



Daily cruise report (08 February 2020)

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1. Objective

In Guyana waters cruising and collecting ocean-atmosphere information across eddies. We will continue our northwestward course for the next two days. In the meantime we have undertaken:

Days of travel: 18.8562

Miles covered: 2050.7937

%%Stations are computed only with processed data%%

CTD stations: 43

UCTD stations: 118

XBT stations: 41

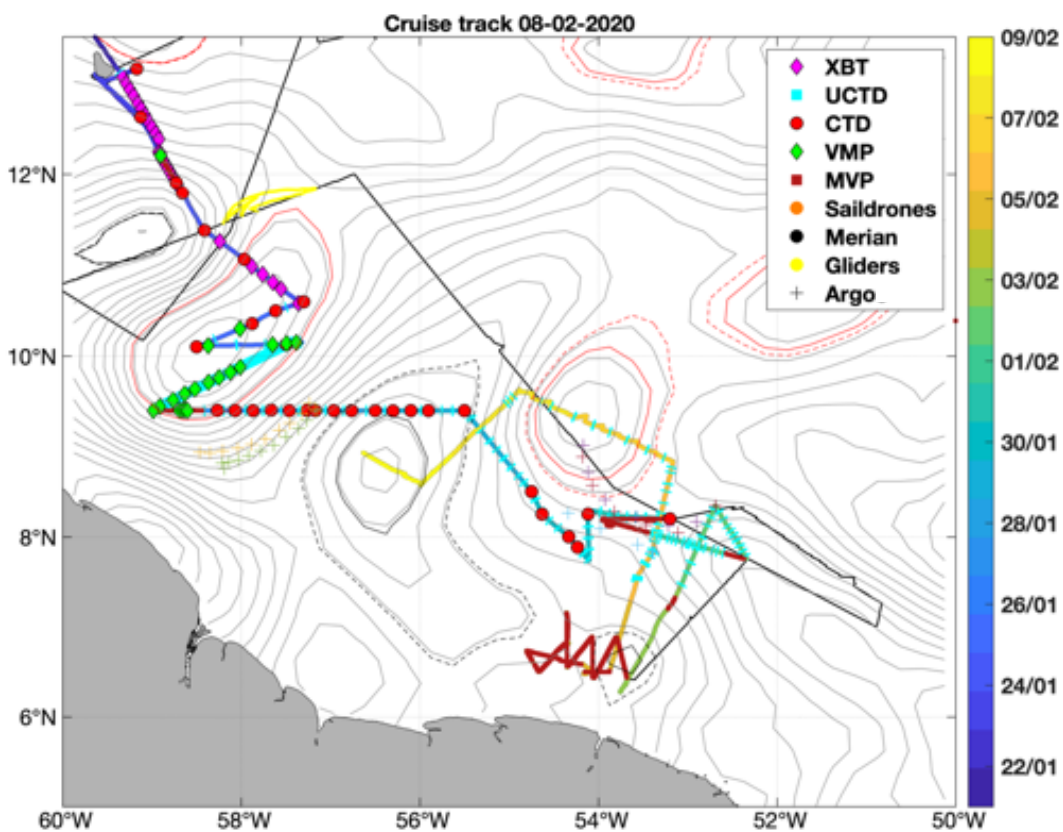
VMP stations: 19

MVP casts: 1420

ARGO deployments: 5

Gliders dives: 687

Radiosondes launched: 142



2.

Synoptic Situation

Moderate trade winds in a dry atmosphere.

Some short showers overnight then blue sky all the day.

East-northeasterly wind 15-20kt. The waves are about 5-6 feet with a northeasterly swell.

Mesoscale cloud patterns (18utc): in transition to gravel near Trinidad



Time (local)	Coverage	Types	remarks
0800	0/8 High	-	
	0/8 Mid	-	
	1/8 Low	Cu	
1200	0/8 High	-	
	0/8 Mid	-	
	1/8 Low	Cu	
1600	0/8 High	-	
	0/8 Mid	-	
	1/8 Low	Cu	

Inter-calibration: No intercalibration.

Autonomous systems deployed: None

Overflights: No overflights. We are too far south.

3. Stations

Date	Approx Local Time	Operation	Lat	Lon	NM
Revisiting the deep & surface Ring2 and cyclones					
08/02	00:00+0.5h	VMP (400 m)	8°34.4'N	56°W	
08/02	+2h	CTD 2000m	8°34.4'N	56°W	
08/02	+ 15h	From WP2 (8°34.4'N 56°W) to WP3 (9°21'N 57°22.4'W) 9 kts during transit, 6 kts during uCTD Alternate 1 uCTD every 30', 1 VMP every 2h	9°21'N	57°22.4' W	90
08/02	+0.5h	VMP 400 m	9°21'N	57°22.4' W	
08/02	+2h	CTD 2000m	9°21'N	57°22.4' W	
08-10/02	+ 44h (20 transit, 24h operations)	From WP3 (9°21'N 57°22.4'W) to WP4 (10°28.7'N 59°21'W) 9 kts during transit, 6 kts during uCTD Alternate 1 uCTD, 1 VMP+CTD every 12 NM i.e. uCTD -6NM-CTD+VMP-6NM-uCTD-6NM-VMP+CTD-etc	10°28.7'N	59°21'W	140

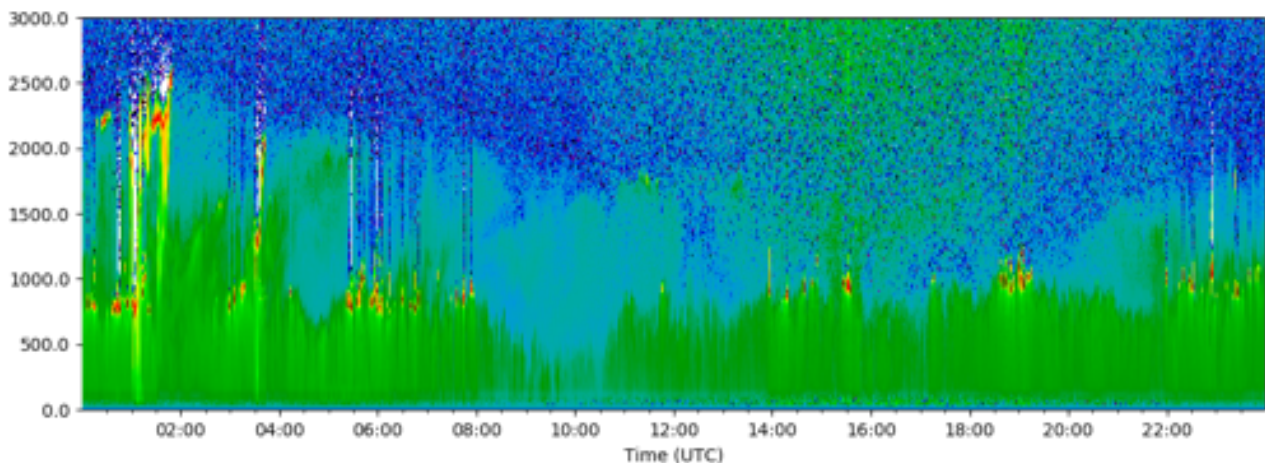
4. Instrument Status

We have had some problems with the uCTD. Otherwise all instruments seem to work well. Today Vaisala radiosounding reception was more stable.

5. Outlook

We will continue to sail according to our workplan..

6. Figures



Celiometer R/V Atalante 8 February 2020

