

Specialized DP Operator Workspace for PSV Vessels

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Abstract

When oil companies in the North Sea started requiring two system operators on the bridge of platform support vessels (PSV) during certain operations, analyses of incident reports had indicated that the workload could be too high for one operator alone. This information encouraged Kongsberg Simrad to look at whether the working environment on PSV bridges could also be changed in other respects to improve safety and efficiency of operations.

Together with experienced system operators, Kongsberg Simrad evaluated several solutions and ended up by developing a new workplace for the PSV aft bridge. Here, the ergonomics of the DP operator positions has been improved and the position offers a wide range of possibilities for individual adjustments. Within the total workspace, the location of equipment has been carefully planned to support alternative schemes for sharing work between the two operators. In particular, this can be noticed in the arrangement of the positions for ship handling.

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