

MOTEMS COMPLIANCE STATUS STATE WIDE										
MFD File Ref.	MOT Name & Operator	MOT Owner (Structure only)	Property Owner ¹	Date Built, Reconstructed & Major Structural Upgrades	MOTEMS Risk (Date Audit Received)	MOTEMS Compliance Deadline (Audit Reference)	Total Years to MOTEMS Compliance	No. of Initial Deficiencies Remaining ²	Major MOTEMS Projects (as Identified in Initial Audit)	Compliance Ranking 10 1
0.5	Chevron Long Wharf Richmond (RCH-RLW1, 2, 3 & 4)	Chevron	CSLC (PRC 236)	1947, '74, 2000, 2008-Present	H (Initial: Aug. 5, 2008 & Dec. 15, 2009) (2nd: September 25, 2012)	December 2017 (ES Tables Rev. 6 - 09/2012)	9.4	5 of 104	LEASE RENEWAL & EIR COMPLETED IN 2009 & 2007, RESP. ALL REMAINING DEFICIENCIES TO BE CORRECTED BY DECEMBER 2012 WITH ONE EXCEPTION - BERTH 2 NEW FENDER SYSTEM: TO BE COMPLETED BY DECEMBER 2017 SINCE NEW FENDERLINE OFFSET REQUIRES RELOCATION OF ALL EQUIPMENT; TEMPORARY VELOCITY MONITORING SYSTEM UTILIZED TO MONITOR REDUCED BERTHING VELOCITIES FOR MOTEMS COMPLIANT BERTHING UNTIL NEW FENDERS INSTALLED - Major structural seismic retrofit (completed pre-MOTEMS) - Major pipeway seismic retrofit - Major fender system upgrades (6 berths total) - Major mooring hardware rehabilitation (22 hook assemblies total) - Fire alarm & detection system upgrades - Major concrete pile, cap & deck repairs - Major steel pipeway structural & coating rehabilitation - Mod./Major electrical system upgrades	8.5
0.52	BP Marine Terminal 1 (POLB Berth 121)	POLB	POLB	1982					Mostly compliant. To be checked for a few remaining deficiencies.	9.5
0.3	Chevron El Segundo	Chevron	CSLC (PRC 5574)	1934, '62, '70, '92					Completed all structural upgrades; mainly pipeline supports. Also, addressed most of the electrical, mechanical, fire and pipeline audit deficiencies. MFD plans to conduct a field visit to verify compliance. Also, need to check scope of jurisdiction.	9.5
0.55	Tesoro (POLB Berths 84-86)	POLB	POLB	1967	M				Major seismic upgrade, including soil improvement, is scheduled. MFD has reviewed the 100% seismic upgrade plans and provided comments. Significant concrete deck repair scheduled to be completed. Fire system will be upgraded to MOTEMS requirements.	6
0.57	BP Terminal 2 (POLB Berth 78)	POLB	POLB	1929, '54					Currently under review. Property sold.	4
0.16	Shell Oil Products US Martinez Refinery (MRZ-2 & 3)	Shell	CSLC (PRC 4908)	1917, '50, '66, 2012-Present	H (Initial: August 5, 2008) (2nd: August 5, 2011)	December 2015 (ES-2 Tables Rev. 3 - 08/2011)	7.4	18 of 45	LEASE RENEWAL & EIR COMPLETED IN 2011 PERMITTING & PILE DRIVING ENVIRONMENTAL WINDOWS LIMIT MOTEMS COMPLIANCE SCHEDULE - Major structural seismic retrofits (2 wharves total) - Major timber trestle seismic structural upgrades - New fender systems (2 berths total) - Velocity monitoring equipment (2 berths total) - Major sump upgrades (completed pre-MOTEMS) - Significant timber pile, brace & cap maintenance - Significant steel fender system maintenance	6
0.62	Vopak (POLA Berths 186-193)	POLA	POLA	1920, '22	M (Initial: February 5, 2010)	April 2014 (POLA Letter dated 12/20/2010)	4.3			3

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0.83	Valero Benicia (BNC-4)	Valero	POB	1968	H (Initial: August 6, 2008) (2nd: August 5, 2011)	December 2014 (ES Tables Rev. 2 - 08/2011)	6.4	1 of 84	REMAINING DEFICIENCY - LOADING ARM REFURBISHMENT: 1 LOADING ARM COMPLETED PER YEAR (2010-2014) - Mod./Major product pipeline seismic upgrades - Velocity monitoring equipment (1 berth total) - Significant mooring hardware maintenance - Fire alarm system upgrades - Loading arm refurbishment & seismic upgrade (5 total) - Major electrical conduit rehabilitation	7
0.53	Chemoil Refinery Corp. (POLB Berths 209 & 211)	POLB	POLB	1970, '78	M				Major concrete deck repair scheduled at both berths. Major fire suppression upgrades completed per MOTEMS requirements in 04/2010. Fire alarm to be installed. Fender upgrade planned for Berth F209. MFD has reviewed the proposal.	5.5
0.18	Tesoro Amorcó (MRZ-5)	Tesoro	CSLC (PRC 3453)	1904, '25, '54, 2012	H (Initial: March 28, 2008) (2nd: April 1, 2011)	December 2012 (ES Tables Rev. 4 - 03/2011)	4.8	8 of 85	PRESENTLY UNDERGOING LEASE RENEWAL & EIR PROCESSES - Major structural seismic & berthing retrofits (1 wharf total) - Major timber trestle seismic structural upgrades - Moderate fire water system upgrades - Fire alarm & detection system upgrades - Moderate sump upgrade - Significant timber structural maintenance - New emergency power system required	7.5
0.24	Plains Products Terminals, LLC Martinez Terminal (MRZ-6)	Plains	CSLC (PRC 4769)	1,974	H (Initial: August 5, 2008) (2nd: August 5, 2011)	December 2013 (ES Tables Rev. 6 - 08/2011)	5.4	4 of 49	TERMINAL COMPLETED LEASE RENEWAL & EIR IN 2005 - Moderate timber trestle structural seismic upgrades - Major product pipeline seismic upgrades - New fender system (1 berth total) - Mod./Major fire water & foam system upgrades - Fire alarm system upgrades	7
0.7	Shell (POLA Berths 167-169)	POLA	POLA	1938, '47	M (Initial: February 5, 2010)	December 2013 (POLA Letter dated 12/20/2010)	3.9		Major upgrade project in progress.	7
0.22	Phillips 66 Rodeo San Francisco Refinery (ROD-3, 4 & 5)	Phillips 66	CSLC (PRC 600)	1900, '54, 2012-13	H (Initial: August 5, 2008) (2nd: August 5, 2011)	September 2014 (ES Tables Rev. 2 - 08/2011)	6.2	32 of 78	LEASE RENEWAL & EIR COMPLETED IN 2001 ALL REMAINING DEFICIENCIES TO BE CORRECTED BY NOVEMBER 2013 WITH THE EXCEPTION OF ONE PROJECT (18 DEFICIENCIES TOTAL) - CONCRETE REPAIRS PROJECT: PERMITTING DELAYS RESULTED IN NEW COMPLETION DEADLINE OF SEPTEMBER 2014 - Major structural seismic retrofits (1 wharf total) - Mod./Major concrete trestle seismic structural upgrades - Major control building seismic upgrades - Major onshore pipeway seismic upgrades - Major concrete pile, cap, beam & slab repairs - Mod./Major fire water & foam system upgrades - Fire alarm & detection system upgrades - Significant removal of out-of-service pipelines	5.5

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0.19	Tesoro Avon (MRZ-7 & 8)	Tesoro	CSLC (PRC 3454)	1925, '54, 2011	H (Initial: March 28, 2008) (2nd: April 1, 2011)	June 1, 2015 (ES Tables Rev. 5 - 06/2011)	7.3	32 of 98 TERMINAL PRESENTLY UNDERGOING LEASE RENEWAL & EIR PROCESSES (WHICH HAVE BEEN ACCOUNTED FOR IN THE JUNE 1, 2015 "MOTEMS COMPLIANCE DEADLINE") TERMINAL OPERATOR COMMITTED TO REBUILDING TERMINAL, INCLUDING NEW BERTH PLATFORM (1 TOTAL), NEW PIPEWAY (~5,230 FT.) & NEW DOLPHINS (3 TOTAL) - Major structural seismic deficiencies, including soil-structure interaction issues (liquefaction) - Major timber trestle & pipeway seismic deficiency - Major mooring & fendering system upgrades (1 berth total) - Major fire water & foam system deficiencies - Significant timber pile, cap, beam & deck maintenance - Ceased operation of 1 berth in 2009 due to structural & seismic inadequacies	3	
0.25	NuStar Energy Shore Selby Terminal (ROD-8)	NuStar	CSLC (PRC 5735)	1,981	M (Initial: February 3, 2010)	December 2012 (ES Tables Rev. 2 - 12/2011)	2.9	10 of 52 LEASE RENEWAL & EIR COMPLETED IN 2012 - Moderate pipeline seismic upgrades - Moderate fender system repairs (1 berth total) - Major fire water & foam system upgrades - Fire alarm system required	4.5	
0.76	Plains Products Terminals, LLC Richmond (RCH-22)	Plains	POR	1953, '66, '92	M (Initial: February 3, 2010)	February 2012 (ES Tables Rev. 3 - 12/2010)	2.0	26 of 52	- Minor/Mod. structural seismic retrofits (1 wharf total) - Fender system upgrade required (1 berth total) - Major fire water & foam system upgrades - Fire alarm system upgrades - Product pipeline valve upgrades	6.5	
0.69	Valero Energy Corp. (POLA Berth 164)	POLB	POLB	1923					Innovative compliance design concept discussed. To be further evaluated.	4	
0.81	IMTT Richmond (RCH-17)	IMTT	POR	1954	M (Initial: February 3, 2010)	December 2013 (ES Tables Rev. 4 - 09/07/2011 & July 2012 Mtg)	3.9	3 of 45 TERMINAL OPERATOR COMMITTED TO REBUILDING TERMINAL, INCLUDING NEW LOADING PLATFORMS (2 TOTAL), NEW BREASTING DOLPHINS (7 TOTAL), NEW ACCESS TRESTLE (1 TOTAL) & NEW PIPEWAY (1 TOTAL) - Major structural seismic deficiencies (1 wharf total) - New fender system required (1 berth total) - Major fire water & foam system upgrades - Fire alarm system required - Major product pipeline upgrades - Significant timber pile & pile cap maintenance	6.5	
0.88	Kinder Morgan (POLA Berths 118-119)	POLA	POLA	1923, '59	M (Initial: February 3, 2010)	December 2013? (POLA Letter dated 12/20/2010)	3.9?	 "WILL BE RETIRED FROM SERVICE" DATE UNCLEAR, BUT LEASE "EXPIRES 2013"		
0.73	BP West Coast Products, LLC BP Richmond Terminal (RCH-9)	BP	POR	1962	M (Initial: February 8, 2010)	December 2013 (ES Tables Rev. 1 - 07/2012)	3.9	5 of 43 MOTEMS COMPLIANCE DEADLINE DELAYED FROM DECEMBER 2012 DUE TO PERMITTING DELAY OF SEISMIC STRUCTURAL UPGRADES - Mod./Major structural seismic retrofits (1 wharf total) - New fire water & foam system - Major sump upgrades - Mooring hardware replacement (1 hook assembly total)	8.5	
0.6	ExxonMobil (POLA Berths 238)	POLA	POLA	1922	H (Initial: August 6, 2008) (2nd:)	September 2017 (POLA Letter dated 12/20/2010)	9.1			4	

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0.85	Chevron Eureka	Chevron	POHB	1913, '50s, '83	L (Initial: December 30, 2010)	Unknown (ES Tables Rev. 0 - 12/2010)	?	15 of 20	- Mod./Major timber trestle structural seismic upgrades - Moderate pipeline seismic anchorage upgrades - Fender system upgrade (1 berth total) - New fire water & foam system - Fire alarm system required - Significant timber pile & pile cap maintenance	6
0.159	DFSP Long Beach NB – Pier 12								Replacement-in-kind bumpers to be installed before December, 2012.	2
0.82	Phillips 66 Richmond (RCH-12)	Phillips 66	POR	1953, 2012-Present	M (Initial: February 2010)	December 2013 (ES Tables Rev. 4 - 05/2012)	3.9	14 of 46	- Mod./Major structural seismic retrofits (2 wharves total) - Major concrete pipeway seismic structural upgrades - New fender systems (2 berths total) - Major fire water & foam system upgrades - Fire alarm system required - Product pipeline valve upgrades - Major concrete beam & pile repairs (2 wharves total)	6.5
0.92	Phillips 66 (POLA Berths 148-151)	POLA	POLA	1919, '27, '55	H (Initial: August 6, 2008) (2nd)	July 2015 (POLA Letter dated 12/20/2010)	7.0		Temporary vapor recovery system installed.	3.5
0.56	Petro-Diamond (POLB Berth 82)	POLB	POLB	1965, '87					Audit Comments provided to MOT, they requested more time to respond.	2.5
0.94	NuStar Energy (POLA Berth 163)	POLA	POLA	1923	M (Initial: February 5, 2010)	October 2016 (POLA Letter dated 12/20/2010)	6.8		MOTEMS compliance conceptual plan discussed.	3
0.2	Venoco Ellwood								MOT closed.	
0.157	DFSP Point Loma, San Diego						N/A		Major upgrade is planned. Design concept was discussed. MFD to receive design	6
0.47	Jankovich Company (POSD 10th Street)		POSD	1958, '96-97						
0.301	Vopak Long Beach		POLB							2.5
0.77	BP Lubricants, Inc. (RCH-16)	BP	POR	1965, 2012	L (Initial: February 10, 2011)	December 2012 (ES Tables Rev. 1 - 01/2012)	1.9	24 of 38	- Major structural seismic retrofits (1 wharf total) - Potential soil-structure interaction issues (liquefaction & lateral spreading) - New steel monopile breasting dolphins (2 total) - New fire water & foam system - Fire alarm system required - Product pipeline upgrades & valve replacements	8.5
0.59	General Petroleum (POLA Berth 258)		POLA	1937, '51					REMEDIAL ACTION PLAN CURRENTLY ONGOING	
0.78	Kinder Morgan Richmond (RCH-11)	Phillips 66	POR	1953, 2012-13	M (Initial: February 2010)	December 2013 (ES Tables Rev. 4 - 05/2012)	3.9	7 of 8	LESSOR TO UPGRADE TERMINAL STRUCTURE, INCLUDING FENDER SYSTEM; LESSEE RESPONSIBLE FOR PIPEWAY AND OPERATING EQUIPMENT - New steel pipeway (replacing due to seismic inadequacy)	5
0.165	Navy/San Nicolas Island Pt. Mugu	U.S. Navy	U.S.				N/A		FEDERAL PROPERTY EXEMPT FROM STATE JURISDICTION, HOWEVER THE D.O.D. UNIFIED FACILITIES CRITERIA (UFC 4-152-01) INCORPORATES PORTIONS OF MOTEMS & THE NAVY HAS ELECTED TO FULLY COMPLY WITH MOTEMS	2
0.17	NAS North Island	U.S. Navy	U.S.				N/A		FEDERAL PROPERTY EXEMPT FROM STATE JURISDICTION, HOWEVER THE D.O.D. UNIFIED FACILITIES CRITERIA (UFC 4-152-01) INCORPORATES PORTIONS OF MOTEMS & THE NAVY HAS ELECTED TO FULLY COMPLY WITH MOTEMS	2

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0.181	NALF San Clemente Island	U.S. Navy	U.S.				N/A		FEDERAL PROPERTY EXEMPT FROM STATE JURISDICTION, HOWEVER THE D.O.D. UNIFIED FACILITIES CRITERIA (UFC 4-152-01) INCORPORATES PORTIONS OF MOTEMS & THE NAVY HAS ELECTED TO FULLY COMPLY WITH MOTEMS	2
0.13	WesPac Energy-Pittsburg LLC Pittsburg Terminal	WesPac	City of Pittsburg	1952, '74, 2014	H (New)	Prior to Operation	N/A		EXISTING MARINE OIL TERMINAL TO BE REHABILITATED & REACTIVATED (CURRENTLY IN "CARETAKER" STATUS)	6
0.308	Targa Stockton Terminal	Targa	POS	1953, 2013	H (New)	Prior to Operation	N/A		EXISTING TERMINAL TO BE REHABILITATED & UPGRADED TO A MARINE OIL TERMINAL	
0.271	Plains All American Pipeline Pier 400				H (New)	Prior to Operation	N/A		NEW TERMINAL TO BE CONSTRUCTED	
									Average	5.3

FOOTNOTES:

1. The "Property Owners" acronyms are defined as follows:

- CSLC = California State Lands Commission, Land Management Division
- POHB = Port of Humboldt Bay
- POLA = Port of Los Angeles
- POLB = Port of Long Beach
- POR = Port of Richmond
- POS = Port of Stockton
- POSD = Port of San Diego

POLA Average Rank

4.1

POLB Average Rank

5.5

2 "No. of Initial Deficiencies Remaining" is an estimate of the number of deficiencies (as identified in the Initial Audit Table ES-2) that have not been fully corrected at the time of the MOT's latest Table ES-2 update on file with the Commission (as cited in the "MOTEMS Compliance Deadline" column). Note that the latest Tables ES-2 updates referenced may not reflect all of the deficiencies that corrected at the time this document was prepared.