

Ian Leik

From: Michael Kelly <mkelly@mbari.org>
Sent: Tuesday, April 13, 2021 11:06 AM
To: Ian Leik
Subject: RE: Vessel; Paragon ON: 993613 fuel sheen 12 April 2021 Summary of events

Ian,
Thanks for the report, I consider this incident closed.
Thanks
Mike

Michael Kelly
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From: Ian Leik <ileik@mbari.org>
Sent: Tuesday, April 13, 2021 11:04 AM
To: Michael Kelly <mkelly@mbari.org>
Cc: ileik@mbari.org
Subject: Vessel; Paragon ON: 993613 fuel sheen 12 April 2021 Summary of events

Mike,
As discussed yesterday the paragon had a minor fuel leak that was contained and cleaned by the Paragon crew and WF crew. Incident report and photos will be kept in the DMO share drive Paragon folder for reference.

Date: 12 April 2021
Time: 1015 am to 1030am
Tide: Nearly slack High tide was 11:35 am as per time zero.
Wind: Negligible at the pier.

Details:

While loading CTD equipment and the Dorado AUV for tow out on the outside of the MBARI dock, the port engine sounded and alarm and stalled. The duration between alarm and stall was seconds. During this time a fuel sheen was visible in the water. Jared and WF Crew noted this simultaneously and immediately deployed oil boom and diapers. The event had full containment within minutes.

Estimated leakage of Fuel: .00022 gallons (.84 cubic CM)

Notes: (.4 gph. Fuel flow rate. For 2 second max.) .4 gallons*(2 seconds/ 3600second per hour)=.00022 gallons. Cubic centimeter number was calculated from convertunits.com .

Root Cause:

The port Outboard fuel rail hose was found with hose clamp not installed. This would be directly resulting from the repair completed at Monterey Bay Marine. The clamp was re-installed on the spot by Jared and the engine test run 1045 to 11am with no leaks observed

The vessel returned to service by 11:30am and followed the WF out of the harbor after her departure.

4 small booms and 8 large booms were consumed which will be replaced by the WF crew.

Ian Leik

Marine Operations Manager

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