



## Tip of the Month – Preventing Risk



**CASE STUDY #47** P@S H.EL.M.E.T. Marine Risk Assessment

**RISK ELEMENT:** Echo Sounder's Alarm Settings

**MRA FINDING:** The echo sounder alert alarms were found on OFF mode during the vessel's transit in shallow waters

REF. BPG 5<sup>th</sup> EDITION 4.5, VIQ 7, 4.19

THIS WAS AN INDICATION THAT THE BRIDGE TEAM WAS NOT AWARE OF THE PRECAUTIONS REQUIRED TO BE TAKEN DURING VESSEL TRANSIT. ALARMS NEED TO BE IN ON MODE AT ALL TIMES, ESPECIALLY WHEN NAVIGATING IN SHALLOW WATERS & SET CORRECTLY TO AN APPROPRIATE SAFE DEPTH. THE ABSENCE OF ALARMS OR THE DEFAULT SET IN THE ECHO SOUNDER COULD LEAD TO VESSEL GROUNDING.

**RECOMMENDATION:** TRAINING & FAMILIARIZATION OF THE BRIDGE TEAM ON REGULATORY OBLIGATIONS & OPERATOR'S PROCEDURES REGARDING NAVIGATION IS ESSENTIAL IN ORDER TO PREVENT SERIOUS INCIDENTS.

## Making Prevention A HABIT!