



To: Eugene Seroka, Executive Director, Port of Los Angeles, Harbor Dept.  
 From: Mary Silverstein, Executive Director, Harbor Community Benefit Foundation  
 Sean Hecht, Board Chair, Harbor Community Benefit Foundation  
 Cc: Doane Liu, Port of Los Angeles  
 Michael Jenkins, Jenkins and Hogin, LLP, Counsel for HCBF  
 Date: February 3, 2015 – Revised February 26, 2015 – Revised March 18, 2015  
 Re: Harbor Schools STEAM Initiative, CB Grants Round 2, PCMTF Transfer

## INTRODUCTION

In accordance with the Operating Agreement of the TraPac Memorandum of Understanding (“Operating Agreement”), Harbor Community Benefit Foundation hereby submits a request to approve a transfer of funds in the amount of **\$350,000** from the Port Community Mitigation Trust Fund (“PCMTF”) in support of a new competitive grant program known as Harbor Schools STEAM Initiative (\$300,000) and the continued funding the Community Benefit Grant Program Round 2 (\$50,000). Together, the proposed funding **will benefit a total of 20 organizations serving San Pedro and Wilmington.**

With the approval of this request, the **cumulative award** of projects and programs dedicated to the communities of **San Pedro and Wilmington** equals **\$2,961,000** including: Noise Mitigation (\$185,000), Healthy Harbor Grants (three annual rounds = \$1,350,000), Community Benefit Grants (two rounds = \$1,076,000 + **\$50,000 for this request**) along with the newest competitive grant program, Harbor Schools STEAM Initiative: (**\$300,000 in this request**).

## REQUEST

Harbor Community Benefit Foundation (“HCBF”) hereby requests the Port of Los Angeles Board of Harbor Commissioners (“Harbor Commissioners” or “BOHC”) to

- 1) Concur with the December 12, 2014 HCBF Board approved action to fund the Pilot Round of the Harbor Schools: STEAM Initiative, in the amount of **\$300,000**, in support of 18 proposals (17 organizations) for projects/programs serving the communities of Wilmington and San Pedro;
- 2) Concur with the August 15, 2014 HCBF Board action, to fund the remaining 3 of 23 programs from Community Benefit Grant Round 2, in the amount of **\$50,000**, in support of projects/programs serving the communities of Wilmington and San Pedro; and
- 3) Approve the transfer of funds from the Port Community Mitigation Trust Fund to HCBF, in one lump sum, **not-to-exceed \$350,000**, by issuing a letter of authorization to JPMorgan Chase, the independent Financial Manager, to be executed jointly by the BOHC, or its designee, and the Executive Director of Harbor Community Benefit Foundation.

## BACKGROUND

HCBF released the pilot round of the **Harbor Schools STEAM Initiative** on August 19, 2014, announcing the availability of \$300,000, to equally benefit the communities of Wilmington (\$150,000) and San Pedro (\$150,000).

HCBF developed the new program guidelines, with informal contributions from Port of Los Angeles and California State Lands Commission staff (**TRANSMITTAL A: Harbor Schools STEAM Initiative Application Guide**). With guidance from the HCBF Board ad hoc grant review committee, the recommendation of findings was made, with 18 proposals (17 organizations)

Included in this request are 3 of the 23 grant recommendations from the August 15, 2014 HCBF Board action approving **Community Benefit Grants Round 2**. Funding for 20 of the 23 grants was transferred from the PCMTF in late 2014. At the time, 3 were under continuing review, totaling \$50,000 (\$35,000 for Wilmington and \$15,000 for San Pedro). With this approval, the combined funding in Round 2 will be evenly distributed (50/50), to the benefit of the two communities.

The recommended Projects are hereby forwarded to the BOHC for its final review and determination that the Projects may be funded by the PCMTF in accordance with the TraPac MOU and Operating Agreement. Selected to receive PCMTF funding based on identification of impacts from Port or Port-related operations, the ability of the proposal to mitigate the identified impact, feasibility, cost-effectiveness, organizational capacity and benefits the project proposal would provide, a combined total of 21 proposals, with awards to 20 organizations are being brought before the BOHC at this time. (**TABLE 1 - HCBF COMPETITIVE GRANT RECOMMENDATIONS**)

## HCBF BOARD ACTIONS

### **December 12, 2014 the HCBF Board of Directors, by unanimous vote, determined that**

The Harbor Schools STEAM Initiative conforms to the requirement of the TraPac MOU and the Tidelands Trust, addresses impacts from Port of Los Angeles and Port-related operations, and will benefit the Port-adjacent communities of San Pedro and Wilmington.

### **Resolved to:**

- a) Approve the staff and *ad-hoc* Harbor Schools: STEAM Initiative Grant Review Committee recommendation to award 18 grants (17 organizations),
- b) Approve, in substantial form, a standardized Agreement for the pilot round of the Harbor Schools: STEAM Initiative, (**TRANSMITTAL B: Standard Grant Agreement**) and
- c) Authorize the Executive Director to: tailor the grant agreement and exhibits for each grantee organization, with the assistance of legal counsel, as needed; present the pilot program to the Los Angeles Board of Harbor Commissioners (BOHC) for their concurrence; execute a joint letter with the BOHC, or its designee, to approve the distribution of funds in one lump sum transfer from the Port Community Mitigation Trust Fund to HCBF, in an amount not-to-exceed \$300,000 (\$150,000 for each community), and execute the grant agreements.

### **August 15, 2014 the HCBF Board of Directors, by unanimous vote, determined that**

The Community Benefit Grant Program, Round 2 conforms to the requirement of the TraPac MOU and the Tidelands Trust, addresses impacts from Port of Los Angeles and Port-related operations, and will benefit the Port-adjacent communities of San Pedro and Wilmington.

## Resolved to:

Approve the ad-hoc Grant Review Committee recommendation to award 23 grants to the qualified organizations, to address impacts from Port of Los Angeles and Port-related operations, \$155,000 for programs benefiting Wilmington, \$154,000 for programs benefiting San Pedro, and \$311,000 for programs benefiting both Port-adjacent communities for a total of \$620,000.

## DISCUSSION

Through a competitive grant process, HCBF received **31** proposals for the Pilot Round of HSSI, a total of **\$672,500** in grant funding was requested, with **\$2,070,744** in funding and in-kind match. Of the 31 applications, **15** were from individual schools, with two schools each submitting two proposals, totaling 17 proposals directly from schools.

Staff reviewed and evaluated each proposal based on the terms in the Board approved application guide, conducting site visits for clarification as needed. An ad-hoc committee, consisting of Board members Dr. David Sloane (USC), Peter Peyton (appointed by CD15), and Kathleen Woodfield (San Pedro Appellant), considered, reviewed, and unanimously supported the recommendation of **\$300,000** in grants with equitable benefit in the amount of **\$150,000 (50%)** to San Pedro schools and **\$150,000 (50%)** is Wilmington schools. The 18 unique proposals, to 17 organizations, were well leveraged, with a total in-kind match in excess of **\$668,000**. **Eight** of the proposals intend to **work within multiple schools** in Wilmington and San Pedro, as a result, the pilot round will **benefit a total of 22 area schools!**

## Project Specific Tidelands Nexus Statements

For all of the programs recommended below, HCBF completed a project specific Tideland Nexus analysis (**TABLE 2**), and, has determined all proposed programs are consistent with the requirements of the Operating Agreement of the TraPac MOU (Harbor Department Agreement 10-2912), the mitigation measures are reasonable and appropriate, funding shall only be expended for the benefit of the communities of Wilmington and/or San Pedro, and the quantitative and qualitative evaluation of funded mitigation measures will be reported.

## PCMTF STATUS REPORT: APPROVED PROJECTS & FUND BALANCE UPDATE

The following chart summarizes the transfer of funds from the PCMTF for Studies and HCBF Programs to date:

<b>Trust Fund Balance as of 12/31/2013</b>		<b>\$6,793,554</b>
2014 Healthy Harbor - Health Care Grants (Round 3)	\$550,000	
2014 Community Benefit Grant R2 (20 out of 23 grants)	\$570,000	
<b>This request:</b>		
Harbor Schools STEAM Initiative	\$300,000	
Community Benefit Grant Round 2 (3 out of 23 grants)	\$50,000	
<b>Subtotal Programs approved by HCBF Board in 2014</b>		<b>(\$1,470,000)</b>
2015 Administrative Budget funded December 30, 2014		(\$482,000)
Realized Gain <sup>1</sup>		\$29,394
<b>Net Trust Fund Balance</b>		<b>\$4,870,948</b>

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<sup>1</sup> Unaudited trust fund activity as of 12/31/2014

**TABLE 1 - HCBF COMPETITIVE GRANT RECOMMENDATIONS**

**HARBOR SCHOOLS: STEAM INITIATIVE, PILOT ROUND**

<b>Applicant</b>	<b>HCBF Grant</b>	<b>Match</b>	<b>SP, W, both</b>	<b>Program/Purpose</b>
Banning HS	\$25,000	\$21,600	Wilmington	Underwater robotics program
Broad Ave ES	\$6,000		Wilmington	Aquarium assemblies
Cabrillo Ave ES	\$16,000	\$2,800	San Pedro	Field trips and time lapse study of marine life and port operations
Cabrillo Marine Aquarium (CMA)	\$15,000	\$8,632	San Pedro	Pilot hands-on Aquatic Nursery and robotics education
Dana Middle School	\$15,000	\$246,000	San Pedro	Field trips to CMA, including robotics curriculum
Grand Vision Foundation	\$5,000	\$64,541	Wilmington	International trade and cultural music program.
Hawaiian Avenue ES	\$25,000	\$9,140	Wilmington	Catalina Island Marine Institute
ITEP	\$25,000	\$179,000	Wilmington	Expanding port career internships at Banning HS
LAMI	\$25,000	\$27,529	Wilmington	Sailing and robotics program w/ Wilmington Middle School
Marine Mammal Care Center	\$7,000	\$2,000	San Pedro	Field trips; educational coordinator
Park Western ES (two proposals)	\$15,500		San Pedro	Catalina Island Marine field trip; marine science kits
POLA High School	\$6,000	\$1,560	San Pedro	Environmental Engineering curriculum
Pt. Fermin ES	\$25,000		San Pedro	Plankton Exploration
PV Land Conservancy	\$21,500 (18,500 SP, 3,000 W)	\$14,000	Both	3rd Grade coastal habitat naturalist Program
Sharefest	\$23,000	\$4,690	Wilmington	Port curriculum at Avalon HS
Taper ES	\$20,000		San Pedro	Multi-grade Port-related initiative
Think Earth	\$25,000 (12,000 SP, 13,000 W)	\$86,800	Both	Educational program on a floating lab in the Port of LA
<b>Total</b>	<b>\$300,000</b>	<b>\$668,292</b>		<b>SP= \$150,000 W=\$150,000</b>

**COMMUNITY BENEFIT GRANTS (ROUND 2 continued)**

Shakespeare by the Sea	\$5,000	\$5,500	San Pedro	Aquatic themed exterior of Little Fish Theater
LANI	\$10,000		San Pedro	International signage celebrating Sister Ports and Friendship Ports
Wilmington Teen Center	\$35,000	\$70,900	Wilmington	Educational youth program to expose students to coastal resources and POLA trades, and safety training.
<b>Total</b>	<b>\$50,000</b>	<b>\$76,400</b>		

## TABLE 2 – PROGRAMS & NEXUS STATEMENTS

### **Project Specific Tidelands Nexus Statements**

For all of the programs recommended below, HCBF completed a project specific Tidelands Nexus analysis, and, has determined all proposed programs are consistent with the requirements of the Operating Agreement of the TraPac MOU (Harbor Department Agreement 10-2912), the mitigation measures are reasonable and appropriate, funding shall only be expended for the benefit of the communities of Wilmington and/or San Pedro, and the quantitative and qualitative evaluation of funded mitigation measures will be reported.

### **HARBOR SCHOOLS: STEAM INITIATIVE**

#### **1) Banning High School**

Program: Creates a maritime-themed underwater robotics program as a daily class at Banning High School in Wilmington and an after school maritime-themed underwater robotics program at Dana Middle School in San Pedro.

Nexus: The proposed project mitigates, reduces, or addresses the Port's maritime, marine, coastal, and aquatic impact on the harbor communities, and provides those communities with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science programming in San Pedro and Wilmington.

#### **2) Broad Avenue ES**

Program: Aquatic-themed school assemblies, including hands-on experiences, demonstrations, and specimens with Cabrillo Marine Aquarium.

Nexus: The proposed project mitigates, reduces, or addresses the Port's coastal, marine, and aquatic impact on the harbor communities, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through aquatic-themed school programming in Wilmington.

#### **3) Cabrillo Ave ES**

Program: Three components: 1) second and fourth graders will study growth of algae and plants in class and actively engage and become involved with marine science. 2) students will take a field trip to Cabrillo Marine Aquarium and participate in programs comparing marine habitat and life cycles, becoming aware of the ecology of marine life through hands-on learning. 3) Students will use technology, including time lapsed digital photography, to observe the Port of Los Angeles operations in their community.

Nexus: The proposed project mitigates, reduces, or addresses the Port's marine and coastal impact on the community of San Pedro, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science programming in San Pedro.

#### **4) Cabrillo Marine Aquarium**

Program: Situated at the Cabrillo Marine Aquarium, approximately 140 STEAM Magnet students from Dana Middle School will participate in the Sea Search Marine Classroom and approximately 140 STEAM Magnet students will participate in the Aquatic Nursery lab.

**Nexus:** The proposed project mitigates, reduces, or addresses the Port’s marine and coastal impact on the harbor community, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science programming in San Pedro.

### **5) Dana MS**

**Program:** Partnering with Cabrillo Marine Aquarium for pilot, comprehensive programming, environmental science (E.S) teacher Mr. Nesbitt will spearhead an underwater robotics program, including purchase of a water tank for the classroom; the E.S. teacher will supplement curriculum with instructional materials from Aquarium, post-field trips.

**Nexus:** The proposed project mitigates, reduces, or addresses the Port’s marine and coastal impact on the community of San Pedro, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science programming in San Pedro.

### **6) Grand Vision**

**Program:** Port-related cultural curriculum, with Port of LA staff, introducing San Pedro and Wilmington students from Title I Schools to world trade and world music, with geographical and cultural lessons from international trade destinations, including China, Indonesia, Brazil, Polynesian Islands, and Peru, among others, in the “Meet the Music” program.

**Nexus:** The proposed project mitigates, reduces, or addresses the Port’s maritime impact on the communities of San Pedro and Wilmington, and provides those communities with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through international Port-related programming for children from San Pedro and Wilmington.

### **7) Hawaiian Ave ES**

**Program:** 97 elementary students participate in the Catalina Island Marine Institute’s immersive marine science programming, traveling from the Port of LA to Catalina Island on the ferry.

**Nexus:** The proposed project mitigates, reduces, or addresses the Port’s marine, coastal, and aquatic impact on the community of Wilmington, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science programming for students from Wilmington.

### **8) Int’l Trade Education Programs (ITEP)**

**Program:** 485 high school students enrolled in the Pilot Academy of Technology and Health Sciences (PATHS) at Banning High School in Wilmington will participate in a Port-related, international trade, career development program.

**Nexus:** The proposed project mitigates, reduces, or addresses the Port’s logistics, goods movement, and Port-related industrial impact on the community of Wilmington, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through a port-related career development program in Wilmington.

### **9) Los Angeles Maritime Institute (LAMI)**

Program: 240 students at Wilmington Middle School will participate in Los Angeles Maritime Institute's immersive sailing program, including lessons on nautical charts, sailing techniques, and water-based robotics.

Nexus: The proposed project mitigates, reduces, or addresses the Port's aquatic, coastal, and maritime impact on the community of Wilmington, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through an immersive youth sailing program in Wilmington.

### **10) Marine Mammal Care Center**

Program: Funding will support marine-related educational content, educational coordinator, and field trips for students from San Pedro High, Willenberg Special Education Center, Gulf Ave ES, and Bandini ES to Marine Mammal Care Center.

Nexus: The proposed project mitigates, reduces, or addresses the Port's marine impact on the communities of San Pedro and Wilmington, and provides those communities with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science programming.

### **11) Park Western Place ES (two proposals)**

Program 1) 3<sup>rd</sup> graders create and use Ocean Discovery Kits in marine science lessons.

Program 2) Students will participate in Catalina Island Marine Institute's immersive marine science and marine life programming.

Nexus: The proposed project mitigates, reduces, or addresses the Port's aquatic, coastal, and marine impact on the community of San Pedro, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science programming at a school in San Pedro.

### **12) POLA HS**

Program: Environmental engineering curriculum and water quality testing.

Nexus: The proposed project mitigates, reduces, or addresses the Port's aquatic, coastal, and marine impact on the community of San Pedro, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science programming at a school in San Pedro.

### **13) Pt. Fermin ES**

Program: 4<sup>th</sup> graders will dredge the harbor, visit Cabrillo Marine Aquarium nursery, and study marine life under a microscope. Using technology, they will model prototype plankton to understand marine life and coastal habitat, and use an ocean simulation tank to test the drift-ability of plankton prototypes.

Nexus: The proposed project mitigates, reduces, or addresses the Port's aquatic, coastal, and marine impact on the community of San Pedro, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science programming at a school in San Pedro.

#### **14) PV Land Conservancy**

Program: 3<sup>rd</sup> and 4<sup>th</sup> grade students in San Pedro and Wilmington learn about local plant and marine life and participate in a guided field trip to view and learn about coastal sage scrub in San Pedro. 3<sup>rd</sup> and 4<sup>th</sup> grader lessons incorporate environmental topics specific to the San Pedro Harbor, emphasizing stewardship of coastal resources.

Nexus: The proposed project mitigates, reduces, or addresses the Port's aquatic, coastal, and marine impact on the communities of San Pedro and Wilmington, and provides those communities with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science programming in San Pedro and Wilmington.

#### **15) Sharefest**

Program: Students at Avalon Continuation School in Wilmington will take field trips to see Port-related functions in operation and construct a series of models based on their findings. Students will be introduced to Port-related careers, including a guest speaker series from the Port of Los Angeles.

Nexus: The proposed project mitigates, reduces, or addresses the Port's goods movement, logistics, and Port-related industrial impact on the community of Wilmington, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through a port-related career development program in Wilmington.

#### **16) Taper Ave ES**

Program: Kindergarten and 1<sup>st</sup> graders will explore local tidelands and marshlands and learn about coastal habitat. 2<sup>nd</sup> graders will construct and build a robot to learn about Port of Los Angeles and Port-related industrial operations. Students from multiple grades will participate in a photography project documenting Port-related operations in their community.

Nexus: The proposed project mitigates, reduces, or addresses the Port's aquatic, coastal, goods movement, logistics, and Port-related industrial impact on the community of San Pedro, and provides that community with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science and robotics school programming in San Pedro.

#### **17) Think Earth**

Program: Working with nine San Pedro and Wilmington schools to send students to its "floating lab" in the Los Angeles Harbor. The floating lab includes a rigged a catamaran with scientific equipment, such as microscopes, to capture plankton and other sea life. Students examine samples and learn marine science concepts. Includes lessons on relationship between Port and marine life, morphology, and water pollution. Students follow up lessons with discussions on website with other students in the community.

Nexus: The proposed project mitigates, reduces, or addresses the Port's aquatic, coastal, and marine impact on the communities of San Pedro and Wilmington, and provides those communities with exposure to port-related educational opportunities and access to unique aquatic, coastal, and maritime resources, through hands-on marine science programming in San Pedro.

## **COMMUNITY BENEFIT GRANTS, ROUND 2**

Included in this request are 3 of the 23 grant recommendations from the August 15, 2014 HCBF Board action approving **Community Benefit Grants Round 2**. \$570,000 in was transferred from the PCMTF for 20 of the grants in late 2014, at the time, 3 grants, totaling \$50,000, were under continuing review. These projects are being brought before the BOHC at this time.

With this approval, the combined funding in Round 2 is evenly distributed (50/50), to the benefit of the two communities.

### **18) Little Fish Theatre**

Program: The addition of fish imagery to an aquatic themed exterior for Little Fish Theatre, a community resource, to memorialize the theatre's connection to San Pedro's fishing industry.

Nexus: The proposed project mitigates, reduces, and addresses the Port's aesthetic impact on the community of San Pedro by beautifying the exterior of a community resource, illustrating its connection with the fishing industry, and mitigating an industrial Port environment.

### **19) Los Angeles Neighborhood Initiative (LANI)**

Program: Install educational signage bordering the San Pedro library's exterior to celebrate the Port of Los Angeles sister ports and friendship port's, namely, Port of Nagoya, Japan (1959), Port of Tokyo, Japan (1987), Port of Keelung, Taiwan (1988), Port of Lazaro Cardenas, Mexico (1997), Saigon Port, Vietnam (1999), Sydney Ports Corporation, Australia (2004), Port of Valparaiso, Chile (2004), Port of Kaosiung, Taiwan (1988), Port of Busan, Korea (2006), Israel Ports Development, Israel (2008), Port of Huangpu, Guangzhou, People's Republic of China (1984), Shanghai Port Authority, People's Republic of China (1998), Port of Dalian, People's Republic of China (2004) and Port of Incheon, Korea (2007)

Nexus: The proposed project mitigates, reduces, and addresses the Port's commercial and aesthetic impact on the community of San Pedro celebrating international trade and engaging the San Pedro community in a community improvement project.

### **20) Harbor Community Development Corporation for Wilmington Teen Center**

Program: Educational youth program to expose students to coastal resources, POLA trades and safety training with excursions to **Cabrillo Marine Aquarium, The Aquarium of the Pacific, Point Fermin Lighthouse, Los Angeles Maritime Museum, Drum Barracks Civil War Museum, and Banning Museum** to partake in a tour of the mansion's "Improbable Gateway", an interactive exhibit which provides a lesson on the Los Angeles transportation legacy including the roles POLA has played in the developmental history of the evolution of Southern California with national impacts on commerce and trade.

Nexus: The proposed project mitigates, reduces, and addresses the Port's impact on the communities of Wilmington by supporting an educational youth program to provide access to coastal resources, with an introduction to POLA trades, and, a community emergency relief training (CERT) program to train teens on disaster preparedness in the event of emergencies related to the Port and Port-related facilities.

## **ATTACHED TRANSMITTALS**

**TRANSMITTAL A: Harbor Schools STEAM Initiative Application Guide**

**TRANSMITTAL B: Standard Grantee Agreement**