



LEVER AUTO CALIBRATION UPGRADE SOLUTION

Automatic calibration technology for speed levers through HMI touch panel

Automatic calibration technology

Calibration is a potential method to ensure the accuracy of any equipment. In case of a marine vessel, lever calibration is evolving and needs to be adjusted as incorrect calibration results in alarms on the levers. Power Conversion & Storage (PCS) - a GE Vernova's business - has developed a new function to be implemented on HMI touch panels. The main goal is to have the 'crew rectifying calibration without PCS's FSE intervention'. The new function can be installed onboard that allows to perform the levers calibration easily through the HMI touch panel. The process controller and HMI touch panel software will be updated onboard by PCS experts.



Buk-B lever



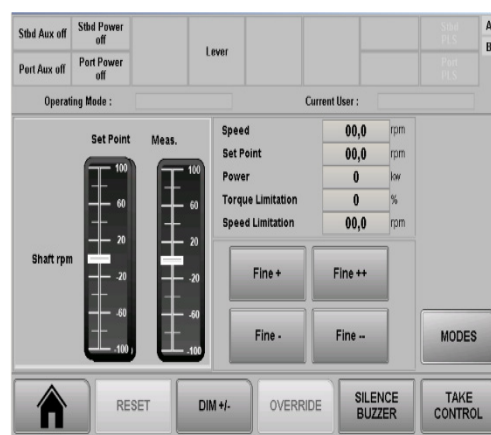
Buk-C lever

Benefits

- Helps to ensure the correctness of lever and I/O modules configuration at any time.
- Helps to prevent the lever damages from improper calibrations.
- Helps to avoid any alarms related to the lever calibration (lever position alarms).
- No hardware changes are required.
- This upgrade includes onboard testing, crew demonstrations, and vessel document modification.

Salient points

- It is applicable to drives with remote I/O with Buk B / C type levers connected to PT100 input 750-461/000-200 type.
- Field Service Engineer (FSE) implementation time on site will be 1 FSE day / vessel.
- PCS recommends to update this automatic calibration upgrade solution during the next dry dock.



Auto calibration screen on HMI

PCS services for a lifetime

PCS offers bespoke service support in the form of spares and replacement parts, onsite and remote technical support, maintenance services, upgrades, customized trainings and service agreements aimed at supporting customers based on their unique needs.

CONTACT US:
services.powerconversion@ge.com

