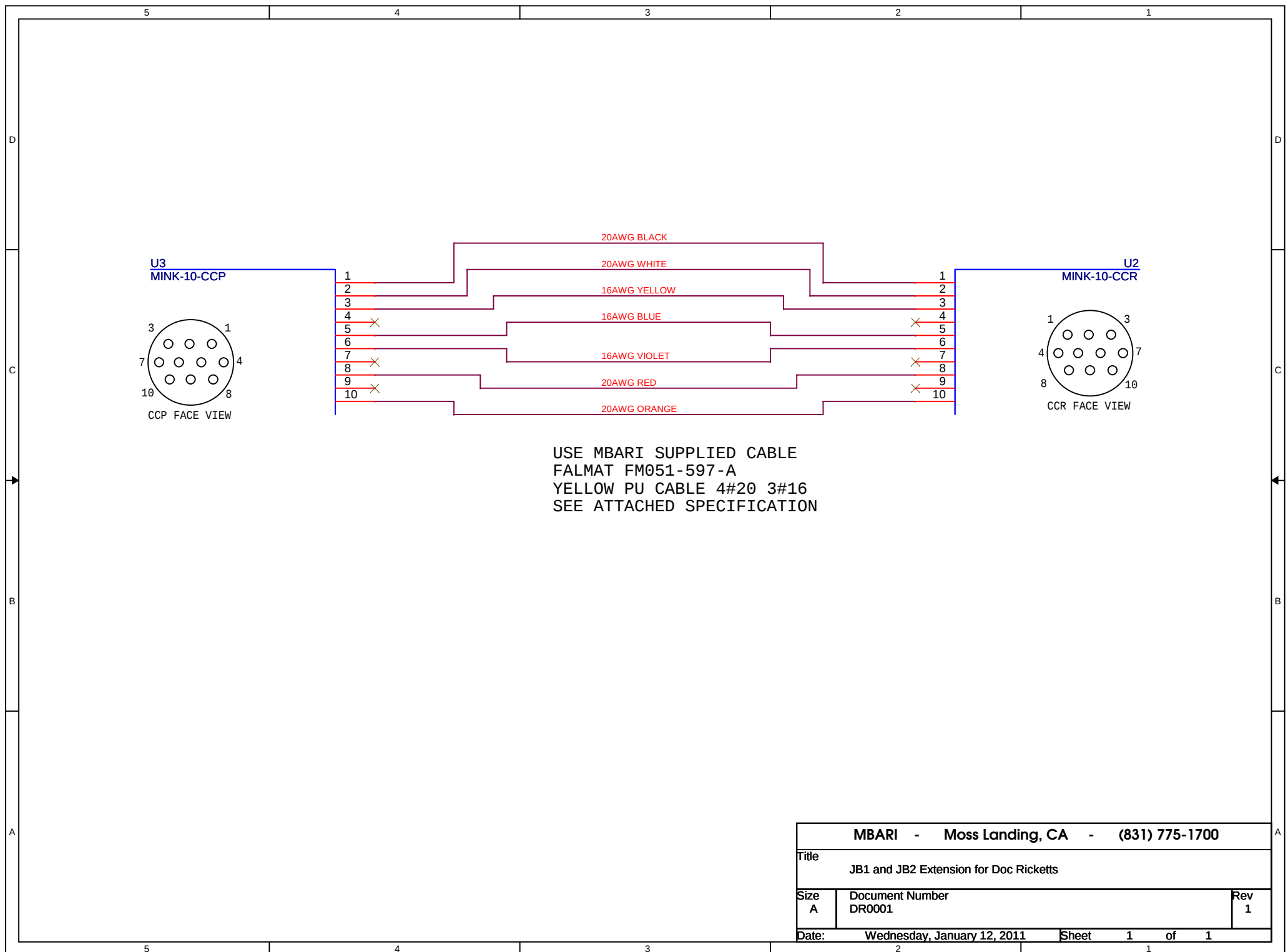
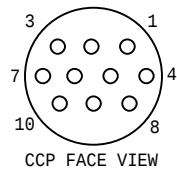




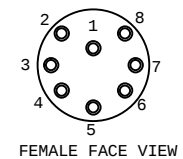
MBARI - Moss Landing, CA - (831) 775-1700		
Title JB1 and JB2 Extension for Doc Ricketts		
Size A	Document Number DR0001	Rev 1
Date: Wednesday, January 12, 2011		
Sheet 1 of 1		

J1-1
MINK-10-CCP



- 1 BLACK
- 2 RED
- 3 ORANGE
- 4
- 5 X YELLOW
- 6 GREEN
- 7
- 8 X BLUE
- 9
- 10 X GREY

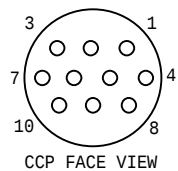
TRITECH IGC GYROCOMPASS
SUBCONN MCIL8F



USE 15 FT MBARI SUPPLIED CABLE
FALMAT FM102-495C REV B
ORANGE JACKET 7#20AWG
SEE ATTACHED SPECIFICATION

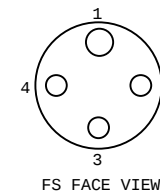
MBARI - Moss Landing, CA - (831) 775-1700			
Title		JB1-1 WET CABLE ASSEMBLY (TRITECH IGC GYROCOMPASS)	
Size A	Document Number DR0002		Rev 1
Date: Monday, January 10, 2011		Sheet 1 of 1	

J1-2
MINK-10-CCP



1 BLACK
2 RED
3 ORANGE
4
5 X YELLOW
6 GREEN
7
8 X BLUE
9
10 X GREY

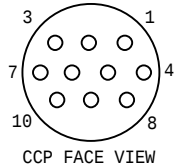
PAROSCIENTIFIC DEPTH
IMPULSE RMG-4-FS



USE 5 FT MBARI SUPPLIED CABLE
FALMAT FM102-495C REV B
ORANGE JACKET 7#20AWG
SEE ATTACHED SPECIFICATION

MBARI - Moss Landing, CA - (831) 775-1700		
Title JB1-2 WET CABLE ASSEMBLY (PAROSCIENTIFIC PRESSURE SENSOR)		
Size A	Document Number DR0003	Rev 1
Date:	Monday, January 10, 2011	Sheet 1 of 1

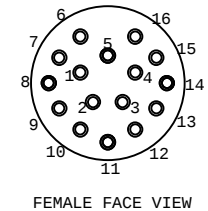
J1-3
MINK-10-CCP



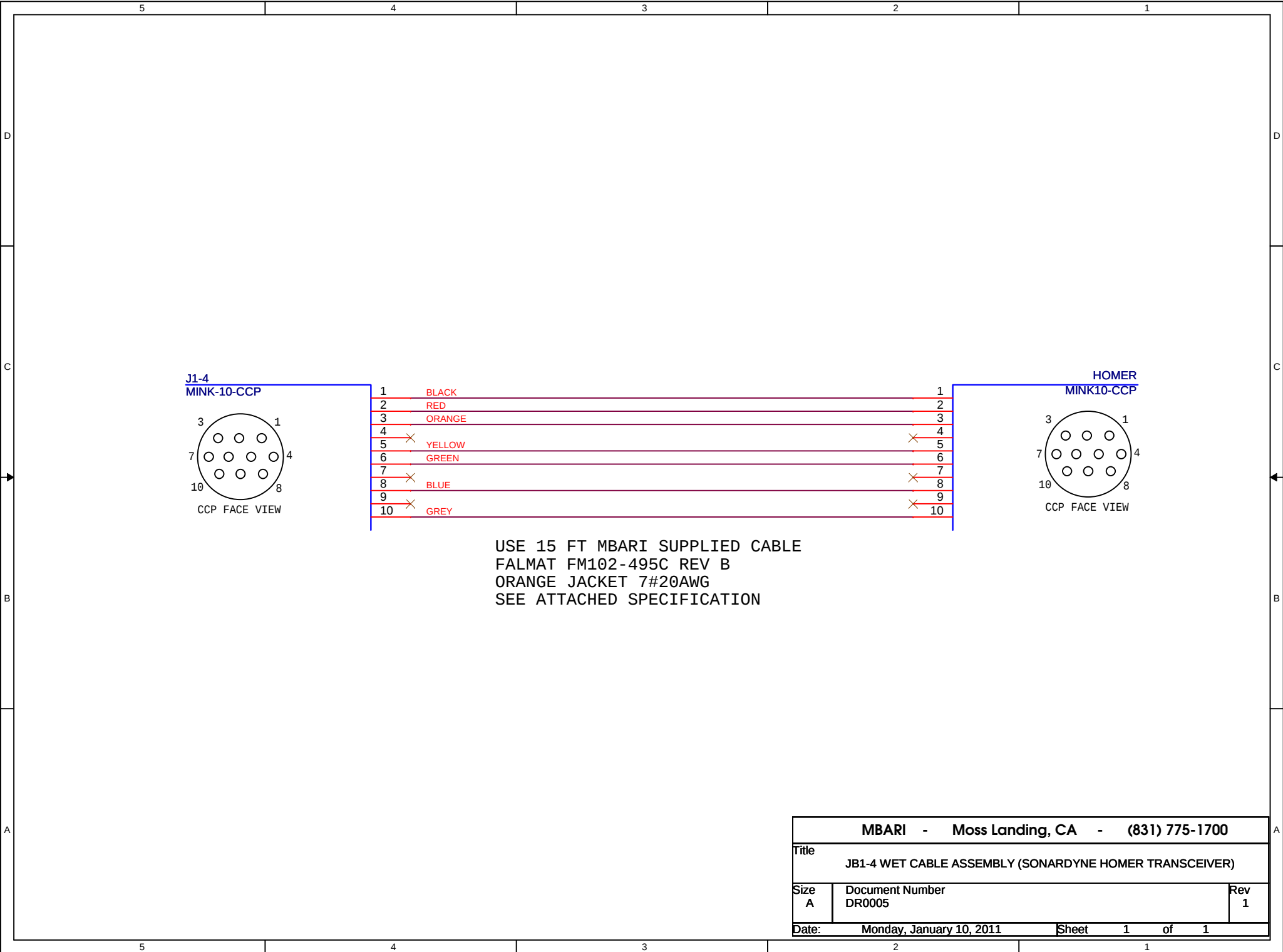
1 BLACK
2 RED
3 ORANGE
4 X
5 YELLOW
6 GREEN
7 X
8 BLUE
9 X
10 GREY

USE 10 FT MBARI SUPPLIED CABLE
FALMAT FM102-495C REV B
ORANGE JACKET 7#20AWG
SEE ATTACHED SPECIFICATION

OCTANS GYROCOMPASS
SUBCONN MCIL16F



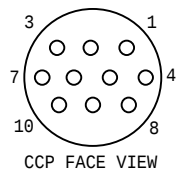
MBARI - Moss Landing, CA - (831) 775-1700		
Title JB1-3 WET CABLE ASSEMBLY (IXSEA OCTANS GYROCOMPASS)		
Size A	Document Number DR0004	Rev 1
Date: Monday, January 10, 2011		
Sheet 1 of 1		



USE 15 FT MBARI SUPPLIED CABLE
FALMAT FM102-495C REV B
ORANGE JACKET 7#20AWG
SEE ATTACHED SPECIFICATION

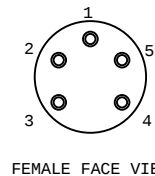
MBARI - Moss Landing, CA - (831) 775-1700		
Title JB1-4 WET CABLE ASSEMBLY (SONARDYNE HOMER TRANSCEIVER)		
Size A	Document Number DR0005	Rev 1
Date: Monday, January 10, 2011 Sheet 1 of 1		

J1-5
MINK-10-CCP



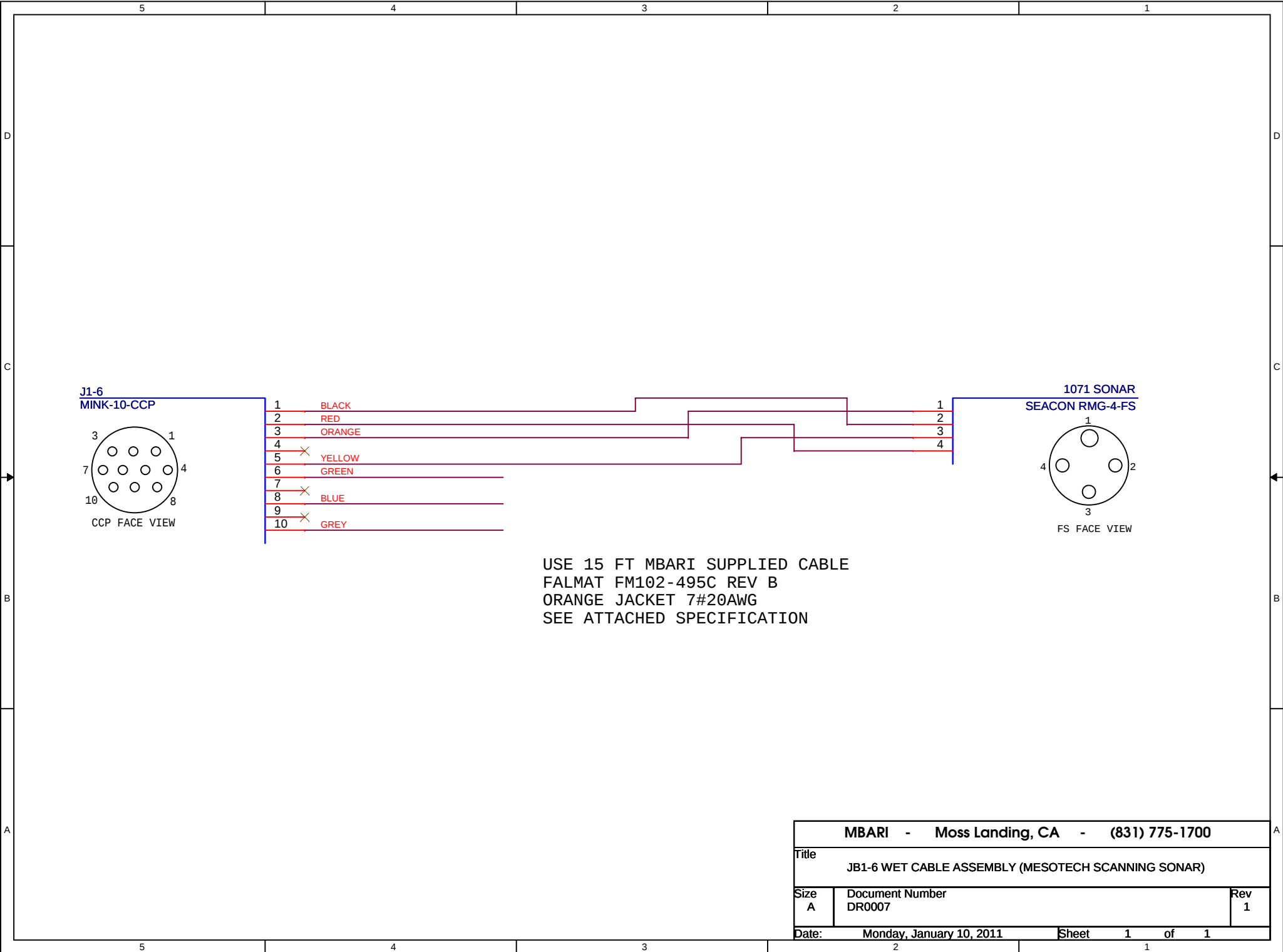
1 BLACK
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3 ORANGE
4
5 X YELLOW
6 GREEN
7
8 X BLUE
9
10 X GREY

SONARDYNE RESPONDER
SUBCONN MCIL5F

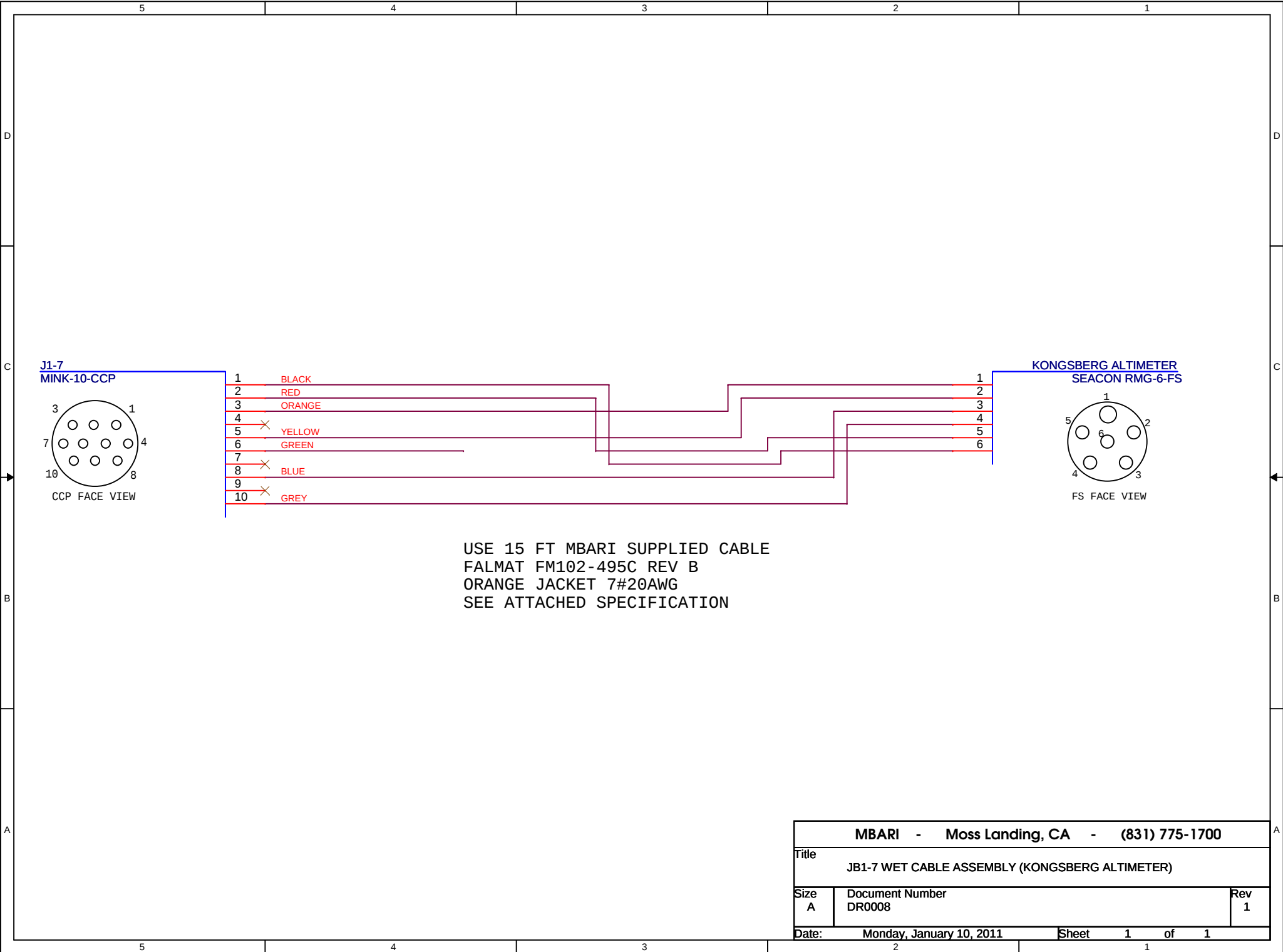


USE 15 FT MBARI SUPPLIED CABLE
FALMAT FM102-495C REV B
ORANGE JACKET 7#20AWG
SEE ATTACHED SPECIFICATION

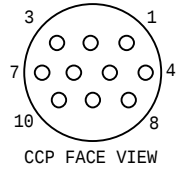
MBARI - Moss Landing, CA - (831) 775-1700		
Title JB1-5 WET CABLE ASSEMBLY (SONARDYNE WSM RESPONDER BEACON)		
Size A	Document Number DR0006	Rev 1
Date:	Monday, January 10, 2011	Sheet 1 of 1



MBARI - Moss Landing, CA - (831) 775-1700		
Title JB1-6 WET CABLE ASSEMBLY (MESOTECH SCANNING SONAR)		
Size A	Document Number DR0007	Rev 1
Date:	Monday, January 10, 2011	Sheet 1 of 1

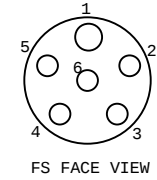


J1-7
MINK-10-CCP



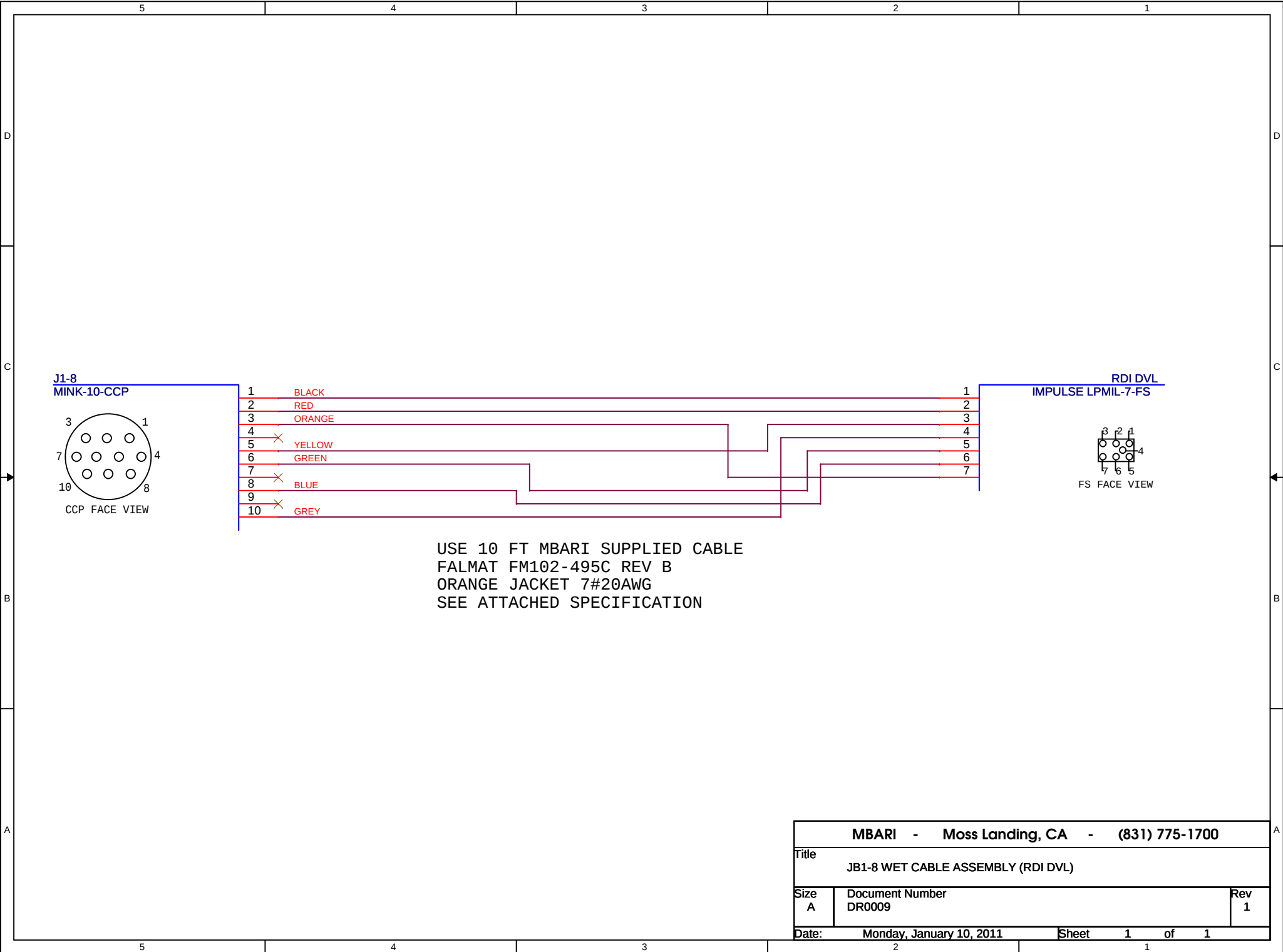
- 1 BLACK
- 2 RED
- 3 ORANGE
- 4 YELLOW
- 5 GREEN
- 6 BLUE
- 7 GREY
- 8
- 9
- 10

KONGSBERG ALTIMETER
SEACON RMG-6-FS



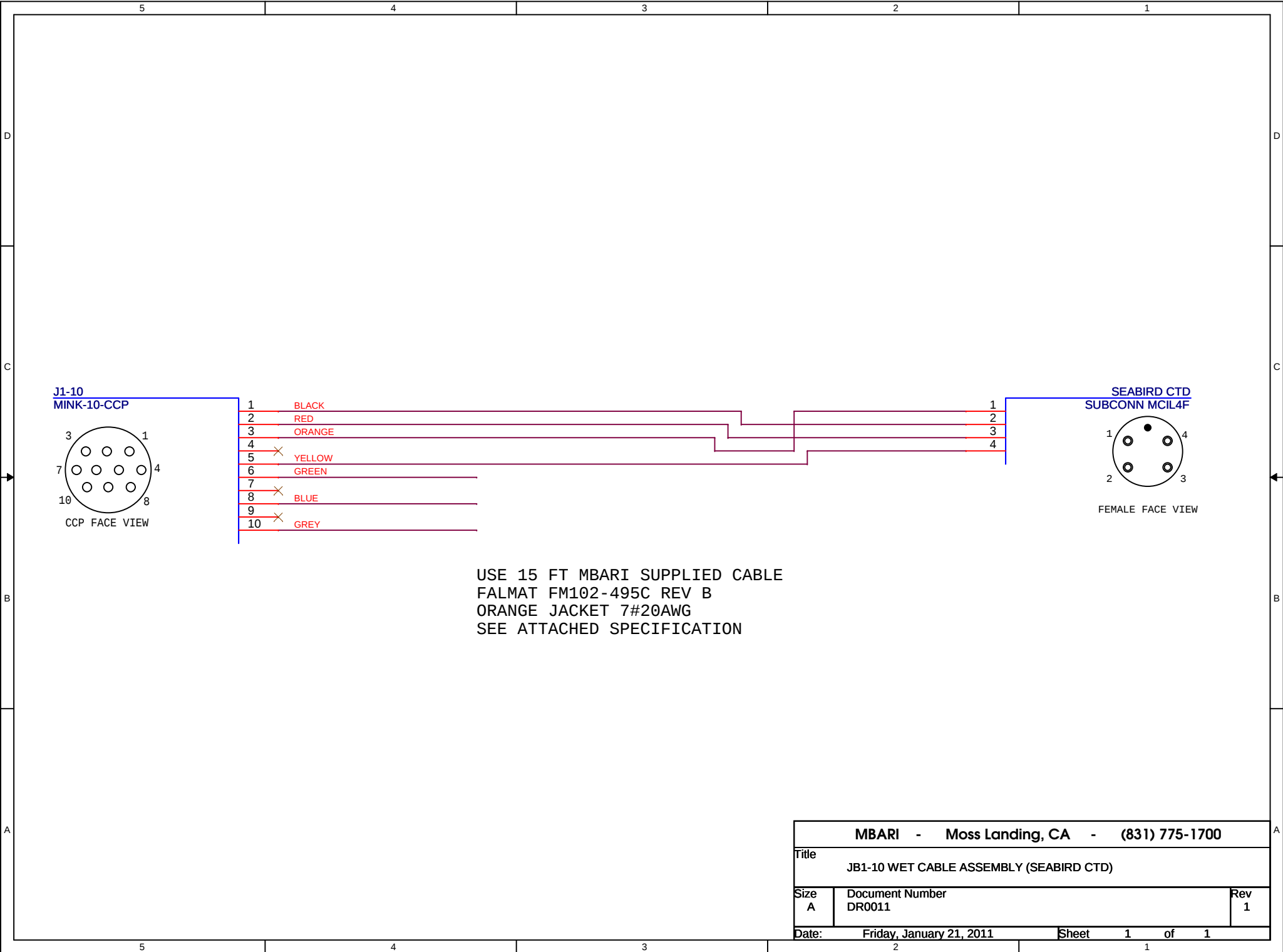
USE 15 FT MBARI SUPPLIED CABLE
FALMAT FM102-495C REV B
ORANGE JACKET 7#20AWG
SEE ATTACHED SPECIFICATION

MBARI - Moss Landing, CA - (831) 775-1700			
Title JB1-7 WET CABLE ASSEMBLY (KONGSBERG ALTIMETER)			
Size A	Document Number DR0008		Rev 1
Date:	Monday, January 10, 2011		Sheet 1 of 1

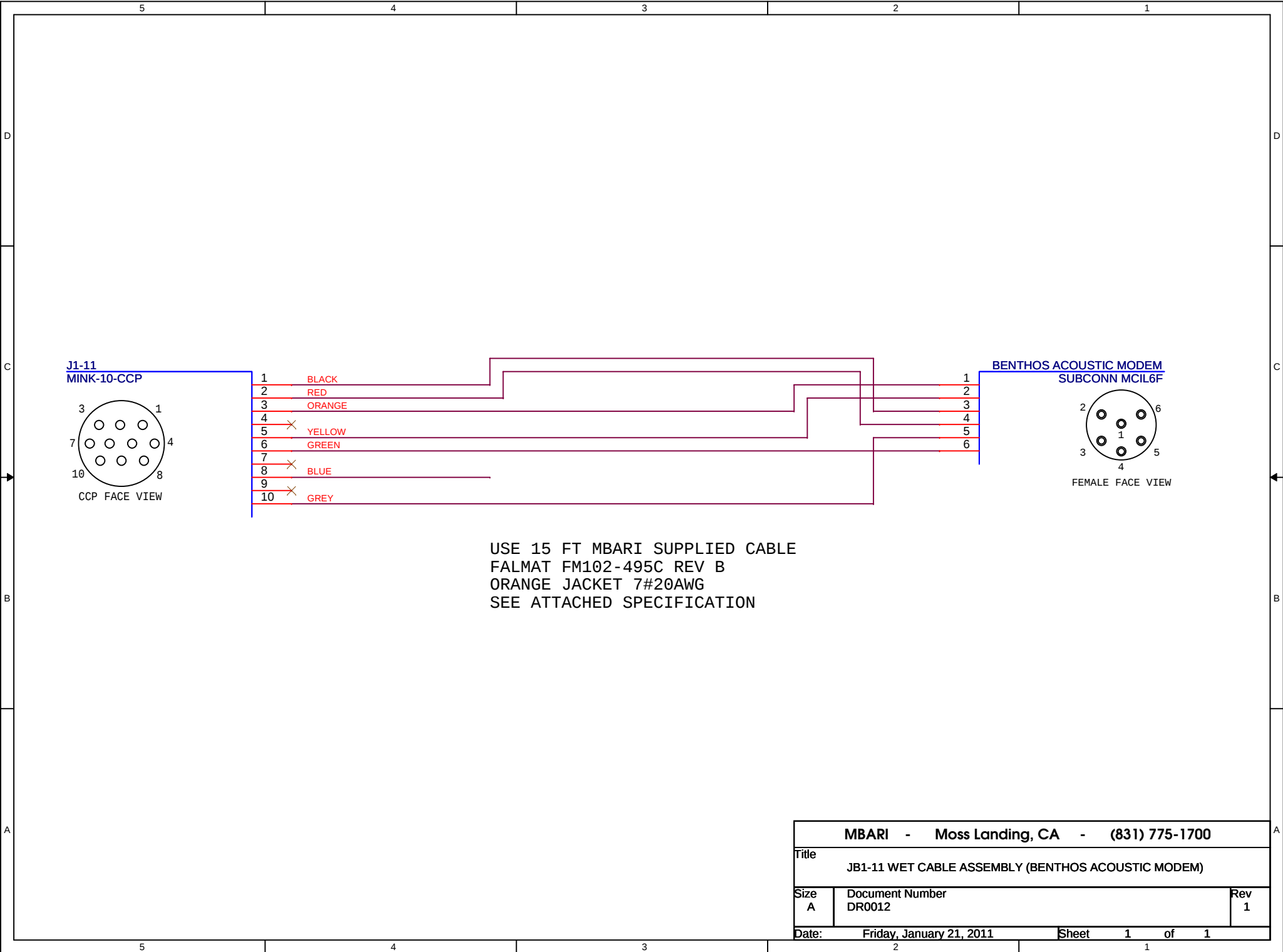


USE 10 FT MBARI SUPPLIED CABLE
FALMAT FM102-495C REV B
ORANGE JACKET 7#20AWG
SEE ATTACHED SPECIFICATION

MBARI - Moss Landing, CA - (831) 775-1700		
Title JB1-8 WET CABLE ASSEMBLY (RDI DVL)		
Size A	Document Number DR0009	Rev 1
Date: Monday, January 10, 2011		Sheet 1 of 1

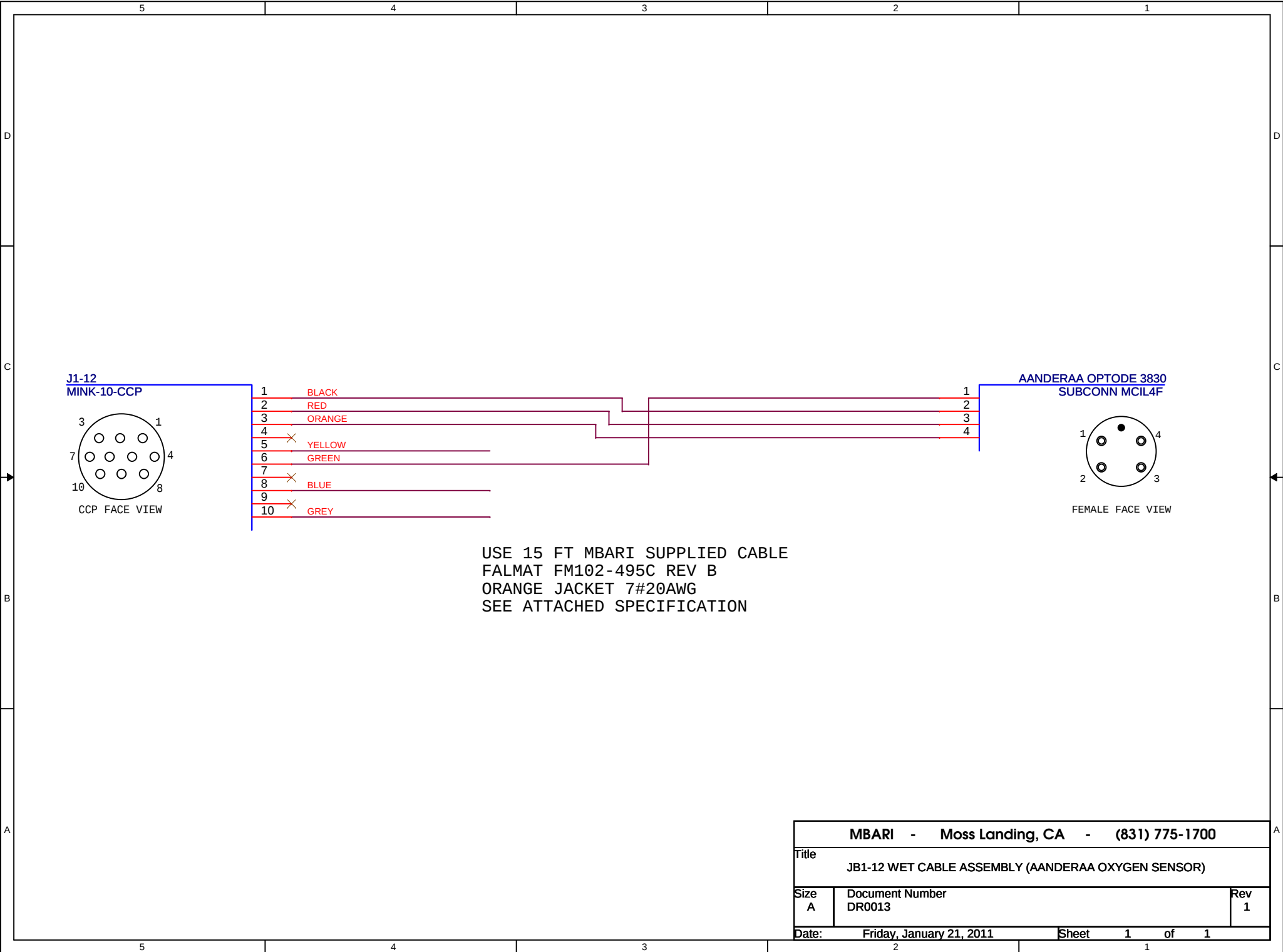


MBARI - Moss Landing, CA - (831) 775-1700		
Title JB1-10 WET CABLE ASSEMBLY (SEABIRD CTD)		
Size A	Document Number DR0011	Rev 1
Date:	Friday, January 21, 2011	Sheet 1 of 1



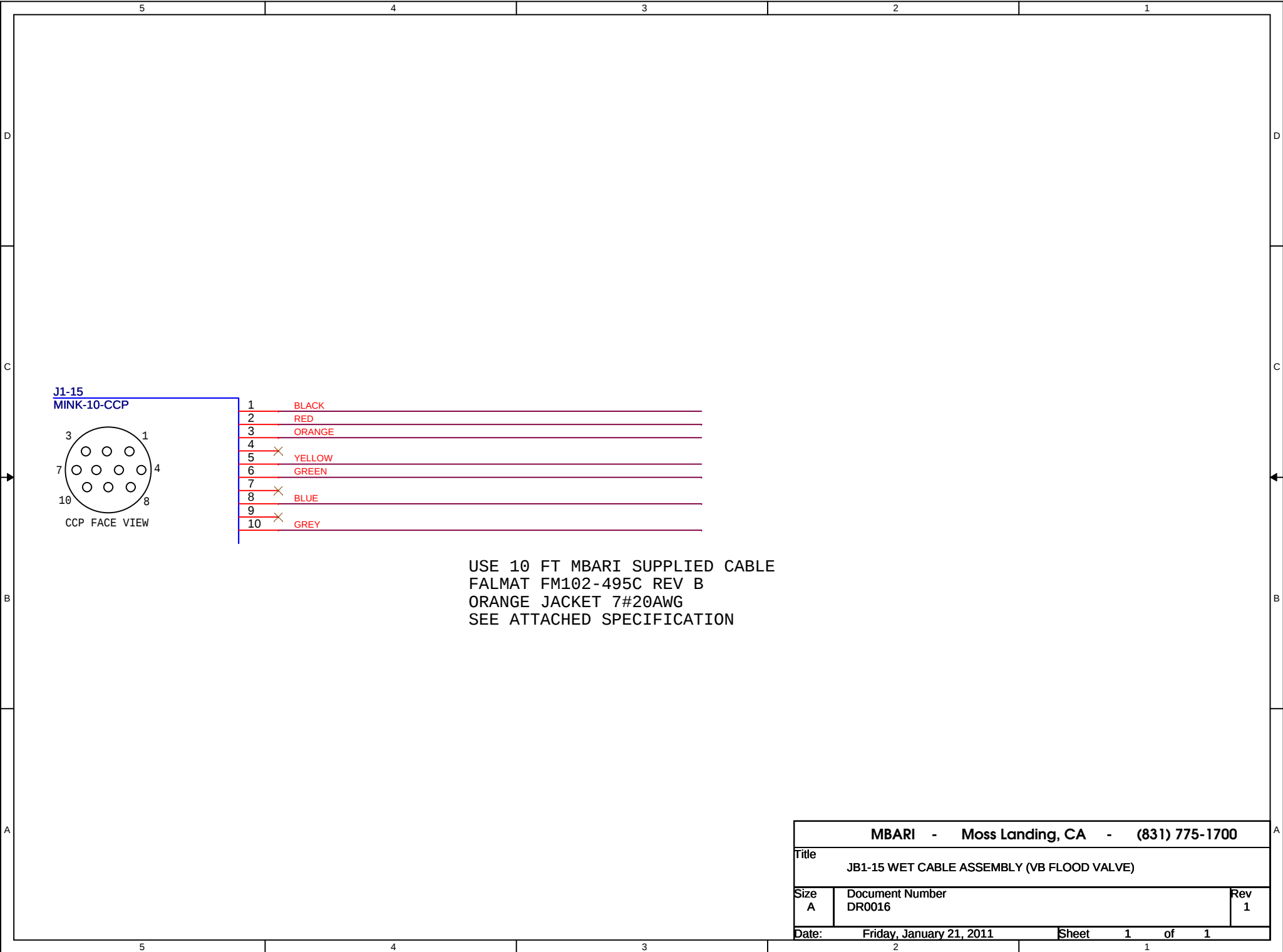
USE 15 FT MBARI SUPPLIED CABLE
FALMAT FM102-495C REV B
ORANGE JACKET 7#20AWG
SEE ATTACHED SPECIFICATION

MBARI - Moss Landing, CA - (831) 775-1700			
Title JB1-11 WET CABLE ASSEMBLY (BENTHOS ACOUSTIC MODEM)			
Size A	Document Number DR0012		Rev 1
Date: Friday, January 21, 2011		Sheet 1 of 1	



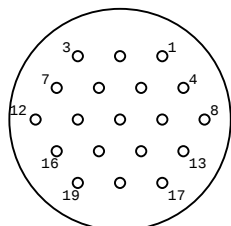
USE 15 FT MBARI SUPPLIED CABLE
FALMAT FM102-495C REV B
ORANGE JACKET 7#20AWG
SEE ATTACHED SPECIFICATION

MBARI - Moss Landing, CA - (831) 775-1700		
Title JB1-12 WET CABLE ASSEMBLY (AANDERAA OXYGEN SENSOR)		
Size A	Document Number DR0013	Rev 1
Date: Friday, January 21, 2011		
Sheet 1 of 1		



MBARI - Moss Landing, CA - (831) 775-1700		
Title		
JB1-15 WET CABLE ASSEMBLY (VB FLOOD VALVE)		
Size	Document Number	Rev
A	DR0016	1
Date:	Friday, January 21, 2011	Sheet 1 of 1

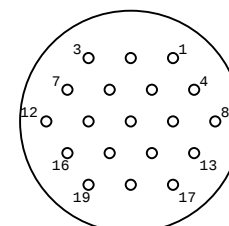
J2-1
MINK-19-CCP



CCP FACE VIEW

- 1 TP 20AWG ORG
- 2 TP 20AWG BLU
- 3 20AWG GRN
- 4 COAX#1 SHLD
- 5 TP 20AWG GRY
- 6 TINNED CU DRAIN
- 7 TRIAD 22AWG RED
- 8 COAX#1 CORE
- 9 COAX#2 SHLD
- 10 TP 20AWG BRN
- 11 TRIAD 22AWG BLK & TRIAD SHLD
- 12 TRIAD 22AWG WHT
- 13 COAX#2 CORE
- 14 COAX#3 SHLD
- 15 COAX#4 SHLD
- 16 COAX#5 SHLD
- 17 COAX#3 CORE
- 18 COAX#4 CORE
- 19 COAX#5 CORE

INSITE ZEUS
MINK-19-CCP



CCP FACE VIEW

USE 17 FT MBARI SUPPLIED CABLE
FALMAT FM072-895 REV A
BLUE PU JACKET
SEE ATTACHED SPECIFICATION

NOTE: TRIAD IS ACTUALLY SHIELDED,
ATTACH TO PIN 11 WITH TRIAD BLACK

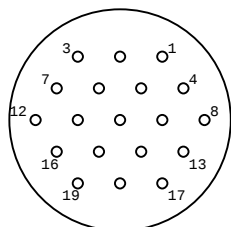
MBARI - Moss Landing, CA - (831) 775-1700

Title
JB2-1 WET CABLE ASSEMBLY (INSITE ZEUS HDTV CAMERA)

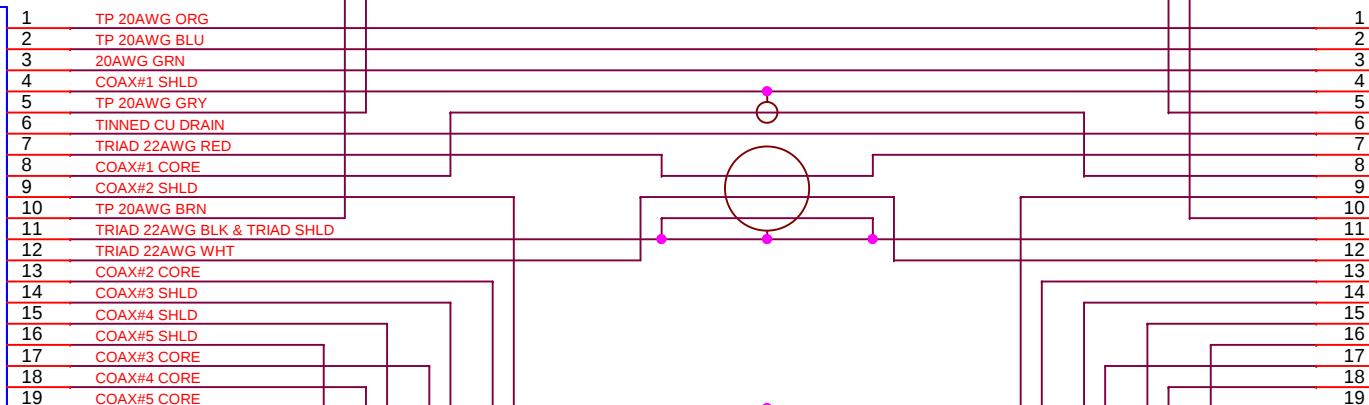
Size A	Document Number DR0018	Rev 2
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Date: Friday, January 21, 2011 Sheet 1 of 1

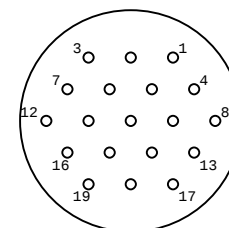
J2-2
MINK-19-CCP



CCP FACE VIEW



INSITE MINI-ZEUS
MINK-19-CCP



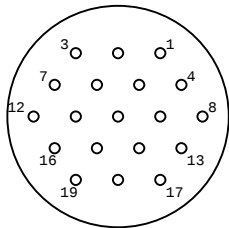
CCP FACE VIEW

USE 17 FT MBARI SUPPLIED CABLE
FALMAT FM072-895 REV A
BLUE PU JACKET
SEE ATTACHED SPECIFICATION

NOTE: TRIAD IS ACTUALLY SHIELDED,
ATTACH TO PIN 11 WITH TRIAD BLACK

MBARI - Moss Landing, CA - (831) 775-1700		
Title JB2-2 WET CABLE ASSEMBLY (PILOT MINI ZEUS)		
Size A	Document Number DR0019	Rev 2
Date: Friday, January 21, 2011	Sheet 1 of 1	

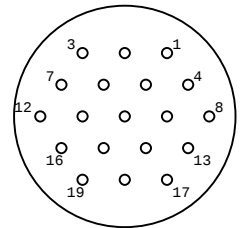
J2-3
MINK-19-CCP



CCP FACE VIEW

- 1 TP 20AWG ORG
- 2 TP 20AWG BLU
- 3 20AWG GRN
- 4 COAX#1 SHLD
- 5 TP 20AWG GRY
- 6 TINNED CU DRAIN
- 7 TRIAD 22AWG RED
- 8 COAX#1 CORE
- 9 COAX#2 SHLD
- 10 TP 20AWG BRN
- 11 TRIAD 22AWG BLK & TRIAD SHLD
- 12 TRIAD 22AWG WHT
- 13 COAX#2 CORE
- 14 COAX#3 SHLD
- 15 COAX#4 SHLD
- 16 COAX#5 SHLD
- 17 COAX#3 CORE
- 18 COAX#4 CORE
- 19 COAX#5 CORE

INSITE DIGITAL STILL
MINK-19-CCP



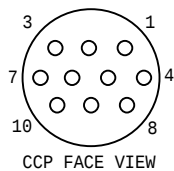
CCP FACE VIEW

USE 17 FT MBARI SUPPLIED CABLE
FALMAT FM072-895 REV A
BLUE PU JACKET
SEE ATTACHED SPECIFICATION

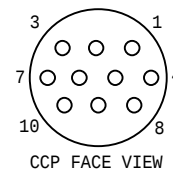
NOTE: TRIAD IS ACTUALLY SHIELDED,
ATTACH TO PIN 11 WITH TRIAD BLACK

MBARI - Moss Landing, CA - (831) 775-1700		
Title JB2-3 WET CABLE ASSEMBLY (INSITE SCORPIO STILL CAMERA)		
Size A	Document Number DR0020	Rev 2
Date: Friday, January 21, 2011	Sheet 1 of 1	

J2-4
MINK-10-CCP



DIGITAL STILL STROBE
MINK-10-CCP



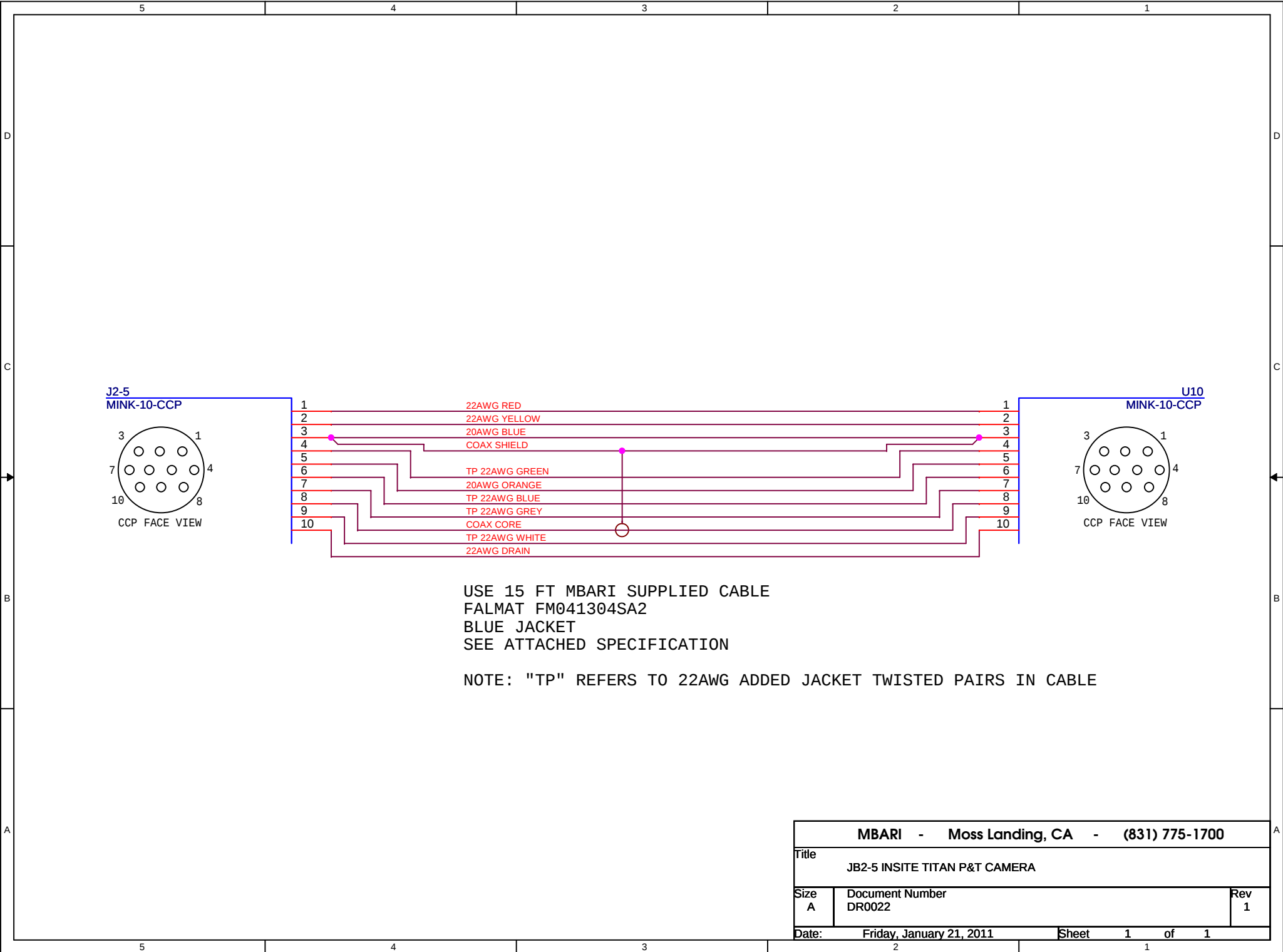
USE 10 FT MBARI SUPPLIED CABLE
FALMAT FM102-495C REV B
ORANGE JACKET 7#20AWG
SEE ATTACHED SPECIFICATION

MBARI - Moss Landing, CA - (831) 775-1700

Title
JB2-4 WET CABLE ASSEMBLY (STILL CAMERA STROBE)

Size A	Document Number DR0021	Rev 1
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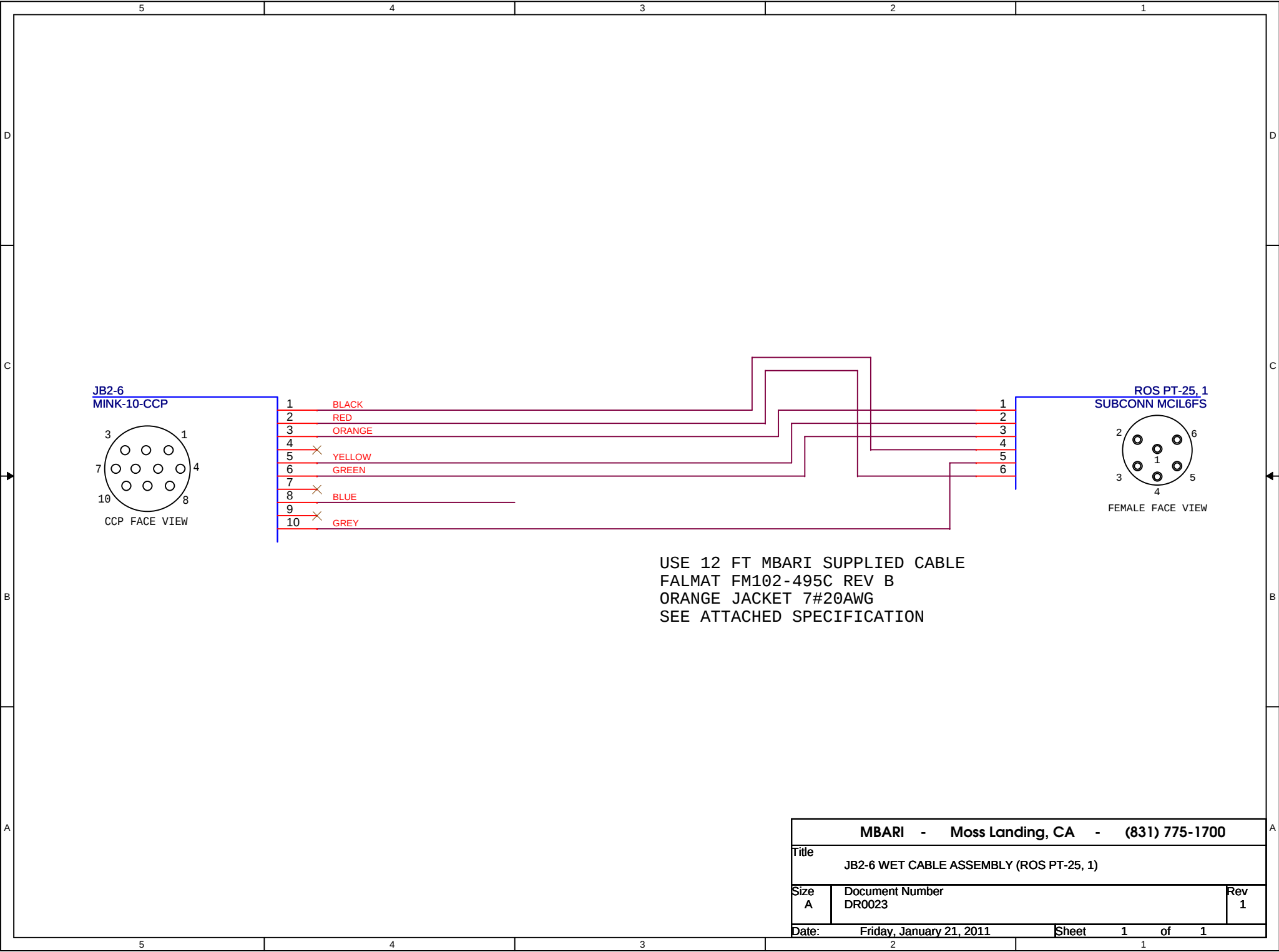
Date: Friday, January 21, 2011 Sheet 1 of 1



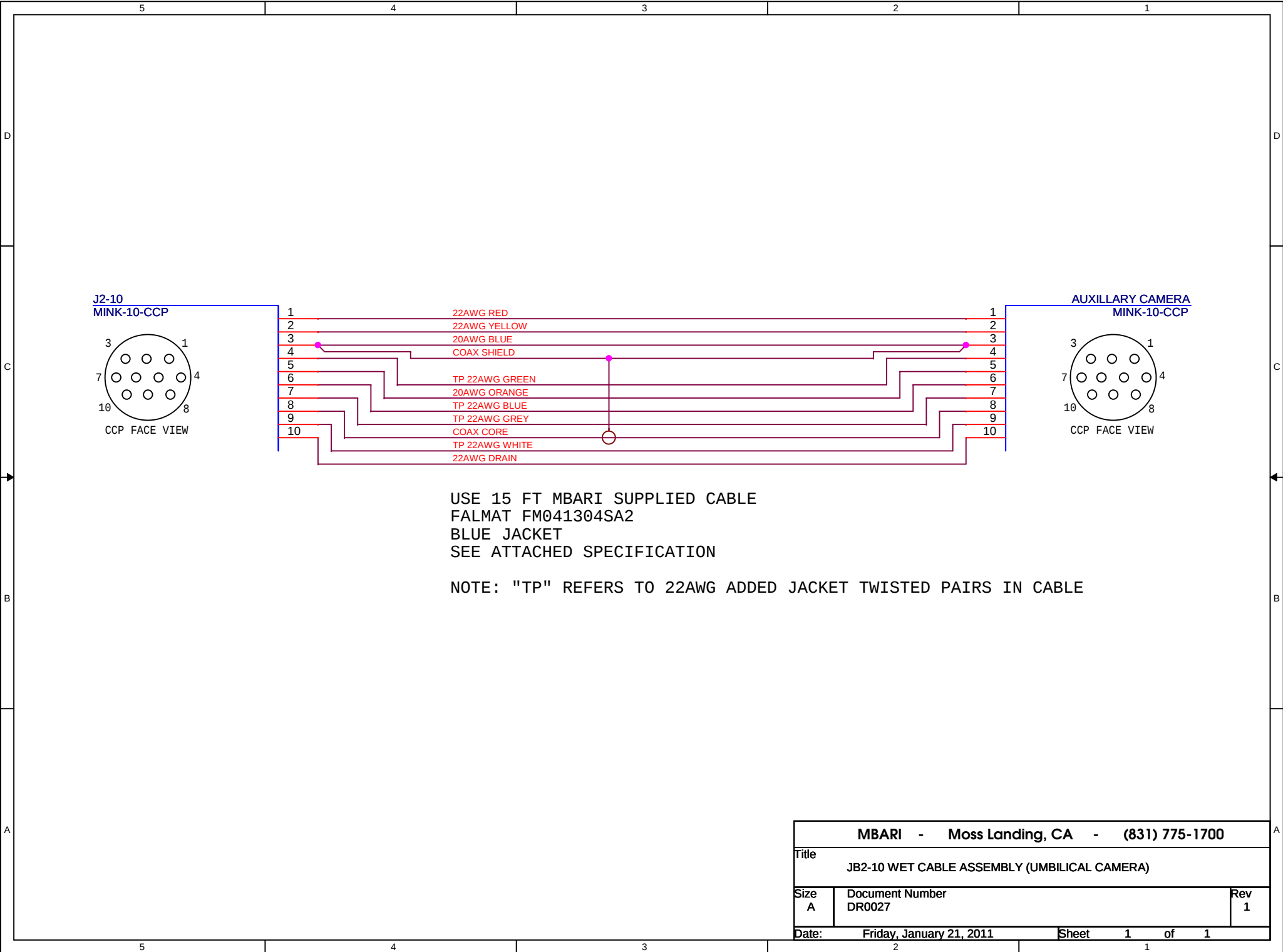
USE 15 FT MBARI SUPPLIED CABLE
FALMAT FM041304SA2
BLUE JACKET
SEE ATTACHED SPECIFICATION

NOTE: "TP" REFERS TO 22AWG ADDED JACKET TWISTED PAIRS IN CABLE

MBARI - Moss Landing, CA - (831) 775-1700			
Title JB2-5 INSITE TITAN P&T CAMERA			
Size A	Document Number DR0022		Rev 1
Date:	Friday, January 21, 2011	Sheet	1 of 1



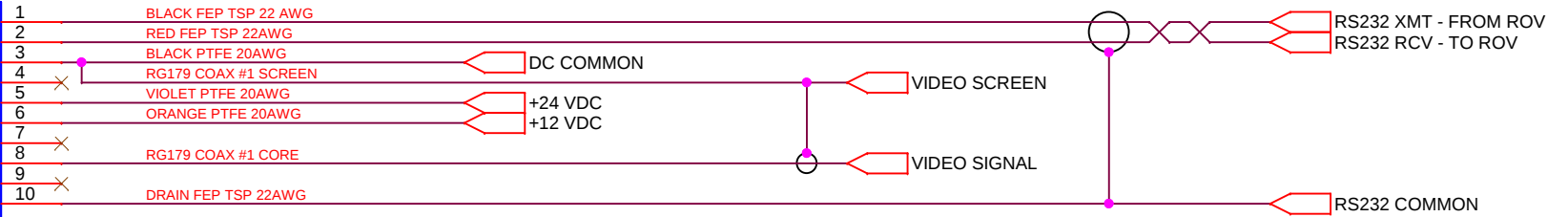
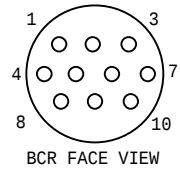
MBARI - Moss Landing, CA - (831) 775-1700		
Title JB2-6 WET CABLE ASSEMBLY (ROS PT-25, 1)		
Size A	Document Number DR0023	Rev 1
Date: Friday, January 21, 2011	Sheet 1	of 1



MBARI - Moss Landing, CA - (831) 775-1700			
Title JB2-10 WET CABLE ASSEMBLY (UMBILICAL CAMERA)			
Size A	Document Number DR0027		Rev 1
Date:	Friday, January 21, 2011	Sheet	1 of 1

MATERIALS	
1	ALL SINGLE CONDUCTOR IS 20AWG TEFLON INSUL
2	BELDEN 83264 OR EQUIV COAXIAL RG179
3	BELDEN 88761 OR EQUIV TWISTED SHIELDED PAIR

Seacon Junction Box Bulkhead
MINK-10-BCR

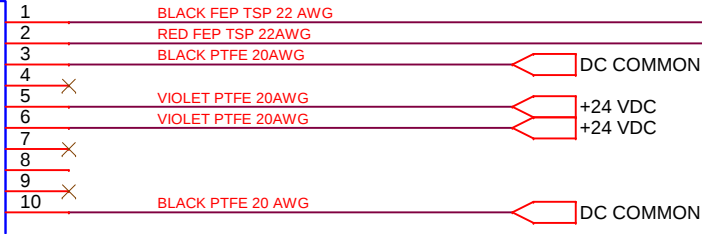
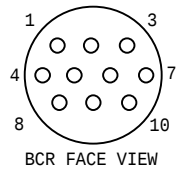


NOTES	
1	All wires and cables should be cut to minimum 4 FT length.
2	Please label any cables of same color.

MBARI - Moss Landing, CA - (831) 775-1700			
Designed MBARI		Title MINK-10-BCR Installation Wiring Specification (Standard Configuration)	
Drawn EJM		Size A	Document Number DR0034
Checked BS		Date: Friday, January 21, 2011	Rev 1
		Sheet 1	of 1

MATERIALS	
1	ALL SINGLE CONDUCTOR IS 20AWG TEFLON INSUL
2	BELDEN 83264 OR EQUIV COAXIAL RG179
3	BELDEN 88761 OR EQUIV TWISTED SHIELDED PAIR

Seacon Junction Box Bulkhead
MINK-10-BCR



20AWG TEFLON WIRE

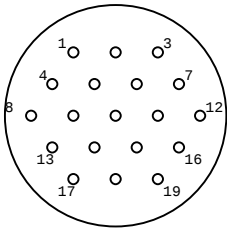
TWISTED SHIELDED PAIR

RS485+
RS485-

NOTES	
1	All wires and cables should be cut to minimum 4 FT length.
2	Please label any cables of same color.

MBARI - Moss Landing, CA - (831) 775-1700			
Designed MBARI		Title MINK-10-BCR Installation Wiring Specification (Pan & Tilt Configuration)	
Drawn EJM		Size A	Document Number DR0035
Checked BS		Date: Friday, January 21, 2011	Rev 2
		Sheet 1	of 1

J2-1
MINK-19-BCR



BCR FACE VIEW

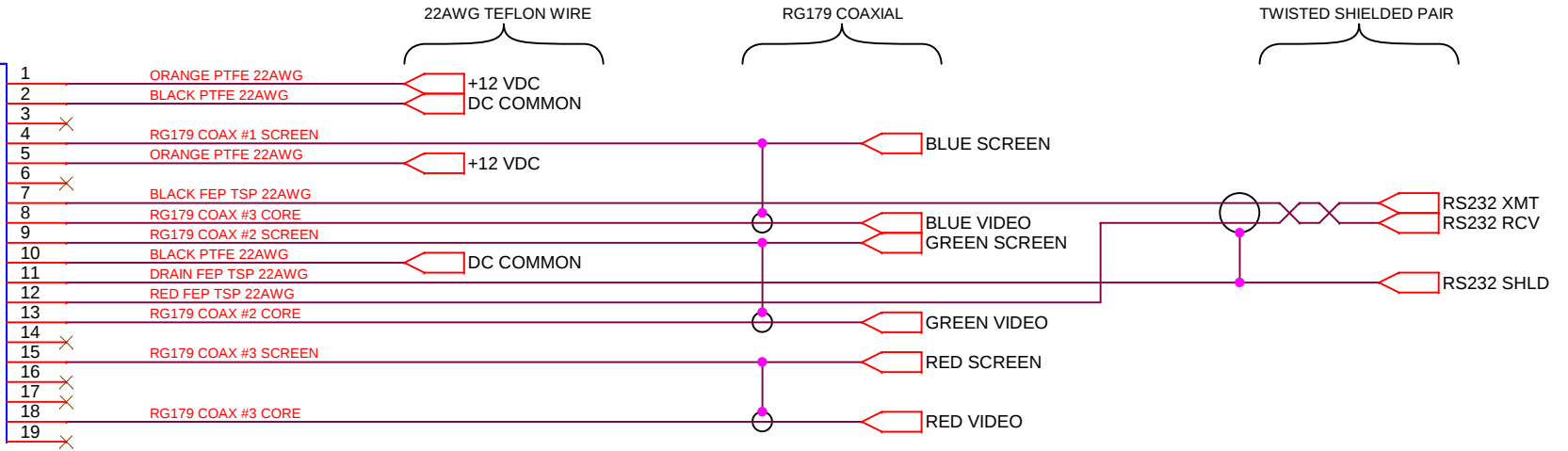
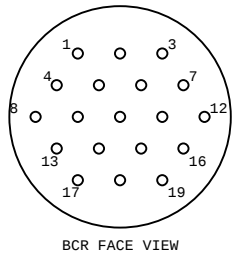


NOTES	
1	All wires and cables should be cut to minimum 4 FT length.
2	Please label any cables of same color.

MBARI - Moss Landing, CA - (831) 775-1700			
Designed MBARI		Title MINK-19-BCR Installation Wiring Specification (Insite Zeus HD Camera)	
Drawn EJM		Size A	Document Number DR0036
Checked BS		Date: Wednesday, January 12, 2011	Rev 1
		Sheet 1	of 1

MATERIALS	
1	ALL SINGLE CONDUCTOR IS 22AWG TEFLON INSUL
2	BELDEN 83264 OR EQUIV COAXIAL RG179
3	BELDEN 88761 OR EQUIV TWISTED SHIELDED PAIR

J2-2
MINK-19-BCR

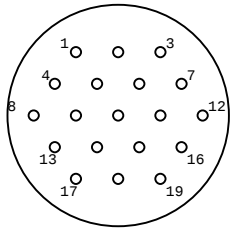


NOTES	
1	All wires and cables should be cut to minimum 4 FT length.
2	Please label any cables of same color.

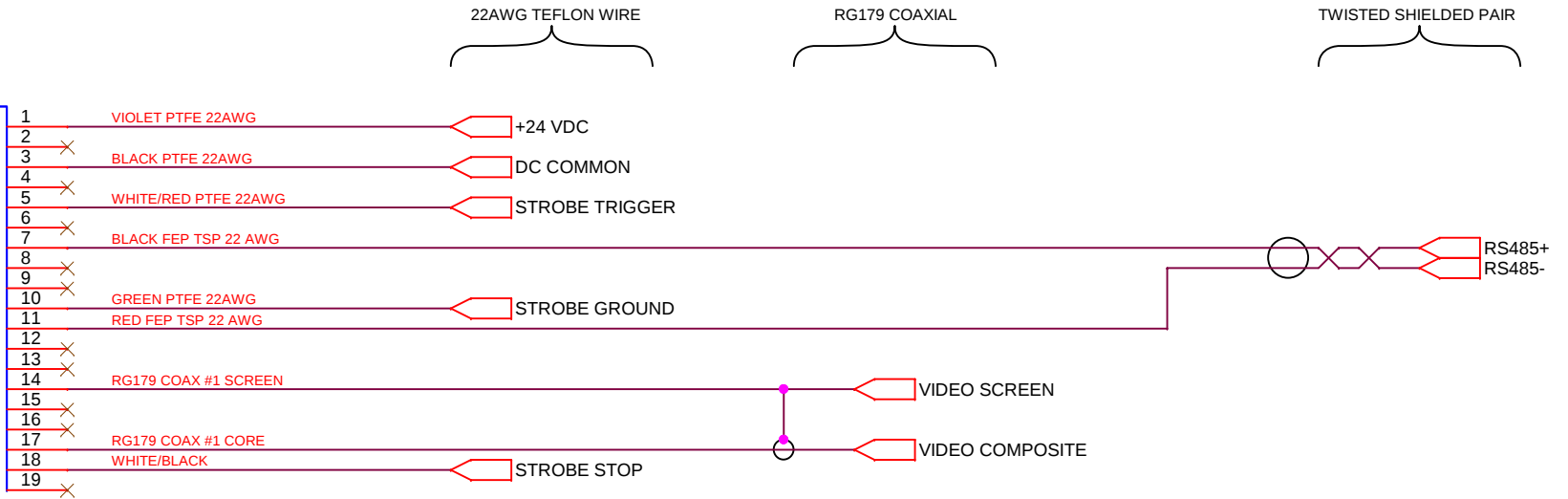
MBARI - Moss Landing, CA - (831) 775-1700			
Designed	MBARI	Title	
Drawn	EJM	MINK-19-BCR Installation Wiring Specification (Insite Mini Zeus HD Camera)	
Checked	BS	Size	Rev
		A	1
		Document Number	DR0037
		Date:	Wednesday, January 12, 2011
		Sheet	1 of 1

MATERIALS	
1	ALL SINGLE CONDUCTOR IS 22AWG TEFLON INSUL
2	BELDEN 83264 OR EQUIV COAXIAL RG179
3	BELDEN 88761 OR EQUIV TWISTED SHIELDED PAIR

J2-3
MINK-19-BCR



BCR FACE VIEW



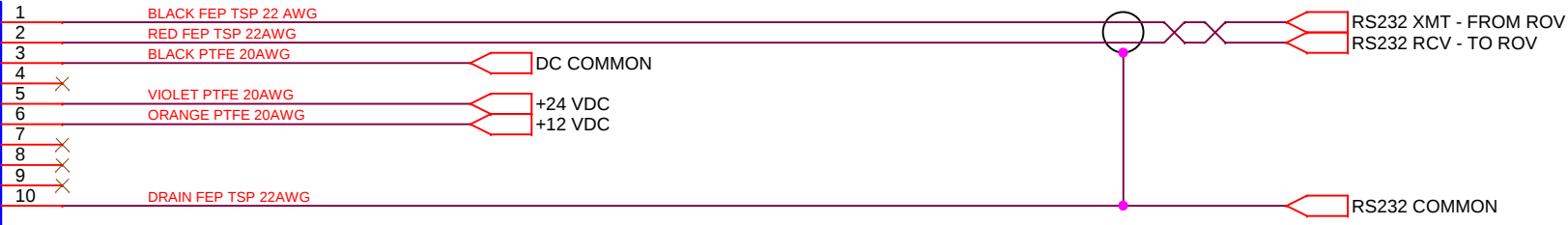
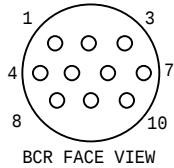
NOTES	
1	All wires and cables should be cut to minimum 4 FT length.
2	Please label any cables of same color.

Designed MBARI				Title MINK-19-BCR Installation Wiring Specification (Insite CoolPix Still Camera)			
Drawn EJM				Size A		Document Number DR0038	
Checked BS				Date: Wednesday, January 12, 2011		Sheet 1 of 1	
						Rev 1	

MBARI - Moss Landing, CA - (831) 775-1700

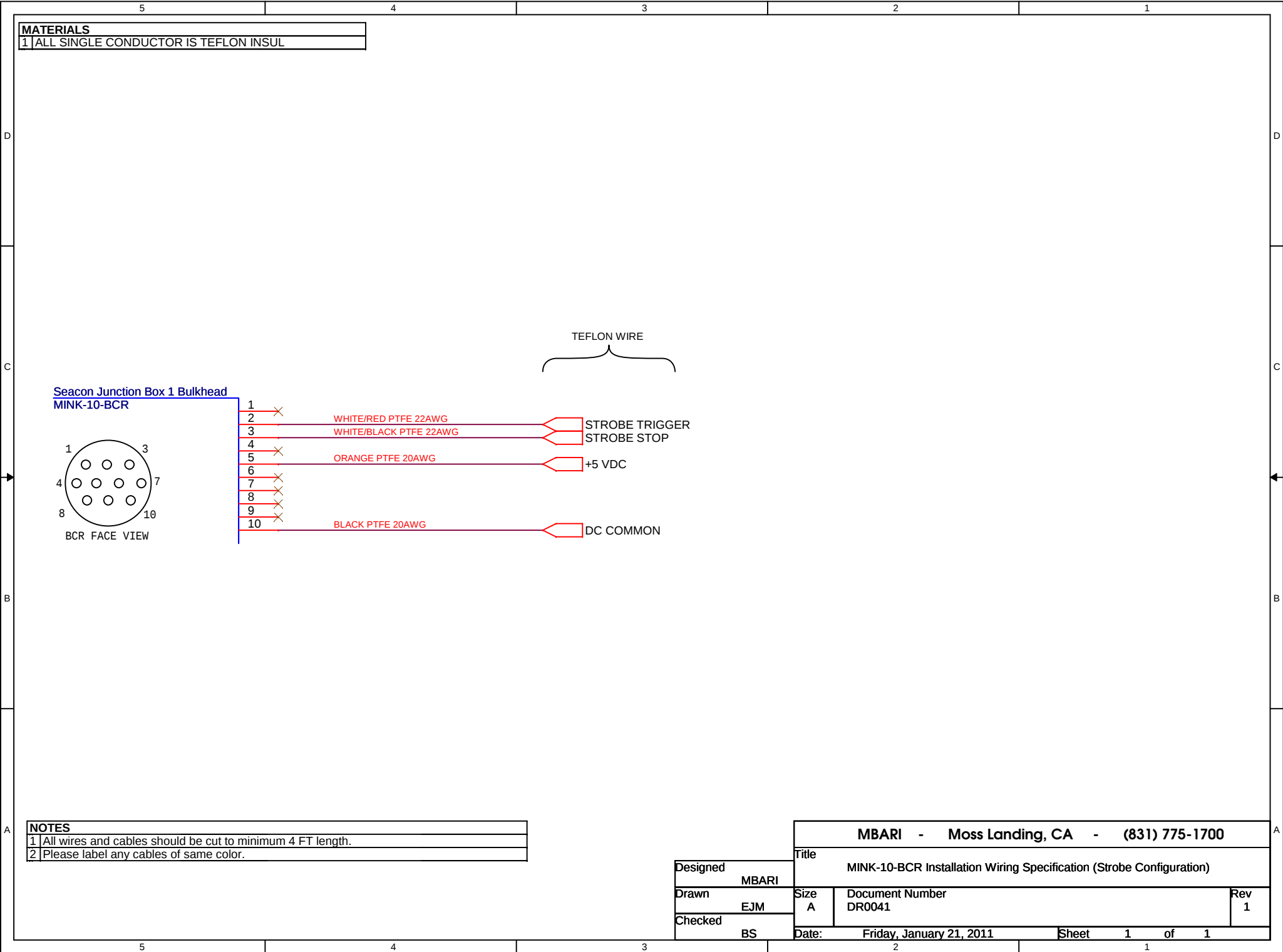
MATERIALS	
1	ALL SINGLE CONDUCTOR IS 20AWG TEFLON INSUL
2	BELDEN 88761 OR EQUIV TWISTED SHIELDED PAIR

Seacon Junction Box 1 Bulkhead
MINK-10-BCR



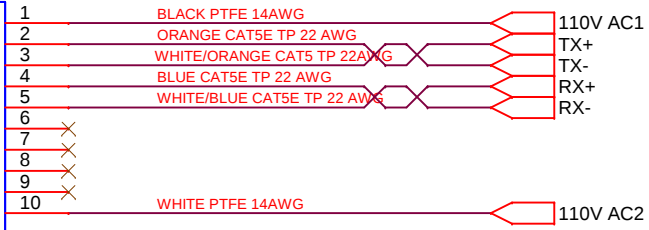
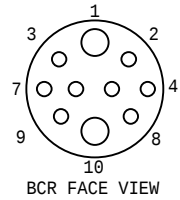
NOTES	
1	All wires and cables should be cut to minimum 4 FT length.
2	Please label any cables of same color.

MBARI - Moss Landing, CA - (831) 775-1700			
Designed MBARI		Title MINK-10-BCR Installation Wiring Specification (JBox 1 Configuration)	
Drawn EJM		Size A	Document Number DR0039
Checked BS		Date: Friday, January 21, 2011	Rev 1
		Sheet 1	of 1



MATERIALS	
1	ALL SINGLE CONDUCTOR IS TEFLON INSUL

Seacon Junction Box 1 Bulkhead
MINK-10-BCR-L



NOTES	
1	All wires and cables should be cut to minimum 4 FT length.
2	Please label any cables of same color.

MBARI - Moss Landing, CA - (831) 775-1700			
Designed MBARI		Title MINK-10-BCR-L Installation Wiring Specification (Host Ethernet Port)	
Drawn EJM		Size A Document Number DR0042	Rev 1
Checked BS		Date: Friday, January 21, 2011	Sheet 1 of 1