



## *Before the Mast* *Lightship News Highlights*

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### *From the Captain's Quarters*

**Tim Condon, P.E., LSP, CEA**

I am pleased to announce that Felix Perriello has joined the crew at Lightship as a Senior Project Manager. Felix has 20 years experience in environmental science and engineering. He is an inventor with nearly 50 issued and pending patents in the areas of soil and groundwater remediation, wastewater, odor control, metal recovery, well anti-fouling, and bioaccelerated composting. His areas of expertise include hazardous waste investigations, soil and groundwater remediation, geology, soil science, soil microbiology and environmental science and legislation. Mr. Perriello is a Licensed Site Professional in the State of Massachusetts, a Certified Professional Geologist, and a Certified Hazardous Materials Manager. *Welcome Aboard, Felix!*



### *As the Crow Flies*

**Capt. Michael Pierdinock, CHMM, LSP**

Nautical phrases and terms have pervaded our culture and language. As an example, have you ever found yourself saying or thinking, "down the hatch?" This popular drinking expression has its origin in the sea faring tradition where cargoes were typically lowered into the hatch of a transport ship. The expression can be traced back to the turn of the century. How about, "he is showing his true colors?" This expression is based on the fact that early warships often carried many flags to evade enemy ships. However, the rules of warfare dictated that a ship had to hoist its true national ensign before firing a shot. Someone who finally "shows his true colors" is acting like a warship which signaled another ship flying a deceptive flag only to hoist its true flag when in firing range.

What about "toe the line?" The first respondent to provide the correct meaning/derivation of this term will have his/her name entered into a lottery. The first prize of the lottery is a full day of fishing on the Perseverance in late summer or fall 2010 ([www.cpfcharters.com](http://www.cpfcharters.com)).

Submit your response at the following email address: [mpierdinock@lightshipengineering.com](mailto:mpierdinock@lightshipengineering.com)

### *Scuttlebutt*

The EPA Risk Management Program ("RMP") rule, 40 CFR Part 68, was promulgated in June 1996. If you are the owner or operator of an RMP facility (a facility possessing greater than certain threshold quantities of 140 listed chemicals), EPA's Chemical Accident Prevention regulations require that you fully update and resubmit your RMP at least once every 5 years. Examples of RMP facilities in Massachusetts include cold storage utilizing ammonia refrigeration, industrial gas manufacturing, and perishable prepared food manufacturing.

What about changes at your facility? If certain process changes occur at your facility prior to the 5-year anniversary of the originally submitted RMP, you must update and resubmit your RMP before those changes are made. The 5-year anniversary date is reset after each update and submittal.

Lightship Engineering conducts compliance Process Safety Management ("PSM") audits pursuant to 29 CFR 1910.119 and RMP audits pursuant to 40 CFR Part 68. If you require these services, please contact Felix Perriello, CHMM, CPG, LSP at the following email address:

[fperriello@lightshipengineering.com](mailto:fperriello@lightshipengineering.com)

