

Tyco	MARS Monterey Bay CS Global Sentinel Deep Sea Installation Daily Project Status Report	Report No. 15 Date: 03/22/07 Local Time: 0800 GMT -7 Prepared by: DB Page 1 of 7
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A. VESSEL LOCATION

Latitude	36° 47.600' N	Longitude	122° 11.500' 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	1015.5	5	NW force 6
0600	1013.9	4	NW force 4
1200	1015.5	4	NW force 5
1800	1013.6	2	SW force 2
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	3	0.186	0
36.09-42.6	0	6.513	0	0	6.513
42.6-42.92	0.315	0	0	0	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
0032	Plow passing AC29 N36 44.7698 W122 11.0873 WD 760m KP 48.264 Vs 0.63 kts Plow: N36 45.5103 W122 11.2964 KP 46.879
0117	KM17 at stern N36 44.4138 W122 11.0642 WD 772m KP 48.922 Vs 0.50 kts Plow: N36 45.1687 W122 11.2225 KP 47.521
0121	Plow DOB sensors malfunctions. Continue burial. Burial depth will be verified by ROV. N36 44.3843 W122 11.0571 WD 773m KP 48.976 Vs 0.46 kts Plow: N36 45.1396 W122 11.2164 KP 47.575
0144	KM56 at stern N36 44.2398 W122 11.0233 WD 780m KP 49.243 Vs 0.23 kts Plow: N36 44.9983 W122 11.1865 KP 47.841
0210	Plow passing AC30 N36 44.1224 W122 11.0675 WD 787m KP 49.460 Vs 0.53 kts Plow: N36 44.8935 W122 11.1664 KP 48.037
0336	KM16 at stern N36 43.9279 W122 11.1899 WD 800m KP 49.823 Vs 0.17 kts Plow: N36 44.6778 W122 11.1624 KP 48.436
0454	Cable end seal completed. N36 43.7978 W122 11.1906 WD 806m KP 50.064 Vs 0.19 kts
0501	Vessel speed increased to 0.2 kts N36 43.7872 W122 11.1915 WD 807m KP 50.083 Vs 0.17 kts Plow: N36 44.5359 W122 11.1674 KP 48.698
0636	KM15 at stern N36 43.3124 W122 11.1988 WD 840m KP 50.962 Vs 0.79 kts Plow: N36 44.0425 W122 11.1812 KP 49.611
0755	Plow burial complete. Commence plow recovery. N36 42.8545 W122 11.2106 WD 885m KP 51.809 Vs 0.38 kts Plow: N36 43.4482 W122 11.1950 KP 50.711
0922	Plow off bottom N36 43.1720 W122 11.2001 WD 853m KP 51.222 Vs 0.17 kts Plow: N36 43.4424 W122 11.1952 KP 50.721
1020	Cable end at stern. CC 52279. Commence ground rope payout. N36 42.9134 W122 11.1998 WD 0m KP 51.699 Vs 0.23 kts Plow: N36 42.9146 W122 11.2004 KP 51.697
1240	Plough at water's edge. N36 42.3365 W122 11.2075 WD 947m KP 52.767 Vs 0.11 kts Plow: N36 42.3377 W122 11.2078 KP 52.765
1246	Plow on deck N36 42.3367 W122 11.2041 WD 955m KP 52.766 Vs 0.09 kts
1407	Ground rope weight cut away on stern N36 42.1813 W122 11.2185 WD 1002m KP 53.054 Vs 0.28 kts
1410	Enroute HDD site for PLIB. N36 42.1690 W122 11.2204 WD 0m KP 53.077 Vs 0.39 kts Plow: N36 42.3371 W122 11.2095 KP 52.766
1728	Vessel in position for PLIB N36 48.6424 W121 48.0946 WD 16m KP 1.315 Vs 0.14 kts
1730	ROV off deck N36 48.6423 W121 48.0947 WD 16m KP 1.315 Vs 0.20 kts

1736	ROV in water N36 48.6424 W121 48.0944 WD 23m KP 1.315 Vs 0.21 kts ROV: N36 42.4644 W122 11.2817 KP 52.532
1739	ROV on the bottom N36 48.6434 W121 48.0945 WD 16m KP 1.316 Vs 0.19 kts ROV: N36 48.6511 W121 48.0960 KP 46.917
1829	ROV on cable N36 48.6405 W121 48.0330 WD 14m KP 1.231 Vs 0.20 kts ROV: N36 48.6474 W121 48.0267 KP 46.941
1840	ROV on Cable N36 48.6488 W121 48.0024 WD 21m KP 1.203 Vs 0.25 kts ROV: N36 48.6488 W121 48.0024 KP 1.226
1907	Commence jetting passes N36 48.6445 W121 48.0252 WD 14m KP 1.223 Vs 0.20 kts ROV: N36 48.6598 W121 48.0330 KP 1.246
2027	Completed jetting pass 2 N36 48.6437 W121 48.0198 WD 15m KP 1.215 Vs 0.24 kts ROV: N36 48.6560 W121 48.0228 KP 1.229
2103	Completed jetting pass 3 N36 48.6019 W121 47.9111 WD 19m KP 1.036 Vs 0.10 kts ROV: N36 48.6120 W121 47.9188 KP 1.055
2115	Commence inspection pas N36 48.6014 W121 47.9102 WD 19m KP 1.035 Vs 0.23 kts ROV: N36 48.6148 W121 47.9168 KP 1.054
2141	Inspection complete. Commence ROV recovery N36 48.6376 W121 48.0139 WD 21m KP 1.203 Vs 0.08 kts ROV: N36 48.6452 W121 48.0219 KP 1.219
2141	ROV out of water N36 48.6376 W121 48.0140 WD 14m KP 1.203 Vs 0.12 kts ROV: N36 48.6454 W121 48.0216 KP 1.219
2146	ROV on Deck N36 48.6375 W121 48.0358 WD 23m KP 1.232 Vs 0.51 kts ROV: N36 48.6456 W121 48.0421 KP 1.247
2224	Depart site for PLIB site 3. N36 48.6363 W121 48.9625 WD 26m KP 2.178 Vs 11.24 kts ROV: N36 48.6337 W121 48.9440 KP 2.156

G. PLANNED ACTIVITIES NEXT 24 HOURS:

Complete current PLIB 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	19.00	19.00
Burial Operations	12.75	84.00	96.75
Surface Lay Operations	1.50	17.00	18.50

Transit	5.50	57.50	63.00
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	4.25	0.00	4.25
TOTALS	24.00	324.50	348.50

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: Plow Depth of Burial sensor stopped providing burial depth at about 0121 local. All other sensors (skid height, tensions, etc.) indicate good burial. Continue plow operations, ROV will inspect area to confirm burial depth.

O. VESSEL REPRESENTATIVE COMMENTS: Vessel is operating in compliance with all known permit requirements.

P. PURCHASER REPRESENTATIVE COMMENTS:

Q. SIGNATURES:

D Brawn
Tyco Representative

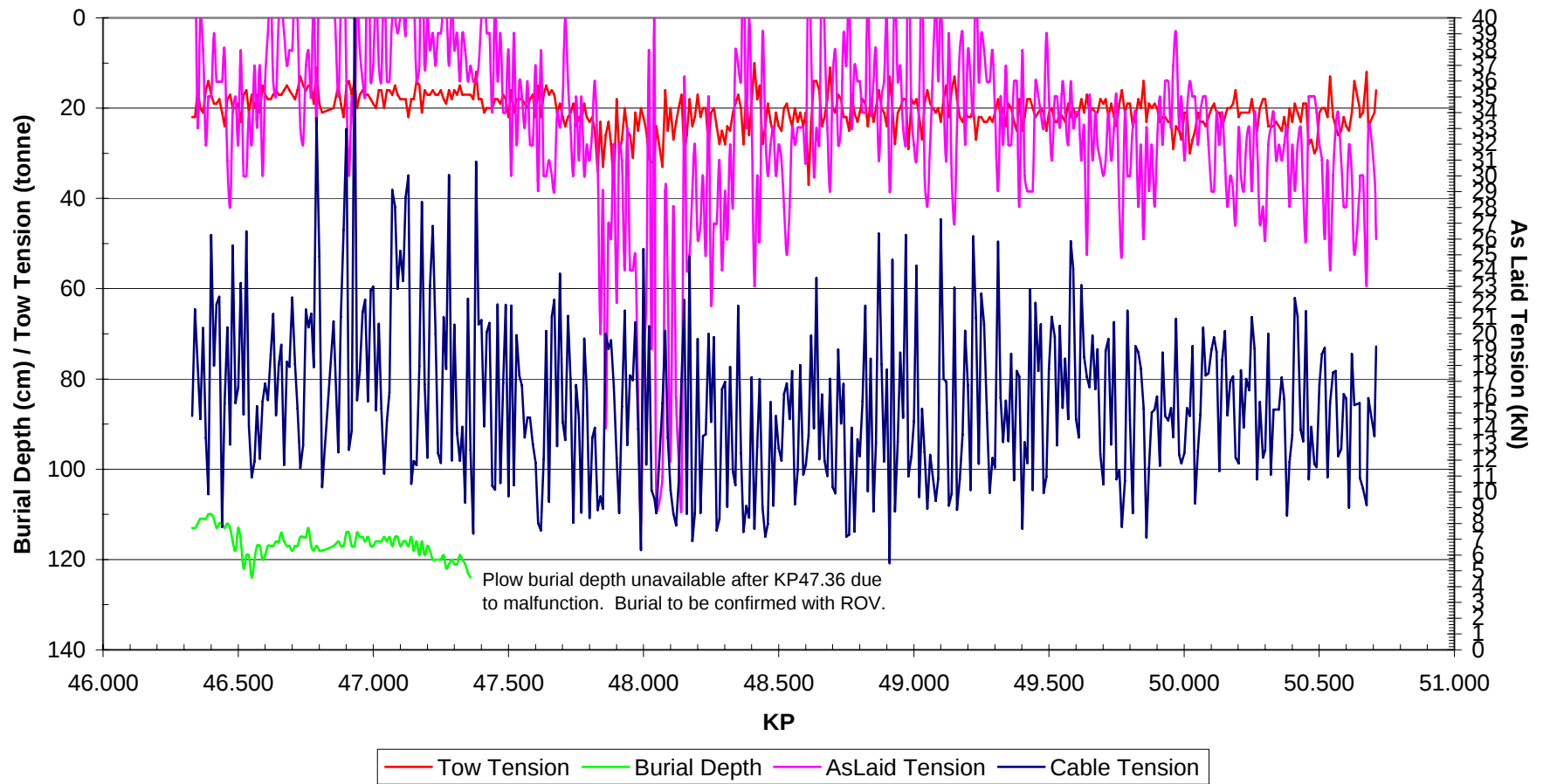
G Thomas
Vessel Master

M Wilson
ASN Representative

K Brekke
MBARI Representative

J Slaughter
MBNMS Representative

MARS
Daily Burial - GLOBAL SENTINEL
21 Mar 2007 0700 UTC to 21 Mar 2007 1455 UTC



MARS
PLIB Site 1 - GLOBAL SENTINEL
22 Mar 2007 0415 UTC to 22 Mar 2007 0438 UTC

