

LOCAL VESSELS ADVISORY COMMITTEE

Study on Marine Vessels Emission Inventory

Purpose

1. This paper is to provide members with a brief introduction about the Study on Marine Vessels Emission Inventory in the HKSAR. The 15-month study has been awarded to the Institute for the Environment of the Hong Kong University of Science and Technology (herewith HKUST) by the Environmental Protection Department (EPD) of the HKSAR Government. This paper also seeks members' support to the Study and participation in the local surveys to be conducted by HKUST.

Background

2. In 2006, marine emission was the second and third major emitters of SO₂ and NO_x in Hong Kong. Marine emission will remain a major emitter in Hong Kong in light of the upcoming cruise terminal and the development of container ports.

Scope of Study

3. The study scope may be described briefly as follow:
 - (i) To collect local data on ocean-going, river and the associated local vessels entering, transiting and leaving Hong Kong waters by conducting surveys to relevant trade associations, practitioners, operators and government departments;
 - (ii) To produce an emission inventory of ocean-going, river and the associated local vessels for the years 1990 to 2007 within Hong Kong waters and 100 nautical miles (nm) of the Hong Kong coastline; and

- (iii) To project the emission inventory from 2008-2020 under different control scenarios and making reference to the MARPOL Annex VI, latest port development study reports, cruise development plans and vessel forecast data.

Local Surveys

- 4. HKUST shall engage the marine trade and industry during the first half of 2009 to conducting interviews and questionnaire surveys. The main purpose of the surveys is to collect information with respect to the operation characteristics and engine activities of different types of vessels within Hong Kong waters. These locally collected information are important to the compilation of marine vessels emission inventory for Hong Kong.
- 5. Information collected by HKUST shall be kept confidential and used solely for the Study. No information shall be released to other parties without the respondents' prior consent, nor published in formats that may disclose the identity of individuals.

Presentation

- 6. Mr. Simon K W Ng, Project Manager of the Study, will present this paper to members.

Enquiries

- 7. Enquiries to this paper and about the Study should be directed to Mr. Simon K W Ng (Tel: 2358-8472 / Email: simonng@ust.hk)

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24 December 2008