

Tyco	MARS Monterey Bay CS Global Sentinel Deep Sea Installation Daily Project Status Report	Report No. 5 Date: 03/12/07 Local Time: 0800 GMT -7 Prepared by: DB Page 1 of 4
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A. VESSEL LOCATION

Latitude	36° 45.800' N	Longitude	122° 11.400' W	Datum	WGS84
SHIPBOARD PERSONNEL					
Officers:		Unlicensed:		Tyco Staff:	Others:
18		27		9	20

In Transit

B. WEATHER

Time	Barometer	Sea State	Winds
0000	1020.5	1	SE force 2
0600	1020.2	1	NE force 2
1200	1021	1	Lt. Airs
1800	1019.5	3	SE force 4
WEATHER FORECAST:		MON...W WINDS 5 TO 15 KT. WIND WAVES 1 TO 2 FT. NW SWELL 3 TO 6 FT AT 11 SECONDS. MON NIGHT...W WINDS 5 TO 10 KT BECOMING NE 5 KT. WIND WAVES 1 FT. W SWELL 3 TO 6 FT.	

C. CABLE LAID/BURIED

Segment	Total Length To Lay	Total Length To Bury	Laid Last 24 Hours	Buried Last 24 Hours	Total Laid To Date	Total Buried To Date
1	9.107	43.339	0.000	0.000	0.000	0.000
TOTALS	9.107	43.339	0.000	0.000	0.000	0.000

D. SCHEDULED DATE OF COMPLETION: 3/28/2007

E. ESTIMATED DATE OF COMPLETION: 3/28/2007

F. DAILY CHRONOLOGY: (ACTIVITIES LAST 24 HOURS)

Local Time (0000-2400)	Activity
0046	Passing AC7 N36 53.1310 W121 57.6150 WD 40m KP 18.098 Vs 0.70 kts

0156	Exiting Naval Ops area N36 53.1330 W121 58.6190 WD 43m KP 19.589 Vs 0.58 kts
0310	Vessel stop for periodic grapnel recovery and inspection N36 53.1330 W121 58.7820 WD 44m KP 19.832 Vs 0.05 kts
0338	Grapnel hooks clear. Resume PLGR. N36 53.1296 W121 58.6118 WD 44m KP 19.578 Vs 0.26 kts
0905	Passing AC9 N36 52.7990 W122 03.5710 WD 72m KP 27.028 Vs 0.83 kts
0945	Tension spike to 7000lb. Stop for grapnel inspection. N36 52.5344 W122 04.1444 WD 79m KP 28.010 Vs 0.80 kts Approximate hook position at tension spike N36 52.663 W122 03.8658 WD 78m KP 27.533
1026	Grapnel out of water. Scrap wire engaged on hook. N36 52.6260 W122 03.9630 WD 77m KP 27.691 Vs 0.03 kts
1130	Scrap wire ends secured. Cut scrap wire on foredeck. N36 52.6266 W122 03.9619 WD 77m KP 27.690 Vs 0.05 kts
1147	Commence pickup of scrap wire on port drum. N36 52.6266 W122 03.9618 WD 77m KP 27.690 Vs 0.26 kts
1215	End of scrap on port drum. Approx 50 meters recovered. Commence recovery of second scrap end. N36 52.6266 W122 03.9619 WD 77m KP 27.690 Vs 0.05 kts
1321	End of scrap wire on deck. Approx 162m total wire recovered. N36 52.6477 W122 03.9840 WD 77m KP 27.700 Vs 0.25 kts
1401	Preparing to resume PLGR. N36 52.6578 W122 03.8786 WD 77m KP 27.554 Vs 0.04 kts
1432	Grapnel hooks a waters edge. Resume PLGR. N36 52.6640 W122 03.8749 WD 76m KP 27.544 Vs 0.11 kts
1825	Tension spike to 6000lb. Stop for grapnel inspection. N36 51.2420 W122 06.9770 WD 99m KP 32.851 Vs 0.03 kts
1915	Grapnel hooks clear. Resume PLGR. N36 51.3310 W122 06.7675 WD 98m KP 32.499 Vs 0.12 kts
2128	Passing A/C 10 N36 50.7210 W122 08.1180 WD 110m KP 34.802 Vs 0.82 kts
2142	Passing A/C 11 N36 50.6280 W122 08.3260 WD 112m KP 35.163 Vs 0.83 kts
2158	Passing A/C 12 N36 50.4900 W122 08.5250 WD 114m KP 35.533 Vs 0.80 kts
2211	Passing A/C 13 N36 50.4750 W122 08.7400 WD 119m KP 35.847 Vs 0.83 kts
2236	Passing A/C 14 N36 50.3580 W122 09.0940 WD 127m KP 36.416 Vs 0.86 kts
2242	Vessel stop at plow up position. Recover grapnel. N36 50.3310 W122 09.1730 WD 130m KP 36.543 Vs 0.06 kts
2326	Grapnel out of water N36 50.4290 W122 08.9220 WD 122m KP 36.128 Vs 0.04 kts
2330	Proceeding to plow down position to resume PLGR. N36 50.4291 W122 08.9217 WD 123m KP 36.128 Vs 0.05 kts

G. PLANNED ACTIVITIES NEXT 24 HOURS:

Complete PLGR operations. Complete ROV survey of TRF landing area. Calibrate USBL/HPR.

H. OPERATIONAL SUMMARY

Activity	Today (Hours)	Brought Forward (Hours)	Total Hours To Date
In Port Working	0.00	0.00	0.00
In Port Standby	0.00	0.00	0.00
Splicing Operations	0.00	0.00	0.00
Burial Operations	0.00	0.00	0.00
Surface Lay Operations	0.00	0.00	0.00
Transit	0.00	57.50	57.50
Weather Downtime	0.00	0.00	0.00
Equipment Downtime	0.00	0.00	0.00
Vessel Downtime	0.00	0.00	0.00
Plow Downtime	0.00	0.00	0.00
Downtime/Other	0.00	0.00	0.00
Sea Plow Trial	0.00	13.50	13.50
PLGR Operations	23.00	14.50	37.50
TOTALS	23.00	85.50	108.50

I. ESTIMATED DATES FOR PLANNING PROJECT RELATED ACTIVITIES

Date	Activity
3/14/2007	Shore Landing
3/18/2007	Complete Surface Lay
3/26/2007	Install TRF
3/28/2007	Disembark Personnel

J. TRANSMISSION:

K. SUPPORT VESSEL STATUS

L. CONTACT NUMBERS

Tyco Voice:		Vessel Mobile:	
Tyco FAX:		Vessel Email:	
Tyco Mobile:		Other Voice:	872 353 832 231
Tyco Email:		Other FAX:	872 353 832 232
Vessel Voice:	872 353 832 235	Other Mobile:	
Vessel FAX:	872 353 832 237	Other Email:	

M. GENERAL REMARKS/COMMENTS: Grapnel hooks raised for inspection approximately every 10 km. Ships clocks advanced 1 hour to conform to PDT (UTC -7).

N. TYCO REPRESENTATIVE COMMENTS: Vessel experienced intermittent gyro failure on one main gyro. Continuing operations offshore pending arrangement for repairs.

O. VESSEL REPRESENTATIVE COMMENTS: Vessel is operating in compliance with all known permit requirements.

P. PURCHASER REPRESENTATIVE COMMENTS:

Q. SIGNATURES:

D Brawn
Tyco Representative

G Thomas
Vessel Master

M Wilson
ASN Representative

K Brekke
MBARI Representative

J Slaughter
MBNMS Representative