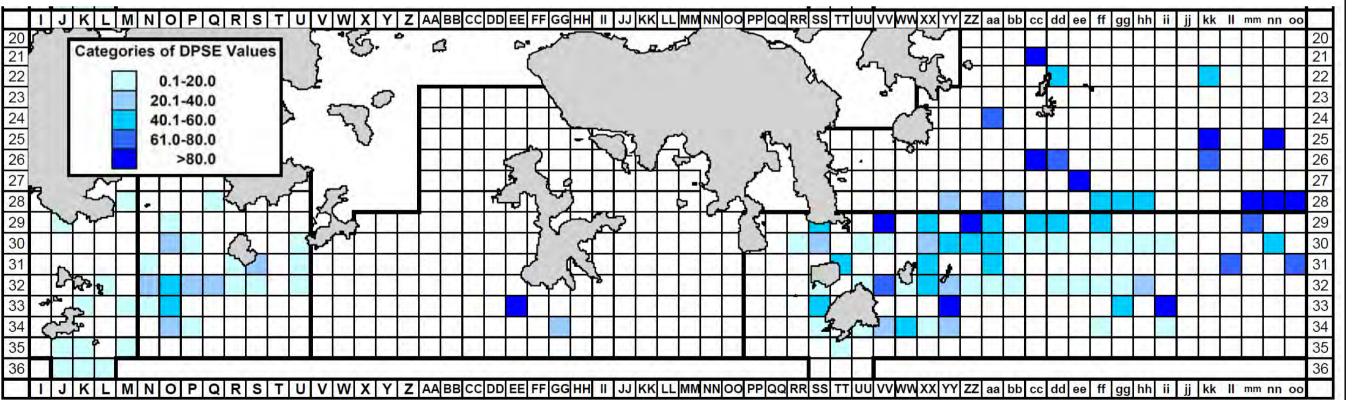


Wet Season (Jun. - Nov.)



Notes

[2] Source: Samuel, Y.K. HUNG (2013), Monitoring of Marine Mammals in Hong Kong Waters, Final Report (1 April 2012 to 31 March 2013)

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80 Tat Chee Avenue, Kowloon Tong, Kowlo Hong Kong

Civil Engineering and Development Departme

reement No. CE 9/2011 (CE)

Increasing Land Supply by Reclamation and Rock Cav Development cum Public Engagement - Feasibility Stu

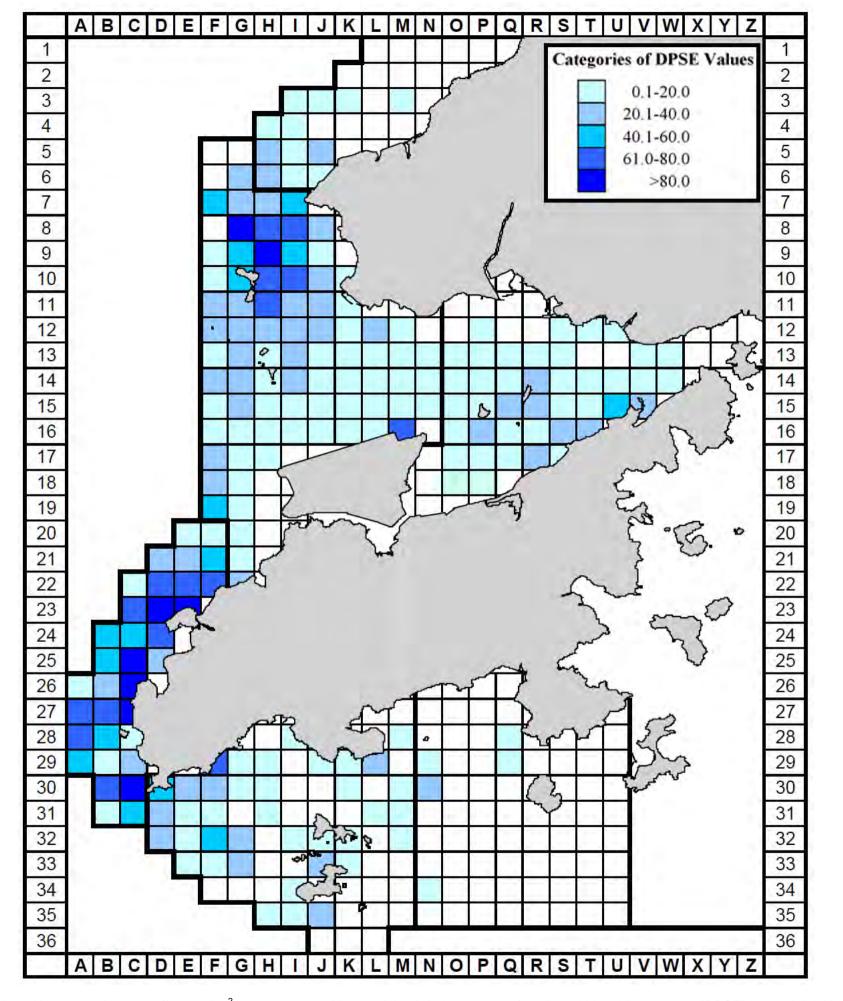
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Locations of Finless Porpoise Hotspot

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^[1] Density of finless porpoises with corrected survey effort per km² in southern waters of Hong Kong during dry season (top) wet season (bottom) using data collected during 2004-12 (DPSE = no. of porpoises per 100 units of survey effort)



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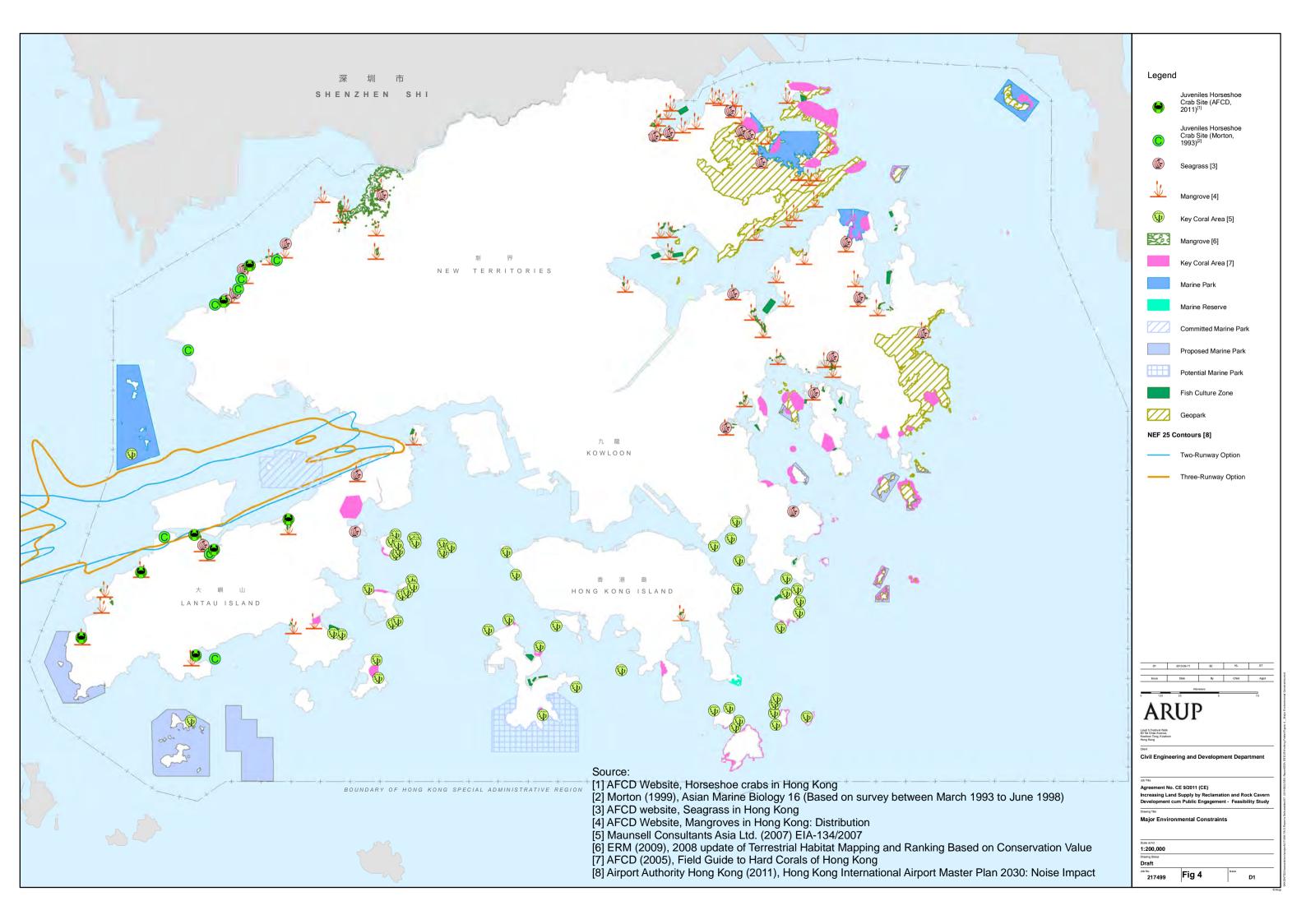
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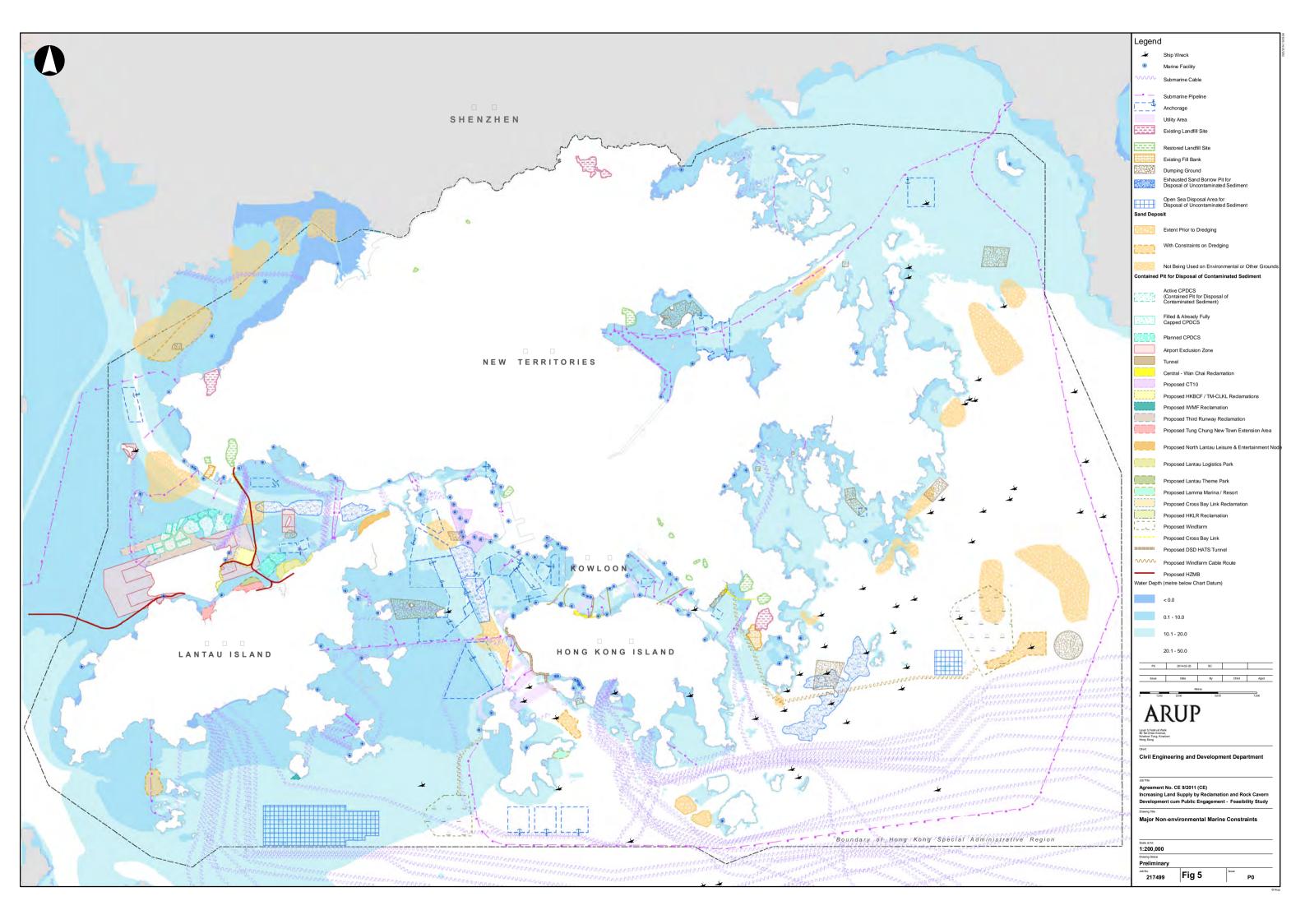
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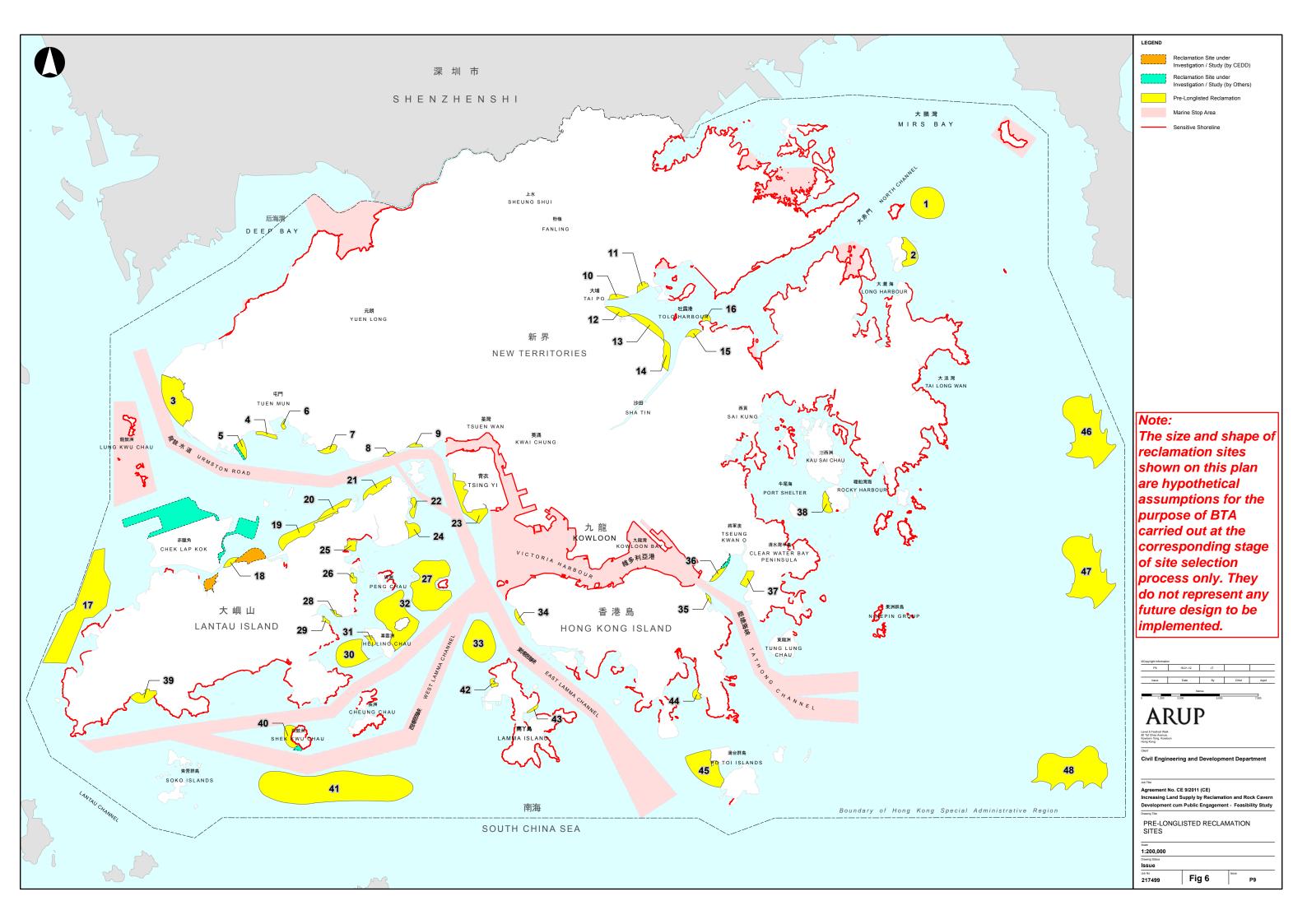
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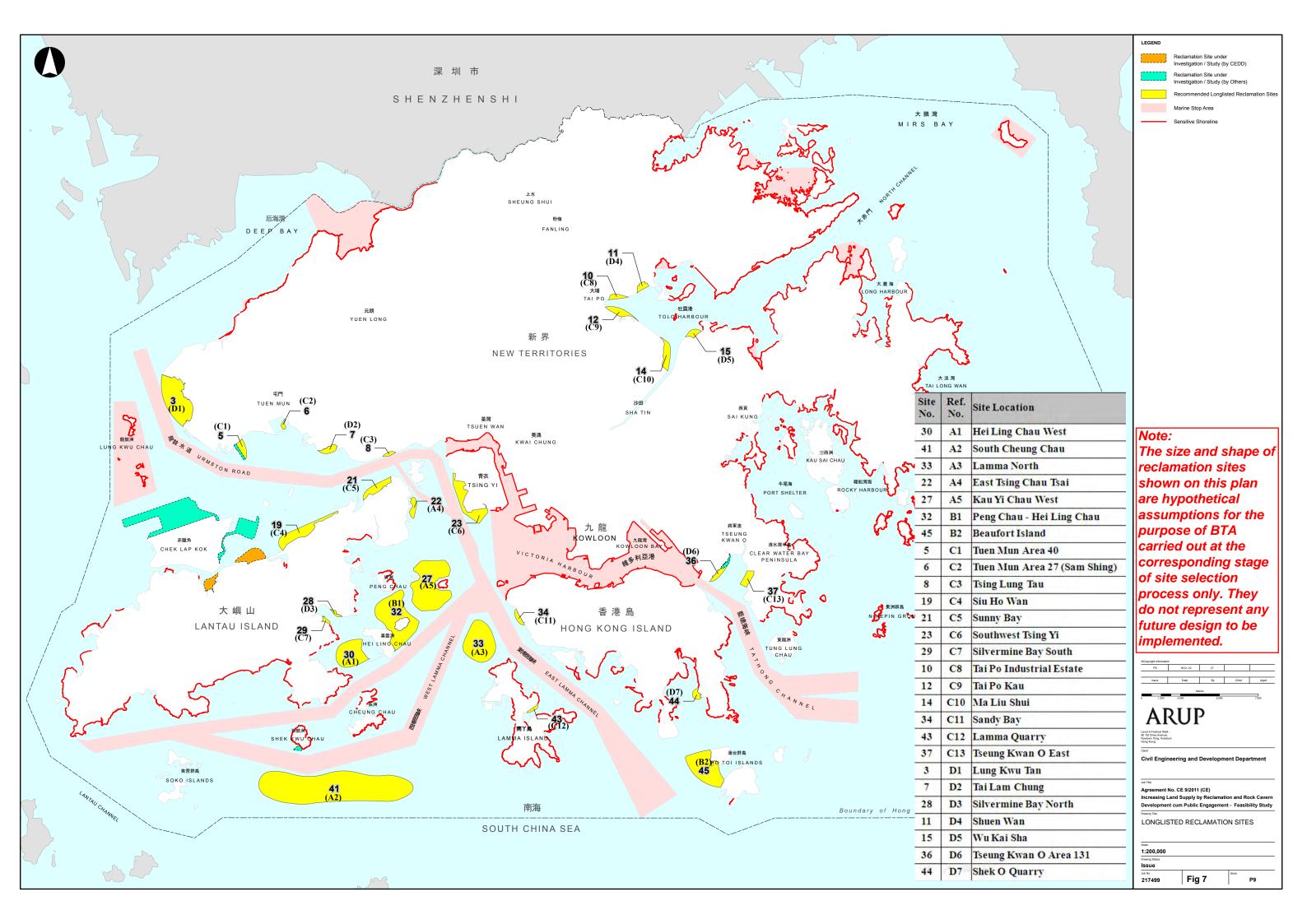
Fig 3

[1] Density of Chinese white dolphins with corrected survey effort per km² in waters around Lantau Island during 2008-12 (number within grids represent "DPSE" = no. of dolphins per 100 units of survey effort) [2] Source: Samuel,Y.K. HUNG (2013), Monitoring of Marine Mammals in Hong Kong Waters, Final Report (1 April 2012 - 31 March 2013)









OPPORTUNITIES CONSTRAINTS The existing Airport Height Restrictions will have an impact on the development potential of the proposed reclamation. Future development on the proposed reclamation will be limited to building The Proposed reclamation could create a prime The hinterland of Siu Ho Wan is occupied by a number of NIMBY/industrial heights ranging from 80mPD to 100mPD. uses /facilities posing different land use interfacing issues, eg. Siu Ho Wan waterfront development sites. Sewage and Water Treatment Works. A planned Organic Waste Treatment The adjacent transport infrastructure will have potential impacts on Facility (OWTF) is also located within the Siu Ho Wan hinterland. The existing Siu Ho Wan stabling yard may the future development of the reclamation. These potential impacts allow for the development of an MTR station. include air pollution and traffic noise generated by the North Lantau The proposed reclamation abuts the existing Refuse Transfer Station (RTS) to its east. Appropriate measures will need to be implemented to address the The proposed reclamation at Siu Ho Wan enjoys proximity to the regional GIC facilities interface between the future development upon the reclamation and the RTS. The proposed reclamation is located within proximity to a committed within Tung Chung. Marine Park. Further reclamation beyond that proposed is unlikely. Two columbarium developments are also proposed to be located east of the proposed reclamation which may have potential impact on traffic conditions on The proposed reclamation can provide solution The proposed Road P1 will have to be provided to sustain the the proposed reclamation. space for facilities which Tung Chung is not development of Siu Ho Wan. However, the proposed road may currently equipped. occupy a rather significant portion of the reclamation. The existing Siu Ho Wan Water Treatment Works (WTW) is a Potentially Hazardous Installation (PHI) with a Consultation Zone of 1,000m in radius. The proposed reclamation enjoys good Given potential hazard to life issue, the Existing Sham Shui Kok Given potential hazard to life issue, if the WTW is not relocated it may accessibility with the connected to the existing Chlorine Transshipment Dock may also impact the development North Lantau Highway and the proposed Tuen undermine the development potential of part of the proposed reclamation. potential of the reclamation site. Mun - Chek Lap Kok Link and the Hong Kong Zhuhai - Macao Bridge and other strategic transport links. If the existing Sewage Treatment Works could be relocated to rock cavern, the proposed reclamation could be developed in a coherent manner with the RCD-released site as well as the possible topside development above the Note: stabling yard. The size and shape of reclamation sites shown on this plan Potential noise impact and development enstraints are hypothetical from the fight path of Government Flying Services assumptions for the (GFS) helicopters. purpose of BTA Potential ecological impacts on Chinese White carried out at the Dolphin habitats, committed Marine Park, SSSI, corresponding stage mangroves, and other ecological/ fisheries of site selection significant/sensitive areas. process only. They Potential development constraints from NEF 25 do not represent any contour for 3rd Airport Runway due to potential future design to be aircraft noise impact. implemented. Potential noise impact to the proposed reclamation site due to the adjacent railway. Civil Engineering and Development Department 大蠔灣 TAI HO WAN Public Engagement - Feasibility Study Opportunities and Constraints for Siu Ho Wan Fig 8

