

High Level Milestone for 2d/3d Seismic Studies (Compressed Version 2.4)

ID	Task Name	Duration	Start	Finish	2010				2011				2012				2013				2014				2015	
					Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2
1	Low Energy 3D Seismic Studies	392 days?	Tue 6/1/10	Wed 11/30/11																						
2	Begin SFZ north segment 3D map	131 days?	Tue 6/1/10	Tue 11/30/10																						
3	Complete SFZ north segment data	85 days?	Mon 1/3/11	Fri 4/29/11																						
4	3D SFZ north report issued	88 days?	Tue 4/5/11	Thu 8/4/11																						
5	3D map of SFZ south segment	88 days?	Wed 6/1/11	Fri 9/30/11																						
6	3D SFZ south report issued	43 days?	Mon 10/3/11	Wed 11/30/11																						
7	High Energy 2D/3D Seismic Studies	564 days?	Tue 4/5/11	Fri 5/31/13																						
8	3D - Offshore Seismic Survey	560 days?	Mon 4/11/11	Fri 5/31/13																						
9	State Lands Commission (SLC) Permits - State Lead Agency	276 days?	Mon 4/11/11	Mon 4/30/12																						
10	Pre-application mtg. with CA State Lands Commission (SLC) - marine 3D mapping	1 day?	Tue 4/12/11	Tue 4/12/11																						
11	Contract with Consultant	1 day	Mon 4/11/11	Mon 4/11/11																						
12	Prepare Project Description	5 days	Mon 4/11/11	Fri 4/15/11																						
13	Prepare application for SLC permit	10 days?	Wed 4/13/11	Tue 4/26/11																						
14	Submit permit application to CA State Lands Commission	1 day?	Tue 4/26/11	Tue 4/26/11																						
15	CEQA Review - EIR Requirement	265 days?	Tue 4/26/11	Mon 4/30/12																						
16	US Army Corp of Engineers (USACE) Permits or NOAA	266 days?	Mon 4/25/11	Mon 4/30/12																						
17	USACE authorized NWP 5, 6,, and 18 (NWP 5 and 6 may already be certified by the RWQCB)	266 days?	Mon 4/25/11	Mon 4/30/12																						
18	Consultation with NOAA Fisheries and USFWS to obtain ITA/IHA	266 days?	Mon 4/25/11	Mon 4/30/12																						
19	Consultation with CCC to obtain CZMA pursuant to sect 404 of CWA	266 days?	Mon 4/25/11	Mon 4/30/12																						
20	NEPA Review - EIS Requirement	266 days?	Mon 4/25/11	Mon 4/30/12																						
21	Consultaiton with RWQCB pursuant to Sect 401	266 days?	Mon 4/25/11	Mon 4/30/12																						
22	California Department Fish and Game (CDFG) Permits	266 days?	Mon 4/25/11	Mon 4/30/12																						
23	California Endangered Species Act (CESA) Permits	266 days?	Mon 4/25/11	Mon 4/30/12																						
24	US Coast Guard Permits	15 days?	Tue 4/10/12	Mon 4/30/12																						
25	Notice to Mariners Permits	15 days?	Tue 4/10/12	Mon 4/30/12																						
26	Conduct offshore 3D seismic survey	65 days?	Mon 4/16/12	Fri 7/13/12																						
27	Prepare specification and Contract Award	5 days?	Mon 4/16/12	Fri 4/20/12																						
28	Mobilization	51 days?	Fri 4/20/12	Fri 6/29/12																						
29	Test runs/Calibration of Equipment	10 days?	Mon 7/2/12	Fri 7/13/12																						
30	Conduct Seismic Surveys	25 days?	Mon 7/16/12	Fri 8/17/12																						
31	Point Estero	7 days?	Mon 7/16/12	Tue 7/24/12																						
32	Point Buchon	13 days?	Wed 7/25/12	Fri 8/10/12																						
33	Offshore SW Boundary Zone	2 days	Mon 8/13/12	Tue 8/14/12																						
34	Demobilization	4 days	Tue 8/14/12	Fri 8/17/12																						
35	Data Processing	110 days?	Mon 8/20/12	Fri 1/18/13																						
36	Data Interpretation	87 days?	Thu 12/20/12	Fri 4/19/13																						
37	Final Report	45 days?	Mon 4/1/13	Fri 5/31/13																						
38	2D Onshore Seismic Studies	357 days?	Tue 4/5/11	Wed 8/15/12																						
39	San Luis Obispo (SLO) County Permits - Lead Agency	134 days?	Tue 4/5/11	Fri 10/7/11																						
40	Pre-application mtg. with SLO County onshore 2D mapping	1 day	Wed 5/4/11	Wed 5/4/11																						
41	Contract with Consultant	1 day	Mon 4/11/11	Mon 4/11/11																						
42	Prepare Project Description	23 days?	Tue 4/5/11	Thu 5/5/11																						
43	Prepare application for SLO County Permit	33 days?	Tue 4/5/11	Thu 5/19/11																						
44	County Review of Permit Application	33 days?	Fri 5/20/11	Tue 7/5/11																						
45	CEQA Review - EIR Requirement	66 days?	Mon 6/6/11	Mon 9/5/11																						
46	Grading/CUP/CDP/Drilling Permits	38 days?	Mon 8/15/11	Wed 10/5/11																						
47	Explosive Permit - CHP and SLO FD	23 days?	Wed 9/7/11	Fri 10/7/11																						
48	Caltran Permits	134 days?	Tue 4/5/11	Fri 10/7/11																						

Project: 2D_3D Seismic (compressed)
Date: Mon 4/11/11

Task	Progress	Summary	External Tasks	Deadline
Split	Milestone	Project Summary	External Milestone	

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49	Caltran Review	134 days?	Tue 4/5/11	Fri 10/7/11																						
50	California Coastal Commission Permits	160 days?	Mon 4/11/11	Fri 11/18/11																						
51	Prepare application for Coastal Development Permit	29 days?	Mon 4/11/11	Thu 5/19/11																						
52	Review of Coastal Development Permit Application	131 days?	Fri 5/20/11	Fri 11/18/11																						
53	California Department Fish and Game (CDFG) Permits	160 days?	Mon 4/11/11	Fri 11/18/11																						
54	California Endangered Species Act (CESA) Permits	45 days?	Mon 4/11/11	Fri 6/10/11																						
55	Review of CDFG Permit Application	115 days?	Mon 6/13/11	Fri 11/18/11																						
56	US Army Corp of Engineers Permits	96 days?	Fri 7/8/11	Fri 11/18/11																						
57	Associated Permits after CCC Approval	96 days?	Fri 7/8/11	Fri 11/18/11																						
58	State Lands Commission (SLC) Permits	205 days?	Mon 4/11/11	Fri 1/20/12																						
59	Prepare application for SLC permit if seaward of MHT line	29 days?	Mon 4/11/11	Thu 5/19/11																						
60	Review permit application by CA State Lands Commission	67 days?	Thu 10/20/11	Fri 1/20/12																						
61	Conduct onshore 2D seismic survey	55 days	Mon 11/7/11	Fri 1/20/12																						
62	Prepare specification and Contract Award	1 day	Mon 11/7/11	Mon 11/7/11																						
63	Mobilization	55 days	Mon 11/7/11	Fri 1/20/12																						
64	Conduct Seismic Surveys	48 days?	Mon 1/23/12	Wed 3/28/12																						
65	Irish Hills	7 days	Mon 1/23/12	Tue 1/31/12																						
66	Diablo Canyon Blvd	5 days?	Mon 1/30/12	Fri 2/3/12																						
67	Los Osos Valley Road	5 days	Mon 2/6/12	Fri 2/10/12																						
68	Route 101	33 days?	Mon 2/13/12	Wed 3/28/12																						
69	Morro Bay	4 days	Mon 2/20/12	Thu 2/23/12																						
70	Pismo/Nipomo	6 days?	Fri 2/24/12	Fri 3/2/12																						
71	Demobilization	6 days	Fri 3/2/12	Fri 3/9/12																						
72	Data Processing	67 days?	Thu 3/15/12	Fri 6/15/12																						
73	Data Interpretation	65 days?	Mon 4/16/12	Fri 7/13/12																						
74	Final Report	44 days?	Fri 6/15/12	Wed 8/15/12																						
75	Ocean Bottom Seismometer (OBS) Installation and Noise Survey	186 days?	Tue 4/5/11	Tue 12/20/11																						
76	State Lands Commission (SLC) Permits	103 days?	Tue 4/12/11	Thu 9/1/11																						
77	Pre-application mtg. with CA State Lands Commission (SLC) - marine 3D mapping	1 day	Tue 4/12/11	Tue 4/12/11																						
78	Prepare application for SLC permit (MND-Internal)	44 days?	Wed 4/13/11	Mon 6/13/11																						
79	Submit permit application to CA State Lands Commission	1 day	Mon 6/13/11	Mon 6/13/11																						
80	CEQA Review	59 days?	Mon 6/13/11	Thu 9/1/11																						
81	Obtain offshore Lease Agreement Permit	59 days?	Mon 6/13/11	Thu 9/1/11																						
82	US Army Corp of Engineers (USACE) Permits	89 days?	Mon 6/13/11	Thu 10/13/11																						
83	USACE authorizes NWP 5, (NWP 5 may already be certified by the RWQCB)	67 days?	Mon 6/13/11	Tue 9/13/11																						
84	Consultation with CCC to obtain CZMA pursuant to sect 404 of CWA	89 days?	Mon 6/13/11	Thu 10/13/11																						
85	Conduct OBS	186 days?	Tue 4/5/11	Tue 12/20/11																						
86	Prepare request for proposal	1 day	Tue 4/5/11	Tue 4/5/11																						
87	Solicit and select contractor	19 days	Tue 4/5/11	Fri 4/29/11																						
88	Mobilization	22 days?	Mon 10/17/11	Tue 11/15/11																						
89	Noise Survey	4 days?	Mon 10/17/11	Thu 10/20/11																						
90	OBS Installation	22 days?	Mon 10/17/11	Tue 11/15/11																						
91	Furnish/Deliver Instruments	154 days?	Mon 5/2/11	Thu 12/1/11																						
92	Noise Survey	87 days?	Mon 5/2/11	Tue 8/30/11																						
93	OBS Installation	154 days?	Mon 5/2/11	Thu 12/1/11																						
94	Installation	47 days?	Mon 10/17/11	Tue 12/20/11																						
95	Noise Survey	22 days?	Mon 10/17/11	Tue 11/15/11																						
96	OBS Installation	13 days?	Fri 12/2/11	Tue 12/20/11																						

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