

# Marine Safety Flash

## A15-35 (15<sup>th</sup> December)



### Generator Fire

#### Incident Overview

A vessel had a recent incident when a generator undergoing a test run after a rebuild had a fire when a fuel hose developed a pin hole and sprayed fuel over the exhaust. The fire was quickly extinguished by the crew without any major damage.

#### Key Findings

The generator was a containerised unit and not fitted as part of the vessels machinery. It was noted that none of the flexible hoses were fitted with secondary containment. Marine generators require secondary containment on the fuel lines and fuel leakage indication / alarms. However “land” containerised generators do not require this protective measure.

#### Recommendations

1. Any generator fitted/used onboard should have secondary containment fitted to the fuel lines.
2. A number of companies, such as Sleeve It Limited ([http://www.sleeveit.co.uk/about\\_us.php](http://www.sleeveit.co.uk/about_us.php)) and Giro Engineering Limited (<http://www.giroeng.com/>) specialise in secondary containment systems.
3. Masters, Chief Engineers, Bargemasters are to check and confirm that secondary containment on hard pipe work and flexible hoses is in place on all fixed and portable generator engines onboard including those used by projects in the Offshore Sector and report back your vessel manager or Technical Superintendent if there are any deficiencies.