

**OTC2017** \

OFFSHORE TECHNOLOGY CONFERENCE  
1-4 May 2017 \ Houston, Texas, USA \ NRG Park  
2017.otcnet.org



# **Safety in the New Offshore World**

Lars Herbst, Bureau of Safety and Environmental Enforcement  
Gulf of Mexico Region Director



# Factors that affect safety in a low-price environment



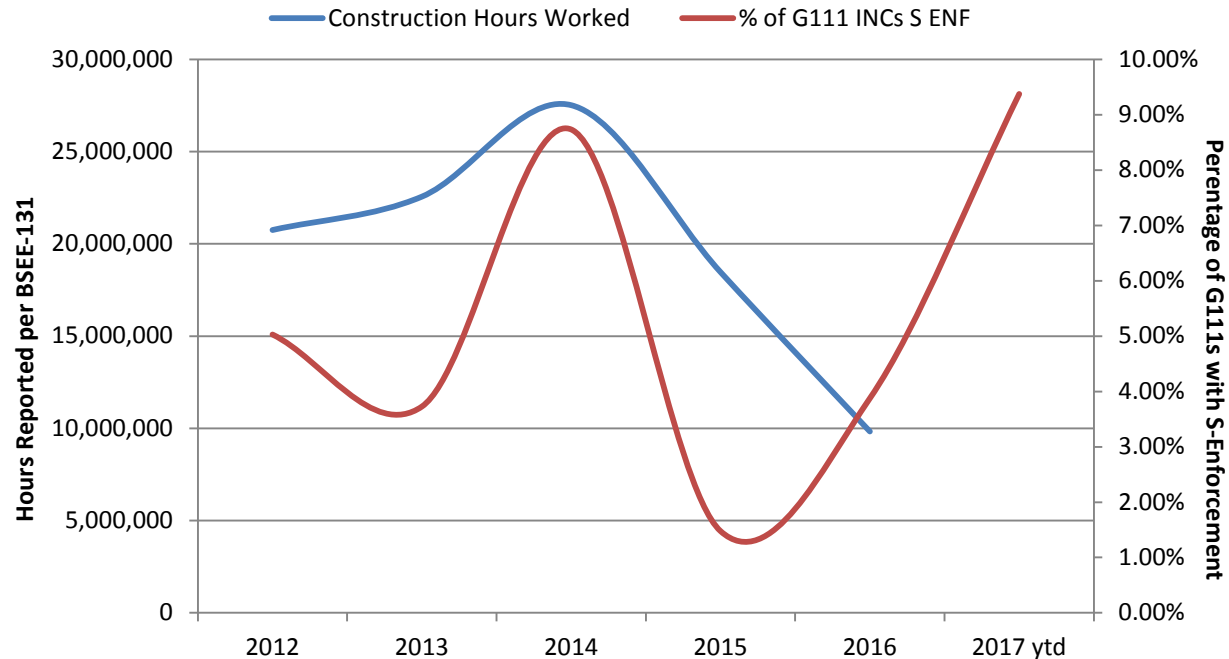
# Maintenance Trends (INC Severity)

**Q: What is the most issued INC from 2000-2017 ytd?**

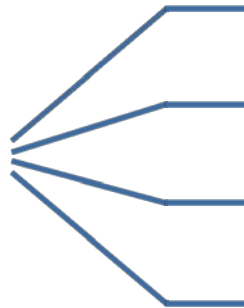
**A: G-111 PINC – Does the lessee maintain all equipment in a safe condition to provide for the protection of the lease and associated facilities?**

- In 2017, BSEE has observed a 100% increase G-111 shut-in INCs compared to previous 5 years.

**G-111 guidance: If noncompliance exists, issue a facility shut-in (S) INC when the unsafe situation poses an immediate danger to the entire facility or personnel and the specific piece of equipment or location cannot be shut-in without affecting the overall safety of the facility.**



# Smaller operators in deepwater



**SWP element – most actionable during 2<sup>nd</sup> audit cycle**

**27% associated with written SEMS plan compliance**

**58% associated with implementation of SEMS plan**

**15% associated with validation of actions**

SEMS purpose

- Focus attention on the influences that human error and poor organization have on accidents;
- Continuous improvement in the offshore industry's safety and environmental records;
- Encourage the use of performance-based operating practices; and
- Collaborate with industry in efforts that promote the public interests of offshore worker safety and environmental protection.

# Bankruptcies

(Data as of Apr. 21, 2017)



**2,104 active facilities in the Gulf of Mexico**

- 449 are operated by financially at-risk companies

**Caissons - 129**  
**Fixed platforms - 280**  
**Semi-submersible - 1**  
**Well protector - 39**



**3,403 active leases in the Gulf of Mexico**

- 208 are operated by financially at-risk companies



## Questions?

Lars Herbst  
BSEE Gulf of Mexico Region Director  
(504) 736-2589  
[Lars.herbst@bsee.gov](mailto:Lars.herbst@bsee.gov)

