

OBS

DEPLOYMENT

Date 20/06/2023

Checker Tromal

no. 120

OBS Name - No. DXC-3

Penetrators: (1pin) (2pin) (4pin)

Radio beacon S/N G09-77

Manuf. by (Novatech) (Benthos) (o: \_\_\_\_\_)

Freq. 159.000 MHz

Ch. \_\_\_\_\_

Flasher S/N H09-067

Transponder MX-1337

Code 4C - 1 (Call. Command - Answer)

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**Radio Beacon**

- Check the radio signal
- Did you remember to attach the antenna?
- Did you remember the protective plastic?

**Flasher**

- Is the flash light working?
- Did you remember the protective plastic?

**Transponder**

- Call the transponder to make sure you get a response
- Make sure the cables are connected correctly (red (+) to the inside, black (-) to the outside), and measure the resistance one last time:  
 ++ 0,1 (0.4) Ω    -- 0,1 (0.4) Ω    +- 2,033 (2k) Ω    -+ 2,024 (2k) Ω  
 T+ OL (OL) Ω    T- OL (OL) Ω

**Calibration of OBS clock**

- Connect the OBS and the master clock
- red (+), green (-)
- Measure the time difference and write it down in the notebook
- Clean the connector on the OBS cable with alcohol, apply a small amount of silicone and close it. Fixate the OBS cable to the yellow OBS housing by brown tape.

**Final check**

- Is the direction of the radio beacon and flash light correct?
- Once again, make sure that the cables are connected correctly (red (+) to the inside, black (-) to the outside).
- REMOVE THE FOUR SAFETY SCREWS!!!!!!!!!!!!!!!!!!!!!!!

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Position of OBS deployed

Date & Time: 23/6-3 184122 UTC Time Zone: (GMT / JST / LST ( ))

Latitude: 68° 28, 869 Longitude: 0° 42, 915 Depth: 2721 m

OBS

DEPLOYMENT

Date 20/06/2013

Checker Troul

no. 121

OBS Name - No. DE-3

Penetrators: (1pin) (2pin) (4pin)

Radio beacon S/N 201-084

Manuf. by (Novatech) (Benthos) (o: \_\_\_\_\_)

Freq. 160.725 MHz

Ch. C

Flasher S/N M01-029

Transponder MX-1185

Code 3D-1 (Call. Command - Answer)

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Radio Beacon

- Check the radio signal
- Did you remember to attach the antenna?
- Did you remember the protective plastic?

Flasher

- Is the flash light working?
- Did you remember the protective plastic?

Transponder

- Call the transponder to make sure you get a response
- Make sure the cables are connected correctly (red (+) to the inside, black (-) to the outside), and measure the resistance one last time:
 

++ <u>0,2</u> (0.4) Ω	-- <u>0,2</u> (0.4) Ω	+- <u>2,034k</u> (2k) Ω	-+ <u>2,032k</u> (2k) Ω
F+ _____ (OL) Ω	F- _____ (OL) Ω		

Calibration of OBS clock

- Connect the OBS and the master clock
- red (+), green (-)
- Measure the time difference and write it down in the notebook
- Clean the connector on the OBS cable with alcohol, apply a small amount of silicone and close it. Fixate the OBS cable to the yellow OBS housing by brown tape.

Final check

- Is the direction of the radio beacon and flash light correct?
- Once again, make sure that the cables are connected correctly (red (+) to the inside, black (-) to the outside).
- REMOVE THE FOUR SAFETY SCREWS!!!!!!!!!!!!!!!!!!!!!!!

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Position of OBS deployed

Date & Time: 23/06-03 19:41:43 UTC Time Zone: (GMT / JST / LST ( ))

Latitude: 68° 21, 201' Longitude: 01° 03, 705' Depth: 2842 m

OBS

DEPLOYMENT

Date 20/06/2003

Checker Trod

no. 122

OBS Name - No. DXA-3

Penetrators: (1pin) (2pin) (4pin)

Radio beacon S/N 18753

Manuf. by (Novatech) (Benthos) (o: )

Freq. 159.250 MHz

Ch. 6

Flasher S/N B1872

Transponder MX- 1012

Code 2C-3 (Call. Command - Answer)

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Radio Beacon

- Check the radio signal
- Did you remember to attach the antenna?
- Did you remember the protective plastic?

Flasher

- Is the flash light working?
- Did you remember the protective plastic?

Transponder

- Call the transponder to make sure you get a response
- Make sure the cables are connected correctly (red (+) to the inside, black (-) to the outside), and measure the resistance one last time:
 

++ <u>0.2</u> (0.4) Ω	-- <u>0.2</u> (0.4) Ω	+ - <u>2.068k</u> (2k) Ω	- + <u>2.065k</u> (2k) Ω
T+ <u>OL</u> (OL) Ω	T- <u>OL</u> (OL) Ω		

Calibration of OBS clock

- Connect the OBS and the master clock
- red (+), green (-)
- Measure the time difference and write it down in the notebook
- Clean the connector on the OBS cable with alcohol, apply a small amount of silicone and close it. Fixate the OBS cable to the yellow OBS housing by brown tape.

Final check

- Is the direction of the radio beacon and flash light correct?
- Once again, make sure that the cables are connected correctly (red (+) to the inside, black (-) to the outside).
- REMOVE THE FOUR SAFETY SCREWS!!!!!!!!!!!!!!!!!!!!!!

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Position of OBS deployed

Date & Time: 23/06-03 20:41:51 UTC Time Zone: (GMT / JST / LST ( ))

Latitude: 68° 13, 535' Longitude: 01° 24, 115' Depth: 2875 m

OBS

DEPLOYMENT

Date \_\_\_/\_\_\_/\_\_\_

Checker DS

no. 123

OBS Name - No. DXD-3

Penetrators: (1pin)\_\_\_(2pin)\_\_\_(4pin)

Radio beacon S/N 301-085

Manuf. by (Novatech)\_(Benthos)\_(o:\_\_\_\_\_)

Freq. 160.725 MHz

Ch. \_\_\_\_\_

Flasher S/N B7869

Transponder MX-1008

Code 1B - 2 (Call. Command - Answer)

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**Radio Beacon**

- Check the radio signal
- Did you remember to attach the antenna?
- Did you remember the protective plastic?

**Flasher**

- Is the flash light working?
- Did you remember the protective plastic?

**Transponder**

- Call the transponder to make sure you get a response
- Make sure the cables are connected correctly (red (+) to the inside, black (-) to the outside), and measure the resistance one last time:  
 ++ 0,5 (0.4)  $\Omega$     -- 0,5 (0.4)  $\Omega$     +- 2,064 (2k)  $\Omega$     -+ 2,066 (2k)  $\Omega$   
 T+ 0L (OL)  $\Omega$     T- 0L (OL)  $\Omega$     2

**Calibration of OBS clock**

- Connect the OBS and the master clock
- red (+), green (-)
- Measure the time difference and write it down in the notebook
- Clean the connector on the OBS cable with alcohol, apply a small amount of silicone and close it. Fixate the OBS cable to the yellow OBS housing by brown tape.

**Final check**

- Is the direction of the radio beacon and flash light correct?
- Once again, make sure that the cables are connected correctly (red (+) to the inside, black (-) to the outside).
- REMOVE THE FOUR SAFETY SCREWS!!!!!!!!!!!!!!!!!!!!!!

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Position of OBS deployed

Date & Time: 23.06.2003 21:42 UTC Time Zone: (GMT / JST / LST ( ))

Latitude: 68° 5,792' N Longitude: 1° 44,348' Depth: 2611 m

OBS

DEPLOYMENT

Date   /  /  

Checker Strand

no. 124

OBS Name - No. DK-3

Penetrators: (1pin)    (2pin)    (4pin)   

Radio beacon S/N C115803

Manuf. by (Novatech) (Benthos) (o:   )

Freq. 159.300 MHz

Ch.   

Flasher S/N C115815

Transponder MX- 1384

Code 3C - 1 (Call. Command - Answer)

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**Radio Beacon**

- Check the radio signal
- Did you remember to attach the antenna?
- Did you remember the protective plastic?

**Flasher**

- Is the flash light working?
- Did you remember the protective plastic?

**Transponder**

- Call the transponder to make sure you get a response
- Make sure the cables are connected correctly (red (+) to the inside, black (-) to the outside), and measure the resistance one last time:
 

++ <u>0.3</u> (0.4) Ω	-- <u>0.3</u> (0.4) Ω	+ - <u>1,999k</u> (2k) Ω	- + <u>2,001k</u> (2k) Ω
T+ <u>OL</u> (OL) Ω	T- <u>OL</u> (OL) Ω		

**Calibration of OBS clock**

- Connect the OBS and the master clock
- red (+), green (-)
- Measure the time difference and write it down in the notebook
- Clean the connector on the OBS cable with alcohol, apply a small amount of silicone and close it. Fixate the OBS cable to the yellow OBS housing by brown tape.

**Final check**

- Is the direction of the radio beacon and flash light correct?
- Once again, make sure that the cables are connected correctly (red (+) to the inside, black (-) to the outside).
- REMOVE THE FOUR SAFETY SCREWS!!!!!!!!!!!!!!!!!!!!!!

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Position of OBS deployed

Date & Time: 23/6-3 224206 Time Zone: (GMT / JST / LST (    ))

Latitude: 67° 58,070' Longitude: 2° 4,274' Depth: 2158 m

OBS

DEPLOYMENT

Date   /  /  

Checker Troul

OBS Name - No. no. 125  
DXG-3

Penetrators: (1pin) (2pin) (4pin)

Radio beacon S/N G09-74

Manuf. by (Novatech) (Benthos) (o:         )

Freq. 759.050 MHz

Ch.         

Flasher S/N H09-064

Transponder MX-1029

Code 1B - 2 (Call. Command - Answer)

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**Radio Beacon**

- Check the radio signal
- Did you remember to attach the antenna?
- Did you remember the protective plastic?

**Flasher**

- Is the flash light working?
- Did you remember the protective plastic?

**Transponder**

- Call the transponder to make sure you get a response
- Make sure the cables are connected correctly (red (+) to the inside, black (-) to the outside), and measure the resistance one last time:  
 ++ 0,2 (0.4) Ω    -- 0,2 (0.4) Ω    +- 2,067 (2k) Ω    -+ 2,063 (2k) Ω  
 T+ OL (OL) Ω    T- OL (OL) Ω

**Calibration of OBS clock**

- Connect the OBS and the master clock
- red (+), green (-)
- Measure the time difference and write it down in the notebook
- Clean the connector on the OBS cable with alcohol, apply a small amount of silicone and close it. Fixate the OBS cable to the yellow OBS housing by brown tape.

**Final check**

- Is the direction of the radio beacon and flash light correct?
- Once again, make sure that the cables are connected correctly (red (+) to the inside, black (-) to the outside).
- REMOVE THE FOUR SAFETY SCREWS!!!!!!!!!!!!!!!!!!!!!!!

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Position of OBS deployed

Date & Time: 23/06-03 23:43:11 Time Zone: (GMT / JST / LST (    ))

Latitude: 67° 50,221' Longitude: 2° 24,147' Depth: 1597 m

OBS

DEPLOYMENT

Date   /  /  

Checker Grand

ms-726

OBS Name - No.

DI-3

Penetrators: (1pin)    (2pin) X (4pin)   

Radio beacon S/N

H09-038

Manuf. by (Novatech) (Benthos) (o:   )

Freq. 159.700 MHz

Ch. 3

Flasher S/N

E10049

Transponder

MX-7349

Code 5C-1 (Call. Command - Answer)

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Radio Beacon

- Check the radio signal
- Did you remember to attach the antenna?
- Did you remember the protective plastic?

Flasher

- Is the flash light working?
- Did you remember the protective plastic?

Transponder

- Call the transponder to make sure you get a response
- Make sure the cables are connected correctly (red (+) to the inside, black (-) to the outside), and measure the resistance one last time:
 

++ <u>0.3</u> (0.4) Ω	-- <u>0.1</u> (0.4) Ω	+- <u>16</u> (2k) Ω	-+ <u>2,025</u> (2k) Ω
T+ <u>OL</u> (OL) Ω	T- <u>OL</u> (OL) Ω	<u>2,023</u>	

Calibration of OBS clock

- Connect the OBS and the master clock
- red (+), green (-)
- Measure the time difference and write it down in the notebook
- Clean the connector on the OBS cable with alcohol, apply a small amount of silicone and close it. Fixate the OBS cable to the yellow OBS housing by brown tape.

Final check

- Is the direction of the radio beacon and flash light correct?
- Once again, make sure that the cables are connected correctly (red (+) to the inside, black (-) to the outside).
- REMOVE THE FOUR SAFETY SCREWS!!!!!!!!!!!!!!!!!!!!!!!

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Position of OBS deployed

Date & Time: 24/6-3 00:49:17.311 Time Zone: (GMT / ~~IST~~ / LST (    ))

Latitude: 67° 42,532' Longitude: 2° 43,355' Depth: 7374 m