

Tyco	MARS Monterey Bay CS Global Sentinel Deep Sea Installation Daily Project Status Report	Report No. 8 Date: 03/15/07 Local Time: 0800 GMT -7 Prepared by: DB Page 1 of 5
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A. VESSEL LOCATION

Latitude	36° 48.800' N	Longitude	121° 48.300' 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	1017.8	2	NW force 3
0600	1019.2	1	ESE force 2
1200	1020.5	1	SE force 2
1800	1018.3	1	W force 2
WEATHER FORECAST:		MODERATE TO FRESH N/NW-LIES EXPECTED OVER THE PERIOD IN ASSOCIATION WITH PACIFIC HIGH PRESSURE. VISIBILITY 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	0.167	1.364	0.167	1.364
TOTALS	9.107	43.339	0.167	1.364	0.167	1.364

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
0716	Maneuvering to landing position. N36 48.7124 W121 48.8749 WD 31m KP 2.191 Vs 2.69 kts
0810	In position for landing operations. N36 48.6292 W121 47.9716 WD 22m KP 1.139 Vs 0.03 kts

0812	Messenger line passed to support boat. N36 48.6303 W121 47.9711 WD 21m KP 1.139 Vs 0.01 kts
0837	Hauling in messenger line. N36 48.6302 W121 47.9713 WD 21m KP 1.140 Vs 0.02 kts
0856	Messenger line parted. N36 48.6298 W121 47.9710 WD 21m KP 1.139 Vs 0.07 kts
0934	Uniline passed to support boat as messenger. N36 48.6299 W121 47.9711 WD 21m KP 1.139 Vs 0.04 kts
0955	Hauling in uniline. N36 48.6292 W121 47.9708 WD 21m KP 1.138 Vs 0.03 kts
1006	Bore pipe pulling wire aboard. N36 48.6292 W121 47.9693 WD 21m KP 1.136 Vs 0.11 kts
1018	Pulling wire connected to cable. N36 48.6285 W121 47.9680 WD 21m KP 1.134 Vs 0.05 kts
1033	Beach hauling in cable. N36 48.6293 W121 47.9683 WD 21m KP 1.135 Vs 0.11 kts
1044	Cable end in bore pipe bellmouth. N36 48.6286 W121 47.9678 WD 21m KP 1.133 Vs 0.02 kts
1149	Cable end bore pipe shore end. N36 48.6291 W121 47.9681 WD 20m KP 1.134 Vs 0.00 kts
1155	Beach securing cable. N36 48.6294 W121 47.9679 WD 20m KP 1.134 Vs 0.13 kts
1308	Stoppers applied to sea anchors by divers. N36 48.6289 W121 47.9682 WD 20m KP 1.134 Vs 0.02 kts
1352	Commence plow launch operations. N36 48.6288 W121 47.9678 WD 20m KP 1.134 Vs 0.04 kts
1416	Cable loaded in plow. N36 48.6337 W121 47.9798 WD 20m KP 1.154 Vs 0.04 kts
1423	Plow off deck. N36 48.6340 W121 47.9803 WD 20m KP 1.155 Vs 0.03 kts
1437	Plough in the water N36 48.6455 W121 48.0084 WD 20m KP 1.201 Vs 0.18 kts
1438	Plow on bottom N36 48.6466 W121 48.0115 WD 20m KP 1.207 Vs 0.18 kts
1457	Plow moving on seabed. N36 48.6670 W121 48.0649 WD 21m KP 1.295 Vs 0.05 kts Plow: N36 48.6470 W121 48.0115 KP 1.207
1539	Plow passing AC 01. N36 48.7141 W121 48.1834 WD 21m KP 1.489 Vs 0.16 kts Plow: N36 48.6784 W121 48.0991 KP 1.349
1552	Tow tensions to 50T. N36 48.7388 W121 48.2260 WD 21m KP 1.565 Vs 0.17 kts Plow: N36 48.6994 W121 48.1453 KP 1.428
1557	Plow passing AC 02. N36 48.7503 W121 48.2373 WD 21m KP 1.592 Vs 0.23 kts Plow: N36 48.7064 W121 48.1587 KP 1.453
1622	Plow passing AC 03. N36 48.7960 W121 48.2763 WD 20m KP 1.693 Vs 0.12 kts Plow: N36 48.7404 W121 48.2070 KP 1.548
1644	Vessel investigate A-frame roller problem. N36 48.8353 W121 48.3168 WD 20m KP 1.788 Vs 0.61 kts Plow: N36 48.7623 W121 48.2325 KP 1.603
1708	Resume plow operations. N36 48.8460 W121 48.3328 WD 21m KP 1.818 Vs 0.22 kts Plow: N36 48.7646 W121 48.2351 KP 1.609

1709	Vs to 0.1 kts_ Tow winch render set 45 T N36 48.8503 W121 48.3370 WD 21m KP 1.828 Vs 0.38 kts Plow: N36 48.7646 W121 48.2352 KP 0.000
1719	Vessel stop_ awaiting plough evaluation N36 48.8593 W121 48.3476 WD 21m KP 1.851 Vs 0.14 kts Plow: N36 48.7712 W121 48.2429 KP 1.626
1721	Vessel stop. Problem with plow hydraulic motor. Plow to reboot system. N36 48.8609 W121 48.3494 WD 20m KP 1.855 Vs 0.11 kts Plow: N36 48.7729 W121 48.2449 KP 0.000
1750	Commence preparations to recover plow. N36 48.8616 W121 48.3504 WD 20m KP 1.857 Vs 0.08 kts
1811	LCE pick up at 1500LBS tow winch set to haul in. N36 48.8615 W121 48.3505 WD 21m KP 1.857 Vs 0.05 kts Plow: N36 48.7733 W121 48.2454 KP 0.000
1812	Commence plow recovery. N36 48.8618 W121 48.3499 WD 20m KP 1.857 Vs 0.14 kts Plow: N36 48.7733 W121 48.2454 KP 1.631
1845	Plow recovery stopped. Investigate tow winch problem. N36 48.8586 W121 48.3467 WD 21m KP 1.850 Vs 0.12 kts Plow: N36 48.7743 W121 48.2466 KP 1.634
2359	Vessel holding position. Tow winch repair underway. N36 48.9365 W121 48.4360 WD 21m KP 2.045 Vs 0.24 kts

G. PLANNED ACTIVITIES NEXT 24 HOURS:

Complete tow winch and 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	7.00	17.00	24.00
Splicing Operations	0.00	0.00	0.00
Burial Operations	3.50	0.00	3.50
Surface Lay Operations	7.50	0.00	7.50
Transit	0.00	57.50	57.50
Weather Downtime	0.00	0.00	0.00
Equipment Downtime	6.00	0.00	6.00
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	0.00	50.00	50.00
ROV Operations	0.00	6.00	6.00
Calibration	0.00	12.50	12.50
TOTALS	24.00	156.50	180.50

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: 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
14 Mar 2007 2207 UTC to 15 Mar 2007 0020 UTC

