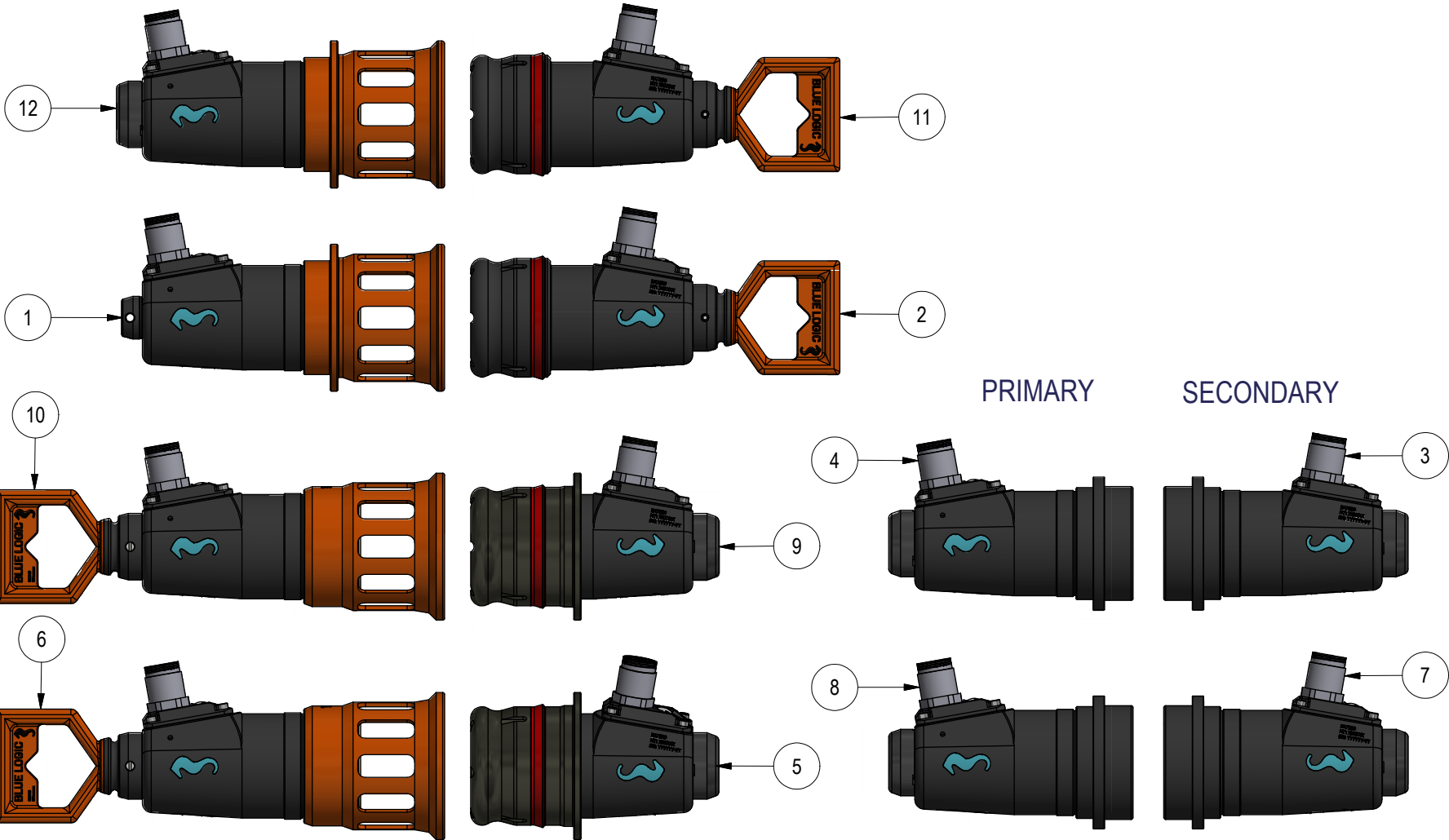


Parts List				Parts List			
ITEM	PART No.	TITLE	e-Sea WebLink	ITEM	PART No.	TITLE	e-Sea WebLink
7	BA8400	250W Inductive Connector Secondary Side wFlange RS232	http://e-sea.bluelogic.no/main.aspx?page=article&artno=BA8400	1	BB4169	250W Inductive Connector Primary Side RS485	on request
8	BA8399	250W Inductive Connector Primary Side wFlange RS232	http://e-sea.bluelogic.no/main.aspx?page=article&artno=BA8399	2	BB4168	250W Inductive Stab Secondary Side RS485	http://e-sea.bluelogic.no/main.aspx?page=article&artno=BB4168
9	BA7754	250W Inductive Connector Secondary Side wFlange RS232	http://e-sea.bluelogic.no/main.aspx?page=article&artno=BA7754	3	BB4165	250W Inductive Connector Secondary Side wFlange RS485	on request
10	BA7752	250W Inductive Connector Primary Side wROV Handle RS232	http://e-sea.bluelogic.no/main.aspx?page=article&artno=BA7752	4	BB4164	250W Inductive Connector Primary Side wFlange RS485	on request
11	BA6728	250W Inductive Connector Secondary Side RS232	http://e-sea.bluelogic.no/main.aspx?page=article&artno=BA6728	5	BA9962	250W Inductive Connector Secondary Side wFlange RS485	http://e-sea.bluelogic.no/main.aspx?page=article&artno=BA9962
12	BA6727	250W Inductive Connector Primary Side RS232	http://e-sea.bluelogic.no/main.aspx?page=article&artno=BA6727	6	BA9961	250W Inductive Connector Primary Side wROV Handle RS485	http://e-sea.bluelogic.no/main.aspx?page=article&artno=BA9961

INTERVENTION PROGRAM

PRIMARY

SECONDARY



NOTE: 1

ADDITIONAL INFORMATION:

The Subsea USB 250W system is based on the Unplugged inductive technology for transfer of electrical power and communication subsea. The 250W connector system is part of the complete "Subsea-USB" system covering power range from 50W to 3000W with communication speeds up to 1 Gbit/s.

In general, each Inductive system consists of a Primary (TX) and a Secondary (RX) side installed in a ROV friendly housing. The power is transferred from the Primary side to the Secondary side whilst communication is operated in full duplex.

The Subsea-USB Connectors can be configured in the following alternatives:

1. Manually operated by hand
2. ROV operated.
3. Bulkhead piggy backed on other equipment.
4. Combined with hydraulic connector thus allowing for electrical power, communication and hydraulic connections to be made up using the same connector assembly.

100-250VAC or 145-350VDC input voltage and 24VDC/voltage output on the secondary side. The inductive coils are galvanically sealed from each other and can be looked at as a 1 to 1 transformer. The 250W system has 10pin Subconn connector where RS232 or RS485 (230kbps) can be configured together with Ethernet (80Mbps) and Power. You can have RS232 configured on the Secondary side (tool side) and RS485 configured on the primary side (ROV side). Most systems are rated to 3000m water depth.

As an option the output voltage can be configured to 325VDC to supply another primary connector in order to make a jumper with inductive connector in both ends.

The system can be delivered in the following material types: Aluminium or Super duplex. It is recommended to always include the connector in the CP protection system and make sure it is in galvanic contact. Aluminium is designed for short-term (intervention) use. Super Duplex version has a design life of 3-5 years.

FOR INFORMATION ONLY							 SUBSEA USB		Dwg Scale: NTS		Drawing title: USB-B 250W Program Gen1		
02 15.2.2024		3-IFI (Issued for Information)				Dwg Proj:							
01 7.12.2015		3-IFI (Issued for Information)				Dwg Format: A3							
Rev.	Date	Reason for issue	Revision change	Made	Chk'd	Appr.					Drawing number: BA7751		

Parts List			
ITEM	PART No.	TITLE	e-Sea WebLink
1	BB4219	Type B 250W Secondary Test Level Long-term V2	https://e-sea.bluelogic.no/main.aspx?page=article&artno=BB4219
2	BB4214	Type B 250W Primary Flat Inductive Long Term	https://e-sea.bluelogic.no/main.aspx?page=article&artno=BB4214

LONG-TERM PROGRAM

PRIMARY

SECONDARY

