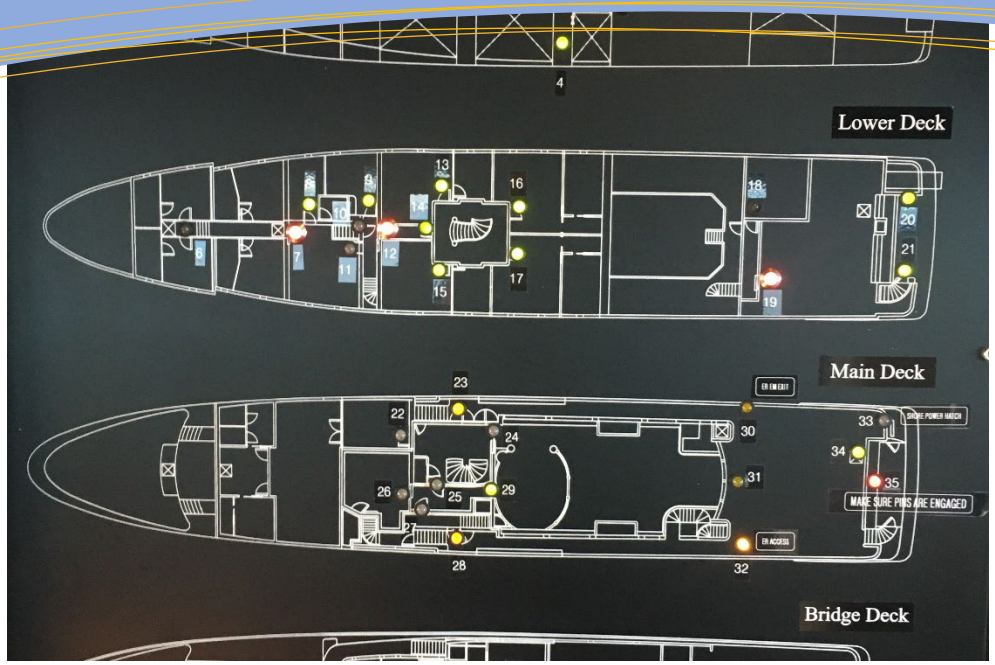
AMEA Services UK Completes Mimic Panel Overhaul



SYSTEM REVERSE ENGINEERED

No drawings available.

PANEL MOUNT LED'S INSTALLED

PCB type LED's renewed.

ADDITIONAL HMI INDICATION INSTALLED

Information also now displayed on monitoring screens.

FAILED SENSORS RENEWED

Defective proximity and limit switch sensors renewed

DRAWINGS HANDED OVER

Full drawings package handed over to customer

Introduction

A client had an issue with their doors and hatches indication mimic panel located on the bridge.

It was found that the original installer had used PCB LED's, rather than panel mount variants and many of the legs which are brittle had snapped when removing the panel for maintenance purposes.

The colour coding used for indication was misleading and was not uniform throughout the mimic causing confusion (as above).

Furthermore, there were no drawings available.

Solution

- Reverse engineer of existing system to ascertain connections.
- Replacement of all LED lights to single colour green type. New colour code implemented. 'Green=closed' 'off=open'
- PLC installed and additional indication programmed to monitoring screens by creating additional pages.
- Failed door proximities and limit switches sourced and replaced where necessary.
- Full system test performed.
- Drawings provided to customer.

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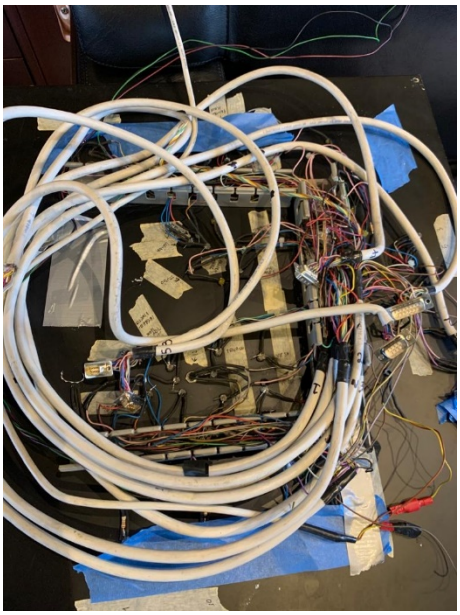

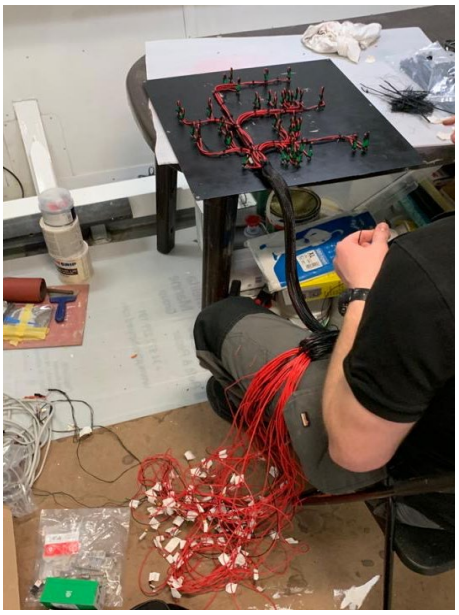

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