

Tyco	MARS Monterey Bay CS Global Sentinel Deep Sea Installation Daily Project Status Report	Report No. 13 Date: 03/20/07 Local Time: 0800 GMT -7 Prepared by: DB Page 1 of 5
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A. VESSEL LOCATION

Latitude	36° 47.800' N	Longitude	122° 11.400' W	Datum	WGS84
SHIPBOARD PERSONNEL					
Officers:		Unlicensed:		Tyco Staff:	Others:
18		27		9	20

☐	In Transit
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B. WEATHER

Time	Barometer	Sea State	Winds
0000	1016	3	NW force 4
0600	1015.8	2	NW force 3
1200	1016	1	E force 2
1800	1015.6	2	WNW force 4
WEATHER FORECAST:		HIGH PRESSURE MOVING IN FROM THE WEST ALLOWS MODERATE WNW-LIES TO SHIFT N/NW-LY WHILE FRESHENING TUESDAY MORNING. LOW EXPECTED TO REMAIN OVER THE EAST PACIFIC THROUGH THE REST OF THE PERIOD WITH A BRIEF PERIOD OF STRONG WINDS POSSIBLE WEDNESDAY. COMBINED SEAS/SWELLS RISE TO 3-4M WEDNESDAY MORNING. ISOLATED TO WIDELY SCATTERED SHOWERS/THUNDERSTORMS POSSIBLE TUESDAY. VISIBILITY MODERATE, WITH AREAS OF POOR VISIBILITY POSSIBLE.	

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	1.806	2.965	3.033	34.945
TOTALS	9.107	43.339	1.806	2.965	3.033	34.945

D. SCHEDULED DATE OF COMPLETION: 3/30/2007

E. ESTIMATED DATE OF COMPLETION: 4/2/2007

F. DAILY CHRONOLOGY: (ACTIVITIES LAST 24 HOURS)

Local Time (0000-2400)	Activity
0046	Fiber coiling completed. N36 51.1475 W122 07.1698 WD 101m KP 33.187 Vs 0.02 kts
0101	Commence mold operation. N36 51.1479 W122 07.1700 WD 102m KP 33.187 Vs 0.09 kts
0434	Commence X-ray. N36 51.1477 W122 07.1700 WD 101m KP 33.187 Vs 0.03 kts
0612	OTDR testing complete with satisfactory results. Commence armoring. N36 51.1477 W122 07.1699 WD 101m KP 33.187 Vs 0.03 kts
0810	Joint complete. Prepare to resume plow operations. N36 51.1479 W122 07.1702 WD 101m KP 33.187 Vs 0.03 kts
0842	Commence setting scopes. N36 51.1561 W122 07.1636 WD 101m KP 33.171 Vs 0.18 kts
0906	Plow moving on seabed. N36 51.1823 W122 07.1081 WD 101m KP 33.075 Vs 0.13 kts Plow: N36 51.2666 W122 06.9208 KP 32.756
0952	Joint SJ1 at stern. N36 51.1087 W122 07.2652 WD 103m KP 33.346 Vs 0.27 kts
1011	IR test performed with satisfactory results N36 51.0790 W122 07.3311 WD 104m KP 33.458 Vs 0.17 kts
1054	SJ1 at plow N36 51.0067 W122 07.4920 WD 106m KP 33.732 Vs 0.28 kts Plow: N36 51.0929 W122 07.3018 KP 33.407
1450	Plow passing AC10. N36 50.6269 W122 08.2988 WD 113m KP 35.122 Vs 0.23 kts Plow: N36 50.7201 W122 08.1173 KP 34.802
1556	Plow passing AC11. N36 50.5237 W122 08.4980 WD 116m KP 35.473 Vs 0.37 kts Plow: N36 50.6088 W122 08.3126 KP 35.158
1704	Plow passing AC12. N36 50.4875 W122 08.7563 WD 118m KP 35.859 Vs 0.24 kts Plow: N36 50.5311 W122 08.5472 KP 35.536
1756	Plow passing AC13 N36 50.4409 W122 08.9475 WD 123m KP 36.153 Vs 0.16 kts Plow: N36 50.4943 W122 08.7463 KP 35.840
1840	Vessel stop. Plow at plow up position. Commence plow recovery. N36 50.3637 W122 09.0883 WD 130m KP 36.403 Vs 0.06 kts
1939	Plow off bottom N36 50.4424 W122 08.8989 WD 123m KP 36.087 Vs 0.01 kts Plow: N36 50.4430 W122 08.8977 KP 36.084
2002	Plow at surface N36 50.4118 W122 08.9796 WD 125m KP 36.219 Vs 0.06 kts Plow: N36 50.4125 W122 08.9783 KP 36.217
2006	Wire rope engaged in plow share. N36 50.4125 W122 08.9787 WD 126m KP 36.217 Vs 0.03 kts
2053	Engaged wire rope cut away from plow share. N36 50.4046 W122 08.9940 WD 126m KP 36.244 Vs 0.01 kts
2055	Plow on deck N36 50.4004 W122 08.9906 WD 126m KP 36.243 Vs 0.03 kts
2133	Commence surface lay operations. N36 50.4112 W122 08.9578 WD 125m KP 36.190 Vs 0.08 kts
2152	Vessel passing AC14. N36 50.3596 W122 09.0974 WD 131m KP 36.419 Vs 0.40 kts
2228	Tank 3 to Tank 2 transfer complete.

	N36 50.2628 W122 09.3731 WD 156m KP 36.866 Vs 0.45 kts
2235	Joint SJ2 at stern. N36 50.2438 W122 09.4287 WD 164m KP 36.956 Vs 0.39 kts
2238	Vessel passing AC15. N36 50.2358 W122 09.4512 WD 171m KP 36.992 Vs 0.42 kts
2249	Vessel passing AC16. N36 50.2072 W122 09.5312 WD 191m KP 37.122 Vs 0.40 kts
2305	Vessel passing AC17. N36 50.1570 W122 09.6380 WD 214m KP 37.122 Vs 0.40 kts
2352	Vessel passing AC18 N36 49.9516 W122 09.9110 WD 303m KP 37.864 Vs 0.40 kts

G. PLANNED ACTIVITIES NEXT 24 HOURS:

Complete surface lay. Commence plow burial operations.

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	24.00	24.00
Splicing Operations	8.25	10.75	19.00
Burial Operations	13.25	61.75	75.00
Surface Lay Operations	2.50	7.50	10.00
Transit	0.00	57.50	57.50
Weather Downtime	0.00	0.00	0.00
Equipment Downtime	0.00	9.75	9.75
Vessel Downtime	0.00	0.00	0.00
Plow Downtime	0.00	23.25	23.25
Downtime/Other	0.00	0.00	0.00
Sea Plow Trial	0.00	13.50	13.50
PLGR Operations	0.00	50.00	50.00
ROV Operations	0.00	6.00	6.00
Calibration	0.00	12.50	12.50
TOTALS	24.00	276.50	300.50

I. ESTIMATED DATES FOR PLANNING PROJECT RELATED ACTIVITIES

Date	Activity
3/14/2007	Shore Landing
3/19/2007	Complete Surface Lay
3/28/2007	Install TRF
4/2/2007	Disembark Personnel

J. TRANSMISSION: OTDR and IR test results satisfactory. Testing conducted IAW ASN protocol.

K. SUPPORT VESSEL STATUS

MBARI providing three local fishing vessels to perform guard boat duties on a rotating basis.

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:**N. TYCO REPRESENTATIVE COMMENTS:**

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

MARS
Daily Burial - GLOBAL SENTINEL
19 Mar 2007 1609 UTC to 20 Mar 2007 0138 UTC

