

DAILY LOG
STATUS REPORT
CEND2316x – Pisces Reef Complex cSAC/SCI Monitoring Survey

Vessel: RV Cefas Endeavour GSM : 07799 773456	Project: Pisces Reef Complex cSAC/SCI Monitoring CEND2316x Satellite Voice Bridge: 00 870 (or 00871) 763998027
Daily Progress Report No. 01 Date: 30/10/2016	Location at 24:00 (GMT): 54.182° N -5.143° E

To Company:	Person:	E-mail:
Cefas	Chris Jenkins	chris.jenkins@cefas.co.uk
Cefas	Dave Limpenny	david.limpenny@cefas.ac.uk
Cefas	Kelly Baker	kelly.baker@cefas.co.uk
Cefas	Paul Mcllwaine	paul.mcilwaine@cefas.co.uk
Cefas	Sonia Kirby	sonia.kirby@cefas.co.uk
Cefas	Sue Ware	suzanne.ware@cefas.co.uk
EGS	Pete Watchorn	pwatchorn@egssurvey.co.uk
EGS	Paul Clement	pclement@egssurvey.co.uk
EGS	Stephen Hayes	shayes@egssurvey.co.uk
EGS	Debbie Jenkins	djenkins@egssurvey.co.uk
Gardline	N/A	3rdpartyDPRs@gardline.com
Gardline	Maura Smyth	maura.smyth@gardline.com
Gardline	Steven Calver	steven.calver@gardline.com
JNCC	Alice Cornthwaite	alice.cornthwaite@jncc.gov.uk
JNCC	Beth Stoker	beth.stoker@jncc.gov.uk
JNCC	Cristina Herbon	cristina.herbon@jncc.gov.uk
JNCC	Jon Davies	jon.davies@jncc.gov.uk
JNCC	Karen Webb	karen.webb@jncc.gov.uk
JNCC	Kerstin Kroeger	kerstin.kroeger@jncc.gov.uk
JNCC	Mike Nelson	mike.nelson@jncc.gov.uk
JNCC	Neil Golding	neil.golding@jncc.gov.uk
JNCC	Tammy Noble-James	tammy.noble-james@jncc.gov.uk
NE	Mike Young	michael.young@naturalengland.org.uk
NE	Ben Green	benjamin.green@naturalengland.org.uk

Safety

	Today	To Date
Accidents/Incidents	-	-
Near Misses	-	-
Safety Drills/Induction	1	1
Additional comments:	Abandon ship drill	

Summary of operations 0000-2400

Time UTC	Type	Comments
22:30 (29/10)	Transit	Left Liverpool, approx. 2 hrs in lock
08:00	Others	Toolbox talk, abandon ship drill
09:15	Offshore Calibrations	Timed arrival at calibration site. Calibration of MBES & SBP (inc. SVP dip)
11:00	Equipment/Downtime	Issues with SBP – brought back on deck
13:40	Offshore Calibrations	SBP redeployed and calibration continued (inc. SVP dip)
18:00	ToSu	SVP dip
18:30	TOSu	PAMs deployment and preshoot watch/ softstart
19:45	TOSu	Acquisition of MBES & SBP data at PR1

DAILY LOG STATUS REPORT

Weather

Weather/sea state conditions	0000-0600	0600-1200	1200-1800	1800-2400	Remarks
Wind (dir/speed (knts))	Light	Light	200/8	180/12	
Sea height (m)	<1	4	1	1	
Swell (dir/height (m))	Slight	Slight	Slight	200/2	
Vis	7	7	7	7	
Baro	1021	1080	1019	1019	

Overall Progress

Type	Today (hh:mm)	Accum (hh:mm)	Remarks
Mob/Demob	00:00	00:00	
Offshore Calibrations	07:50	07:50	
Total Operation (Acoustic) Survey (TOSu)	04:15	04:15	
Total Operation Sampling (TOSa)	00:00	00:00	
Equipment/Downtime	02:40	02:40	
Ship/Plant Downtime	00:00	00:00	
Waiting On Weather	00:00	00:00	
Transit	09:30	09:30	
Standby Port	00:00	00:00	
Others	01:15	01:15	
Total:	25:30	25:30	(note; includes 1.5hrs transit on 29/10)

Overall Progress Geophysical Data Acquisition MBES/SBP

Segment/Area/Line	Today (Lkm)	Accum. (Lkm)	Remarks
Calibration	8.8	8.8	
PR1	23.2	23.2	
Total	32	32	MBES and SBP being run simultaneously

Overall Progress Groundtruthing Samples

Action	Today	Accum	Remarks

Weather forecast for the next 24 hours

Wind Variable 3 or 4, becoming northerly 4 or 5 later, occasionally 6 later in northwest. Sea state Slight, becoming moderate later in west. Weather Mainly fair.

DAILY LOG STATUS REPORT

Visibility
Good, occasionally poor.

Planned operation for the next 24 hours (00:00 to 24:00 – GMT)

Continue acquisition of MBES/SBP data

Agreed Changes to Scope/Survey operation priorities

n/a

CEFAS/JNCC Comments

SBP deployed through moon pool. MMO/PAM conducting pre-shoot watches prior to SBP acquisition.

CEFAS SIC: C. Jenkins

JNCC Rep: M. Nelson

DAILY LOG STATUS REPORT

Vessel: RV Cefas Endeavour GSM : 07799 773456	Project: Pisces Reef Complex cSAC/SCI Monitoring CEND2316x Satellite Voice Bridge: 00 870 (or 00871) 763998027
Daily Progress Report No. 02 Date: 31/10/2016	Location at 24:00 (GMT): ° N ° E

To Company:	Person:	E-mail:
Cefas	Chris Jenkins	chris.jenkins@cefas.co.uk
Cefas	Dave Limpenny	david.limpenny@cefas.co.uk
Cefas	Kelly Baker	kelly.baker@cefas.co.uk
Cefas	Paul McIlwaine	paul.mcilwaine@cefas.co.uk
Cefas	Sonia Kirby	sonia.kirby@cefas.co.uk
Cefas	Sue Ware	suzanne.ware@cefas.co.uk
EGS	Pete Watchorn	pwatchorn@egssurvey.co.uk
EGS	Paul Clement	pclement@egssurvey.co.uk
EGS	Stephen Hayes	shayes@egssurvey.co.uk
EGS	Debbie Jenkins	djenkins@egssurvey.co.uk
Gardline	N/A	3rdpartyDPRs@gardline.com
Gardline	Maura Smyth	maura.smyth@gardline.com
Gardline	Steven Calver	steven.calver@gardline.com
JNCC	Alice Cornthwaite	alice.cornthwaite@jncc.gov.uk
JNCC	Beth Stoker	beth.stoker@jncc.gov.uk
JNCC	Cristina Herbon	cristina.herbon@jncc.gov.uk
JNCC	Jon Davies	jon.davies@jncc.gov.uk
JNCC	Karen Webb	karen.webb@jncc.gov.uk
JNCC	Kerstin Kroeger	kerstin.kroeger@jncc.gov.uk
JNCC	Mike Nelson	mike.nelson@jncc.gov.uk
JNCC	Neil Golding	neil.golding@jncc.gov.uk
JNCC	Tammy Noble-James	tammy.noble-james@jncc.gov.uk
NE	Mike Young	michael.young@naturalengland.org.uk
NE	Ben Green	benjamin.green@naturalengland.org.uk

Safety

	Today	To Date
Accidents/Incidents	-	-
Near Misses	-	-
Safety Drills/Induction	-	1
Additional comments:	-	

Summary of operations 0000-2400

Time UTC	Type	Comments
00:00	TOSu	Acquisition of MBES & SBP data at PR1
08:30	Transit	Completed acquisition of MBES/SBP at PR1 and transited to PR2
09:00	TOSu	MMO preshoot watch/soft start
09:30	TOSu	Acquisition of MBES & SBP data at PR2
18:30	TOSu	SVP dip
19:00	TOSu	PAM deployment and preshoot watch/ softstart – dolphins detected by PAM during mitigation period had left the area prior to commencement of SBP activation
20:10	TOSu	Acquisition of MBES & SBP data at PR2
23:45	Transit	SBP switched off. PR2 completed, transit to PR3

Weather

DAILY LOG STATUS REPORT

Weather/sea state conditions	0000-0600	0600-1200	1200-1800	1800-2400	Remarks
Wind (dir/speed (knts))	Light	Light	340/12	350/26	
Sea height (m)	<1	<1	1	2	
Swell (dir/height (m))	Slight	Calm	Calm	340/2	
Vis	7	7	7	7	
Baro	1018	1077	1018	1018	

Overall Progress

Type	Today (hh:mm)	Accum (hh:mm)	Remarks
Mob/Demob	00:00	00:00	
Offshore Calibrations	00:00	07:50	
Total Operation (Acoustic) Survey (TOSu)	23:15	27:30	
Total Operation Sampling (TOSa)	00:00	00:00	
Equipment/Downtime	00:00	02:40	
Ship/Plant Downtime	00:00	00:00	
Waiting On Weather	00:00	00:00	
Transit	00:45	10:15	
Standby Port	00:00	00:00	
Others	00:00	01:15	
Total:	24:00	49:30	

Overall Progress Geophysical Data Acquisition MBES/SBP

Segment/Area/Line	Today (Lkm)	Accum. (Lkm)	Remarks
Calibration	-	8.8	
PR1	48	71.2	
PR2	71	71	
Total	119	151	MBES and SBP being run simultaneously

Overall Progress Groundtruthing Samples

Action	Today	Accum	Remarks

Weather forecast for the next 24 hours

Wind - North 5 to 7. Sea state - Slight or moderate. Weather - Rain at first. Visibility - Good, occasionally moderate.

Planned operation for the next 24 hours (00:00 to 24:00 – GMT)

Complete acquisition of MBES/SBP data at PR3 then move onto camera tows at PR1

DAILY LOG STATUS REPORT

Agreed Changes to Scope/Survey operation priorities

n/a

CEFAS/JNCC Comments

SBP deployed through moon pool. MMO/PAM conducting pre-shoot watches prior to SBP acquisition. While acquiring perpendicular SBP lines we are also collecting MBES at second frequency to assist with mud veneer mapping work (200 and 400kHz).

CEFAS SIC: C. Jenkins

JNCC Rep: M. Nelson

DAILY LOG STATUS REPORT

Vessel: RV Cefas Endeavour GSM : 07799 773456	Project: Pisces Reef Complex cSAC/SCI Monitoring CEND2316x Satellite Voice Bridge: 00 870 (or 00871) 763998027
Daily Progress Report No. 03 Date: 01/10/2016	Location at 24:00 (GMT): 54° 05.9" N 05° 19.2" E

To Company:	Person:	E-mail:
Cefas	Chris Jenkins	chris.jenkins@cefas.co.uk
Cefas	Dave Limpenny	david.limpenny@cefas.co.uk
Cefas	Kelly Baker	kelly.baker@cefas.co.uk
Cefas	Paul McIlwaine	paul.mcilwaine@cefas.co.uk
Cefas	Sonia Kirby	sonia.kirby@cefas.co.uk
Cefas	Sue Ware	suzanne.ware@cefas.co.uk
EGS	Pete Watchorn	pwatchorn@egssurvey.co.uk
EGS	Paul Clement	pclement@egssurvey.co.uk
EGS	Stephen Hayes	shayes@egssurvey.co.uk
EGS	Debbie Jenkins	djenkins@egssurvey.co.uk
Gardline	N/A	3rdpartyDPRs@gardline.com
Gardline	Maura Smyth	maura.smyth@gardline.com
Gardline	Steven Calver	steven.calver@gardline.com
JNCC	Alice Cornthwaite	alice.cornthwaite@jncc.gov.uk
JNCC	Beth Stoker	beth.stoker@jncc.gov.uk
JNCC	Cristina Herbon	cristina.herbon@jncc.gov.uk
JNCC	Jon Davies	jon.davies@jncc.gov.uk
JNCC	Karen Webb	karen.webb@jncc.gov.uk
JNCC	Kerstin Kroeger	kerstin.kroeger@jncc.gov.uk
JNCC	Mike Nelson	mike.nelson@jncc.gov.uk
JNCC	Neil Golding	neil.golding@jncc.gov.uk
JNCC	Tammy Noble-James	tammy.noble-james@jncc.gov.uk
NE	Mike Young	michael.young@naturalengland.org.uk
NE	Ben Green	benjamin.green@naturalengland.org.uk

Safety

	Today	To Date
Accidents/Incidents	-	-
Near Misses	-	-
Safety Drills/Induction	-	1
Additional comments:	-	

Summary of operations 0000-2400

Time UTC	Type	Comments
00:00	TOSu	Acquisition of MBES & SBP data at PR3
13:10	Transit	Completed acquisition of MBES/SBP at PR3 and transited to PR2. Collected MBES/SBP while on transit
15:07	TOSu	Acquisition of remaining 400Khz crosslines at PR2
17:21	TOSu	Transit to PR1 whilst acquiring SBP/MBES and planning of camera stations
18:52	TOSa	Begin acquisition of camera tow data at PR1

Weather

Weather/sea state conditions	0000-0600	0600-1200	1200-1800	1800-2400	Remarks

DAILY LOG STATUS REPORT

Wind (dir/speed (knts))	000/32	005/27	000/16	350/15	
Sea height (m)	3	3	1	1	
Swell (dir/height (m))	000/4	000/4	005/3	000/2	
Vis	7	7	7	7	
Baro	1018	1018.5	1019	1019	

Overall Progress

Type	Today (hh:mm)	Accum (hh:mm)	Remarks
Mob/Demob	00:00	00:00	
Offshore Calibrations	00:00	07:50	
Total Operation (Acoustic) Survey (TOSu)	16:55	42:54	
Total Operation Sampling (TOSa)	05:08	05:08	
Equipment/Downtime	00:00	02:40	
Ship/Plant Downtime	00:00	00:00	
Waiting On Weather	00:00	00:00	
Transit	01:57	13:43	
Standby Port	00:00	00:00	
Others	00:00	01:15	
Total:	24:00	73:30	

Overall Progress Geophysical Data Acquisition MBES/SBP

Segment/Area/Line	Today (Lkm)	Accum. (Lkm)	Remarks
Calibration	-	8.8	
PR1	-	71.2	
PR2	15	86	
PR3	74	74	
Total	89	391	MBES and SBP being run simultaneously

Overall Progress Groundtruthing Samples

Action	Today	Accum	Remarks
DC	7	7	Camera frame fitted with additional sensors to record environmental parameters (conductivity, depth, salinity, temperature, turbidity, fluorescence)

Weather forecast for the next 24 hours

DAILY LOG STATUS REPORT

Wind - North, backing southwest later, 4 or 5.

Sea state - Slight or moderate, becoming smooth or slight.

Weather - Fair.

Visibility - Good.

Planned operation for the next 24 hours (00:00 to 24:00 – GMT)

Complete drop cam survey at PR1, plan camera stations and collect drop cam data from PR2 and PR3

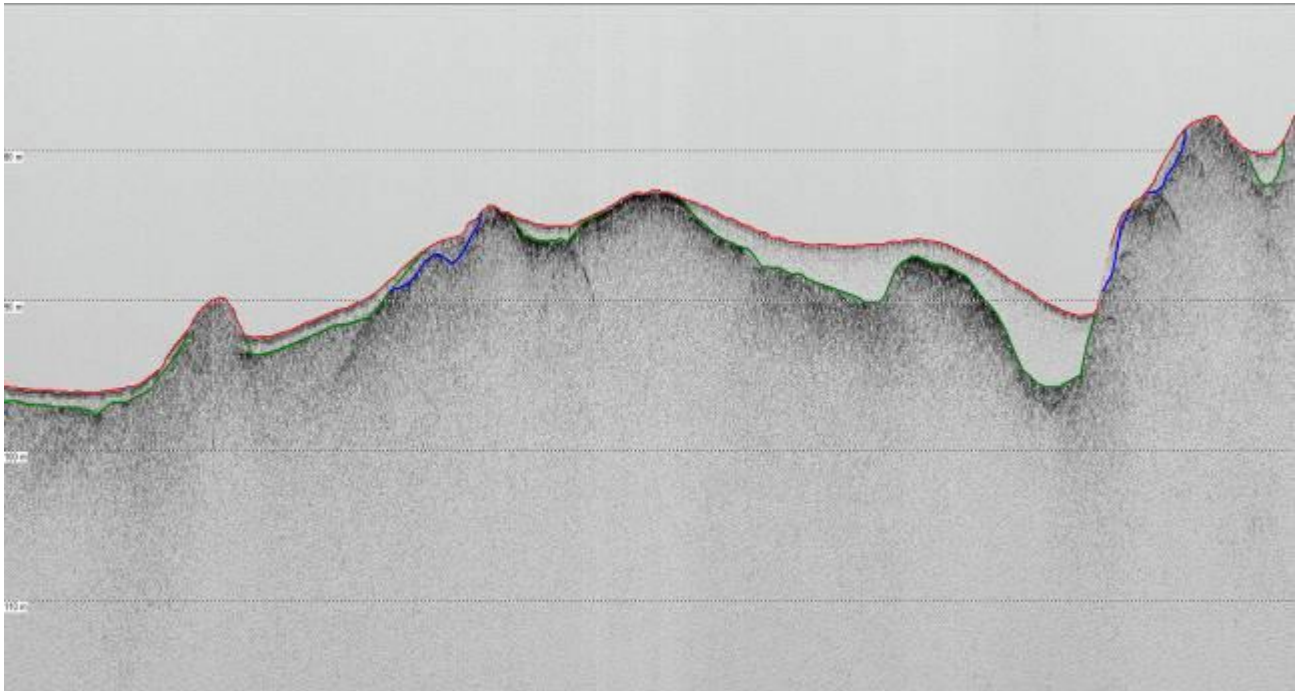
Agreed Changes to Scope/Survey operation priorities

n/a

CEFAS/JNCC Comments

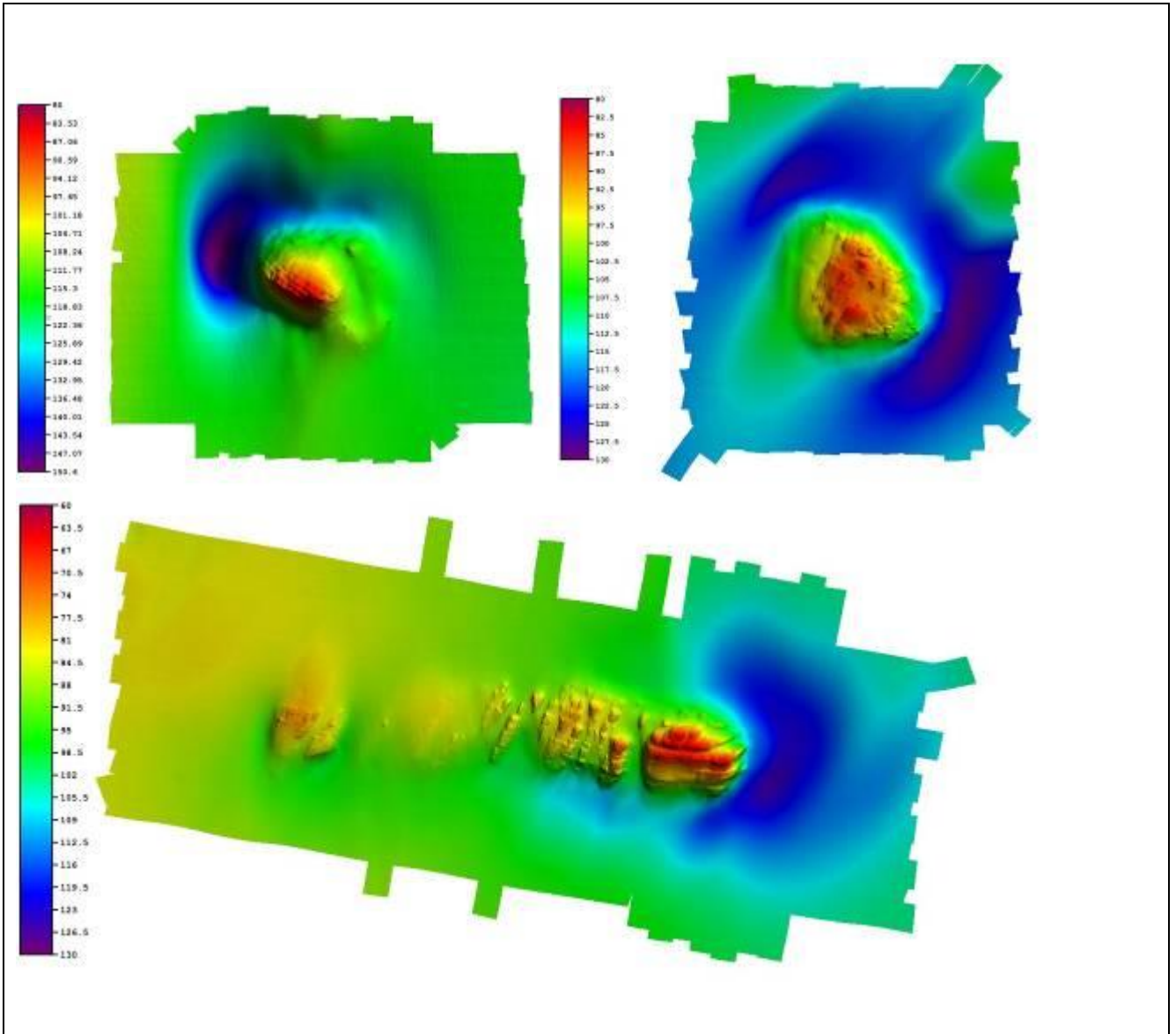
SBP deployed through moon pool. MMO/PAM conducting pre-shoot watches prior to SBP acquisition. While acquiring perpendicular SBP lines we are also collecting MBES at second frequency to assist with mud veneer mapping work (200 and 400kHz).

Acoustic data acquisition completed. Below shows example of SBP transect from PR2, highlighting rock and sediment veneer (note; scale shows 10m increments – image needed to be shrunk down for inclusion in this document so this is difficult to read). Also included are images to illustrate MBES coverage at the site.



Continued...

DAILY LOG STATUS REPORT



CEFAS SIC: C. Jenkins

JNCC Rep: M. Nelson

DAILY LOG STATUS REPORT

Vessel: RV Cefas Endeavour GSM : 07799 773456	Project: Pisces Reef Complex cSAC/SCI Monitoring CEND2316x Satellite Voice Bridge: 00 870 (or 00871) 763998027
Daily Progress Report No. 04 Date: 02/10/2016	Location at 24:00 (GMT): 54° 09.5" N 05° 16.3" E

To Company:	Person:	E-mail:
Cefas	Chris Jenkins	chris.jenkins@cefas.co.uk
Cefas	Dave Limpenny	david.limpenny@cefas.co.uk
Cefas	Kelly Baker	kelly.baker@cefas.co.uk
Cefas	Paul McIlwaine	paul.mcilwaine@cefas.co.uk
Cefas	Sonia Kirby	sonia.kirby@cefas.co.uk
Cefas	Sue Ware	suzanne.ware@cefas.co.uk
EGS	Pete Watchorn	pwatchorn@egssurvey.co.uk
EGS	Paul Clement	pclement@egssurvey.co.uk
EGS	Stephen Hayes	shayes@egssurvey.co.uk
EGS	Debbie Jenkins	djenkins@egssurvey.co.uk
Gardline	N/A	3rdpartyDPRs@gardline.com
Gardline	Maura Smyth	maura.smyth@gardline.com
Gardline	Steven Calver	steven.calver@gardline.com
JNCC	Alice Cornthwaite	alice.cornthwaite@jncc.gov.uk
JNCC	Beth Stoker	beth.stoker@jncc.gov.uk
JNCC	Cristina Herbon	cristina.herbon@jncc.gov.uk
JNCC	Jon Davies	jon.davies@jncc.gov.uk
JNCC	Karen Webb	karen.webb@jncc.gov.uk
JNCC	Kerstin Kroeger	kerstin.kroeger@jncc.gov.uk
JNCC	Mike Nelson	mike.nelson@jncc.gov.uk
JNCC	Neil Golding	neil.golding@jncc.gov.uk
JNCC	Tammy Noble-James	tammy.noble-james@jncc.gov.uk
NE	Mike Young	michael.young@naturalengland.org.uk
NE	Ben Green	benjamin.green@naturalengland.org.uk

Safety

	Today	To Date
Accidents/Incidents	-	-
Near Misses	1	1
Safety Drills/Induction	-	1
Additional comments:	Near miss (winch cable caught on Day grab table during drop cam recovery) reported via Cefas Safeguard system and POMS system. Advisement to secure shackle and make sure that enough slack is paid out to avoid tension coming onto the wire.	

Summary of operations 0000-2400

Time UTC	Type	Comments
00:00	TOSa	Acquisition of camera tow data at PR1 (incl. collection of Niskin water bottle samples for sensor calibration)
07:20	Transit	Transit from PR1 to PR2
08:10	TOSa	Acquisition of camera tow data at PR2 (incl. collection of Niskin water bottle samples for sensor calibration)

Weather

Weather/sea state conditions	0000-0600	0600-1200	1200-1800	1800-2400	Remarks

DAILY LOG STATUS REPORT

Wind (dir/speed (knts))	350/11	280/15	275/11	280/7	
Sea height (m)	1	1	<1	<1	
Swell (dir/height (m))	000/2	000/2	000/1	005/<1	
Vis	7	7	7	7	
Baro	1018	1017	1017	1015	

Overall Progress

Type	Today (hh:mm)	Accum (hh:mm)	Remarks
Mob/Demob	00:00	24:00	
Offshore Calibrations	00:00	07:50	
Total Operation (Acoustic) Survey (TOSu)	00:00	44:25	
Total Operation Sampling (TOSa)	23:10	28:18	
Equipment/Downtime	00:00	02:40	
Ship/Plant Downtime	00:00	00:00	
Waiting On Weather	00:00	00:00	
Transit	00:50	13:02	
Standby Port	00:00	00:00	
Others	00:00	01:15	
Total:	24:00	97:30	

Overall Progress Geophysical Data Acquisition MBES/SBP

Segment/Area/Line	Today (Lkm)	Accum. (Lkm)	Remarks
Calibration	-	8.8	
PR1	-	71.2	
PR2	-	86	
PR3	-	74	
Total	-	391	

Overall Progress Groundtruthing Samples

Action	Today	Accum	Remarks
DC	26	33	Camera frame fitted with additional sensors to record environmental parameters (conductivity, depth, salinity, temperature, turbidity, fluorescence). Most camera tows 250m length to ensure a sufficient number cross strata boundaries to assist delineation of these areas in mapped products. Interpreted acoustic data used to determine camera station locations.
Niskin water bottle sample	6	6	4 from PR1, 2 from PR2

DAILY LOG STATUS REPORT

Weather forecast for the next 24 hours

Wind - Mainly variable 3 or 4, becoming southwest, veering northwest, 4 or 5, increasing 6 at times.

Sea state - Slight or moderate, occasionally smooth at first.

Weather - Rain or showers.

Visibility - Moderate or good.

Planned operation for the next 24 hours (00:00 to 24:00 – GMT)

Finish camera work at PR2 then PR3. Collect additional targeted camera tows at predicted and verified exposed reef areas.

Agreed Changes to Scope/Survey operation priorities

n/a

CEFAS/JNCC Comments

n/a

CEFAS SIC: C. Jenkins

JNCC Rep: M. Nelson

DAILY LOG STATUS REPORT

Vessel: RV Cefas Endeavour GSM : 07799 773456	Project: Pisces Reef Complex cSAC/SCI Monitoring CEND2316x Satellite Voice Bridge: 00 870 (or 00871) 763998027
Daily Progress Report No. 05 Date: 03/10/2016	Location at 24:00 (GMT): 54° 09.7" N 05° 16.2" E

To Company:	Person:	E-mail:
Cefas	Chris Jenkins	chris.jenkins@cefas.co.uk
Cefas	Dave Limpenny	david.limpenny@cefas.co.uk
Cefas	Kelly Baker	kelly.baker@cefas.co.uk
Cefas	Paul McIlwaine	paul.mcilwaine@cefas.co.uk
Cefas	Sonia Kirby	sonia.kirby@cefas.co.uk
Cefas	Sue Ware	suzanne.ware@cefas.co.uk
EGS	Pete Watchorn	pwatchorn@egssurvey.co.uk
EGS	Paul Clement	pclement@egssurvey.co.uk
EGS	Stephen Hayes	shayes@egssurvey.co.uk
EGS	Debbie Jenkins	djenkins@egssurvey.co.uk
Gardline	N/A	3rdpartyDPRs@gardline.com
Gardline	Maura Smyth	maura.smyth@gardline.com
Gardline	Steven Calver	steven.calver@gardline.com
JNCC	Alice Cornthwaite	alice.cornthwaite@jncc.gov.uk
JNCC	Beth Stoker	beth.stoker@jncc.gov.uk
JNCC	Cristina Herbon	cristina.herbon@jncc.gov.uk
JNCC	Jon Davies	jon.davies@jncc.gov.uk
JNCC	Karen Webb	karen.webb@jncc.gov.uk
JNCC	Kerstin Kroeger	kerstin.kroeger@jncc.gov.uk
JNCC	Mike Nelson	mike.nelson@jncc.gov.uk
JNCC	Neil Golding	neil.golding@jncc.gov.uk
JNCC	Tammy Noble-James	tammy.noble-james@jncc.gov.uk
NE	Mike Young	michael.young@naturalengland.org.uk
NE	Ben Green	benjamin.green@naturalengland.org.uk

Safety

	Today	To Date
Accidents/Incidents	-	-
Near Misses	-	1
Safety Drills/Induction	-	1
Additional comments:	-	

Summary of operations 0000-2400

Time UTC	Type	Comments
00:00	TOSa	Complete drop cameras and Niskin water bottle samples at PR2
02:15	Transit	Transit from PR2 to PR3
03:05	TOSa	Drop cameras at PR3, including Niskin water bottle samples
15:45	Transit	Transit to PR1
17:30	TOSa	Collect additional targeted drop cameras at PR1
20:15	Transit	Transit to PR2
22:00	TOSa	Collect additional targeted drop cameras at PR2

Weather

Weather/sea state conditions	0000-0600	0600-1200	1200-1800	1800-2400	Remarks

DAILY LOG STATUS REPORT

Wind (dir/speed (knts))	270/16	235/17	240/24	270/21	
Sea height (m)	1	1	2	2	
Swell (dir/height (m))	250/1	250/1	240/4	250/3	
Vis	7	7	7	7	
Baro	1012	1009.5	1005	1003	

Overall Progress

Type	Today (hh:mm)	Accum (hh:mm)	Remarks
Mob/Demob	00:00	00:00	
Offshore Calibrations	00:00	07:50	
Total Operation (Acoustic) Survey (TOSu)	00:00	44:25	
Total Operation Sampling (TOSa)	19:40	47:58	
Equipment/Downtime	00:00	02:40	
Ship/Plant Downtime	00:00	00:00	
Waiting On Weather	00:00	00:00	
Transit	04:20	17:22	
Standby Port	00:00	00:00	
Others	00:00	01:15	
Total:	24:00	121:30	

Overall Progress Geophysical Data Acquisition MBES/SBP

Segment/Area/Line	Today (Lkm)	Accum. (Lkm)	Remarks
Calibration	-	8.8	
PR1	-	71.2	
PR2	-	86	
PR3	-	74	
Total	-	391	

Overall Progress Groundtruthing Samples

Action	Today	Accum	Remarks
DC	30	63	Camera frame fitted with additional sensors to record environmental parameters (conductivity, depth, salinity, temperature, turbidity, fluorescence). Most camera tows 250m length to ensure a sufficient number cross strata boundaries to assist delineation of these areas in mapped products. Interpreted acoustic data used to determine camera station locations.
Niskin water bottle sample	5	11	2 from PR2 and 3 from PR3

DAILY LOG STATUS REPORT

Weather forecast for the next 24 hours

Wind - West or northwest 4 or 5, increasing 6 at times.

Sea state - Slight or moderate.

Weather - Occasional rain, then showers.

Visibility - Good, occasionally moderate.

Planned operation for the next 24 hours (00:00 to 24:00 – GMT)

Complete additional groundtruthing at PR2. Collect infill 400Khz MBES/SBP at PR2. Transit to Utopia MCZ no later than 14:00.

Agreed Changes to Scope/Survey operation priorities

n/a

CEFAS/JNCC Comments

n/a

CEFAS SIC: C. Jenkins

JNCC Rep: M. Nelson

DAILY LOG
STATUS REPORT
CEND2316x – Pisces Reef Complex cSAC/SCI Monitoring Survey

Vessel: RV Cefas Endeavour GSM : 07799 773456	Project: Pisces Reef Complex cSAC/SCI Monitoring CEND2316x Satellite Voice Bridge: 00 870 (or 00871) 763998027
Daily Progress Report No. 06 Date: 04/10/2016	Location at 24:00 (GMT): 54° 09.6" N 05° 15.1" E

To Company:	Person:	E-mail:
Cefas	Chris Jenkins	chris.jenkins@cefas.co.uk
Cefas	Dave Limpenny	david.limpenny@cefas.co.uk
Cefas	Kelly Baker	kelly.baker@cefas.co.uk
Cefas	Paul Mcllwaine	paul.mcilwaine@cefas.co.uk
Cefas	Sonia Kirby	sonia.kirby@cefas.co.uk
Cefas	Sue Ware	suzanne.ware@cefas.co.uk
EGS	Pete Watchorn	pwatchorn@egssurvey.co.uk
EGS	Paul Clement	pclement@egssurvey.co.uk
EGS	Stephen Hayes	shayes@egssurvey.co.uk
EGS	Debbie Jenkins	djenkins@egssurvey.co.uk
Gardline	N/A	3rdpartyDPRs@gardline.com
Gardline	Maura Smyth	maura.smyth@gardline.com
Gardline	Steven Calver	steven.calver@gardline.com
JNCC	Alice Cornthwaite	alice.cornthwaite@jncc.gov.uk
JNCC	Beth Stoker	beth.stoker@jncc.gov.uk
JNCC	Cristina Herbon	cristina.herbon@jncc.gov.uk
JNCC	Jon Davies	jon.davies@jncc.gov.uk
JNCC	Karen Webb	karen.webb@jncc.gov.uk
JNCC	Kerstin Kroeger	kerstin.kroeger@jncc.gov.uk
JNCC	Mike Nelson	mike.nelson@jncc.gov.uk
JNCC	Neil Golding	neil.golding@jncc.gov.uk
JNCC	Tammy Noble-James	tammy.noble-james@jncc.gov.uk
NE	Mike Young	michael.young@naturalengland.org.uk
NE	Ben Green	benjamin.green@naturalengland.org.uk

Safety

	Today	To Date
Accidents/Incidents	-	-
Near Misses	-	1
Safety Drills/Induction	-	1
Additional comments:	-	

Summary of operations 0000-2400

Time UTC	Type	Comments
00:00	TOSa	Complete additional targeted drop cameras at PR2
01:50	TOSu	SVP dip and begin collecting 400kHz MBES/SBP infill lines at PR2
11:15	TOSa	Collect opportunistic Day grabs
12:40	Transit	Transit to Utopia MCZ

Weather

Weather/sea state conditions	0000-0600	0600-1200	1200-1800	1800-2400	Remarks

DAILY LOG STATUS REPORT

Wind (dir/speed (knts))	300/22	300/23	300/18	280/22	
Sea height (m)	2	2	2	2	
Swell (dir/height (m))	280/2	290/2	300/3	260/3	
Vis	7	7	7	7	
Baro	1001	999	998	997	

Overall Progress

Type	Today (hh:mm)	Accum (hh:mm)	Remarks
Mob/Demob	00:00	00:00	
Offshore Calibrations	00:00	07:50	
Total Operation (Acoustic) Survey (TOSu)	09:25	53:50	
Total Operation Sampling (TOSa)	03:15	51:13	
Equipment/Downtime	00:00	02:40	
Ship/Plant Downtime	00:00	00:00	
Waiting On Weather	00:00	00:00	
Transit	11:20	28:42	
Standby Port	00:00	00:00	
Others	00:00	01:15	
Total:	24:00	145:30	

Overall Progress Geophysical Data Acquisition MBES/SBP

Segment/Area/Line	Today (Lkm)	Accum. (Lkm)	Remarks
Calibration	-	8.8	
PR1	-	71.2	
PR2	38.5	86	
PR3	-	74	
Total	38.5	391	

Overall Progress Groundtruthing Samples

Action	Today	Accum	Remarks
DC	2	65	Camera frame fitted with additional sensors to record environmental parameters (conductivity, depth, salinity, temperature, turbidity, fluorescence). Most camera tows 250m length to ensure a sufficient number cross strata boundaries to assist delineation of these areas in mapped products. Interpreted acoustic data used to determine camera station locations.
Niskin water bottle sample	-	11	

DAILY LOG STATUS REPORT

Day grab	5	5	
----------	---	---	--

Weather forecast for the next 24 hours

Wind - North 5 to 7.
Sea state - Moderate or rough, occasionally slight.
Weather - Squally showers.
Visibility - Good.

Planned operation for the next 24 hours (00:00 to 24:00 – GMT)

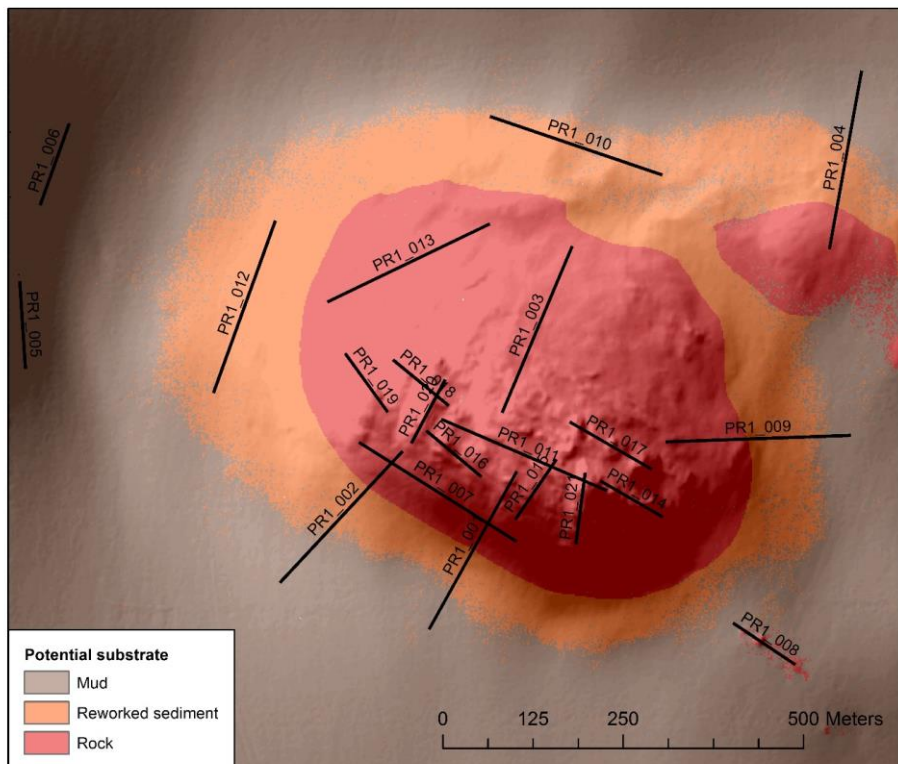
Continue transit to Utopia MCZ

Agreed Changes to Scope/Survey operation priorities

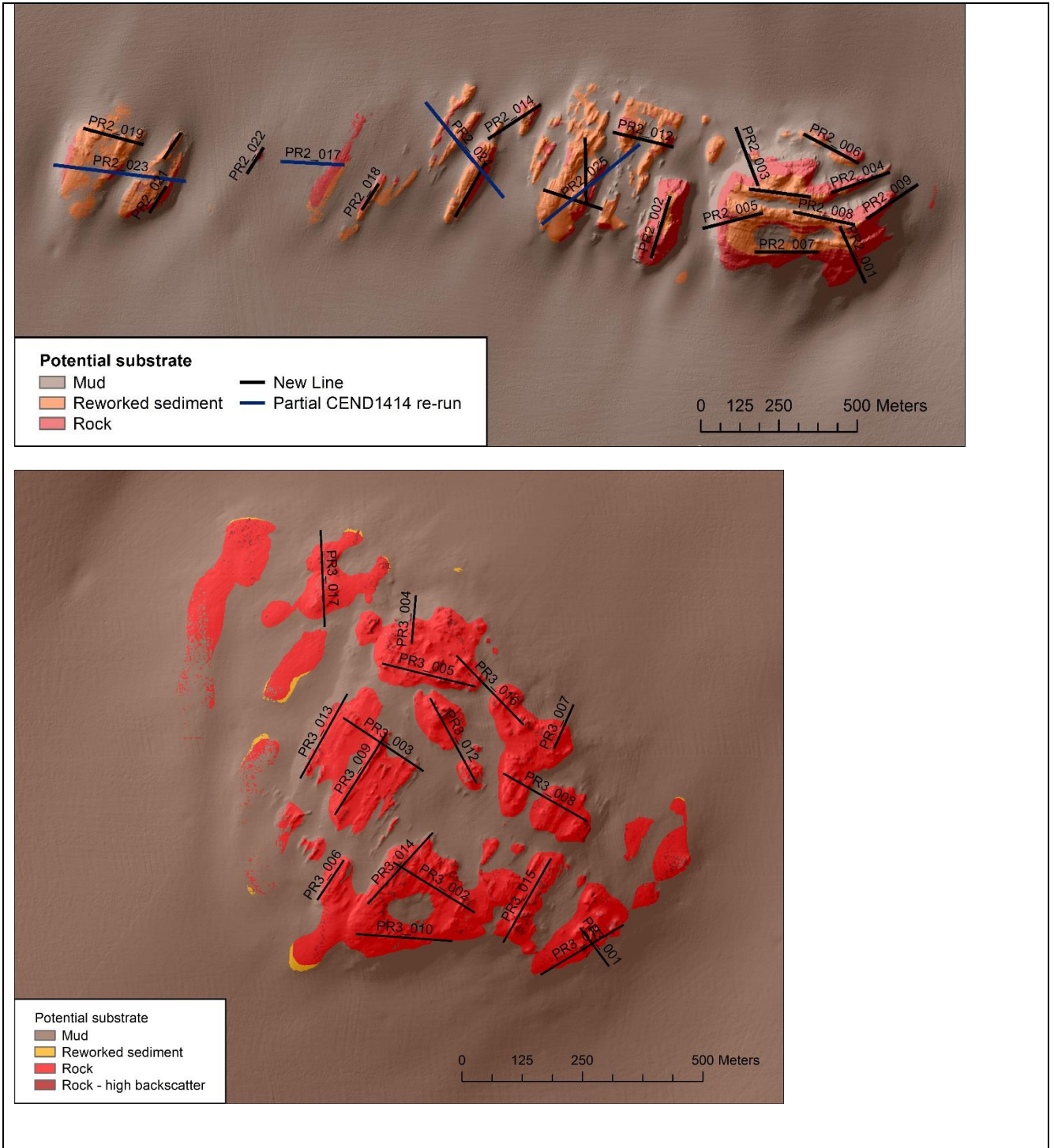
n/a

CEFAS/JNCC Comments

Summary of camera stations at Pisces Reef Complex cSAC/SCI PR1, PR2 and PR3;



DAILY LOG STATUS REPORT



CEFAS SIC: C. Jenkins

JNCC Rep: M. Nelson