

**AGENDA OF THE REGULAR MEETING OF THE  
PORT OF LOS ANGELES COMMUNITY ADVISORY COMMITTEE  
TUESDAY, JUNE 19, 2007, 5:30 – 8:00P.M.  
CROWNE PLAZA/LA HARBOR HOTEL  
601 S. PALOS VERDES STREET  
SAN PEDRO, CALIFORNIA**

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**MR. JAYME WILSON, CO-CHAIRPERSON**

**A. CALL TO ORDER**

**B. OPENING STATEMENT - AN OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO ADDRESS THE PORT OF LOS ANGELES COMMUNITY ADVISORY COMMITTEE (PCAC)**

**AS PROVIDED BY THE BROWN ACT, PERSONS IN THE AUDIENCE MAY ADDRESS THE COMMITTEE IN CONNECTION WITH ANY AGENDA ITEM OR DURING THE PUBLIC COMMENT PERIODS. THE COMMITTEE, UNDER ITS RULES, SHALL NOT ADJOURN THE MEETING UNTIL ALL MEMBERS OF THE PUBLIC WISHING TO ADDRESS THE COMMITTEE HAVE HAD THE OPPORTUNITY TO DO SO. ANYONE DESIRING TO SPEAK MUST COMPLETE A SPEAKER CARD AND SUBMIT IT TO THE PCAC SECRETARY**

**C. DETERMINATION OF A QUORUM BY ROLL CALL OF VOTING MEMBERS**

**D. APPROVAL OF MINUTES OF THE MAY 15, 2007 PORT OF LOS ANGELES COMMUNITY ADVISORY COMMITTEE MEETING**

**E. GENERAL PUBLIC COMMENTS (3 minutes per speaker)**

**F. REPORTS OF CO-CHAIRPERSON AND PORT OF LOS ANGELES STAFF**

**G. SPECIAL INFORMATIONAL PRESENTATIONS**

- **AB 568 – Jay Day from Assemblywoman Betty Karnette’s Office**

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**H. ACTION ITEM**

**Air Quality Subcommittee adopted this motion May 2, 2007. The Motion was moved by Kathleen Woodfield, Second by David Beeman, and carried with 2 Ayes, 0 Nays, and 0 Abstentions.**

**MOTION:**

**The PCAC recommends to the Board of Harbor Commissioners that they allocate \$6,434,056 from the China Shipping Settlement to fund the projects that the Technical Advisory Committee has recommended.**

**I. REPORTS FROM SUBCOMMITTEES (2 minutes each)**

- |           |  |                                    |
|-----------|--|------------------------------------|
| <b>1.</b> | <b>Port Master Plan/Quality of Life</b>  | <b>(James Cross)</b>               |
| <b>2.</b> | <b>Air Quality Subcommittee</b>          | <b>(Richard Havenick)</b>          |
| <b>3.</b> | <b>San Pedro Coordinated Plan</b>        | <b>(June Smith)</b>                |
| <b>4.</b> | <b>Water Quality</b>                     | <b>(Cathy Beauregard)</b>          |
| <b>5.</b> | <b>EIRs/Aesthetic Mitigation</b>         | <b>(John Miller/Frank O'Brien)</b> |
| <b>6.</b> | <b>Wilmington Waterfront Development</b> | <b>(Ken Melendez)</b>              |

**J. GENERAL PUBLIC COMMENT (3 minutes per speaker)**

**K. DISCUSSION OF AGENDA ITEMS FOR TUESDAY, JULY 17, 2007, PCAC MEETING**

**L. ADJOURNMENT**

## Funding Status Report for 2006-2007 PAQMIP

Updated: May 2, 2007

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### PAQMIP Settlement Payment Schedule

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March 2003	\$1,000,000
March 2004	\$3,500,000
March 2005	\$3,500,000
March 2006	\$6,000,000
March 2007	<u>\$6,000,000</u>
	\$20,000,000

March 2003	\$1,544,820
May 2007	<u>\$2,306,976</u>
	\$3,851,796

**Grand Total:** **\$23,851,796**

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**Obligated Funds** **\$1,853,478**

(completed contracts/projects, to date)

**Pending Obligations** **\$4,147,440**

(approved projects - pending contract)

**Available Balance** **\$17,850,878**

**2006-2007 RFP Budget** **\$7,207,000**

**Surplus for 06/07 and 07/08** **\$10,643,878**

2006 - 2007 Category I Projects Summary

Proposal Number	Applicant	Category	Source Category	Project Description	No. of Units (Vehicles, Vessels, Station or Test Vehicles)	Total Grant Request	Maximum Grant Amount Allowed	Weighted Cost-Effectiveness	Fleet Rule Status	Notes/Comments
1	Pasha Stevedoring & Terminals	1	Off-Road	Misc. Off-Road CHE Retrofit (Level 3)	78	\$868,190			Working with applicant to determine surplus emissions (CHE Fleet Rule)	
2	TraPac	1	Off-Road	RTG - Engine Retrofit (Level 1)	8	\$287,104	\$287,100	\$12,492	Working with applicant to determine surplus emissions (CHE Fleet Rule)	Also, checking if level 3 devices compatible with RTGs. L3 is surplus for 5 year life.
3	Marine Terminals Corp.	1	Off-Road	New Purchase of Yard Trucks with On-Road Engines	79	\$395,000			Working with applicant to determine surplus emissions (CHE Fleet Rule)	note that application is not accurate...grant request is \$5k per unit. Also, need EO for on and off road, FEL engine is the on-road.
4	California Cartage Co.	1	Off-Road	LPG Forklifts - Engine Retrofit (Level 3)	180	\$630,000			Working with applicant to determine surplus emissions (CHE Fleet Rule)	need electronic SS and vendor quote
5	Yusen Terminals Inc.	1	Off-Road	Top picks - Engine Retrofit (Level 3)	10	\$94,177.00	\$94,177.50	\$2,785	L3 is OK as far as ARB Fleet Rule, but cert is for on-road.	
6	Pacific Maritime Assoc.	1	Off-Road	Off-Road tractors and Off-Road CHE	16	\$1,630,708			OK, CARB fleet rules do not apply, since these vehicles are not in operation directly at the Port.	App will scrap old equipment.
6	Pacific Maritime Assoc.	1	Off-Road	Off-Road tractors and Off-Road CHE	16	\$1,630,708			OK, CARB fleet rules do not apply, since these vehicles are not in operation directly at the Port.	App will scrap old equipment.
7	Arnold Lancaster	1	Marine	Engine Repower - "Cee Ray" Main Engines (Charter Dive Boat)	1	\$246,200	\$246,200	\$20,339		
8	Long Beach Anglers Inc.	1	Marine	Engine Repower - "City of Long Beach" Main Engine (Marine Charter)	1	\$85,900	\$64,392	\$8,950		
9	American Marine Corp.	1	Marine	Engine Repower - "Huki Pau" Main Engine (a dive and inspection vessel)	1	\$28,253.60	\$28,253.6	\$48,344		
10	Seal Beach Anglers	1	Marine	Engine Repower - "Enterprise" Main Engine - Marine Charter	1	\$85,900	\$75,300	\$7,694		
11	Catalina Channel Express	1	Marine	Engine Repower - Catalina Jet AUX engines	1	\$75,200	\$75,200	\$8,209		
12	International Cargo Equipment	1	Off-Road	Forklift/container movers - engine repower (tier 2 and tier 3)	6	\$189,157			Pending ARB CHE Fleet Rule Cross-Check	
13	Seaside Transportation Services, LLC	1	Off-Road	RTG - Engine Retrofit (Level 1)	14	\$519,225	\$502,425	\$15,962	Working with applicant to determine surplus emissions (CHE Fleet Rule)	Also, checking if level 3 devices compatible with RTGs. L3 is surplus for 5 year life.
14	Catalina Freight Line	1	Off-Road	Shore Power Truck Refrigeration Unit (TRU)	4	\$144,000	\$144,000	\$4,806	Pending ARB CHE Fleet Rule Cross-Check	Note that this project was modified, since the yard hostlers were required to be upgraded under the rule. Only the TRU aspect of the project remains.
15	Wittmar and Pasha Stevedoring	1	Marine/Break Bulk/Freight	Portable LNG Fueled BACT Genset/Cold Ironing	1	\$1,640,000	\$1,240,000	\$2,613	OK, since there are no OGV fleet rules (applicant reduced cost, so grant request was reduced as approp.	
16	APL Limited	1	Off-Road	RTG - Engine Retrofit (Level 1)	8	\$217,500	\$217,500	\$7,388	Working with applicant to determine surplus emissions (CHE Fleet Rule)	Also, checking if level 3 devices compatible with RTGs. L3 is surplus for 5 year life.
17	Southern Counties Express	1	On-Road	New Purchase - 50 Class 8 LNG tractors	50	\$6,000,000	\$2,000,000	\$16,250	Project proposed to be shared with AQMD (\$40k for 2nd five years) - pending ARB concept approval.	CE calculated on 5 year life, but 10 years of emission redux. Since AQMD bought first 5 years and PAQMIP would buy 2nd five years of redux.
24	Pacific Tugboat Services	1	Marine	Engine Repower - "Danny G" (Port and Starboard Main engines)	1	\$217,500	\$211,619	\$6,477		
25	ABC Barge & Equipment Incorporated	1	Marine	Engine Repower - "Catalina Countess" (Port and Starboard Main Engines)	1	\$708,849	\$708,849	\$7,178		
see notes										
19	Engine Control Systems (w/ MTC)	2	Off-Road - RTG	Engine Control Systems (ECS) Combifilter - project goal is to perform durability demonstration, verification and retrofits in support of extending our current Combifilter Level 3 verification to cover RTG cranes. (No NOx reduction).	22	\$1,080,109			Applicant asked to be rolled over to CAT 1, once ARB certification received (this is balance of R&D request).	TAC suggests placing on back-up list, or asking to resubmit next time.
30	YTI	2	Off-Road - RTG	VYCON's REGEN system for RTGs (flywheel technology). Benefits claimed are: NOx and PM reductions of 25% and 65%, respectively, and a 25% fuel savings.	2	\$314,000			Applicant asked to be rolled over to CAT 1, once ARB certification received (this is balance of R&D request).	TAC suggests placing on back-up list, or asking to resubmit next time.
31	Seaside Transportation Services, LLC	2	Off-Road - RTG	See Above - # 30	12	\$1,884,000			Applicant asked to be rolled over to CAT 1, once ARB certification received (this is balance of R&D request).	TAC suggests placing on back-up list, or asking to resubmit next time.
32	TraPac	2	Off-Road - RTG	See Above - # 30	2	\$314,000			Applicant asked to be rolled over to CAT 1, once ARB certification received (this is balance of R&D request).	TAC suggests placing on back-up list, or asking to resubmit next time.

**Port of Los Angeles - Air Quality Mitigation Incentive Program  
Category I Rankings  
(updated: May 2, 2007)**

<b>POLA 2006-2007 Proposal Number</b>	<b>Applicant</b>	<b>Source Category</b>	<b>Applicant Detail</b>	<b>More Detail</b>	<b>Number of Units</b>	<b>Maximum Eligible Grant Award</b>	<b>(NOx+20*PM) Cost- Effectiveness (\$/ton)</b>	<b>Cumulative SubTotal</b>
<b>LOCOMOTIVE</b>								
	No Locomotive Projects Received							
<b>MARINE</b>								
24	Pacific Tugboat Services	marine	Danny G	Marine Vessel that delivers passengers, cargo and supplies to OGVs anchored at ports	2	\$211,619	\$6,477	\$211,619
25	ABC Barge & Equipment Incorporated	marine	Catalina Countess	Ferry	2	\$708,849	\$7,178	\$920,468
10	Seal Beach Anglers	marine	Enterprise	Marine Charter	1	\$75,300	\$7,694	\$995,768
11	Catalina Channel Express	marine aux	Catalina Jet	Ferry Boat	2	\$75,200	\$8,209	\$1,070,968
8	Long Beach Anglers Inc.	marine	"City of Long Beach"	Marine Charter	1	\$64,392	\$8,950	\$1,135,360
7	Arnold Lancaster	marine	Cee Ray	Charter Dive Boat	2	\$246,200	\$20,339	\$1,381,560
9	American Marine Corp.	marine	Huki Pau	Diving & Inspection Vessel contracted to POLA	1	\$28,254	\$48,344	\$1,409,814
<b>CHE - Non CARB Rule</b>								
6	Pacific Maritime Assoc.	Off-Road	Off-Road tractors	Training Facility Equipment	15	\$1,137,469	\$12,911	\$1,137,469
6	Pacific Maritime Assoc.	Off-Road	Top Pick	Training Facility Equipment	1	\$493,240	\$22,814	\$1,630,708
14	Catalina Freight Line	Off-Road	Shore Power Truck Refrigeration Unit (TRU)		4	\$144,000	\$4,806	\$1,774,708
<b>CHE - CARB Rule</b>								
1	Pasha Stevedoring & Terminals	Off-Road	Misc. Off-Road CHE Retrofit (Level 3)	Working with applicant to determine surplus emissions (CHE Fleet Rule)	78	\$868,190		\$868,190
2	TraPac	Off-Road	RTG - Engine Retrofit (Level 1)	Working with applicant to determine surplus emissions (CHE Fleet Rule)	8	\$287,104		\$1,155,294
3	Marine Terminals Corp.	Off-Road	New Purchase of Yard Trucks with On-Road Engines	Working with applicant to determine surplus emissions (CHE Fleet Rule)	79	\$395,000		\$1,550,294
4	California Cartage Co.	Off-Road	LPG Forklifts - Engine Retrofit (Level 3)	Working with applicant to determine surplus emissions (CHE Fleet Rule)	180	\$630,000		\$2,180,294
5	Yusen Terminals Inc.	Off-Road	Top picks - Engine Retrofit (Level 3)	L3 is OK as far as ARB Fleet Rule, but cert is for on-road.	10	\$94,177		\$2,274,471
13	Seaside Transportation Services, LLC	Off-Road	RTG - Engine Retrofit (Level 1)	Working with applicant to determine surplus emissions (CHE Fleet Rule)	14	\$502,425		\$2,776,896
12	International Cargo Equipment	Off-Road	Forklift/container movers - engine repower (tier 2 and tier 3)	Pending ARB CHE Fleet Rule Cross-Check	6	\$189,157		\$2,966,053
16	APL Limited	Off-Road	RTG - Engine Retrofit (Level 1)	Working with applicant to determine surplus emissions (CHE Fleet Rule)	8	\$217,500		\$3,183,553
<b>OTHER</b>								
17	Southern Counties Express	on-road	Class 8 Tractors	LNG	50	\$2,000,000		\$2,000,000
15	Wittmar and Pasha Stevedoring	marine	BreakBulk/Freight	Portable LNG Fueled BACT Genset/Cold Ironing	1	\$1,240,000		\$3,240,000
19	Engine Control Systems (w/ MTC)	Off-Road - RTG	ECS Combifilter	Would need to check ARB rule impact	22	\$1,080,109		\$1,080,109
30	YTI	Off-Road - RTG	VYCON	Would need to check ARB rule impact	2	\$314,000		\$1,394,109
31	Seaside Transportation Services, LLC	Off-Road - RTG	VYCON	Would need to check ARB rule impact	12	\$1,884,000		\$3,278,109
32	TraPac	Off-Road - RTG	VYCON	Would need to check ARB rule impact	2	\$314,000		\$3,592,109

**2006-2007 PAQMIP Research and Development Evaluation Summary**  
Updated: May 2, 2007

Proposal Number	Applicant	Source Category	Project Description	Total Score	Original No. of Units	Total Grant Request	TAC Proposed Grant Award	NOTES
30	YTI	Off-Road - RTG	VYCON's REGEN system for RTGs (flywheel technology). Benefits claimed are: NOx and PM reductions of 25% and 65%, respectively, and a 25% fuel savings.	72	3	\$471,000	\$157,000	one to each applicant; make sure to cover the different crane mfrs; rolled others over to standby for CAT 1
31 - Phase 1	Seaside Transportation Services, LLC	Off-Road - RTG	See Above - # 30	70	2	\$314,000	\$157,000	See Above - # 30
31 - Phase 2	Seaside Transportation Services, LLC	Off-Road - RTG	See Above - # 30	70	12	\$1,884,000	\$0	See Above - # 30
32	TraPac	Off-Road - RTG	See Above - # 30	70	3	\$471,000	\$157,000	See Above - # 30
19	Engine Control Systems (w/ MTC)	Off-Road - RTG	Engine Control Systems (ECS) Combifilter - project goal is to perform durability demonstration, verification and retrofits in support of extending our current Combifilter Level 3 verification to cover RTG cranes. (No NOx reduction).	69	25	\$1,227,397	\$147,288	one of each engine at \$49,096 each (3 units); rolled others over to standby for CAT 1
28 - Phase 1	Sea to Sky Pollution Solutions	RD&D - OGV	Water In Fuel Emulsifier (WiFE on Demand) - additional funding to continue testing of project from last year (formerly known as Danica Diesel). CARB has tested three separate emulsified fuels with 15-20% water content and always received the same results. Regardless of which type of fuel was tested every emulsified fuel produced a 1% NOx reduction for every 1% of water and a 2-3% NOx reduction for every 1% of water. The 3 tests are: (1) January 2001: CARB verified that PurINOx (WiFE) reduced NOx by 14% and reduced PM by 62.9%; (2) August 2002: CARB verified that Aquazole (WiFE) reduced NOx by 16% and reduced PM by 60%; (3) September 2003: CARB verified that Aquadyn (WiFE) reduced NOx by 15% and reduced PM by 58%	68	1	\$288,825.80	\$288,825.80	
28 - Phase 2	Sea to Sky Pollution Solutions	RD&D - OGV	Expand WiFE test to include real time engine monitoring ("Engine Watch") and real-time emissions monitoring ("Emissions Watch").	66	2	\$425,000.00	\$0	TAC recommends this part of the project be referred to the CAAP-TAP (good project, but no direct local reductions)
27	CSU, Long Beach	RD&D - OGV	Water in Fuel Homogenization and Emulsification (H/E) with an exhaust gas seawater scrubbing process. Emission reductions estimated at 85%, 50% and 30% for SOx, PM and NOx, respectively.	65	1	\$1,361,509	\$1,236,010	this new funding amount OK'd by CSULB with original 2-year project term
18	OceanAir Environmental LLC	Marine - tug boat	Electronic Injection Retrofit Kit for Marine Engines. Emission reduction goal is 70 percent reduction from uncontrolled baseline for NOx and PM.	65	1	\$575,000	\$575,000	
22	Connolly-Pacific	Marine - (2) tugboats and (1) crew boat	Diesel Retrofit with Emission Technology Catalyst Combustion System. Company is ETI (Emissions Technology Inc.) and the equipment distributor is RECAT. Emission reductions are estimated to be 43% for PM, 14% for NOx and 57% for THC.	60	3	\$56,120	\$56,120	stipulation that must pass multi-media test first before doing the demo.
23	US Borax (Rio Tinto Materials)	Off-Road - CHE (Rail Car Movers and Bobcat Loaders - 2 each)	Diesel Retrofit with Emission Technology Catalyst Combustion System. Company is ETI (Emissions Technology Inc.) and the equipment distributor is RECAT. Emission reductions are estimated to be 43% for PM, 14% for NOx and 57% for THC.	60	4	\$4,390	\$4,390	stipulation that must pass multi-media test first before doing the demo.
26	TM GE Automation System LLC (w/ WBCT)	Off-Road - RTG	<u>Fuel Efficient RTG Retrofit</u> - the retrofit modifies the existing system to run the engine at a speed determined by power demand. Then RTG engines can run at lower speeds during idle, resulting in more efficient fuel consumption and reduced emissions. (Currently, these RTGs spend a lot of time at idle at a constant rated speed). -They have not tested the system for emissions, but do have bench testing results that show a 30 percent reduction in fuel consumption. They say that they expect a proportional reduction in emissions as a result of the reduced fuel consumption.	51	1	\$350,900	\$350,900	Applicants have initiated contact with ARB to develop a test protocol for verification; also have partnered with a L3 device mfr. to ensure L3 target.
20	Guy Fox & Assoc. on behalf of Juon Co., Ltd.	OGV - Container Vessel	JUON-AWATA filter System on MOL Container Vessel (5 systems on 5 aux. engines). Estimated emission reductions are 70% PM and 60 - 70% SOx. No NOx reductions are claimed.	49	1	\$600,000	\$120,000	TAC only interested in testing one system.
21	Raymond Covit	On-Road Truck and an Off-Road Yard Tractor	Diesel Engine Retrofit from Retrofit Diesel Technologies Inc. Preliminary tests at CE-CERT indicate these reductions: 83 - 97% NOx and 59 - 70 % PM.	36	2	\$498,000	\$0	
29	Global Energy International LLC	On- and Off-Road (Misc.)	Hydrogen generator for both gas and diesel engines	33	1	\$662,200	\$0	
33	Omstar Environmental Products	On- and Off-Road (Misc.)	Diesel fuel conditioner/additive	na	not specified	not specified	\$0	not scored

original request: \$ 9,189,342

**Proposed TAC Budget: \$ 3,249,534**

## Funding Status Report for 2006-2007 PAQMIP

Updated: May 2, 2007

### PAQMP Settlement Payment Schedule

March 2003	\$1,000,000
March 2004	\$3,500,000
March 2005	\$3,500,000
March 2006	\$6,000,000
March 2007	<u>\$6,000,000</u>
	\$20,000,000
March 2003	\$1,544,820
May 2007	<u>\$2,306,976</u>
	\$3,851,796
Grand Total:	\$23,851,796

Category	RFP Funding Targets	Selected/Eligible Funding Requests	Surplus/Shortfall
R&D	\$1,650,000	\$3,249,534	(\$1,599,534)
Marine	\$1,640,000	\$1,409,814	\$230,186
CHE	\$1,640,000	\$4,958,261	(\$3,318,261)
Locomotive	\$1,640,000	\$0	\$1,640,000
Other <sup>1</sup>	<u>\$637,000</u>	<u>\$3,240,000</u>	(\$2,603,000)
	\$7,207,000	\$12,857,609	(\$5,650,609)

### TAC RECOMMENDATIONS FOR ACTION TODAY (5/2/07)

Category	Selected/Eligible Funding Requests	
R&D	\$3,249,534	
Marine	\$1,409,814	
Non-ARB Rule CHE	<u>\$1,774,708</u>	\$7,207,000
	\$6,434,056	<u>\$6,434,056</u>
		\$772,944

### TAC RECOMMENDATIONS FOR ACTION NEXT MONTH (~)

Category	Selected/Eligible Funding Requests	
ARB Rule - CHE	\$3,183,553	
Other <sup>1</sup>	<u>\$3,240,000</u>	\$10,643,878
	\$6,423,553	<u>\$6,423,553</u>
		\$4,220,325

1. "Other" includes the LNG on-road truck project and the LPG cold portable ironing project.