Inside the files the times will be correct because the GPS string provides that info. Within the program the digital time stamps are correct.				
apr21 jd112		Beautiful 3.5 record. 30-40m sediments visible and layered.				
apr21 jd112	1115	<b>Arrived at "Swarm West" site. CTD Cast 3.</b>	<b>V08B03</b>	-128.7767	44.4108	2875
apr21 jd112	1320	CTD on board. Moving to next CTD site.				
apr21 jd112		Upped 3.5kHz gain (from 130 to 169) because of all the basement rock in area between west swarm and big quake site.				
apr21 jd112	1530	<b>Arrived at "Big Quake" site. CTD Cast 4.</b>	<b>V08B04</b>	-129.3447	44.2826	2422
apr21 jd112	1730	CTD on board. Moving to next CTD site.				
apr21 jd112		1830-1835 local / 0030-0035 UTC. Lost 3.5 kHz signal				
apr21 jd112	1845	<b>Arrived at East Blanco Depression site. CTD Cast 5.</b>	<b>V08B05</b>	-129.6250	44.2050	3445
apr21 jd112	2106	CTD on board. Moving to next CTD site.				
apr21 jd112	~2115	Put 3.5 kHz on auto gain in the BFZ. Too much relief here. Can't see bottom in the depressions.				
apr21 jd112	2317	<b>Arrived at Surveyor Depression site. CTD Cast 6.</b>	<b>V08B06</b>	-129.0800	43.9900	3350
apr22 jd113	0145	CTD on board. Moving to next CTD site.				
apr22 jd113	0357	<b>Arrived at Cascadia Depression site. CTD Cast 7.</b>	<b>V08B07</b>	-128.6714	43.7557	3525
apr22 jd113	0646	CTD on board. Moving to next CTD site.				
apr22 jd113	0837	<b>Arrived at "Halfway" site. CTD Cast 8.</b>	<b>V08B08</b>	-128.4728	44.0810	2575
apr22 jd113	1037	CTD on board. Moving to next CTD site.				

apr22 jd113		Lowered the gains on the 3.5kHz from 180 down to 150. Was saturating the record.				
apr22 jd113	1212	<b>Arrived at "Swarm Southwest" site. CTD Cast 9.</b>	<b>V08B09</b>	-128.8390	44.2750	2840
apr22 jd113	1416	CTD on board. Moving to hydrophone site and then to the beach.				
apr22 jd113	1420	Set 3.5 kHz to autophase 200m. Setting used generally during the cruise were: gain 130. Power 3. Pulse 12ms chirp. Proc gain 1. Tx blank 200. Sensitivity 2.				
apr22 jd113	1710	Turning the ship and diverting course to respond to a large earthquake swarm on the northern Gorda Ridge. Heading to: 42deg 52min N 126deg 40min W.		-128.0217	44.6646	
apr23 jd114	0556	Turning ship. Overshot CTD station.				
apr23 jd114	0606	<b>Arrived at "Gorda north" site. CTD Cast 10.</b>	<b>V08B10</b>	-126.6667	42.8667	3304
apr23 jd114	0858	CTD on board. Moving to next CTD site. Time for 1 more.				
apr23 jd114	0929	<b>Arrived at "Gorda south" site. CTD Cast 11.</b>	<b>V08B11</b>	-126.7042	42.8142	3103
apr23 jd114	1150	CTD on board. Will keep the ride as smooth as possible while work with water samples (heading due north).				
apr23 jd114	1310	Change course. Heading for the beach full steam ahead.		-126.7016	42.9298	
apr23 jd114	1410	Turned off the 3.5 kHz. Going too fast. The record looks bad. Within the BFZ north of Gorda Ridge.		-126.5176	43.0444	
apr24 jd115	0530	Arrived at the HMSC pier. End of cruise.				