

CORC Cruise Plan (18 Sept - 24 Sept 2008) - New Horizon

Ver.4

NOTES: for scheduling: Earliest Departure Time 08:00; Latest Arrival Time 18:00
 24 Sep. Arrival > 16:00 because of Melville welcome party
 Loading 17 Sep; Unloading 24/25 Sep

Mooring 1 (corc1-08)

32N 13.75, 120W 20.00

Mooring 2 (corc2-08)

28N 35.00, 127W 30.00

Distance between moorings is ~ 800km

Steaming Speed = 10 knots

Start

End

Date	Time	Date	Time	Operation	dist (km)	dist (nm)	time (hh:mm)	time (hr)
18 Sep	8:00	18 Sep	9:30	Depart Harbor			1:30	1.5
18 Sep	9:30	19 Sep	1:30	Transit to Mooring; corc1-08; 32N13.75, 120W20.00	297	160	16:00	16
19 Sep	1:30	19 Sep	7:30	CTD (1000m & 3500m)			6:00	6
19 Sep	7:30	19 Sep	10:30	Bathymetry Survey			3:00	3
19 Sep	10:30	19 Sep	11:30	Drift Test			1:00	1
19 Sep	11:30	19 Sep	17:30	Deploy Mooring; corc1-08			6:00	6
19 Sep	17:30	19 Sep	17:42	Deploy PIES; corc_p1-08			0:12	0.2
19 Sep	17:42	20 Sep	4:12	Transit to PIES site; corc_p2-08	195	105	10:30	10.5
20 Sep	4:12	20 Sep	4:24	Deploy PIES; corc_p2-08			0:12	0.2
20 Sep	4:24	20 Sep	14:54	Transit to PIES site; corc_p3-08	195	105	10:30	10.5
20 Sep	14:54	20 Sep	15:06	Deploy PIES; corc_p3-08			0:12	0.2
20 Sep	15:06	21 Sep	1:36	Transit to PIES site; corc_p4-08	195	105	10:30	10.5
21 Sep	1:36	21 Sep	1:48	Deploy PIES; corc_p4-08			0:12	0.2
21 Sep	1:48	21 Sep	12:18	Transit to Mooring; corc2-08; 28N35.00, 127W30.00	195	105	10:30	10.5
21 Sep	12:18	21 Sep	15:18	CTD			3:00	3
21 Sep	15:18	21 Sep	18:18	Bathymetry Survey			3:00	3
21 Sep	18:18	21 Sep	19:18	Drift Test			1:00	1
21 Sep	19:18	21 Sep	1:18	Deploy Mooring; corc1-08			6:00	6
21 Sep	1:18	21 Sep	1:30	Deploy PIES; corc_p1-08			0:12	0.2
	1:30		9:00	data download at each PIES on way back				7.5
21 Sep	9:00	24 Sep	18:00	Transit to San Diego (2.5 days)	1056	570	57:00	57

Steaming Time	2131	1150	115.0
Operations Time			37.5
Total Time Required			154

Total Time Allowed (08:00 Departure; 18:00 Arrival)			154
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