

SECTION TWENTY  
CLEAN AIR ACTION PLAN – GENERAL RULES AND REGULATIONS - Continued

Item No.

VOLUNTARY ENVIRONMENTAL SHIP INDEX (ESI) INCENTIVE PROGRAM

\* The objective of the Voluntary Environmental Ship Index (ESI) Incentive Program is to accelerate the reduction of emissions from Ocean Going Vessels (OGVs) calling at the Port by providing incentives to Vessel Operators for (1) the achievement of specific ESI ratings under the international ESI standards administered by the International Association of Ports and Harbors (IAPH) World Ports Climate Initiative (WPCI); (2) deployment of IMO Tier II (during the first three years of the program) and Tier III OGVs (throughout the program), and (3) participation in a nitrogen oxides (NOx) reduction technology demonstration project under the Clean Air Action Plan Technology Advancement Program.

+ The Voluntary Environmental Ship Index Incentive Program commenced on July 1, 2012, and was modified effective October 1, 2016, to comport with new regulations. The Port shall award incentive grants to enrolled Vessel Operators whose OGVs calling at the Port that have met the qualifying requirements of the Port’s ESI Incentive Program, under the terms and conditions of this Tariff item 2060 and the detailed ESI Incentive Program rules issued by the Port.

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DEFINITIONS

For purposes of the ESI Incentive Program under this Item 2060 the following definitions shall apply:

“**Environmental Ship Index**” or “**ESI**” means a voluntary rating system established by the IAPH/WPCI and administered by the ESI Administrator that issues ratings based upon the extent to which ships’ emissions perform better than IMO emissions standards, ranging from 0 for a ship that meets IMO standards to 100 for a ship that has zero air emissions.

“**ESI Administrator**” means the ESI Bureau of the IAPH/WPCI.

“**ESI Score**” means the ESI rating issued by the ESA Administrator and published on the ESI website at <http://www.wpci-esi.org>.

“**IAPH**” means the International Association of Ports and Harbors.

“**IMO**” means the International Maritime Organization.

“**IMO Tier II or Tier III**” means the IMO’s adopted marine diesel engine standards under Revised MARPOL Annex VI, an international ship regulation limiting the main air pollutants contained in ship emissions. The Tier II emission standard is required for marine diesel engines installed on or after 1 January 2011, and Tier III emission standard is required for marine diesel engines installed on or after 1 January 2016 that are used on ships operating in IMO Emission Control Areas (ECA) designated for controlling NOX emissions, which includes the North American ECA covering the Port that will take effect from August 1, 2012.

See Item 10 for explanation of abbreviations and symbols.

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<p>VOLUNTARY ENVIRONMENTAL SHIP INDEX (ESI) INCENTIVE PROGRAM</p> <p>+ <b>“Incentive Period”</b> means the incentive period (i) for ESI Scores of 25 to 40+ points commencing on July 1, 2012, and ending on September 30, 2016; (ii) for ESI Scores of 40+ commencing on October 1, 2016, until suspended by the Port; (iii) for the OGV5 Tier II Incentive commencing on July 1, 2012, and ending on September 30, 2016; (iv) for the OGV5 Tier III Incentive commencing on July 1, 2012, until suspended by the Port; and (v) for the OGV6 Technology Advancement Program (TAP) Demonstration Incentive commencing on July 1, 2012, until suspended by the Port.</p> <p><b>“Main Engine”</b> means any internal combustion, compression-ignition engine that is configured to supply propulsion power for an Ocean Going Vessel, regardless of whether the propulsion system is direct-drive, geared drive or diesel electric.</p> <p><b>“Marine Exchange”</b> means Marine Exchange of Southern California, which publishes records of ocean going vessel arrivals and departures.</p> <p><b>“Ocean Going Vessel”</b> or <b>“OGV”</b> has the same meaning as Ocean Going Vessel in Item 2045 (Voluntary Vessel Speed Reduction Program).</p> <p><b>“Vessel Operator”</b> has the same meaning as Vessel Operator in Item 2045 (Voluntary Vessel Speed Reduction Program).</p> <p><b>“Vessel Visit”</b> has the same meaning as Vessel Visit in Item 2045 (Voluntary Vessel Speed Reduction Program).</p> <p><b>“WPCI”</b> means the World Ports Climate Initiative.</p> <p style="text-align: center;"><u>INCENTIVE PROGRAM RULES</u></p> <p>(1) Vessel Operators interested in participating in any of the three incentives under this ESI Incentive Program must be a registered participant in the IAPH/WPCI ESI program, and should request an ESI Score for their Ocean Going Vessels by registering on the IAPH/WPCI ESI website, at <a href="http://www.wpci-esi.org">www.wpci-esi.org</a>. Under the auspices of the IAPH/WPCI, the ESI Administrator will calculate the ESI score of Ocean Going Vessels on the basis of input provided by the Vessel Operator, with certain verification processes built into the ESI system.</p> <p>* (2) To be eligible to receive ESI Incentive Program grants, Vessel Operators must enroll with the Port by submitting an enrollment application to the Executive Director. The enrollment application is available at <a href="http://www.portoflosangeles.org/environment/ogv.asp">www.portoflosangeles.org/environment/ogv.asp</a>. After initial program enrollment, Vessel Operators may update their OGVs on the IAPH/WPCI ESI website (<a href="http://www.wpci-esi.org">http://www.wpci-esi.org</a>). The Port will pay incentives to Vessel Operators for Vessel Visits only from and after the date they have both registered for ESI with IAPH/WPCI and enrolled with the Port.</p>	<p>[C]+ 2060 (Cont.)</p>					
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<p style="text-align: center;">VOLUNTARY ENVIRONMENTAL SHIP INDEX (ESI) INCENTIVE PROGRAM PROGRAM RULES – continued</p> <p>* (3) A Vessel Operator may apply for three different types of incentive grants (described under subsections a, b, and c immediately below) for enrolled OGVs making Vessel Visits at the Port of Los Angeles:</p> <p style="margin-left: 40px;">a. <u>ESI Score</u>. Each OGV that has the following ESI Scores is eligible for an incentive grant per Vessel Visit as follows:</p> <p style="margin-left: 80px;"><u>Initial Program, effective July 1, 2012, through September 30, 2016, only:</u></p> <ol style="list-style-type: none"> <li>ESI Score of 25-29 points is eligible for \$250 per Vessel Visit made between July 1, 2012 – December 31, 2012; or</li> <li>ESI Score of 30-34 points is eligible for \$750 per Vessel Visit; or</li> <li>ESI Score of 35-39 points is eligible for \$1,000 per Vessel Visit; or</li> <li>ESI Score of 40 points or more is eligible for \$1,250 per Vessel Visit.</li> </ol> <p style="margin-left: 40px;">+ <u>Program commencing effective October 1, 2016:</u></p> <ol style="list-style-type: none"> <li>ESI Score of 40-49 points is eligible for \$750 per Vessel Visit; or</li> <li>ESI Score of 50 points or more is eligible for \$2,500 per Vessel Visit.</li> </ol> <p style="margin-left: 80px;">Vessel Operators shall be eligible for only one ESI incentive for any single OGV on a Vessel Trip.</p> <p style="margin-left: 40px;">b. <u>OGV5 - IMO Tier II or Tier III Standards</u>. Each OGV that has a verified IMO Tier II or Tier III Main Engine is eligible for an incentive grant as follows:</p> <ol style="list-style-type: none"> <li>For the incentive period July 1, 2012, through September 30, 2016, only, each OGV with a Main Engine that meets IMO Tier II standard for NOx is eligible for an incentive grant of \$750 per Vessel Visit; or</li> <li>For the incentive period commencing July 1, 2012, through September 30, 2016, only, each OGV with a Main Engine that meets IMO Tier III standard for NOx is eligible for an incentive grant of \$3,250 per Vessel Visit.</li> <li>For the incentive period commencing October 1, 2016, each OGV with a Main Engine that meets IMO Tier III standard for NOx is eligible for an incentive grant of \$5,000 per Vessel Visit.</li> </ol> <p style="margin-left: 80px;">Vessel Operators shall be eligible for only one OGV5 incentive for meeting either the Tier II standard or Tier III standard, but not both, for any single OGV on a Vessel Trip.</p>		[C]+ 2060 (Cont.)
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<p>c. <u>OGV6 – TAP Demonstration</u>. The ESI Incentive program would provide an incentive grant of \$750 per vessel visit for OGVs that are demonstrating an emission technology reducing NOx and/or Diesel Particulate Matter under the San Pedro Bay Ports TAP (CAAP OGV6 Measure), under the terms and conditions of a TAP technology demonstration agreement approved by the Los Angeles Board of Harbor Commissioners.</p> <p>(4) Vessel Operators may participate in any or all of the three types of incentive grants in combination, set forth in section (3) above, for any Vessel Visit. There shall be no minimum level of OGV fleet participation required.</p> <p>(5) The grant amounts for all Vessel Operators will be determined by the Executive Director after enrollment, subject to verification of (i) OGV’s Vessel Visit data from the Marine Exchange of Southern California, (ii) OGV’s ESI Scores published by the ESI Administrator and (iii) IMO Tier II or Tier III main engine classification of the OGV based upon build date from Lloyd’s registry and/or Tier status from IAPH/WPCI ESI registry, and (iv) valid OGV6 TAP Demonstration Agreement in good standing, as applicable. Ocean Going Vessels may be subject to inspection and verification of eligibility criteria by the Port.</p> <p>6) IMO Tier II and Tier III main engine classifications are based upon OGV ship build date. Further information is available at the IMO website at: <a href="http://www.imo.org">http://www.imo.org</a></p> <p>(7) On a quarterly basis, the Executive Director or his/her designee shall send Vessel Operators written notice of incentive grants qualified for during the prior quarter, including an itemized calculation of incentive grants based upon verified Vessel Visits of qualifying OGVs, their ESI Scores, IMO Tier II/Tier III status and/or OGV6 TAP Demonstration Agreement participation.</p> <p>(8) Vessel Operators shall confirm their agreement with the qualifying grants by submitting written Invoices quarterly to the Port requesting payment of incentive grants, attaching the Port’s verified incentive grant calculations. Incentive payments shall be paid to Vessel Operators quarterly by the Port upon receipt of the Invoice.</p> <p>(9) Vessel Operators may add, substitute or delete Ocean Going Vessels from the list of participating vessels in the program on the IAPH/WPCI ESI website (<a href="http://www.wpci-esi.org">http://www.wpci-esi.org</a>).</p>		[C]+ 2060 (Cont.)
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<p style="text-align: center;">VOLUNTARY ENVIRONMENTAL SHIP INDEX (ESI) INCENTIVE PROGRAM PROGRAM RULES – continued</p> <p>(10) The Port will rely on the ESI Scores issued by the ESI Administrator, and may adjust the incentives in the event of any adjustment to ESI Scores. The Port is not responsible for any modifications, delays or errors in the ESI Scores or information provided by the ESI Administrator.</p> <p>(11) To be paid an incentive grant, all Vessel Operators must have filed with the Port a Los Angeles Business Tax Registration Certificate and federal tax form W-9 or form W-8BEN.</p> <p>(12) The Port reserves the right in its sole discretion at any time to close the ESI Incentive Program to new applicants. The ESI Incentive Program and this Item 2060 may be modified, suspended or terminated by the Port in its sole discretion upon 30 calendar days’ notice in writing to program participants or when the Incentive Period has expired.</p> <p>(13) Additional information on the ESI Incentive Program is available at <a href="http://www.portoflosangeles.org/environment/ogv.asp">www.portoflosangeles.org/environment/ogv.asp</a> or the Los Angeles Harbor Department—Environmental Management Division, Attention: ESI Incentive Program, P.O. Box 191, San Pedro, California 90733-191.</p>		[C]+ 2060 (Cont.)
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