

Tyco	MARS Monterey Bay CS Global Sentinel Deep Sea Installation Daily Project Status Report	Report No. 20 Date: 04/01/07 Local Time: 0800 GMT -7 Prepared by: DB Page 1 of 5
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A. VESSEL LOCATION

Latitude	36° 44.900' N	Longitude	122° 11.200' W	Datum	WGS84
SHIPBOARD PERSONNEL					
Officers:		Unlicensed:		Tyco Staff:	Others:
15		27		5	19

☐	In Transit
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B. WEATHER

Time	Barometer	Sea State	Winds
0000	1020	3	WNW force 4
0600	1018.4	4	NW force 5
1200	1019	4	NW force 4
1800	1014.8	5	NW force 7
WEATHER FORECAST:		PERIODS OF FRESH TO STRONG NW/NNW-LIES ARE STILL FORECAST AS HIGH PRESSURE TO THE WEST BECOMES ABSORBED INTO A STRONGER HIGH BUILDING WEST OF THE PACIFIC NORTHWEST. WINDS RELAX TUESDAY AS THE HIGH MOVES INLAND. VISIBILITY MODERATE, POOR IN THE MORNING.	

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	0	9.228	43.089
TOTALS	9.107	43.339	0	0	9.228	43.089

PLIB Site (KP)	Est. Amt. to Bury (Km)	Est. Amt. to Inspect (Km)	# of Jetting Passes Last 24 Hours	Total Burial /Inspection 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	0	0.315	0
50.67-TRF	1.530	0	2	0	1.530
47.6-50.72	0	3.133	0	0	3.133

D. SCHEDULED DATE OF COMPLETION: 4/1/2007

E. ESTIMATED DATE OF COMPLETION: 4/1/2007

F. DAILY CHRONOLOGY: (ACTIVITIES LAST 24 HOURS)

Local Time (0000-2400)	Activity
0026	Last bridle cut completed. N36 42.7335 W122 11.2082 WD 888m KP 52.033 Vs 0.05 kts ROV: N36 42.7427 W122 11.2065
0054	Final cut. Lowering rigging cut away. N36 42.7333 W122 11.2071 WD 888m KP 52.033 Vs 0.09 kts ROV: N36 42.7512 W122 11.2116
0059	Commence recovery of cut away rigging and ROV recovery. N36 42.7333 W122 11.2077 WD 888m KP 52.033 Vs 0.10 kts ROV: N36 42.7487 W122 11.2121
0106	ROV off bottom N36 42.7294 W122 11.1983 WD 889m KP 52.040 Vs 0.32 kts ROV: N36 42.7095 W122 11.2462
0127	ROV on deck N36 42.6859 W122 11.1460 WD 890m KP 52.119 Vs 0.06 kts
0152	Lowering rigging at bow. N36 42.6682 W122 11.2490 WD 895m KP 52.154 Vs 0.32 kts
0204	Lowering rigging onboard. N36 42.6364 W122 11.3116 WD 902m KP 52.215 Vs 0.07 kts
0244	Vessel in position for PLIB. ROV tracks being installed. N36 42.7407 W122 11.2149 WD 886m KP 52.020 Vs 0.04 kts
0358	ROV off deck for PLIB N36 42.7418 W122 11.2161 WD 886m KP 52.018 Vs 0.15 kts
0415	Commence ROV recovery to reconfigure TSS. N36 42.7421 W122 11.2157 WD 886m KP 52.017 Vs 0.01 kts
0425	ROV on deck N36 42.7422 W122 11.2161 WD 886m KP 52.017 Vs 0.03 kts
0535	ROV off deck for PLIB. N36 42.7505 W122 11.2179 WD 886m KP 52.002 Vs 0.23 kts
0540	ROV in the water. N36 42.7548 W122 11.2183 WD 886m KP 51.993 Vs 0.04 kts
0600	ROV on bottom. N36 42.7600 W122 11.2186 WD 886m KP 51.984 Vs 0.07 kts ROV: N36 42.7689 W122 11.2110 KP 51.967
0617	Commence first inspection pass. N36 42.7455 W122 11.2021 WD 886m KP 52.010 Vs 0.02 kts ROV: N36 42.7505 W122 11.1937 KP 52.001
0631	ROV at joint SJ3. N36 42.7922 W122 11.2008 WD 882m KP 51.924 Vs 0.23 kts ROV: N36 42.7941 W122 11.1934 KP 51.920
0821	ROV on plow trench N36 43.4644 W122 11.1928 WD 821m KP 50.681 Vs 0.42 kts ROV: N36 43.4643 W122 11.1919 KP 50.681
0825	Commence jetting pass 1. N36 43.4684 W122 11.1947 WD 819m KP 50.673 Vs 0.01 kts ROV: N36 43.4695 W122 11.1953 KP 50.671

1205	ROV at TRF. End jetting pass 1. N36 42.7316 W122 11.2114 WD 886m KP 52.036 Vs 0.05 kts ROV: N36 42.7489 W122 11.2015 KP 52.004
1212	Commence jetting pass 2. N36 42.7319 W122 11.2124 WD 885m KP 52.036 Vs 0.06 kts ROV: N36 42.7553 W122 11.2046 KP 51.992
1631	Weather conditions deteriorating rapidly. Abort jetting pass. Commence ROV recovery. N36 43.4131 W122 11.1930 WD 823m KP 50.776 Vs 0.13 kts ROV: N36 43.4283 W122 11.1870 KP 50.747
1635	ROV off bottom N36 43.4123 W122 11.1931 WD 822m KP 50.777 Vs 0.10 kts ROV: N36 43.4207 W122 11.1843 KP 50.761
2041	Weather improved. ROV off deck for resumption of jetting. N36 43.4143 W122 11.2101 WD 823m KP 50.773 Vs 0.12 kts ROV: N36 43.4370 W122 11.1902 KP 50.731
2047	ROV in water N36 43.4144 W122 11.2108 WD 824m KP 50.774 Vs 0.14 kts ROV: N36 43.4370 W122 11.1902 KP 50.731
2105	ROV on bottom N36 43.4146 W122 11.2121 WD 824m KP 50.773 Vs 0.14 kts ROV: N36 43.4320 W122 11.2005 KP 50.741
2112	ROV lining up on cable N36 43.4135 W122 11.2011 WD 824m KP 50.774 Vs 0.03 kts ROV: N36 43.4340 W122 11.1854 KP 50.736
2115	Resume jetting pass 2. N36 43.4138 W122 11.2017 WD 822m KP 50.775 Vs 0.19 kts ROV: N36 43.4428 W122 11.1874 KP 50.720
2121	End jetting pass 2. N36 43.4340 W122 11.2025 WD 822m KP 50.737 Vs 0.28 kts ROV: N36 43.4646 W122 11.1850 KP 50.680
2141	Commence jetting pass 3. N36 43.4424 W122 11.2048 WD 820m KP 50.722 Vs 0.07 kts ROV: N36 43.4735 W122 11.1851 KP 50.664
2359	ROV jetting on pass 3. N36 42.9763 W122 11.2072 WD 866m KP 51.584 Vs 0.24 kts ROV: N36 42.9921 W122 11.1910 KP 51.554

G. PLANNED ACTIVITIES NEXT 24 HOURS:

Complete PLIB operations.

H. OPERATIONAL SUMMARY

Activity	Today (Hours)	Brought Forward (Hours)	Total Hours To Date
In Port Working	0.00	126.00	126.00
Standby	0.00	24.00	24.00
Splicing Operations	0.00	37.50	37.50
Burial Operations	0.00	96.75	96.75
Surface Lay Operations	0.00	31.75	31.75
Transit	0.00	88.50	88.50
Weather Downtime	4.50	0.00	4.50
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	5.50	19.00	24.50
Calibration	0.00	12.50	12.50
PLIB Operations	14.00	24.00	38.00
TOTALS	24.00	564.50	588.50

I. ESTIMATED DATES FOR PLANNING PROJECT RELATED ACTIVITIES

Date	Activity
3/14/2007	Shore Landing
3/20/2007	Complete Surface Lay
3/30/2007	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:

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