

Engineering Department

Engineering Change Order (ECO)

ECO #: VB-001X-01

Effective Date: August 15, 2016

Title: Replacing obsolete Video Balun in scout & Explorer ROVs

Author: GD
 Engineering Approval: aeg
 Operations Approval: JJV

Date: August 15, 2016
 Date: August 15, 2016
 Date: August 16, 2016

Summary:

Video Balun used in Scout & Explorer ROV series has become obsolete. This ECO addresses the implementation of replacement Video Balun.

Parts Affected:

Part Number	Notes	Removed	Added	New	Modified
VB-001XS	Video Balun	☐	☐	☐	☒

Detail:

The Scout & Explorer ROVs use an OEM Video Balun to transmit video signal originated in the ROV's camera to top controller box via long tethers. The specific Video Balun used for this purpose has become obsolete (UV-BL3265) and the BOM has to be updated with the new placement (UV-BL4850). This ECO records new changes together with subsequent follow up actions in related departments.

Action Item:

Action	Department	Acknowledgement Initials
Updated Epicor with VR P/N VB-001XS to reflect the updated OEM part number (UV-BL4850)	Engineering	RN
Update Contract Manufacturer (Strube)	Purchasing	NS

Modified / Referenced Documents:

Document	Current Revision
BL4850 Scout_VideoBalun.pdf	Vendor Datasheet

Revision Table:

Revision	Initials	Date	Comments
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