

Summary

Cruise: AT-41

Pilot: Bruce **Dive:** 4970 **Stbd Observer:** Lauren
Carroll

Date: 8/31/2018 **Site:** Norfolk Canyon **Port**
Observer: Ryan

Saw some bioluminescence on the way down. The bottom was muddy and covered with brittle stars and urchins and the divots in the mud looked similar to the surface of the moon. Lots of small copepods floating/flying by and rattails slithering about. Arrow Worms check us out then dart off. Purple Sea cucumbers here and there which I suspect are the culprits of the landscape. Some crabs scurrying about. We took some great footage of the Sub with a GoPro. We took some push cores then had a grounding issue in the sub. After Ryan had many electronics dropped on his head Bruce found the ground and away we went. We head toward T2 and I was thrilled to see some deep sea prawns. They would almost teleport across my window moving so quickly. Sometimes they would leisurely swim by like an hourly worker on their daily commute. Lots of basket stars and a few crab here and there. Urchins still there too. More push cores then off to find coral. Some soft coral spotted near some large fish, pictures were taken. We collected a rock, or what we perceived as a rock. Small red comb jellies came to greet us but didn't visit long. Some soft corals were collected and a Niskin bottle was fired. Bruce found a beer bottle but was unsuccessful in retrieving it. We found bamboo corals and collected some along with push cores and some sea pen sampling. We then surfaced and I am still processing the dive.