

Tyco	MARS Monterey Bay CS Global Sentinel Deep Sea Installation Daily Project Status Report	Report No. 19 Date: 03/31/07 Local Time: 0800 GMT -7 Prepared by: DB Page 1 of 4
-------------	---	---

A. VESSEL LOCATION

Latitude	36° 42.900' N	Longitude	122° 11.200' W	Datum	WGS84
SHIPBOARD PERSONNEL					
Officers:		Unlicensed:		Tyco Staff:	Others:
15		27		5	19

	In Transit
--	-------------------

B. WEATHER

Time	Barometer	Sea State	Winds
0000	1020	3	WNW force 4
0600	1019	3	NW force 4
1200	1020.5	2	WNW force 3
1800	1019.6	2	S force 3
WEATHER FORECAST:		LOW PRESSURE MOVING INLAND TONIGHT IS FOLLOWED BY HIGH PRESSURE BUILDING OVER THE NORTHEASTERN PACIFIC. THE HIGH CENTER TO YOUR WEST WEAKENS OVER THE NEXT TWO DAYS, BUT INTERACTS WITH LOW PRESSURE INLAND TO PRODUCE STRONG NNW-LIES TOMORROW AFTERNOON. THIS HIGH IS ABSORBED INTO THE BROADER HIGH TO THE NORTHWEST ON SUNDAY, BRINGING ANOTHER BATCH OF REINVIGORATED NNW-LIES. VISIBILITY GOOD.	

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	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	0	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: 4/1/2007

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

F. DAILY CHRONOLOGY: (ACTIVITIES LAST 24 HOURS)

Local Time (0000-2400)	Activity
0238	Fusion and coiling complete - joint SJ3.
0434	Testing completed with satisfactory results.
0750	Mold complete - joint SJ3.
0930	X-rays completed with satisfactory results - joint SJ3.
1212	Joint SJ3 complete.
1237	Preparing for TRF launch. Paying out cable bight. N36 43.0750 W122 11.1987 WD 858m KP 51.401 Vs 0.10 kts
1327	Cable removed from port drum. Tension on hack line. N36 43.0698 W122 11.1979 WD 858m KP 51.411 Vs 0.04 kts
1343	TRF outboard hold downs released. N36 43.0699 W122 11.1979 WD 858m KP 51.410 Vs 0.08 kts
1407	Joint SJ3 on bow. N36 43.0625 W122 11.1976 WD 859m KP 51.424 Vs 0.14 kts
1432	Cable tension on slip line. N36 43.0458 W122 11.1990 WD 861m KP 51.455 Vs 0.10 kts
1519	Cable bight over bow. N36 43.0366 W122 11.1979 WD 862m KP 51.471 Vs 0.09 kts
1533	TRF released from hold downs. Commence lowering. N36 43.0360 W122 11.1988 WD 862m KP 51.473 Vs 0.15 kts
1537	TRF in water. N36 43.0362 W122 11.1987 WD 862m KP 51.473 Vs 0.12 kts
1608	Tug DELTA CAPTAIN alongside TRF to remove steadying lines. N36 43.0208 W122 11.1982 WD 864m KP 51.501 Vs 0.10 kts
1621	Tug DELTA CAPTAIN unable to remove lines. Lines will be married to lowering bridle and recovered by ROV. N36 43.0212 W122 11.1990 WD 864m KP 51.500 Vs 0.09 kts
1626	Commence move down track and payout of TRF. N36 43.0212 W122 11.1981 WD 864m KP 51.500 Vs 0.06 kts ROV: N36 43.0643 W122 11.2013 KP 0.000
1728	ROV off deck for TRF landing. N36 42.8342 W122 11.2043 WD 880m KP 51.846 Vs 0.25 kts ROV: N36 42.8095 W122 11.2208 KP 51.892
1733	ROV in the water N36 42.8174 W122 11.2052 WD 881m KP 51.877 Vs 0.16 kts ROV: N36 42.8176 W122 11.2118 KP 51.877
1846	TRF visible on ROV sonar. N36 42.6548 W122 11.2093 WD 896m KP 52.178 Vs 0.10 kts ROV: N36 42.7207 W122 11.2605
1943	ROV at TRF. TRF 14m from seabed. N36 42.6686 W122 11.2092 WD 895m KP 52.153 Vs 0.06 kts ROV: N36 42.7412 W122 11.2253
1955	TRF on seabed. N36 42.6705 W122 11.2090 WD 895m KP 52.149 Vs 0.14 kts ROV: N36 42.7400 W122 11.2216 KP 52.020

2118	ROV cutting tag line. N36 42.7115 W122 11.2085 WD 890m KP 52.073 Vs 0.03 kts ROV: N36 42.7422 W122 11.2123 KP 0.000
2250	ROV makes first bridle cut. N36 42.7335 W122 11.2083 WD 888m KP 52.033 Vs 0.06 kts ROV: N36 42.7409 W122 11.2142
2317	ROV makes bridle cut. N36 42.7332 W122 11.2080 WD 889m KP 52.033 Vs 0.01 kts ROV: N36 42.7452 W122 11.2133
2350	ROV makes bridle cut. N36 42.7332 W122 11.2085 WD 889m KP 52.033 Vs 0.05 kts ROV: N36 42.7415 W122 11.2103

G. PLANNED ACTIVITIES NEXT 24 HOURS:

Continue 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	12.25	25.25	37.50
Burial Operations	0.00	96.75	96.75
Surface Lay Operations	7.75	24.00	31.75
Transit	0.00	88.50	88.50
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	4.00	15.00	19.00
Calibration	0.00	12.50	12.50
PLIB Operations	0.00	24.00	24.00
TOTALS	24.00	540.50	564.50

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. Tug DELTA CAPTAIN providing support for TRF launch operations.

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