

Tyco	MARS Monterey Bay CS Global Sentinel Deep Sea Installation Daily Project Status Report	Report No. 9 Date: 03/16/07 Local Time: 0800 GMT -7 Prepared by: DB Page 1 of 4
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A. VESSEL LOCATION

Latitude	36° 49.000' N	Longitude	121° 48.500' 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	1018.5	2	E force 3
0600	1018	1	E force 2
1200	1018	2	NW force 4
1800	1015.3	2	S force 2
WEATHER FORECAST:		MODERATE TO FRESH NNW/NW-LIES ARE EXPECTED OVER THE FORECAST PERIOD AS A HEAT TROUGH OVER THE BAJA INTERACTS WITH A RIDGE IN THE PACIFIC. MODERATE TO POOR, WITH AREAS OF FOG POSSIBLE DURING THE MORNING HOURS	

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	1.141	0.000
TOTALS	9.107	43.339	0.000	0.000	1.141	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
0350	Tow winch repairs completed. Commence dead plow recovery. N36 48.9360 W121 48.4366 WD 21m KP 2.045 Vs 0.05 kts

0514	Plow off bottom N36 48.7963 W121 48.2599 WD 22m KP 1.677 Vs 0.30 kts
0516	Plow at waters edge. N36 48.8007 W121 48.2656 WD 19m KP 1.689 Vs 0.18 kts
0539	Observed wire rope engaged on plow share. N36 48.7998 W121 48.2652 WD 21m KP 1.687 Vs 0.03 kts
0601	Plow at vessel stern. Unable to safely remove engaged wire rope. N36 48.8129 W121 48.2818 WD 20m KP 1.722 Vs 0.03 kts
0614	Wire rope cut off plow share. N36 48.8104 W121 48.2840 WD 20m KP 1.721 Vs 0.08 kts
0617	Resume plow recovery. N36 48.8092 W121 48.2854 WD 20m KP 1.720 Vs 0.01 kts
0633	Plow on deck. N36 48.8090 W121 48.2858 WD 20m KP 1.721 Vs 0.02 kts
0747	Plow repairs underway. N36 48.8093 W121 48.2854 WD 22m KP 1.721 Vs 0.04 kts
0808	Cable unloaded from plow. N36 48.8091 W121 48.2857 WD 22m KP 1.721 Vs 0.04 kts
0823	Commence recovery of 100m of cable for inspection. N36 48.8092 W121 48.2856 WD 22m KP 1.721 Vs 0.01 kts
0913	100m of cable recovered. No damage observed. N36 48.7662 W121 48.2303 WD 22m KP 1.606 Vs 0.02 kts
0953	IR testing completed with satisfactory results. N36 48.7656 W121 48.2300 WD 22m KP 1.605 Vs 0.07 kts
1134	Decision made recover all cable back to bore pipe and re-bury. Commence recovery of cable. N36 48.7661 W121 48.2300 WD 21m KP 1.606 Vs 0.06 kts
1312	Cable recovery complete. Vessel holding station. N36 48.6372 W121 47.9921 WD 20m KP 1.173 Vs 0.18 kts
1824	Dive vessel departs vicinity of bore pipe. Resume cable recovery to ship landing position. N36 48.6376 W121 47.9925 WD 21m KP 1.174 Vs 0.02 kts
1837	Vessel standing by in position. N36 48.6302 W121 47.9715 WD 20m KP 1.140 Vs 0.08 kts
2206	Plow repairs completed. Commence plow launch operations. N36 48.6313 W121 47.9752 WD 21m KP 1.146 Vs 0.03 kts
2211	Cable loaded in plow. N36 48.6359 W121 47.9871 WD 21m KP 1.165 Vs 0.02 kts
2218	Plow off deck N36 48.6372 W121 47.9889 WD 21m KP 1.169 Vs 0.34 kts
2233	Plough in water N36 48.6454 W121 48.0132 WD 22m KP 1.208 Vs 0.20 kts
2235	Plow on bottom N36 48.6493 W121 48.0222 WD 22m KP 1.223 Vs 0.21 kts
2246	Plow experiencing electrical problems. Commence plow recovery. N36 48.6554 W121 48.0379 WD 22m KP 1.249 Vs 0.02 kts
2302	Plow off bottom N36 48.6485 W121 48.0207 WD 22m KP 1.220 Vs 0.13 kts
2304	Plow at water's edge. N36 48.6509 W121 48.0258 WD 22m KP 1.229 Vs 0.26 kts
2346	Plow on deck N36 48.6600 W121 48.0520 WD 21m KP 1.272 Vs 0.02 kts
2356	Vessel recovering cable back to landing position. N36 48.6601 W121 48.0516 WD 22m KP 1.271 Vs 0.00 kts

G. PLANNED ACTIVITIES NEXT 24 HOURS:

Complete plow repairs. Resume 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	0.00	0.00	0.00
Burial Operations	0.00	3.50	3.50
Surface Lay Operations	0.00	7.50	7.50
Transit	0.00	57.50	57.50
Weather Downtime	0.00	0.00	0.00
Equipment Downtime	3.75	6.00	9.75
Vessel Downtime	0.00	0.00	0.00
Plow Downtime	20.25	0.00	20.25
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	180.50	204.50

I. ESTIMATED DATES FOR PLANNING PROJECT RELATED ACTIVITIES

Date	Activity
3/14/2007	Shore Landing
3/19/2007	Complete Surface Lay
3/26/2007	Install TRF
3/28/2007	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: Cable Laid/Buried totals changed to reflect recovery of cable back to ship landing position.

N. TYCO REPRESENTATIVE COMMENTS: As of 0700 local time, 16 March, vessel is underway performing plow burial.

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