Technical Bulletin N⁰ DP-03/2011

Kongsberg September 20 2011

This bulletin is relevant for, and distributed to clients having a Kongsberg Maritime redundant K-Pos system with the software versions in the range 7.0.0 - 7.0.9.

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K-Pos –master/slave automatic switchover incident

Description and background

An incident has been reported where the master computer stopped on a dual redundant K-Pos system and the switchover was not performed as expected.

The investigation has revealed that the master computer stopped due to a hardware failure. The sequence of events made the slave computer enter into a temporary error state (alarm "PS Incapable" reported) that prevented it to become online.

The existing procedure is to manually unlock the error state.
Reference made to DP operators manual, Chapter 7.2 "Redundant systems".

Permanent solution

A solution has been developed to automatically unlock the error state (PS Incapable) when the error no longer is present.
This software update must be installed and tested by a Kongsberg Maritime representative.
The update will be performed on a first come first serve basis, and the cost of the software update will be covered under KM standard warranty conditions.

For further information please contact Kongsberg Maritime, Customer Support:

Tel: + 47 815 35 355
E-mail: km.support.dp@kongsberg.com

Yours faithfully,
Jørn Mastervik

General Manager,
Global Customer Support Offshore
KONGSBERG MARITIME AS