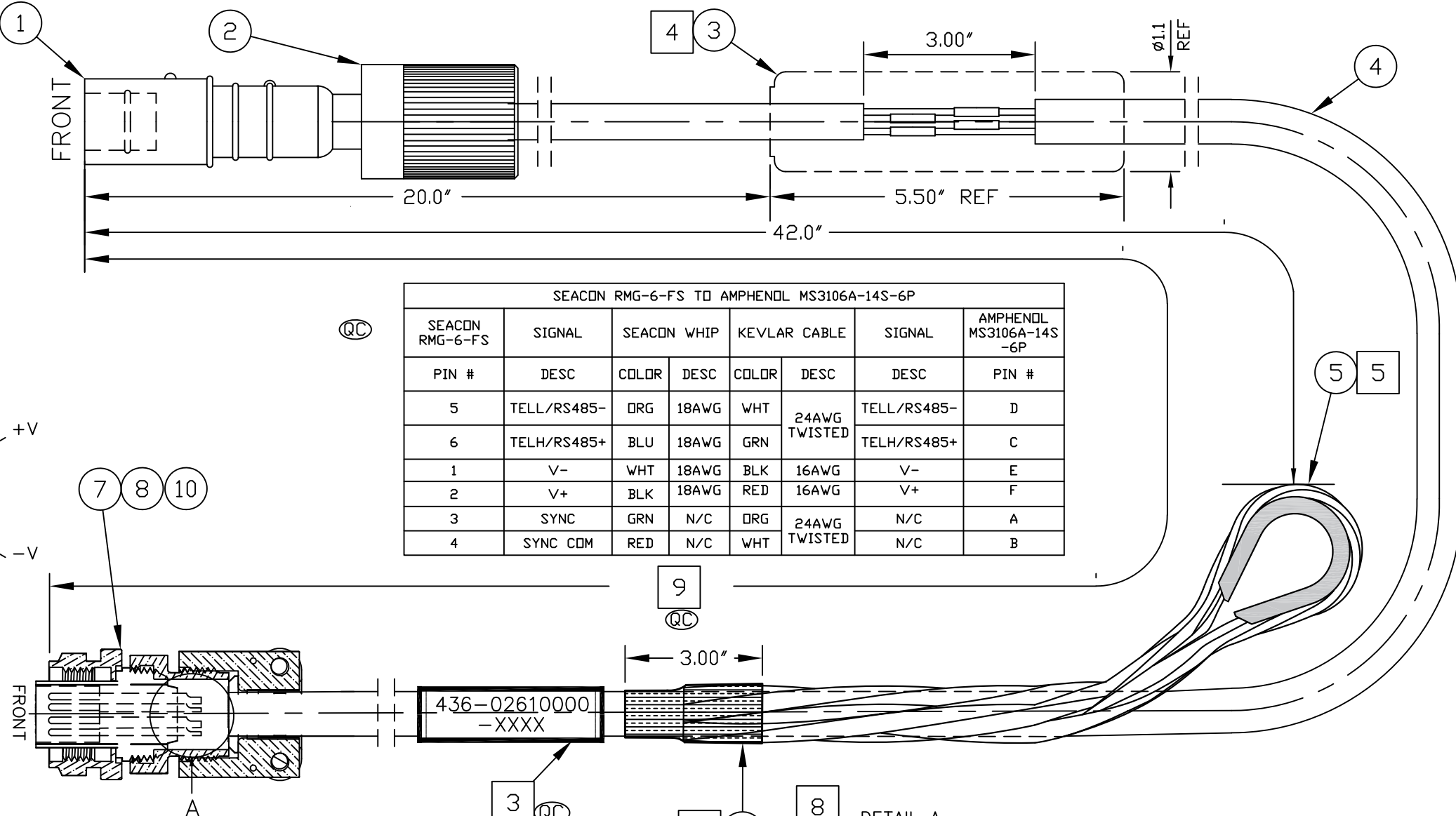
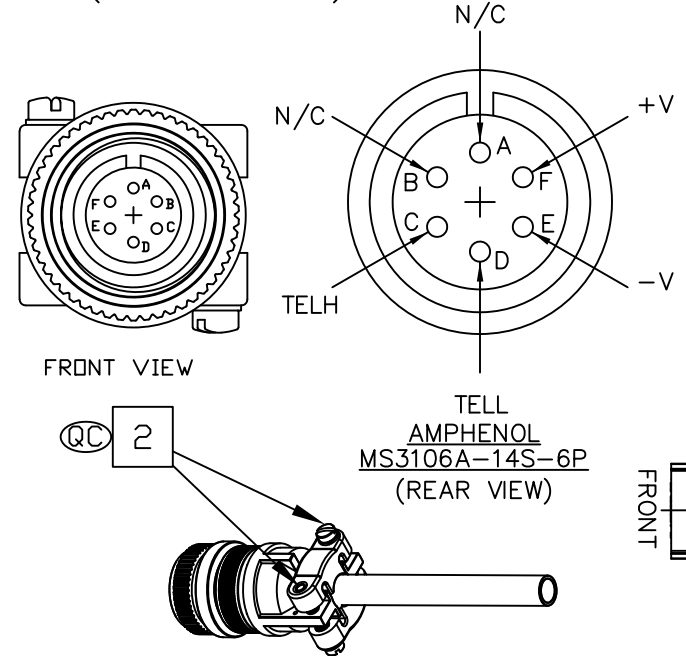
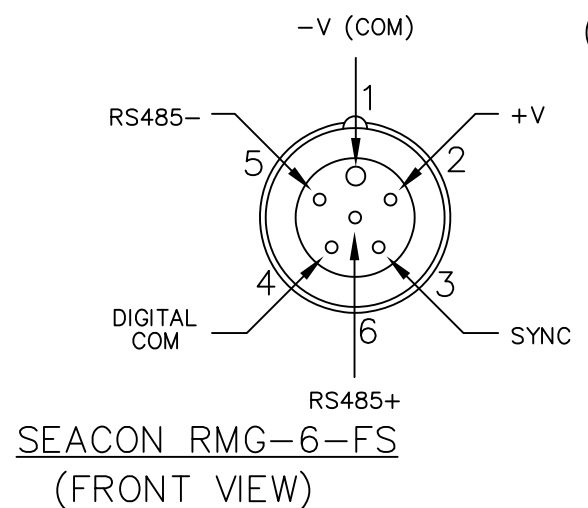


THIS COPY WILL BE UNCONTROLLED WHEN PRINTED



SEACON RMG-6-FS TO AMPHENOL MS3106A-14S-6P							
SEACON RMG-6-FS	SIGNAL	SEACON WHIP	KEVLAR CABLE	SIGNAL	AMPHENOL MS3106A-14S-6P		
PIN #	DESC	COLOR	DESC	COLOR	DESC	DESC	PIN #
5	TELL/RS485-	DRG	18AWG	WHT	24AWG TWISTED	TELL/RS485-	D
6	TELL/RS485+	BLU	18AWG	GRN		TELL/RS485+	C
1	V-	WHT	18AWG	BLK	16AWG	V-	E
2	V+	BLK	18AWG	RED	16AWG	V+	F
3	SYNC	GRN	N/C	DRG	24AWG TWISTED	N/C	A
4	SYNC COM	RED	N/C	WHT		N/C	B

- NOTES:**
- ALL PARTS AND PROCESSES USED ON THIS ASSEMBLY MUST COMPLY WITH THE RoHS DIRECTIVE
 - FOR TOLERANCES PLEASE REFER TO THE TABLE.
 - TIGHTEN THE SCREWS WITH TORQUE SCREW DRIVER SET AT 5Nm
 - BEFORE INSTALLING THE CONNECTOR:
PRINT PART# USING 1/8" BLACK TEXT ON WHITE, THEN COVER WITH CLEAR HEATSHRINK.
 - BEFORE MOLDING: INSERT HEATSHRINK FIRST, THEN KELLEMS GRIP STRAIN RELIEF AND THEN SOLDER WIRES.
MOLDING DETAILS:
-ABRADE CABLE JACKET WITH 240 WET/DRY PAPER.
-POSITION MOLD ALONG CABLE PER ABOVE AND POT WITH 3M SCOTCHCAST 2131 (ITEM3).
 - ORIENT KELLEMS GRIP ATTACHMENT HOOK (ITEM 5) TOWARDS PIGTAIL (ITEM 1).
 - WRAP 1.50" OF WHIPPING USING BLUE THROW/TYING LINE AND COVER WITH HEATSHRINK, REFER TO ASSEMBLY PROCEDURE LISTED IN THE BOM.
 - USE TWO SHELLS (ITEM 8) WHEN TERMINATING CABLE END. DISCARD SLEEVE, AND LOCKNUT AS NOTED ON BOM.
 - COVER EACH SOLDER JOINT WITH HEATSHRINK.
 - LENGTH IN FT= XXXX IN PART# 436-OPPP0000-XXXX.
 - IMPORTANT TO CHECK.

CABLE AND WIRE LENGTH TOLERANCE		APPROVALS	NAME	DATE
≤1 FT	+1 IN -0 IN	DRAWN	DL	2009-DEC-23
>1 FT-5 FT	+2 IN -0 IN	REVISD	DM	2023-NOV-21
>5 FT-10 FT	+4 IN -0 IN	ENGR		
>10 FT-25 FT	+6 IN -0 IN	CHECKED		
>25 FT	+5% -0%	PRDD		
		QA		
		ISSUED		

ISS	DESCRIPTION	DATE
1.7	ECD-6647	2023-NOV-21
1.6	ECD-6635	2023-OCT-10
1.5	ECD-6620	2023-AUG-08
1.4	ECD-6522	2023-JAN-31
1.3	ECD-5534	2015-JUL-07
1.2	ECD-5116	2013-AUG-22
1.1	ECD-5073	2013-FEB-22

REVISIONS

Kongsberg Discovery Canada Ltd.

**CABLE ASSEMBLY
MODEL 1171 SONAR TO PROCESSOR**

SIZE B	W.D. NO. 436-02611000	ISS 1.7
SCALE: NTS	SHEET 1 OF 1	

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