

ROV Jason Daily Report

Cruise Number: RB 19-03

Dive number: J2-1129

Chief Scientist: Erik Cordes

Report Date: 4/14/2019

Expedition Leader: Alberto Collasius Jr.

Prepared By: Expedition Leader

Vessel Location: Atlantic 32N 78W

Weather: Had to delay launch for weather. It layed down enough for launch but was coming back up late am so recovered 8am

Dive Times: GMT

Dive Activities/Future Activities:

Coral pots, Coral samples to quivers, Samples to Bio Box's, Reson and McLane pump deploy and recover

Reason for Dive Termination: Weather

Dive No.	Dates	Max Depth	Hours Descending	Hours Ascending	Hours on Bottom	Hours in water	Time On Deck	Time on Deck not available to science
J2-1128	4/10-4/11	792	:50	2:45	9:30	13:05		0
J2-1129	4/13-4/14	746	1:07	1:20	11:15	13:42	56:53	32:53

Completed Dive Summaries:

Vehicle Status: No problems with vehicle. Need to dial in a few of the views to Both upper and lower Niskins

Weather Forecast: Forecast to deteriorate significantly today

Large low pressure system moving NE across the midwest this morning, and is trailing a strong cold front through the south. Strong squall line of thunderstorms (with severe weather) is moving E and will pass across FL Panhandle this afternoon, shifting off the South Carolina coast by close to midnight tonight. Winds will increase from the S this evening up to 30-40kt and gusts to 50+kt possible. I can't rule out the chance for an isolated waterspouts and some thunder/lightning within this squall line, which should pass near you between 2am and 8am tomorrow. S winds shift into the W behind the front, and wind speeds a little lower. Skies should clear within a few hours after the squall line passes, with winds then diminishing and veering through late Mon into Tues. Fair weather and lighter winds/seas expected for most of Tues and Wed. Thurs we could have another cold front moving across the South, poised to shift offshore before the end of the week.

Expedition Leader Comments:

Good dive. 1.6 knots of surface current. Had to dial in the levelwind a few times and not sure we have it spot on. Had tested at transition during descent but still had troubles with cable laying in nicely during ascent. Launch and recovery went very well except for Level wind issues. Akel got the ship dialed in spot on. Sampling went well except lower Niskins did not trip. Due to weather call not all objectives were completed.

Chief Scientist Comments:

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Vessel Other

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