2009 Instrument Placement

Scenario 3

Updated

Transect	StationID	Depth (m)	Lat	Long	Temperature	Conductivity+		Current		Fluorescence		Pingers	
						Parameters	Altitude	Parameter	Altitude	Parameter	Altitude	Color/#	Altitude
Makah Bay	MB015	15	48° 19.50	124° 40.9	Thermistors x 4 1, 5, 10, 15								
Makah Bay	MB042	42	48° 19.30	124° 44.6	Thermistors x 6 1, 10, 20, 30, 35, 42	C,T- 1 C,T - 2	38 1	CM- 1	38	FLNTU- 1	38		
Cape Alava	CA015	15	48° 09.90	124° 45.4	Thermistors 1, 5, 10, 15	C,T,D,DO -1	1						
Cape Alava	CA042	42	48° 09.90	124° 48.20	Thermistors x 6 1, 10, 20, 30, 35, 42	C,T - 3 C,T,D,DO - 2	38 1	CM - 2	38				
Cape Alava	CA065	65	48° 09.90	124° 53.58	Thermistors x 8 1, 10, 20, 30, 40, 50, 60, 65	C,T,D,DO - 3	1						
Teahwhit Head	TH015	15	47° 52.50	124° 37.10	Thermistors x 4 1, 5, 10, 15								
Teahwhit Head	TH042	42	47 52.57	124 44.01	Thermistors x 6 1, 10, 20, 30, 35, 42	C,T - 4 C,T - 5	38 1	CM- 3	38	FLNTU-2	38		
Kalaloch	KL015	15	47° 35.90	124° 25.60	Thermistors x 4 1, 5, 10, 15	C,T- 6 C,T,D,DO - 4	11 1						
Kalaloch	KL027	27	47° 35.60	124° 29.60	Thermistors x 5 1, 10, 15, 20, 27	C,T - 7 C,T,D,DO - 5	23 1	CM- 4	23	FLNTU - 3	23		
Kalaloch	TH050	50	47' 35.6 @	124' 36.8 @	Thermistors x 6 1, 10, 20, 30, 40, 50	C,T,D,DO -	1						
Cape Elizabeth	CE015	15	47° 21.32	124° 21.13	Thermistors x 4 1, 5, 10, 15	C,T,D,DO - 6	1						
Cape Elizabeth	CE042	42	47° 21.32	124° 28.10	Thermistors x 6 1, 10, 20, 30, 35, 42	C,T - 8 C,T,D,DO - 7	38 1	CM-5	38	FLNTU- 4	38		
Cape Elizabeth	CE065	65	47° 21.32	124° 34.12	Thermistors x 8 1, 10, 20, 30, 40, 50, 60, 65	C,T,D,DO- 8	1						

Frequency Note:
Tidbit thermistors and CT = 2 min
16 plus - CTDO = 10min
Current meters and FLNTUSB fluorometers = 30min
DFLSB = 60 mins

Surface CTs - we have 8 and we need placement at the 5 fully loaded stations. We placed the remainder at other stations: previously MB015 surface, MB042 bottom, and KL015 surface. In 2007 decided to place at bottom stations where we don't have CTD-DO sensors to aid information. Continued this in 2008.

We only have 4 fluorometers this year. We dropped CA because Vera seems to use TH and Hickey uses KL

@ Proposed location

Instruments

Available	**March**			
Fluorometers			CM- 1479	FLNTU- 204
FL - DFLSB	1		CM - 1769	FLNTU-202
FL - FLNTUSB	3		CM- 1477	FLNTU - 203
C,T (SBE 37)	8		CM-1773	FLNTU- 1045
C,T,D,DO (SBE 16)	9	one spare	CM- 1746	
Current meters	5			