

Tyco	MARS Monterey Bay CS Global Sentinel Deep Sea Installation Daily Project Status Report	Report No. 16 Date: 03/23/07 Local Time: 0800 GMT -7 Prepared by: DB Page 1 of 6
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A. VESSEL LOCATION

Latitude	37° 34.500' N	Longitude	122° 39.600' 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	1014.2	3	WNW force 4
0600	1013.2	2	ENE force 2
1200	1015	2	NNE force 2
1800	1011.5	4	NW force 6
WEATHER FORECAST:		WINDS FRESH, TO AT TIMES STRONG, N/NW-LIES CONTINUE THROUGH MUCH OF THE OUTLOOK AS HIGH PRESSURE INFLUENCES THE REGION.	

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	1.220	5.282	9.228	43.089
TOTALS	9.107	43.339	1.220	5.282	9.228	43.089

PLIB Site (KP)	Est. Amt. to Bury (Km)	Est. Amt. to Inspect (Km)	# of Jetting Passes Last 24	Total Burial Completed (Km)	Remaining (Km)
1.04-1.23	0.186	0	0	0.186	0
36.09-42.6	0	6.513	0	6.513	0
42.6-42.92	0.315	0	3	0.315	0
50.72-52.13	1.407	0	0	0	1.407
47.6-50.72	0	3.133	0	0	3.133

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
0000	Arrival PLIB site 3. Prepare for ROV launch. N36 47.5333 W122 11.5583 WD 461m KP 43.044 Vs 0.17 kts
0105	ROV off deck N36 47.5750 W122 11.4876 WD 457m KP 42.935 Vs 0.07 kts
0110	ROV in water N36 47.5753 W122 11.4875 WD 456m KP 42.934 Vs 0.13 kts ST217: N36 47.5859 W122 11.4866 KP 42.916
0127	ROV on Bottom N36 47.5747 W122 11.4876 WD 457m KP 42.936 Vs 0.12 kts ST217: N36 47.5649 W122 11.4884 KP 42.953
0139	ROV positioning on plow trench and cable N36 47.5830 W122 11.4821 WD 457m KP 42.918 Vs 0.11 kts ST217: N36 47.5743 W122 11.4601 KP 42.921
0140	ROV on cable track N36 47.5853 W122 11.4791 WD 456m KP 42.913 Vs 0.14 kts ST217: N36 47.5777 W122 11.4634 KP 42.918
0147	Start jetting pass 1 N36 47.5901 W122 11.4768 WD 455m KP 42.903 Vs 0.11 kts ST217: N36 47.5767 W122 11.4615 KP 42.918
0254	Start jetting pass 2 N36 47.7483 W122 11.3802 WD 449m KP 42.578 Vs 0.20 kts ST217: N36 47.7474 W122 11.3748 KP 42.577
0403	Start jetting pass 3 N36 47.5825 W122 11.4626 WD 454m KP 42.909 Vs 0.03 kts ST217: N36 47.5732 W122 11.4659 KP 42.926
0544	End of jetting pass 3 N36 47.7589 W122 11.3654 WD 447m KP 42.552 Vs 0.05 kts ST217: N36 47.7478 W122 11.3689 KP 42.573
0652	Commence inspection pass site 3. N36 47.5718 W122 11.4550 WD 453m KP 42.924 Vs 0.09 kts ST217: N36 47.5735 W122 11.4633 KP 42.925
0738	Inspection complete. Commence Inspection site 2 (Smooth Ridge) N36 47.7482 W122 11.3706 WD 446m KP 42.574 Vs 0.33 kts ST217: N36 47.7474 W122 11.3637 KP 42.571
1431	Joint SJ2 visible. N36 50.2209 W122 09.4562 WD 153m KP 37.009 Vs 0.81 kts ST217: N36 50.2258 W122 09.4592 KP 37.010
1507	Wire rope visible under cable. N36 50.3950 W122 08.9923 WD 117m KP 36.250 Vs 0.07 kts ST217: N36 50.3941 W122 08.9939 KP 36.252
1529	Cable into 1m plow burial. N36 50.4517 W122 08.8540 WD 0m KP 36.019 Vs 0.31 kts ST217: N36 50.4571 W122 08.8490 KP 36.008
1543	ROV returning to wire rope crossing for further inspection. N36 50.4443 W122 08.8737 WD 114m KP 36.051 Vs 0.37 kts ST217: N36 50.4431 W122 08.8843 KP 36.066
1810	Survey complete. Recover ROV and install cutting tool. N36 50.3988 W122 08.9913 WD 118m KP 36.245 Vs 0.06 kts ST217: N36 50.3944 W122 08.9911 KP 36.248
1817	ROV off seabed

	N36 50.3996 W122 08.9836 WD 117m KP 36.234 Vs 0.07 kts ST217: N36 50.3930 W122 08.9823 KP 36.238
1826	ROV on deck N36 50.4007 W122 08.9841 WD 117m KP 36.234 Vs 0.10 kts ST217: N36 50.3949 W122 08.9720 KP 36.222
1902	Cutting tool installed. ROV off deck. N36 50.3983 W122 08.9905 WD 118m KP 36.244 Vs 0.06 kts ST217: N36 50.3926 W122 08.9785 KP 36.233
1913	ROV on Bottom N36 50.3971 W122 08.9979 WD 118m KP 36.255 Vs 0.08 kts ST217: N36 50.3939 W122 08.9947 KP 36.254
1927	1st cut wire rope made. N36 50.3984 W122 08.9920 WD 118m KP 36.246 Vs 0.03 kts ST217: N36 50.3923 W122 09.0004 KP 36.263
1927	Preparing for ROV recovery due to deteriorating weather N36 50.3980 W122 08.9913 WD 117m KP 36.246 Vs 0.12 kts ST217: N36 50.3926 W122 09.0004 KP 36.262
1930	ROV on surface N36 50.3981 W122 08.9892 WD 118m KP 36.243 Vs 0.05 kts ST217: N36 50.3887 W122 08.9826 KP 36.242
1930	Guard boat released N36 50.3987 W122 08.9885 WD 117m KP 36.241 Vs 0.06 kts ST217: N36 50.3879 W122 08.9855 KP 36.246
1940	ROV out of water N36 50.3987 W122 08.9889 WD 117m KP 36.242 Vs 0.12 kts ST217: N36 50.3879 W122 08.9855 KP 36.246
1945	ROV on deck N36 50.3986 W122 08.9886 WD 117m KP 36.242 Vs 0.08 kts ST217: N36 50.3879 W122 08.9855 KP 36.246
1946	Commence preparation to get underway. N36 50.3986 W122 08.9883 WD 117m KP 36.241 Vs 0.05 kts
2007	Commence transit San Francisco. N36 50.5226 W122 09.2689 WD 123m KP 36.532 Vs 5.24 kts

G. PLANNED ACTIVITIES NEXT 24 HOURS:

Vessel arrive San Francisco to test and load Trawler Resistant Frame.

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	0.00	19.00	19.00
Burial Operations	0.00	96.75	96.75
Surface Lay Operations	0.00	18.50	18.50
Transit	4.25	63.00	67.25
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	31.25	31.25
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
PLIB Operations	19.75	4.25	24.00
TOTALS	24.00	348.50	372.50

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:

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: Wire rope observed under cable at KP36.26. Decision made to cut wire rope and pull from under cable. One of three cuts completed. ROV dive aborted due to deteriorating weather. Wire rope will be removed upon return to PLIB ops.

N. TYCO REPRESENTATIVE COMMENTS: Installation daily reports will be suspended during vessel port call. Daily reports will resume on vessel departure for TRF installation.

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
PLIB Site 3 - GLOBAL SENTINEL
22 Mar 2007 1352 UTC to 22 Mar 2007 1500 UTC

