



2013 Prognostics and System Health Management Conference, PHM-2013

September 8-11, 2013, Milan, Italy

www.aidic.it/phm

CALL FOR PAPERS

PHM Applications for Marine System

Marine system includes marine transportation vessels, offshore energy production platforms, and some other related systems, they are critical to the daily operation and the future of our society.

Marine system that works offshore, usually faraway from land, has to work several days, months or even longer autonomously at water, it is usually impossible to get technical support from experts and spares from land, so it opposes unique challenge in operation to maintenance.

PHM related activities are critical for the reliable operation for marine systems, and researched more and more in the past years.

Examples of techniques of interest are:

- Onsite and remote condition monitoring;
- Information processing;
- Fault diagnostic and prognostic;
- Decision making;
- Artificial intelligence.

Examples of marine systems of interest are:

- Transportation vessels, containers, bulk carriers, oil tanks, etc;
- Offshore oil production platforms;
- Offshore wind farm production platforms;
- Ocean energy harvest systems, wave, current, etc.;
- And others that related to marine systems.

Please submit your abstract through the conference website

<http://www.aidic.it/phm/abstractsubmission.html>

by selecting the proper topic (special session number [32])

Also, please send a copy by email to the organizer of this special session.

Organizer:

Name: Professor Xinping Yan

Affiliation: Reliability Engineering Institute, School of Energy and Power Engineering,
Wuhan University of Technology, China

Email: xpyan@whut.edu.cn

Please submit your abstract by: October 23, 2012



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