

Country and Marine Parks Board
Summary Report of the Marine Parks Committee

1. Purpose

1.1 This paper informs members of issues discussed at the Marine Parks Committee meeting held on 1 November 2013. Major issues discussed at the meeting are summarised below:

2. Proposal on Diversion of Existing Undersea Aviation Fuel Pipelines Running between the Sha Chau Aviation Fuel Receiving Facility and the Airport Island

2.1 Members were briefed by the representatives of the Airport Authority Hong Kong (AAHK) on the introduction of the three-runway system, background of the existing aviation fuel supply system, the three options of Sha Chau Fuel Pipelines, the recommended option [Horizontal Directional Drilling (HDD)], the need for site investigation works prior to the commencement of HDD work, the egret identified on Sha Chau Island, comparison of the three options, and proposed treatment to the existing Sha Chau Fuel Pipelines after they were diverted.

2.2 Members noted that Options 1 and 2 employed conventional open trench dredging method similar to that for constructing the existing Sha Chau Fuel Pipelines. Both options required marine works inside the Sha Chau and Lung Kwu Chau Marine Park and the dredging works would have significant impacts to the Marine Park, particularly water quality and marine ecology associated with the release of suspended sediment. Option 3 involved the use of HDD which allowed the pipelines to be installed approx. 80 m below the seabed level thereby avoiding any impact along the alignment in a more environmentally sensitive area.

2.3 Members noted that based upon the comprehensive evaluation of the diversion options, AAHK considered that Option 3, that was, installing the new pipelines by HDD from the Hong Kong International Airport (HKIA) island to Sha Chau was the recommended diversion option. The existing Sha Chau Fuel Pipelines after diversion were proposed to be treated with a suitable proprietary cleansing tool to remove the fuel and all residues that might have adhered to the inner walls of the pipelines. The pipelines would then be sealed, capped and left at their current

location for decommission.

2.4 The Chairman suggested that AAHK would consult the Committee about the detailed option again.

3. Hong Kong Underwater Photo and Video Competition 2013

3.1 Members were briefed on the results of Hong Kong Underwater Photo and Video Competition 2013. Members were informed that the competition comprised two photo categories "Marco & Close up Group" and "Standard & Wide Angle Group" as well as a video category. All entries should feature marine ecology, habitats or marine life in Hong Kong waters and they should be taken during the period from October 1 2012 to September 16 2013.

3.2 Members noted that this year the competition received an overwhelming response. There were 365 entries, representing an increase of 35% over that for last year. The overall standard of entries was outstanding. A champion, a first runner-up, a second runner-up and 10 outstanding awards were selected for each category. Each winner was awarded a trophy or a certificate. The list of the winners and their winning entries could be viewed at AFCD's website.

4. Progress Report on Marine Parks and Marine Reserve

4.1 A representative of AFCD presented the work of the Country and Marine Parks Authority in marine parks and marine reserve during the period from 1 June to 30 September 2013. Members noted the content of the paper.

5. Presentation

5.1 This paper is prepared for members' information.

Country and Marine Parks Authority
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