

APPENDIX E

Basic Engineering Casualty Control Exercise (BECCE) Checklists.

Fire in the Engine Room	<ul style="list-style-type: none">• Reduce RPM to neutral and secure both engines.• Notify crew, check engine (or engine room)• DVO pulled emergency fuel stop, account for all personnel• Extinguish fire if still burning• Crew rig for anchor if directed• Establish re-flash watch• Coordinate with station for tow or other assistance
Loss of Steering	<ul style="list-style-type: none">• Bring throttle(s) to zero thrust• Check steering hydraulic system for proper operation and verified hydraulic oil sump quantity• Crewmembers rig for anchor if directed by VO• If the cause was not correctable and steering hydraulic pressure was normal, steering can be controlled by splitting engines (twin screw only)• Coordinate with station for tow or other assistance
Collision with Submerged Object	<ul style="list-style-type: none">• Reduce RPM to neutral on both engines (when in safe water and out of surf zone)• Notify crew of casualty• Determine what was hit and if it can still be seen• Check aux space, lazarettes and holds for obvious flooding damage.• Check engines and props for damage• DVO conducts steering checks• DVO checks rpm in neutral and engaged checking for vibration/water circulation• DVO maintains engine RPM below range of vibration, if necessary. IF vibration is too severe, secure engine.• Coordinate with station for tow or other assistance if necessary

Loss of Main Engine Lube Oil Pressure	<ul style="list-style-type: none">• Reduce RPM to forward low idle on both engines• Identify affected engine, notify crew, secure affected engine• Crew member readies anchor for emergency. Use if directed.• Check bilge area for lube oil.• Check entire lube oil system for leaks.• Check engine oil sump for quantity and quality.• If cause not determined, do not start affected engine, return to station on one engine.• If single screw vessel coordinate with station for tow or other assistance if necessary.
---------------------------------------	---

The source for these flash cards came from: <http://www.cram.com/flashcards/uscg-rb-m-becce-drills-1724980>