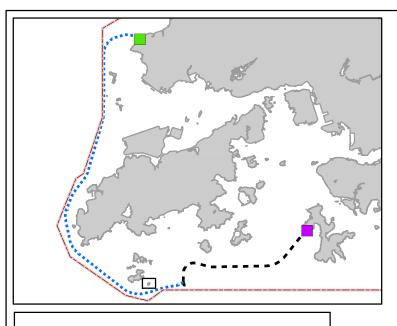


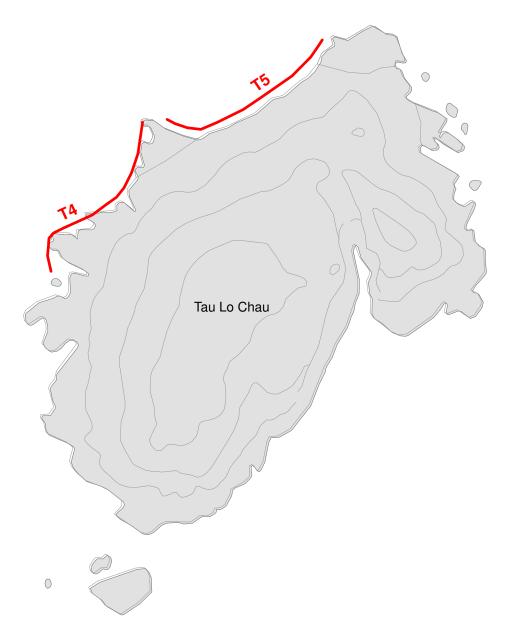
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Legend

- ---- Boundary of HKSAR
- Proposed GRS Location at BPPS
- Proposed GRS Location at LPS
- Proposed Route of BPPS Pipeline
- ---- Proposed Route of LPS Pipeline
- Proposed Site for LNG Terminal







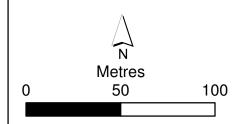
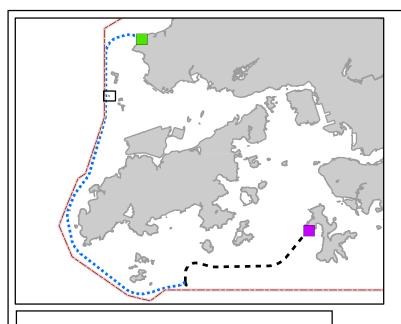


Figure 9C.2

Intertidal Transect Locations for Seasonal Surveys in 2016 and 2017 at Tau Lo Chau





Legend

- Boundary of HKSAR
- Proposed GRS Location at BPPS
- Proposed GRS Location at LPS
- Proposed Route of BPPS Pipeline
- Proposed Route of LPS Pipeline
- Proposed Site for LNG Terminal







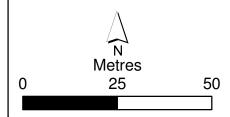
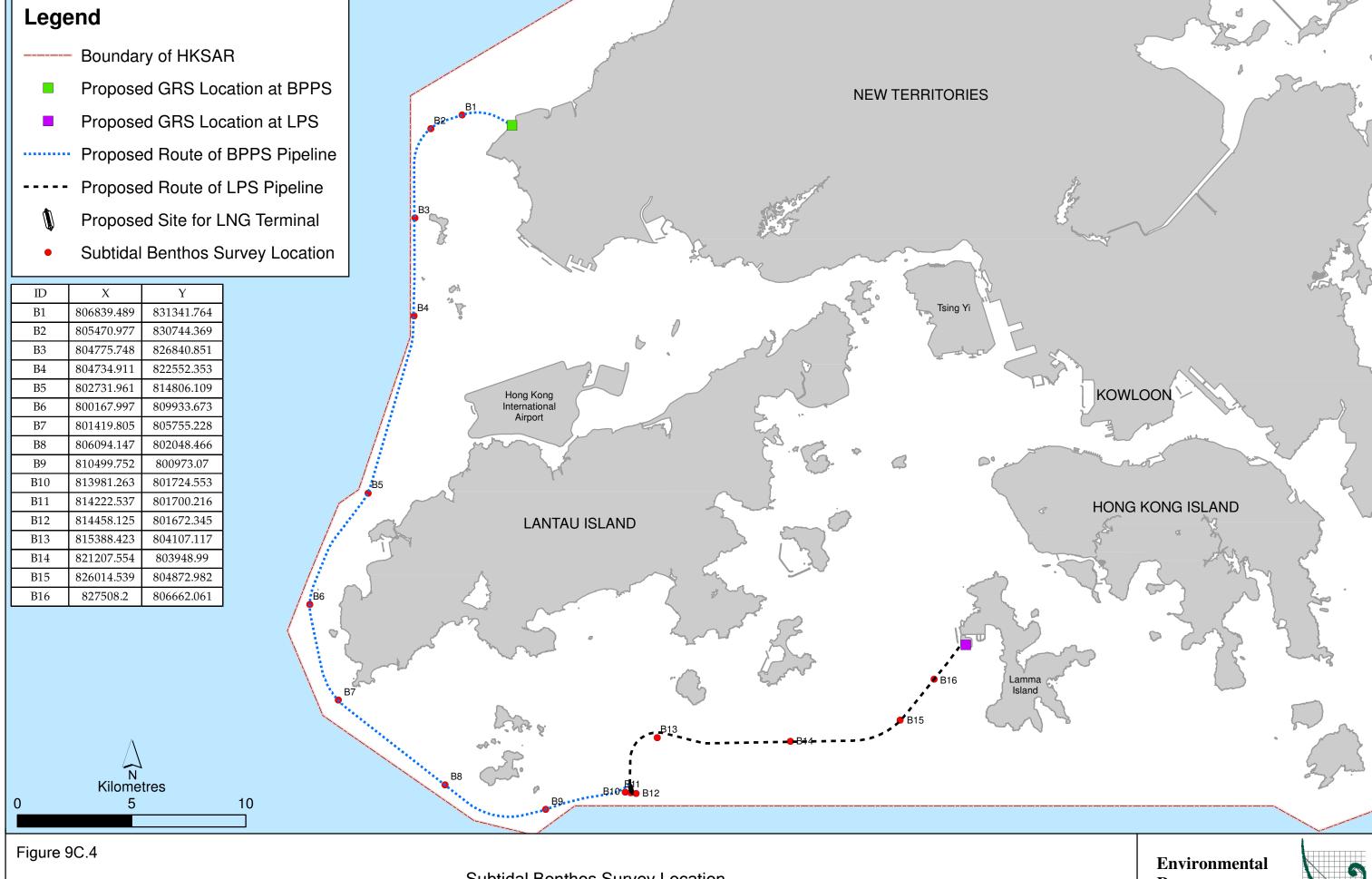


Figure 9C.3

Intertidal Transect Locations for Seasonal Surveys in 2016 and 2017 at Pak Chau

Environmental Management



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Subtidal Benthos Survey Location



Legend ---- Boundary of HKSAR **NEW TERRITORIES** Proposed GRS Location at BPPS Proposed GRS Location at LPS Proposed Route of BPPS Pipeline Proposed Route of LPS Pipeline Proposed Site for LNG Terminal Dive Survey Location Tsing X Υ Name 803159 816227 800505 807880 Hong Kong D 805204 802733 International F1 817646 803863 Airport F2 820903 803935 F3 825043 804205 F4 826219 805075 **HONG KONG ISLAND LANTAU ISLAND** Lamma Island F3 F2 F1

Figure 9C.5

2.5

Environmental Resources Management



10

Kilometres

5



Large boulders from the Seawall with a thin layer of sediment and some bryozoans



Large boulders from the Seawall with *Balanophyllia* sp. and bryozoans



Paches of *Balanophyllia* sp. Recorded on boulders



Oulastrea crispata partialy covered by sediment



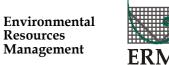
Tubastrea / Dendrophyllia sp. found on the boulders of the seawall



Alive and dead colonies of *Echinomuricea* sp.

Figure 9C.6

 $Representative\ Photographic\ Records\ of\ Seabed\ and\ Corals\ taken\ during\ the\ Subtidal\ Dive\ Survey\ at\ LPS$





Natural boulders with shells and mud in between



Continuous bedrocks with bryozoans, sponges, sea anemone sand bivalves



Bedrock covered with barnacles and thin layer of silt



Dendronephthya sp. found on boulders



Menella sp. / Paraplexaura sp. recorded on the bed rock



Small colonies of *Echinomuricea* sp. observed on bedrock with shells

Figure 9C.7

Representative Photographic Records of Seabed and Corals taken during the Subtidal Dive Survey at Tau Lo Chau







Natural boulders with barnacles



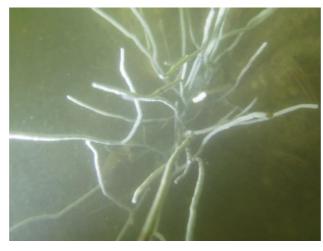
Sand, rubble and shells fragments recorded in between bedrocks and boulders



Some Guaiagorgia sp. with partial mortality and covered with thin layer of sediment



Guaiagorgia sp. observed in the crevices of the boulders



Guaiagorgia sp. observed on the bed rock



Patches of Balanophyllia sp. and barnacles observed on bedrock



Natural boulders with Guaiagorgia sp.



Guaiagorgia sp. Observed in the cervices of the boulders



Some *Guaiagorgia* sp. covered with thin layer of sediment and showed partial mortality



Guaiagorgia sp. found on bed rocks



Most *Guaiagorgia* sp. observed to be healthy on the bed rock



Patches of *Balanophyllia* sp. observed on bedrock in between *Guaiagorgia* sp.



Muddy substratum with shell fragments (Transect B)



Muddy substratum along Transect C



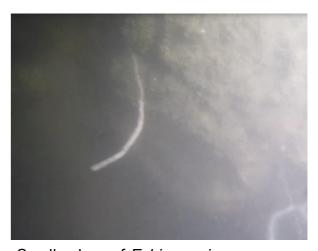
Muddy substratum at Transect D



Muddy substratum at Transect F2

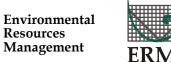


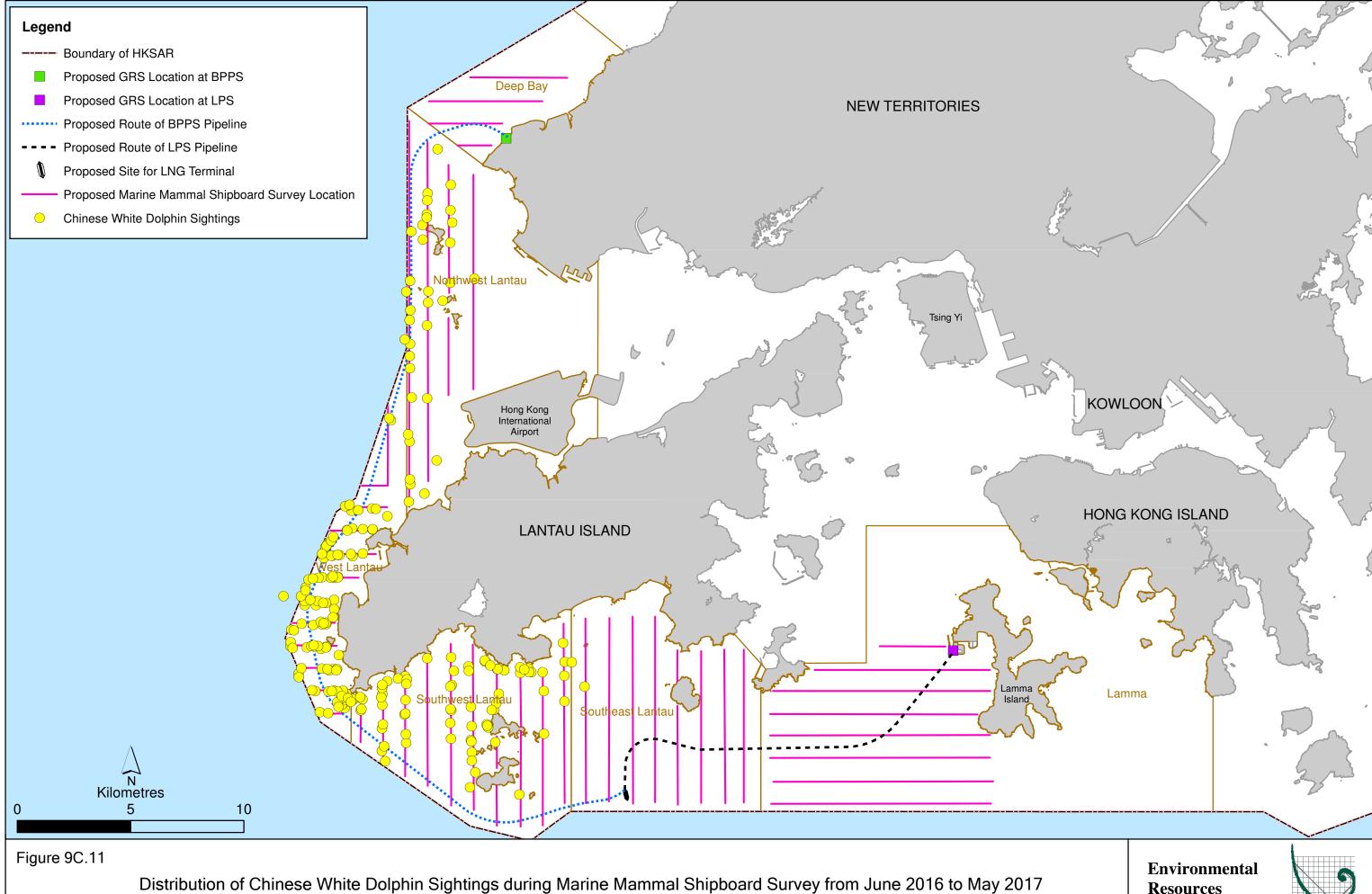
Small colony of *Echinomuricea* sp. observed on the isolated small boulders (Transect F1)



Small colony of *Echinomuricea* sp. Observed on boulders (Transect F3)

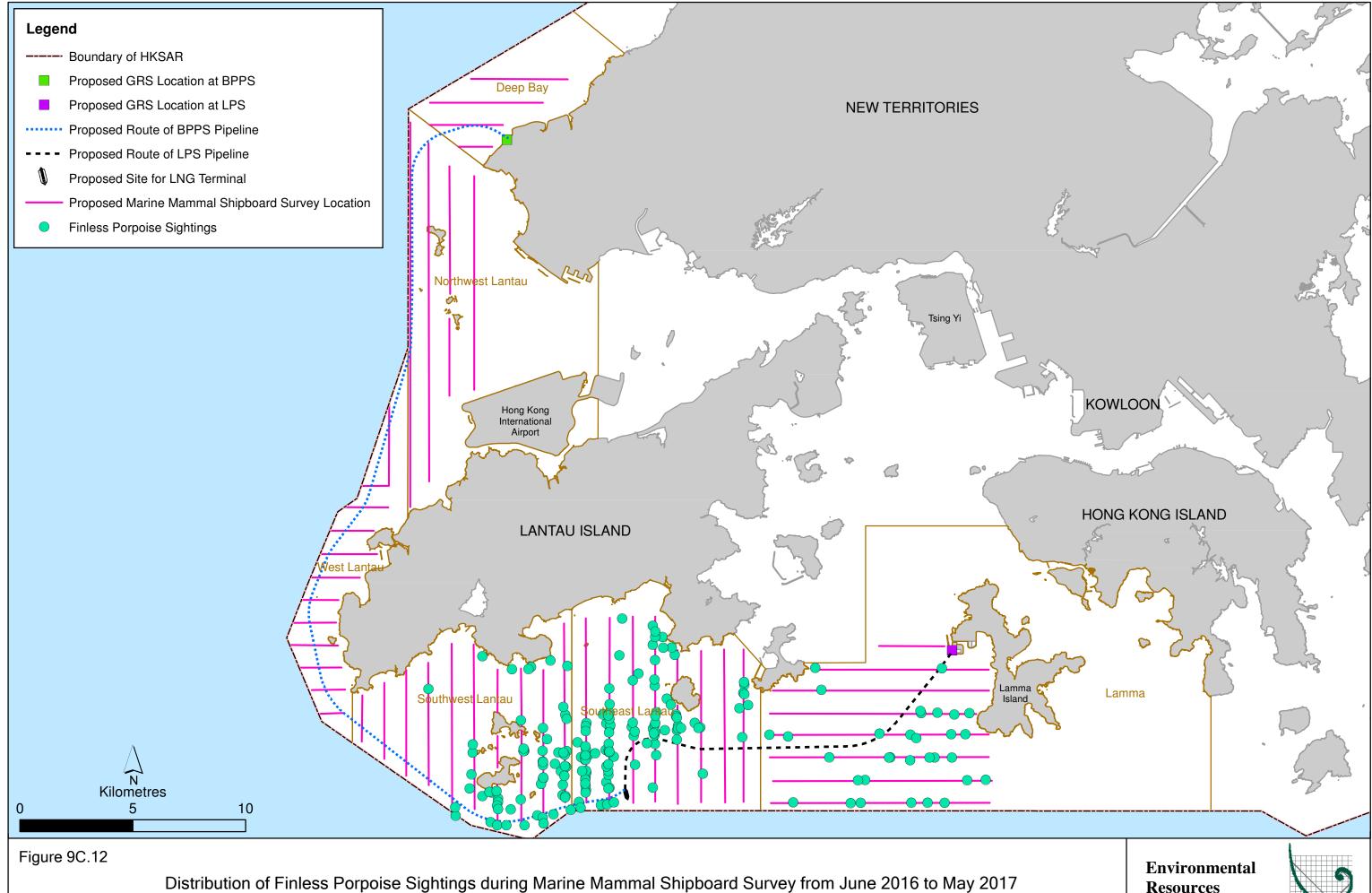






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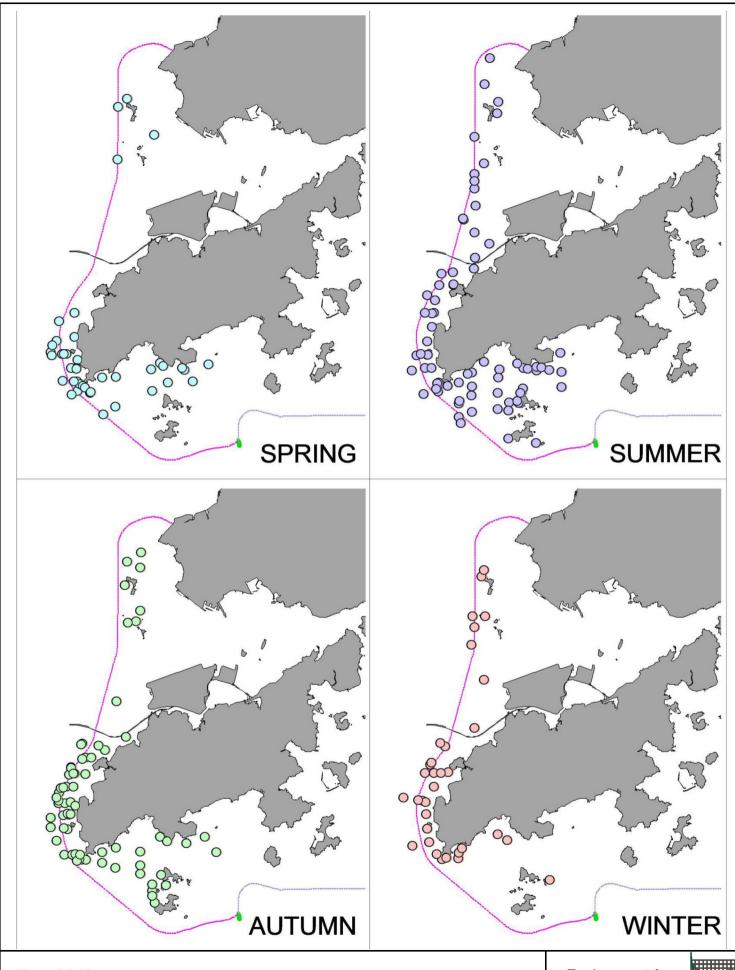


Figure 9C.13 Distribution of Chinese White Dolphin Sightings among different seasons During Marine Mammal Shipboard Surveys from June 2016 to May 2017



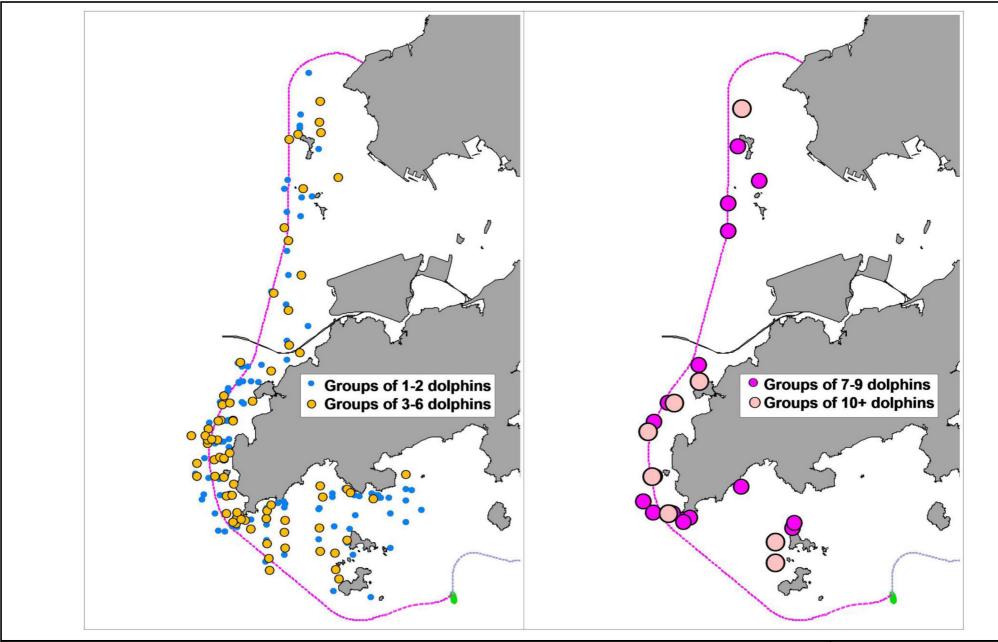
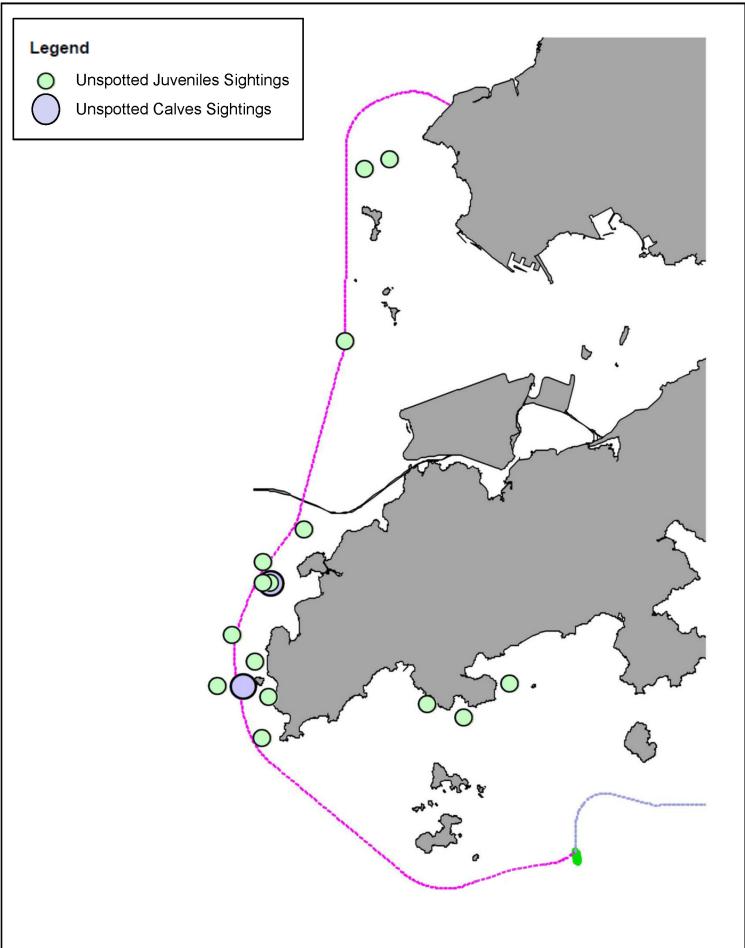
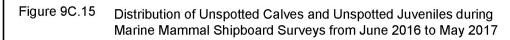


Figure 9C.14







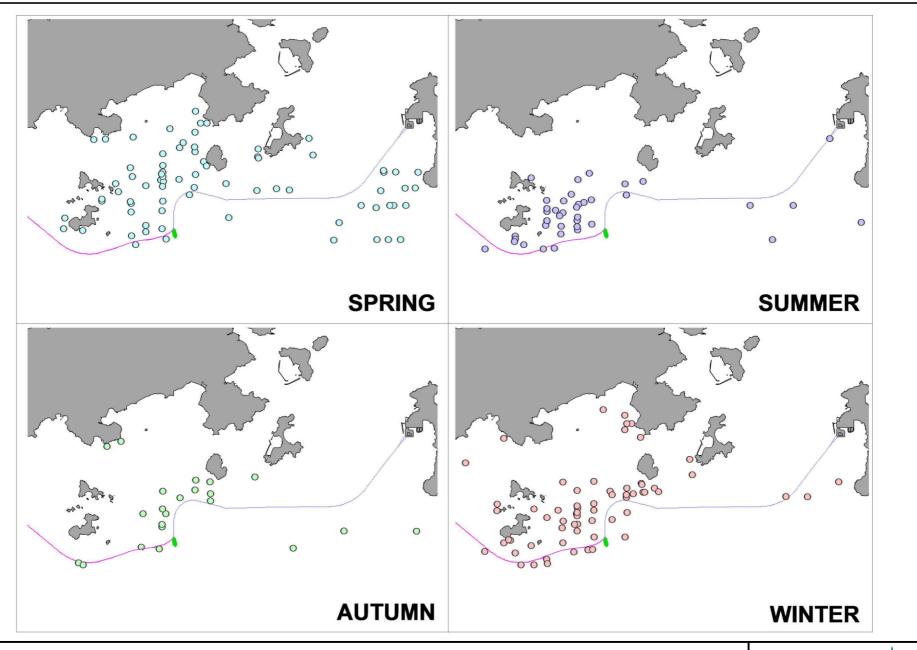


Legend Sightings with feeding activity Sightings with socializing activity Sightings with traveling activity Sightings with resting/ milling activity

Figure 9C.16 Distribution of Chinese White Dolphin Engaged in Feeding, Socializing, Traveling and Resting/ Milling Activities during Marine Mammal Shipboard Survey from June 2016 to May 2017

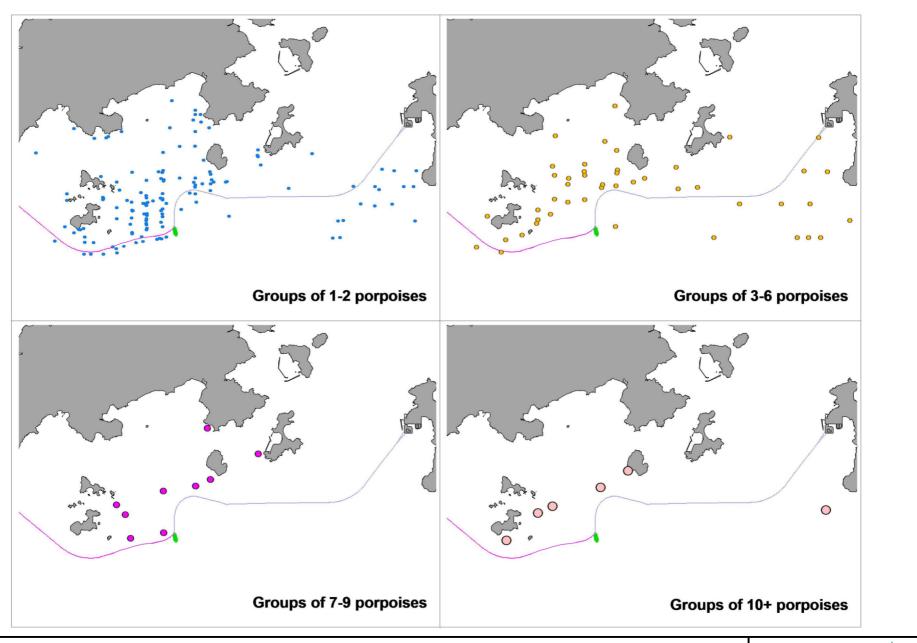






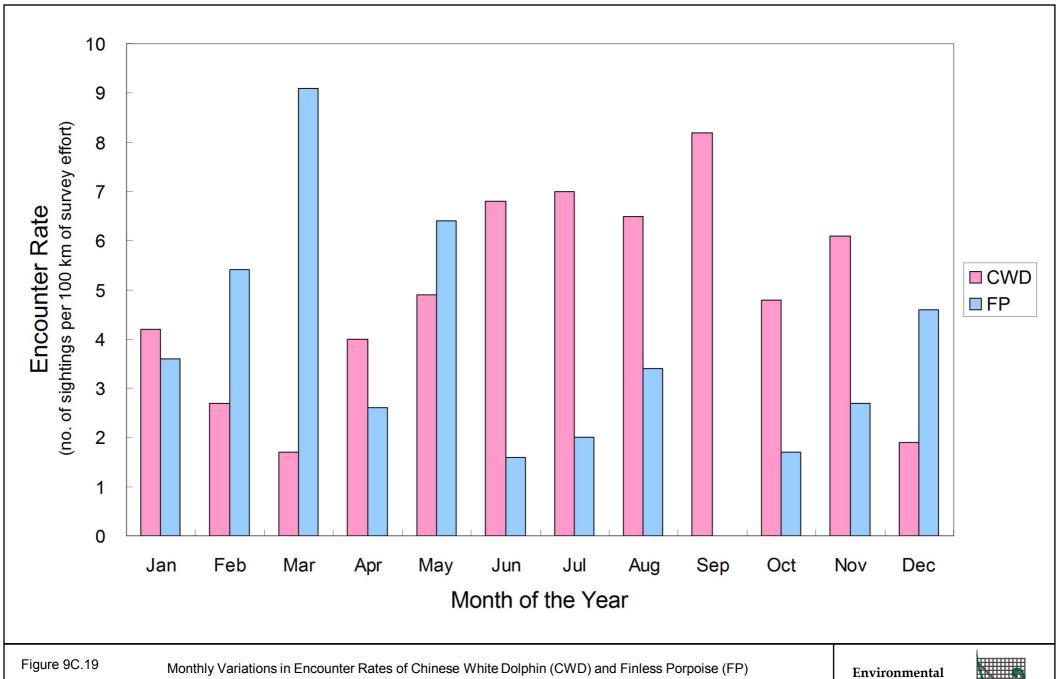




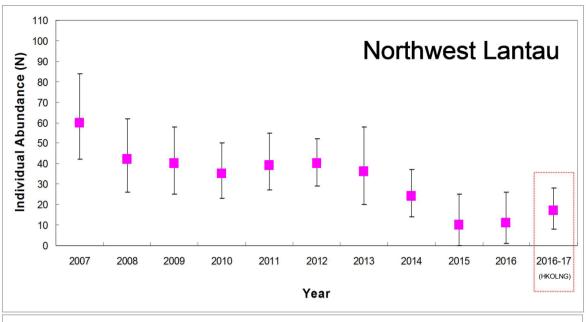


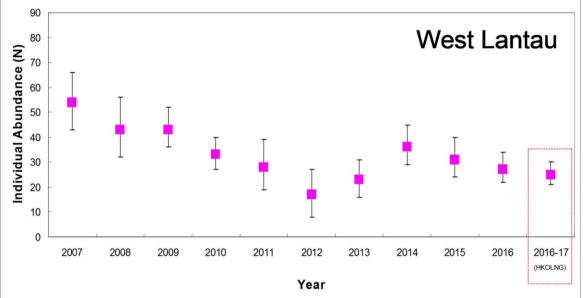






during Marine Mammal Shipboard Survey from June 2016 to May 2017





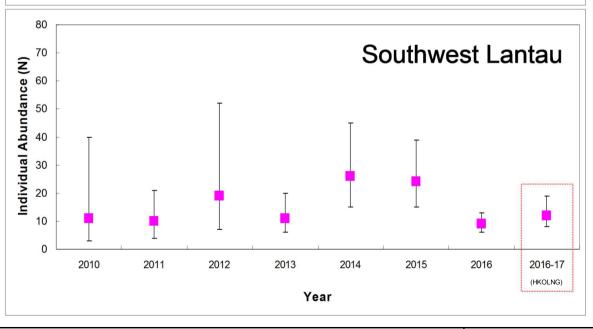
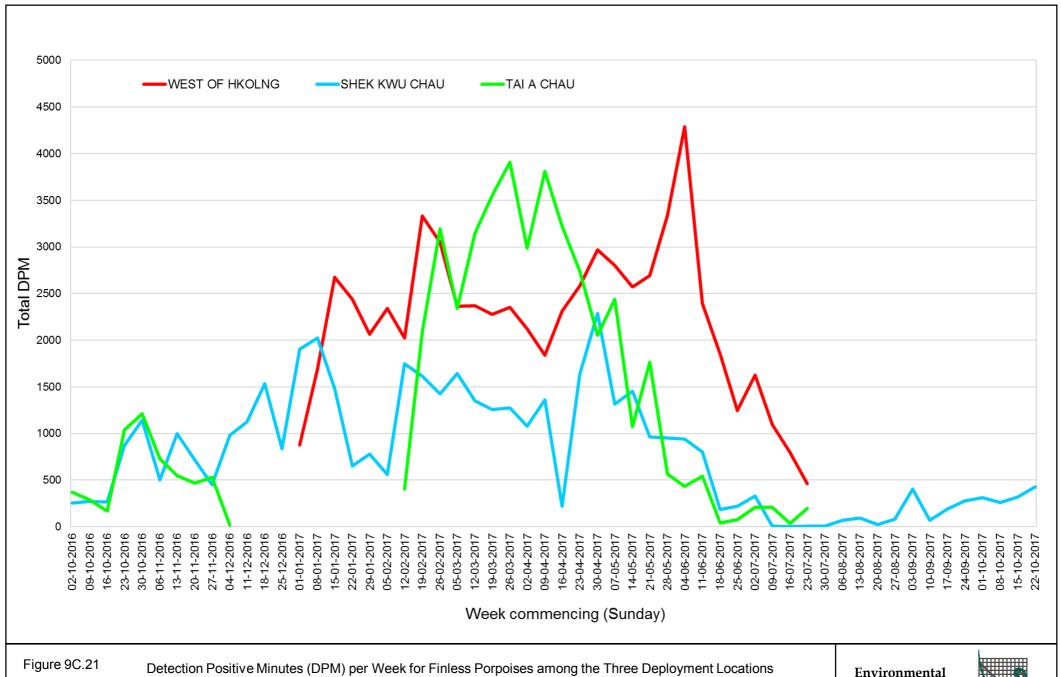


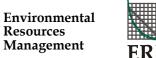
Figure 9C.20

Temporal Trends in Annual Abundance Estimates of Chinese White Dolphin in NWL, WL and SWL in the Past Decade in Comparison with the Estimates during Marine Mammal Shipboard Surveys from June 2016 to May 2017





From October 2016 to October 2017



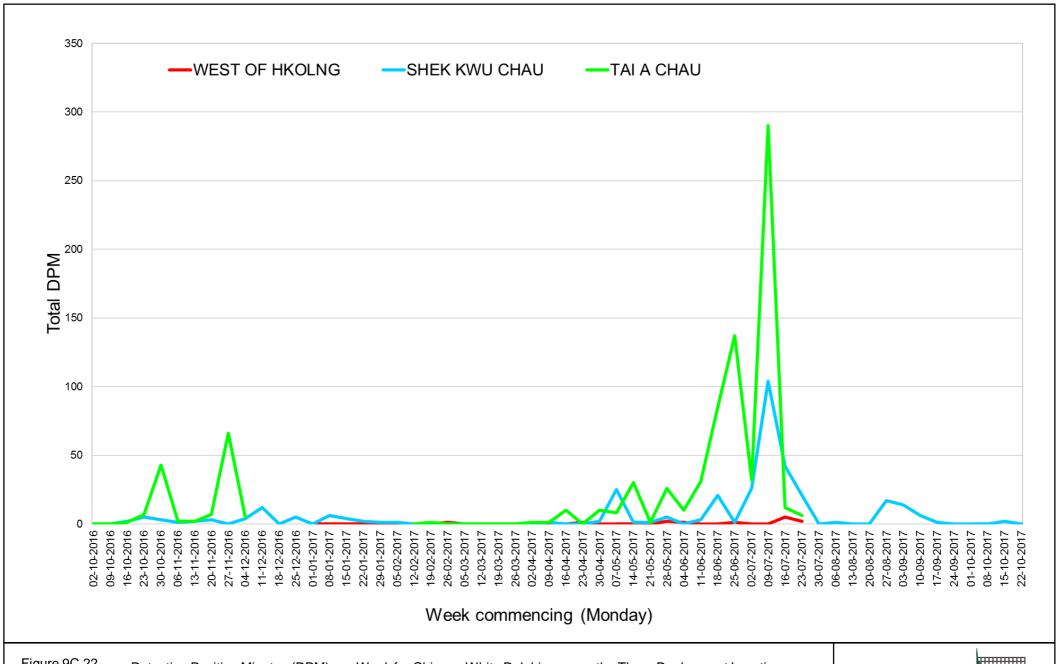
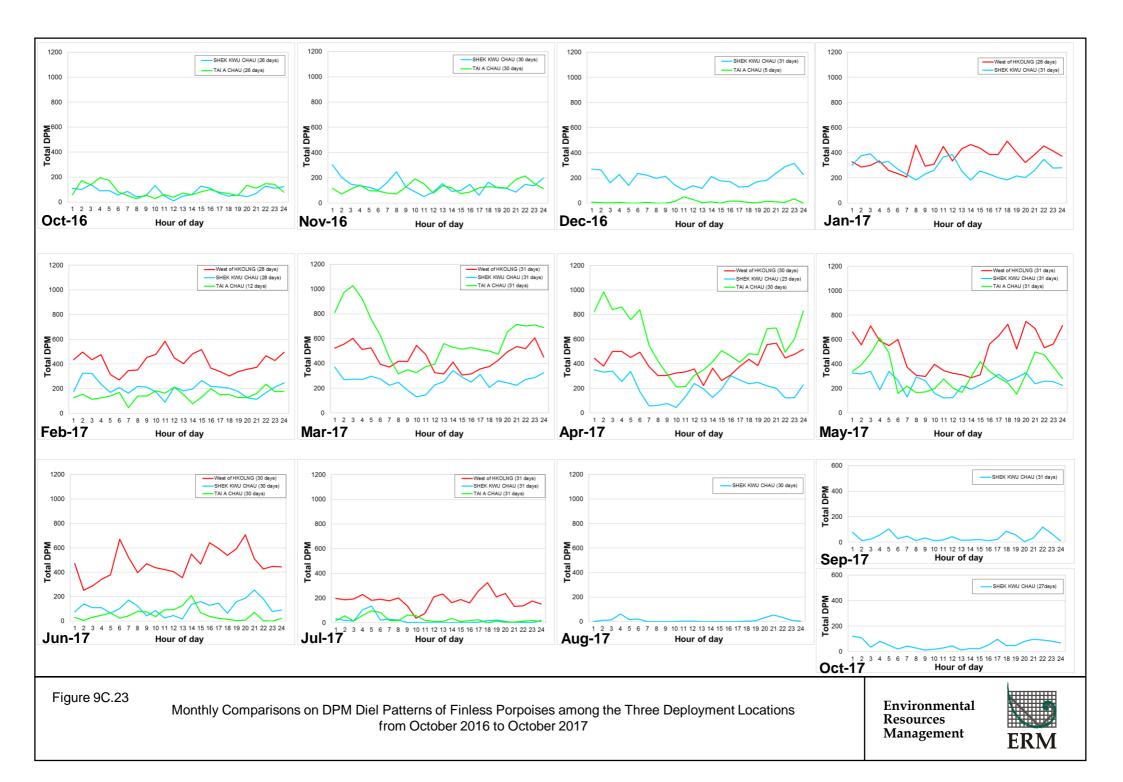
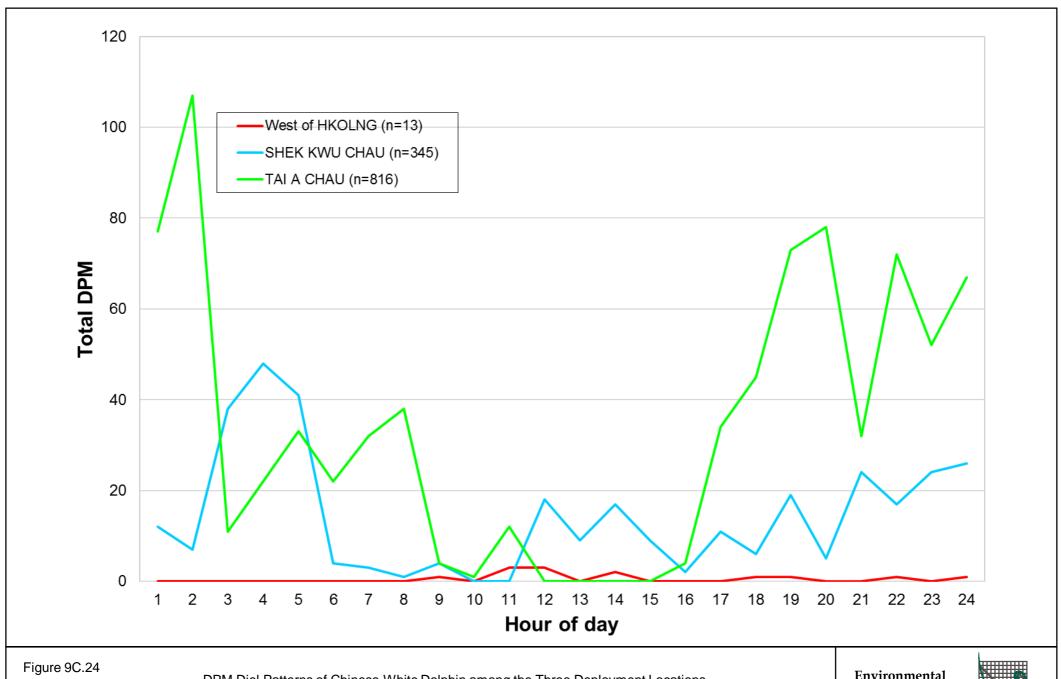


Figure 9C.22 Detection Positive Minutes (DPM) per Week for Chinese White Dolphin among the Three Deployment Locations
From October 2016 to October 2017



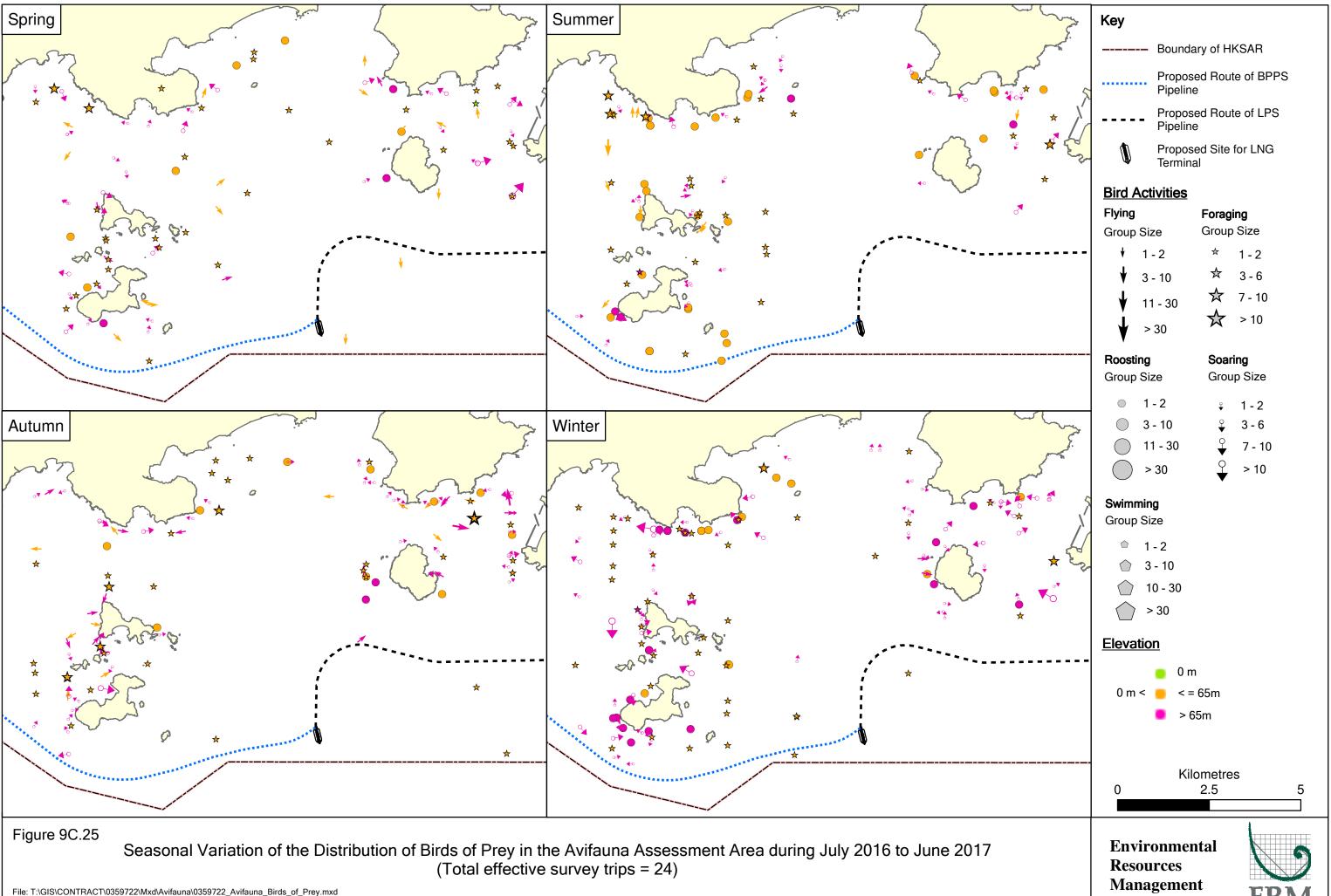






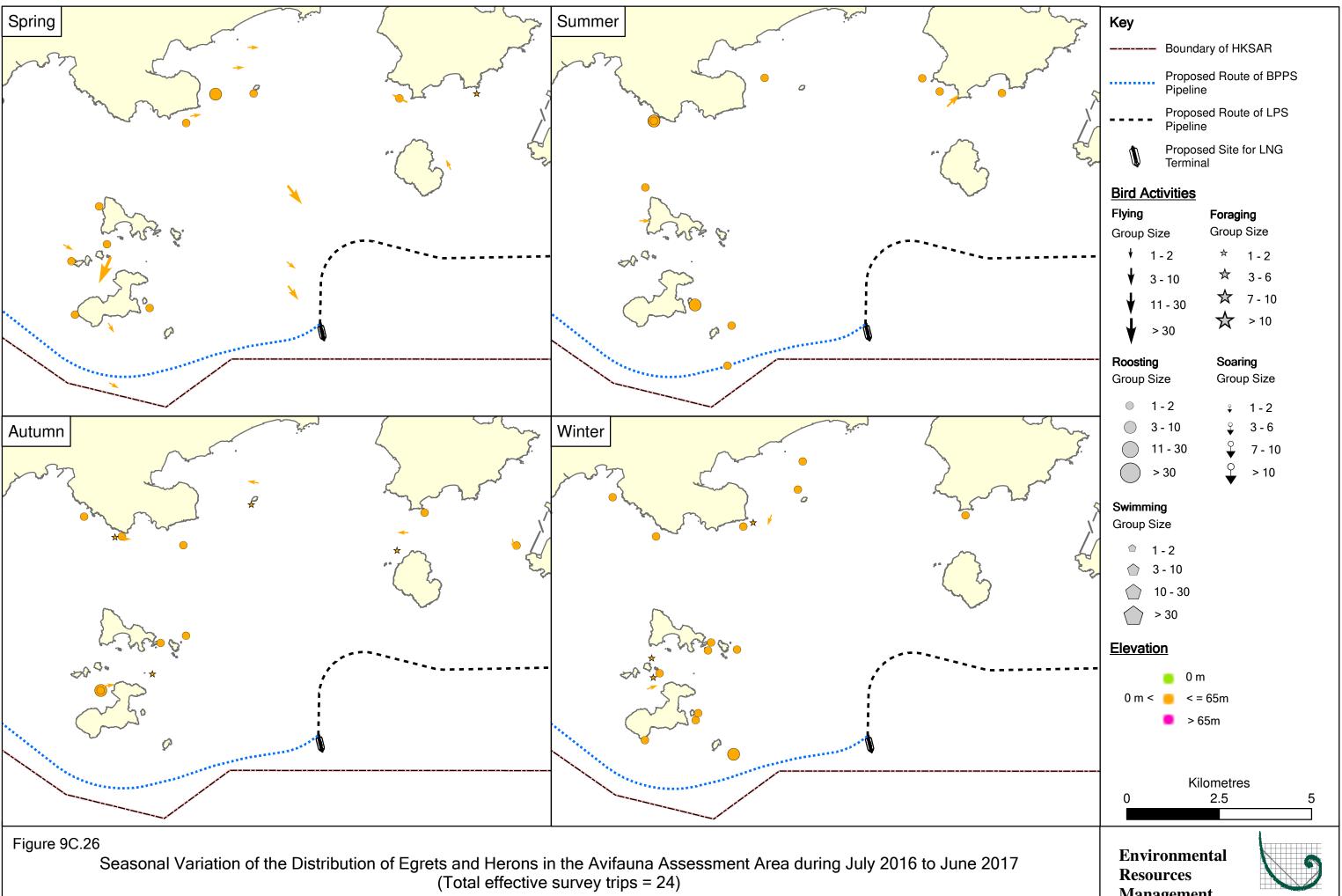
DPM Diel Patterns of Chinese White Dolphin among the Three Deployment Locations from October 2016 to October 2017





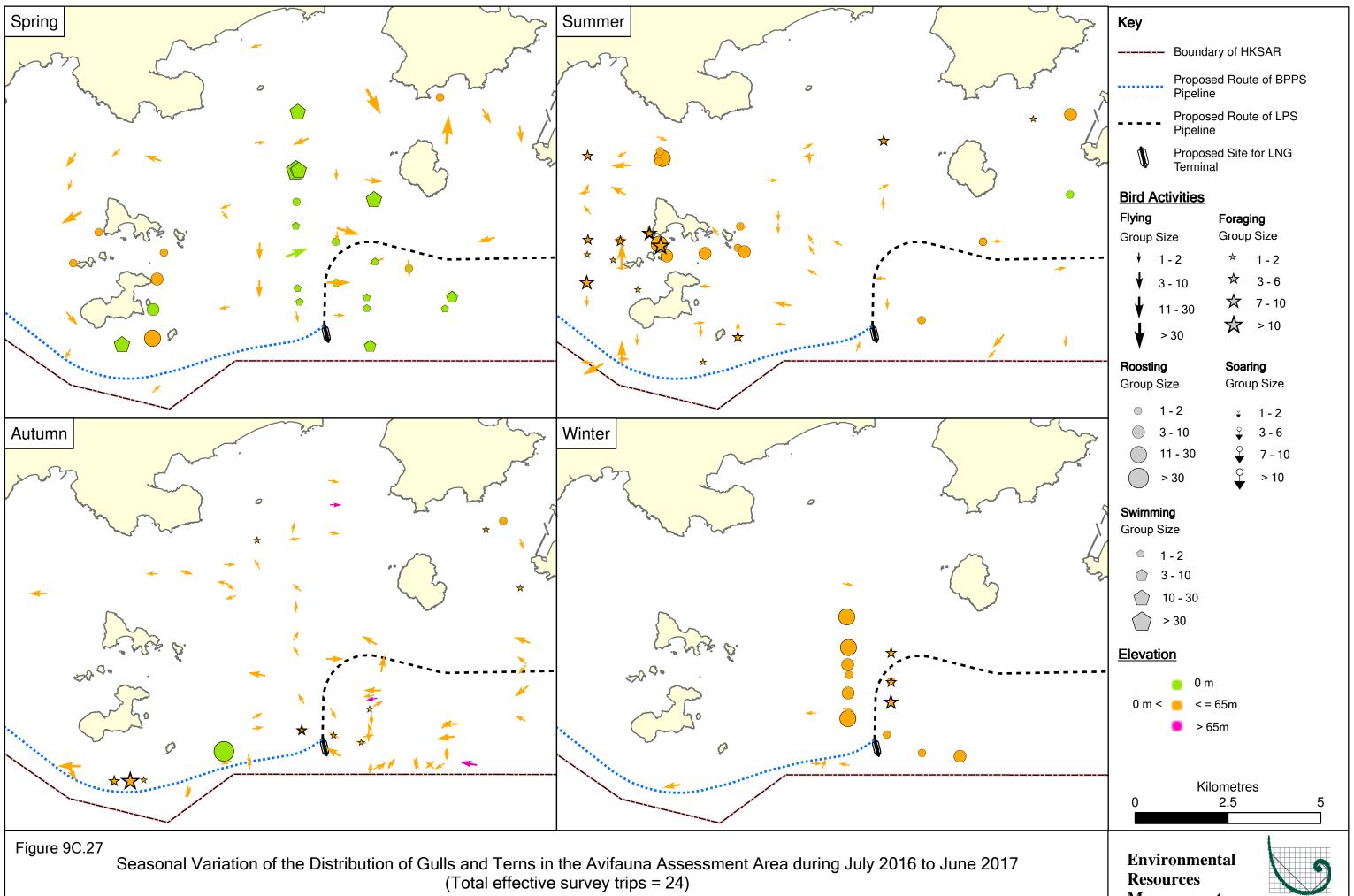
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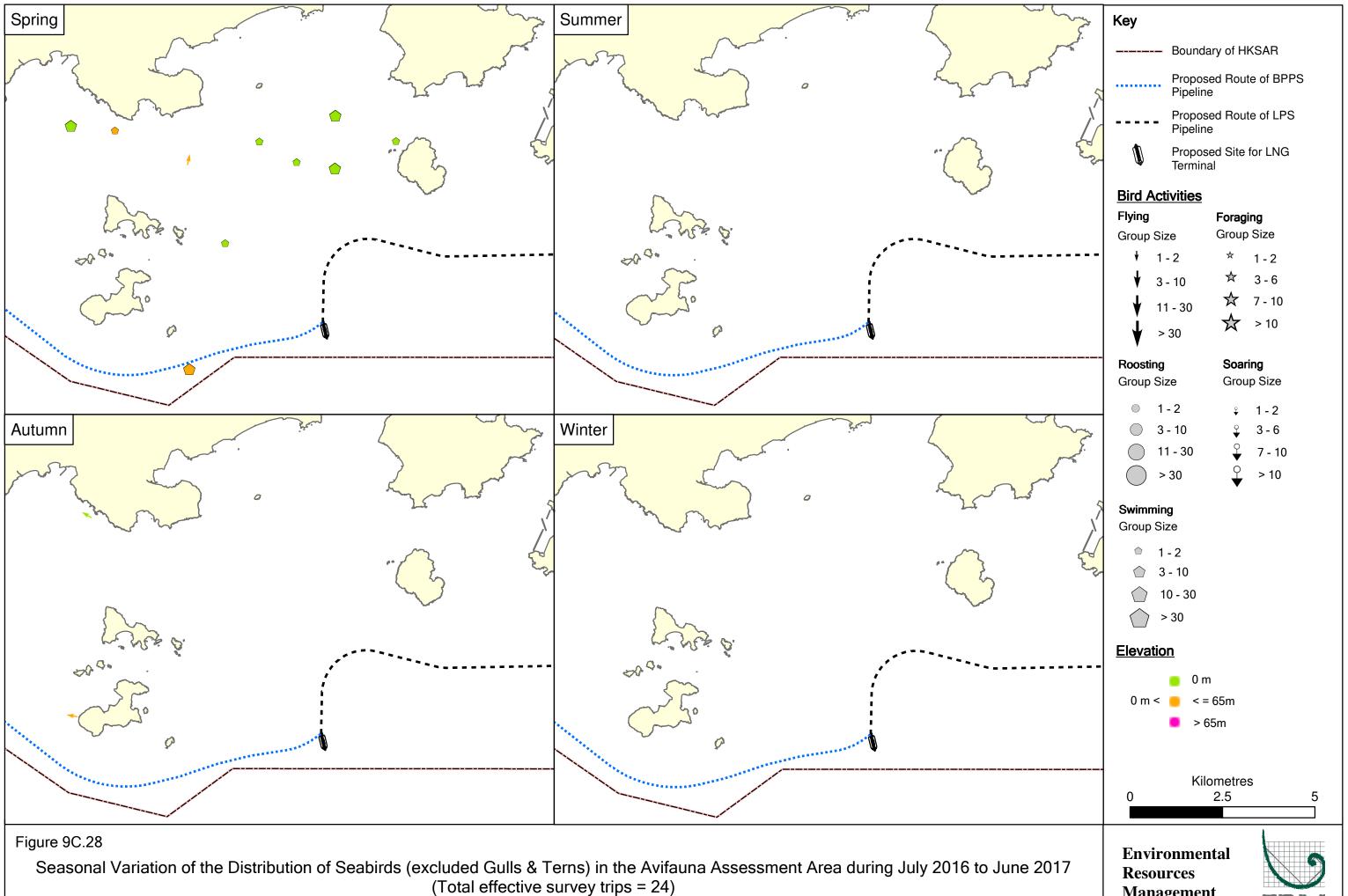
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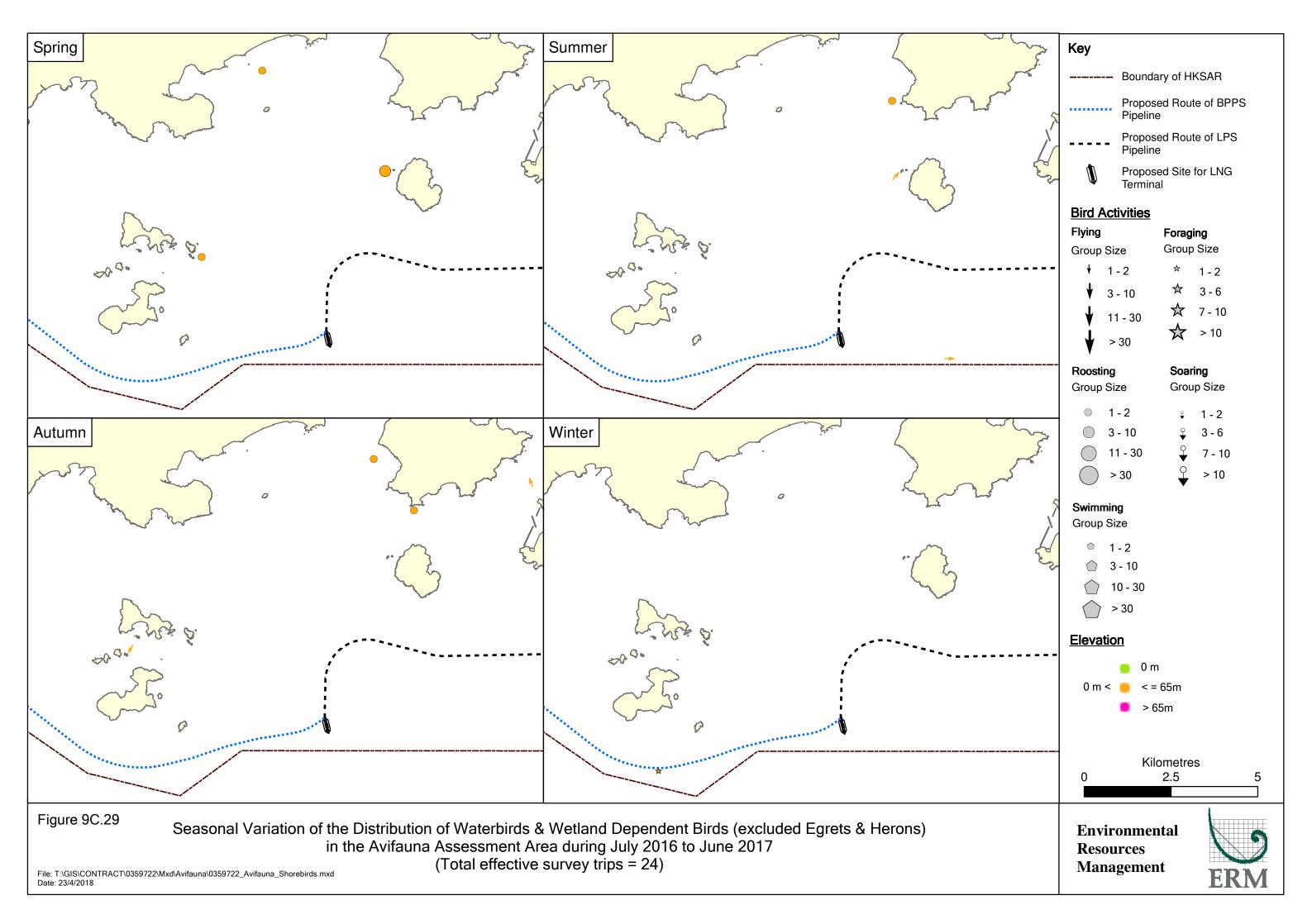
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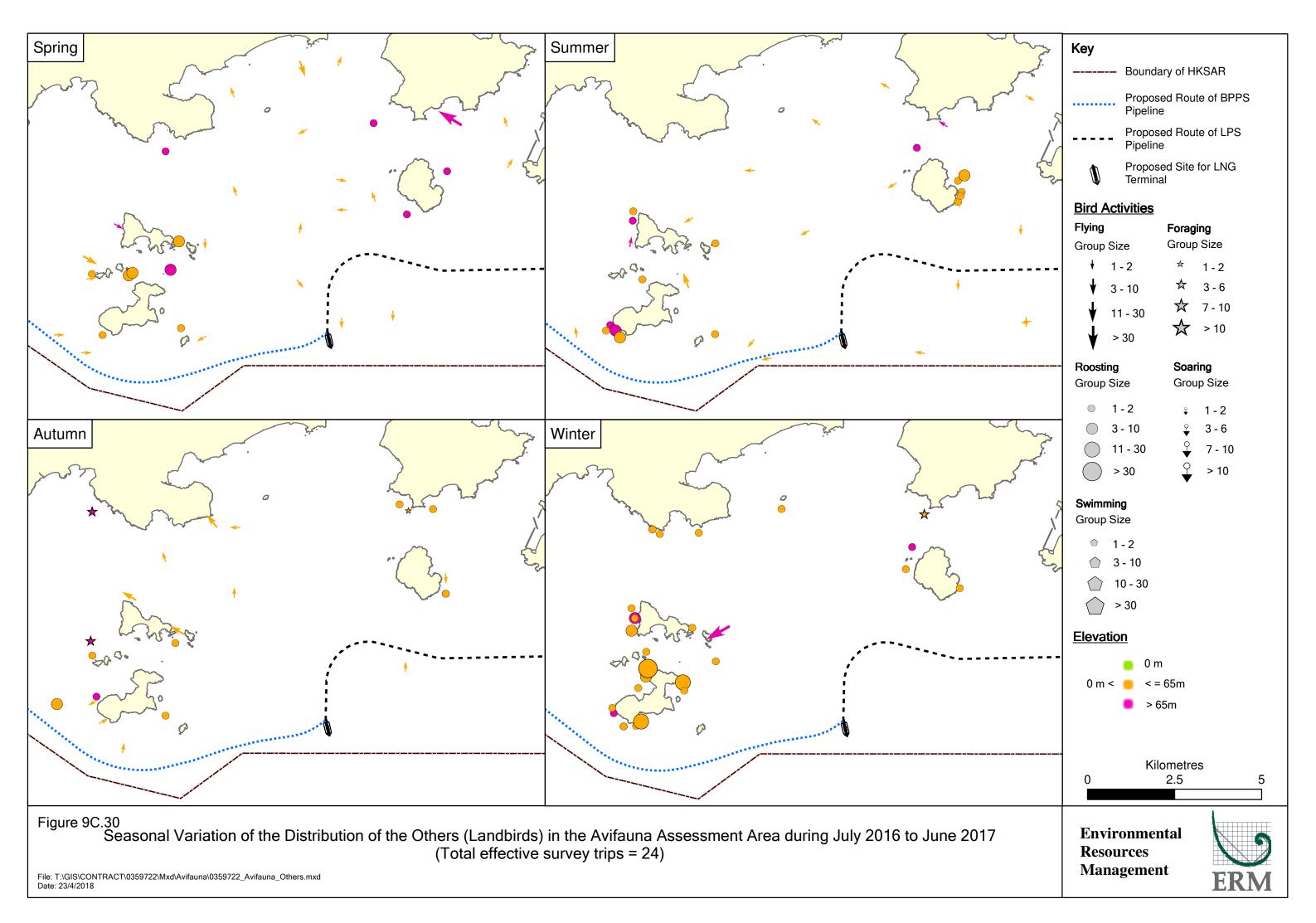




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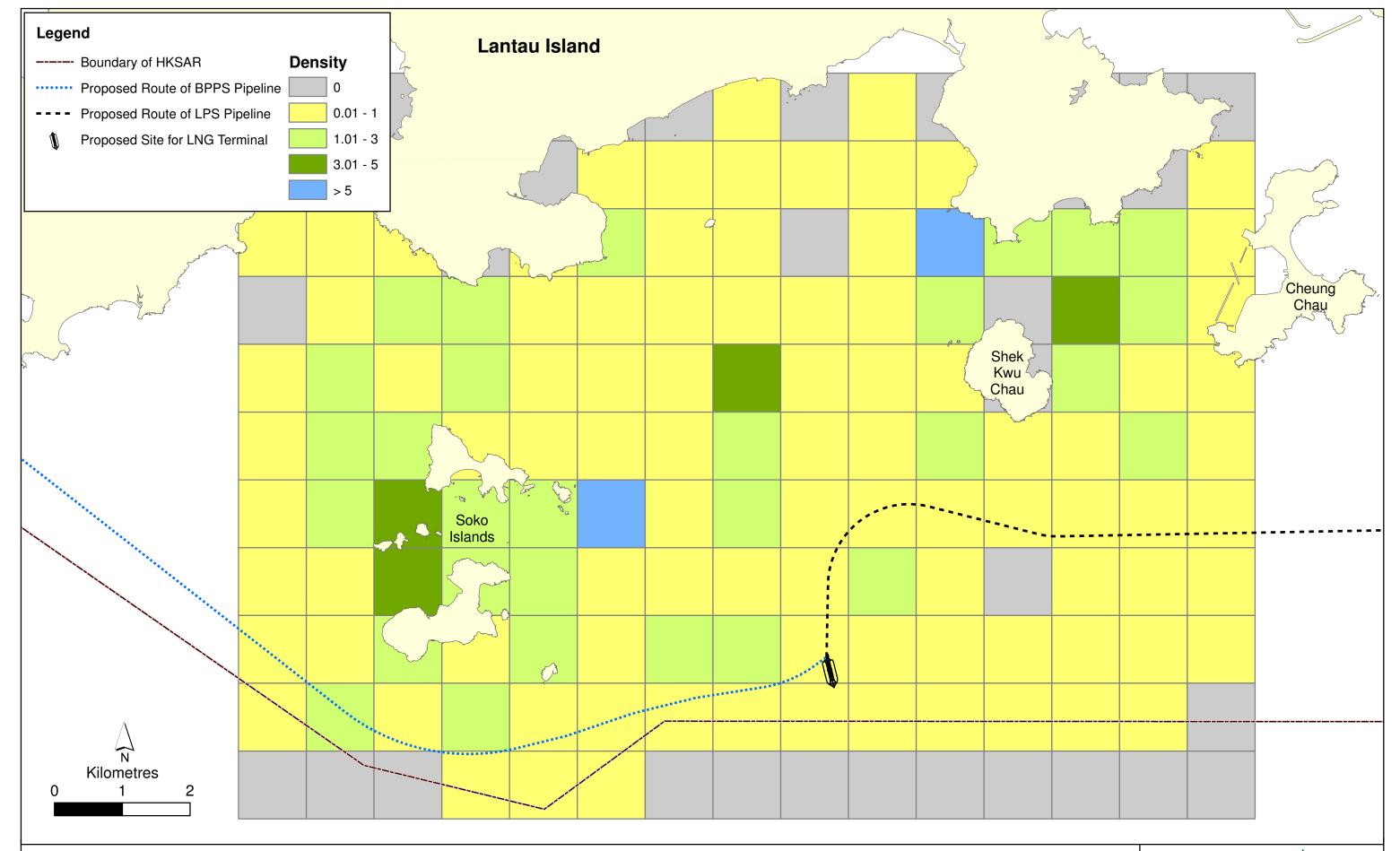


Figure 9C.31

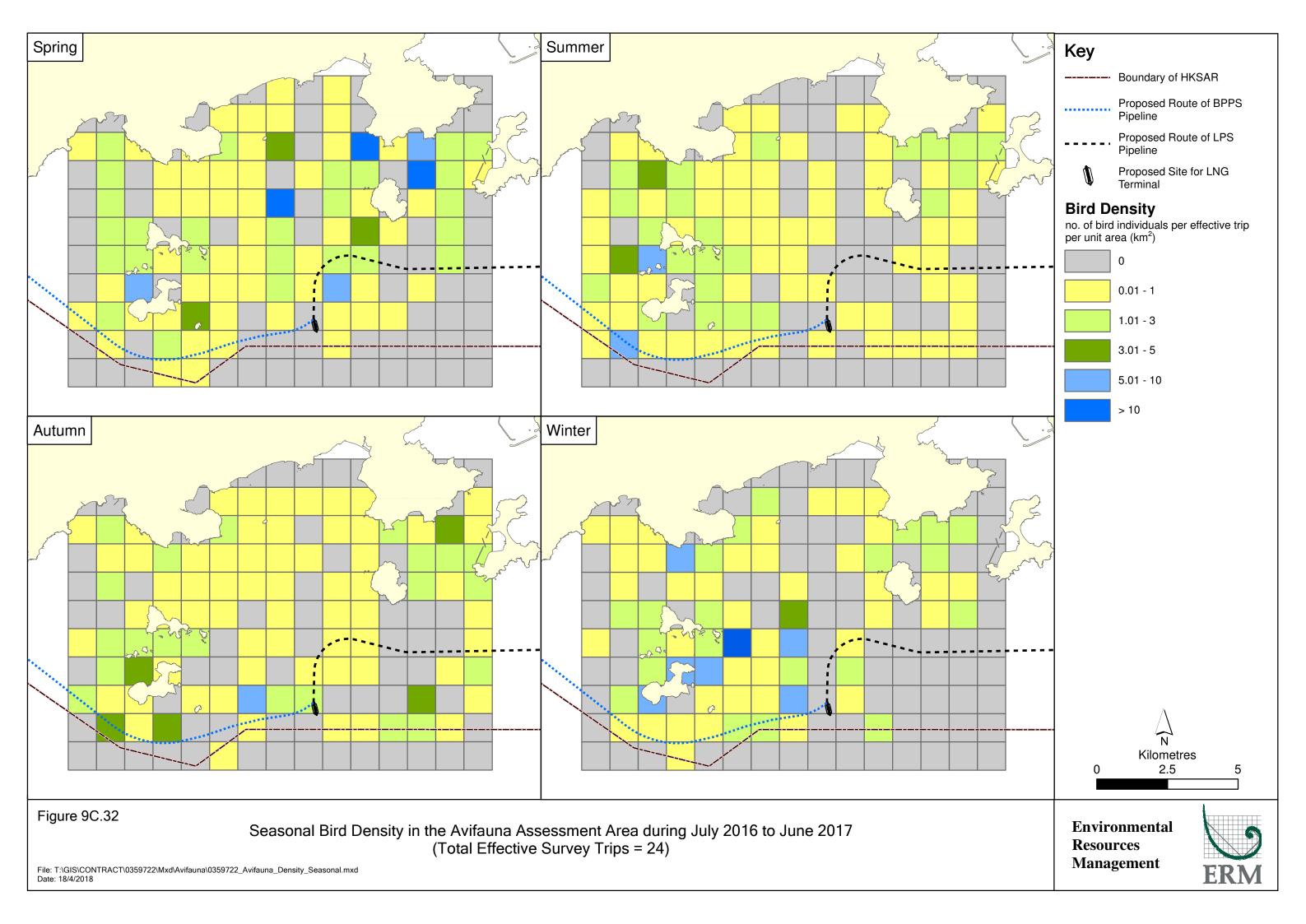
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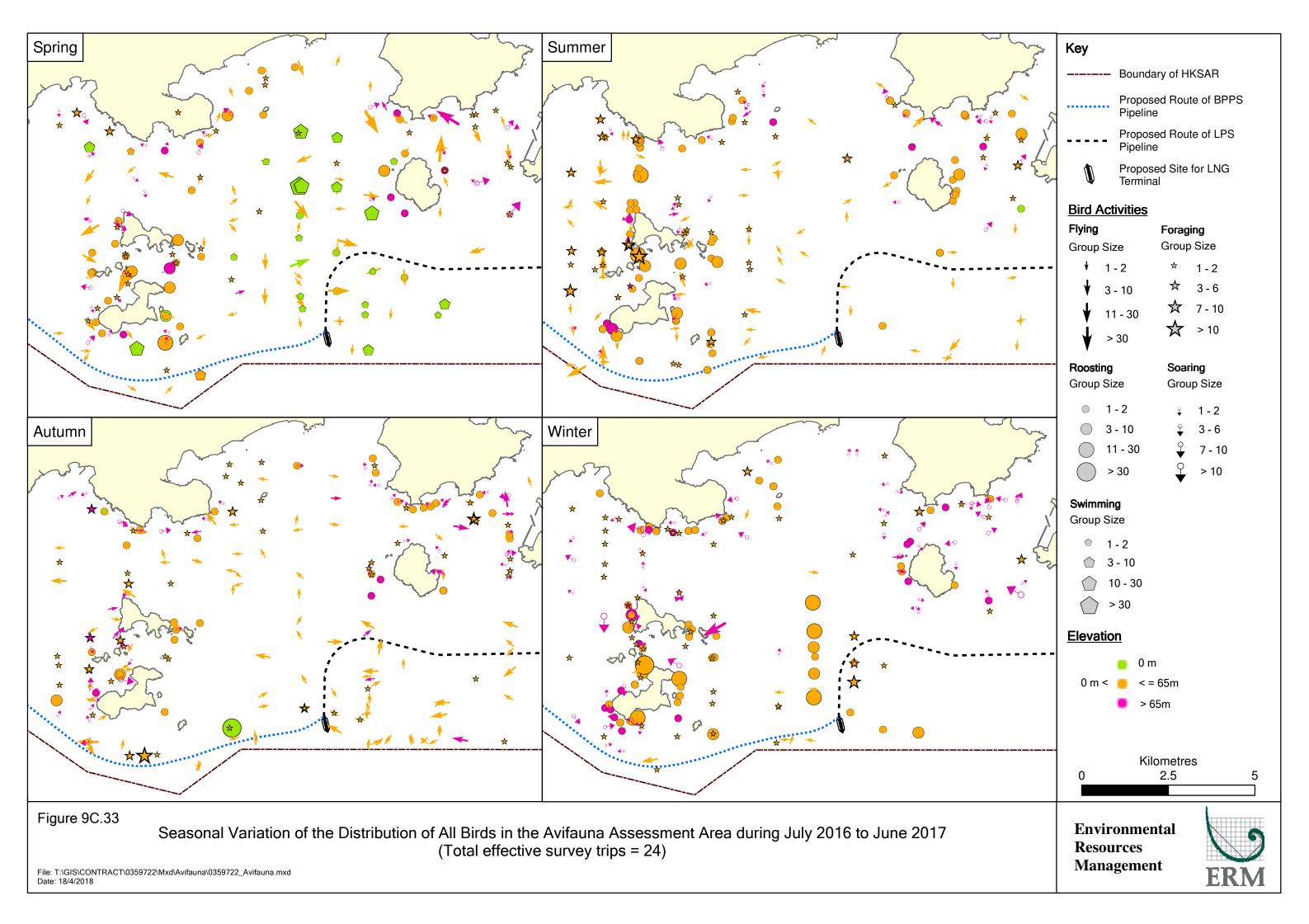
Environmental Resources Management

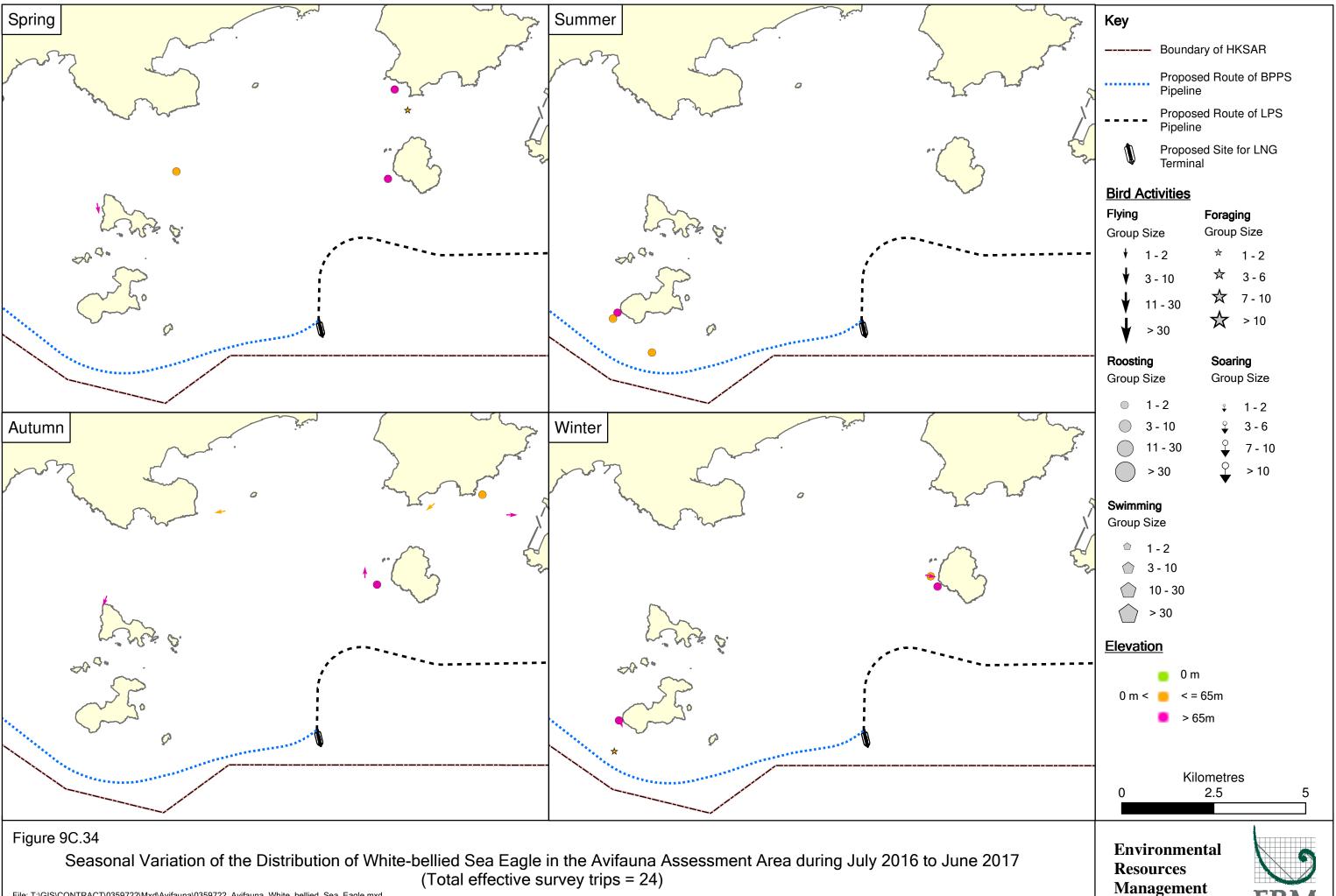


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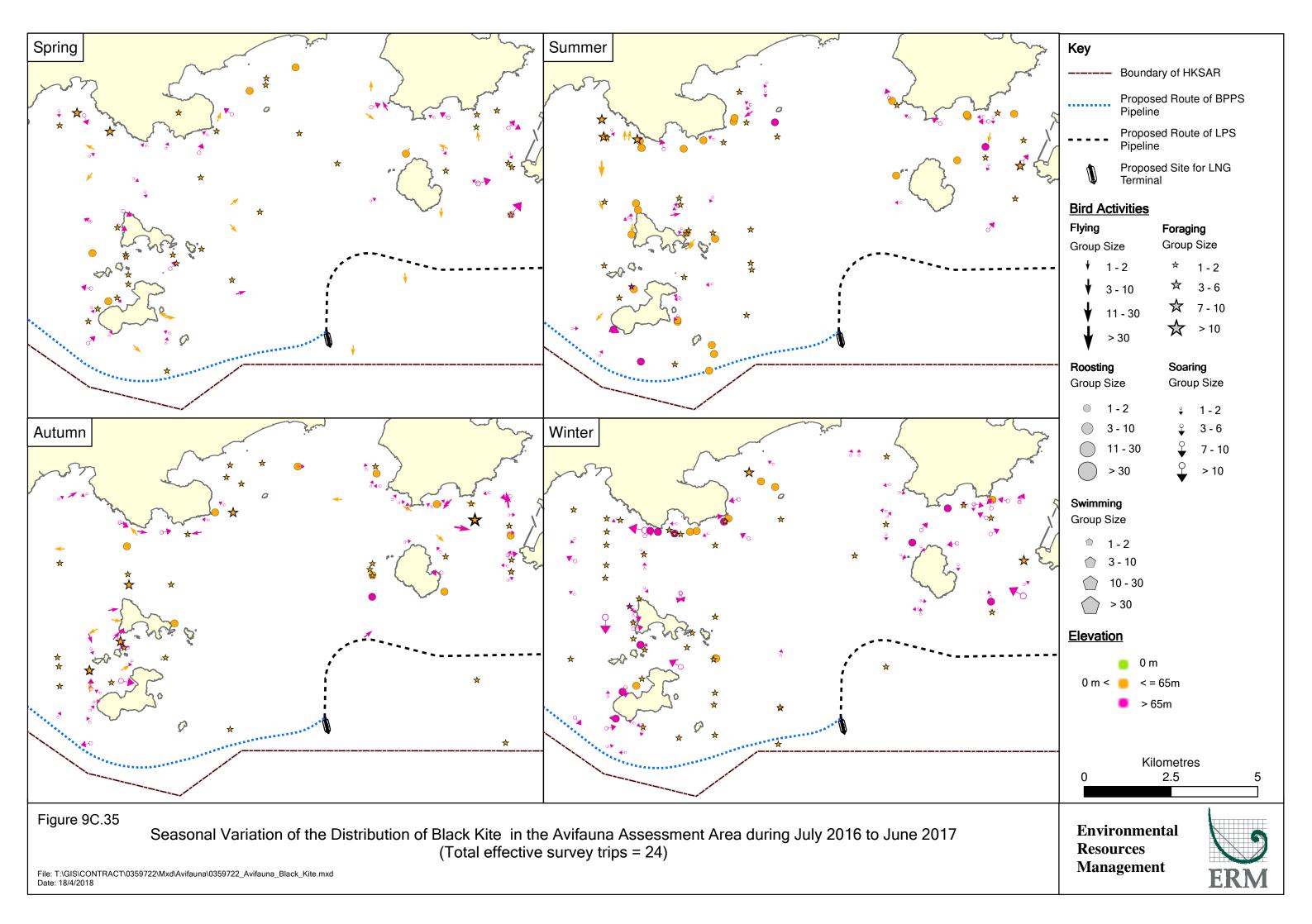


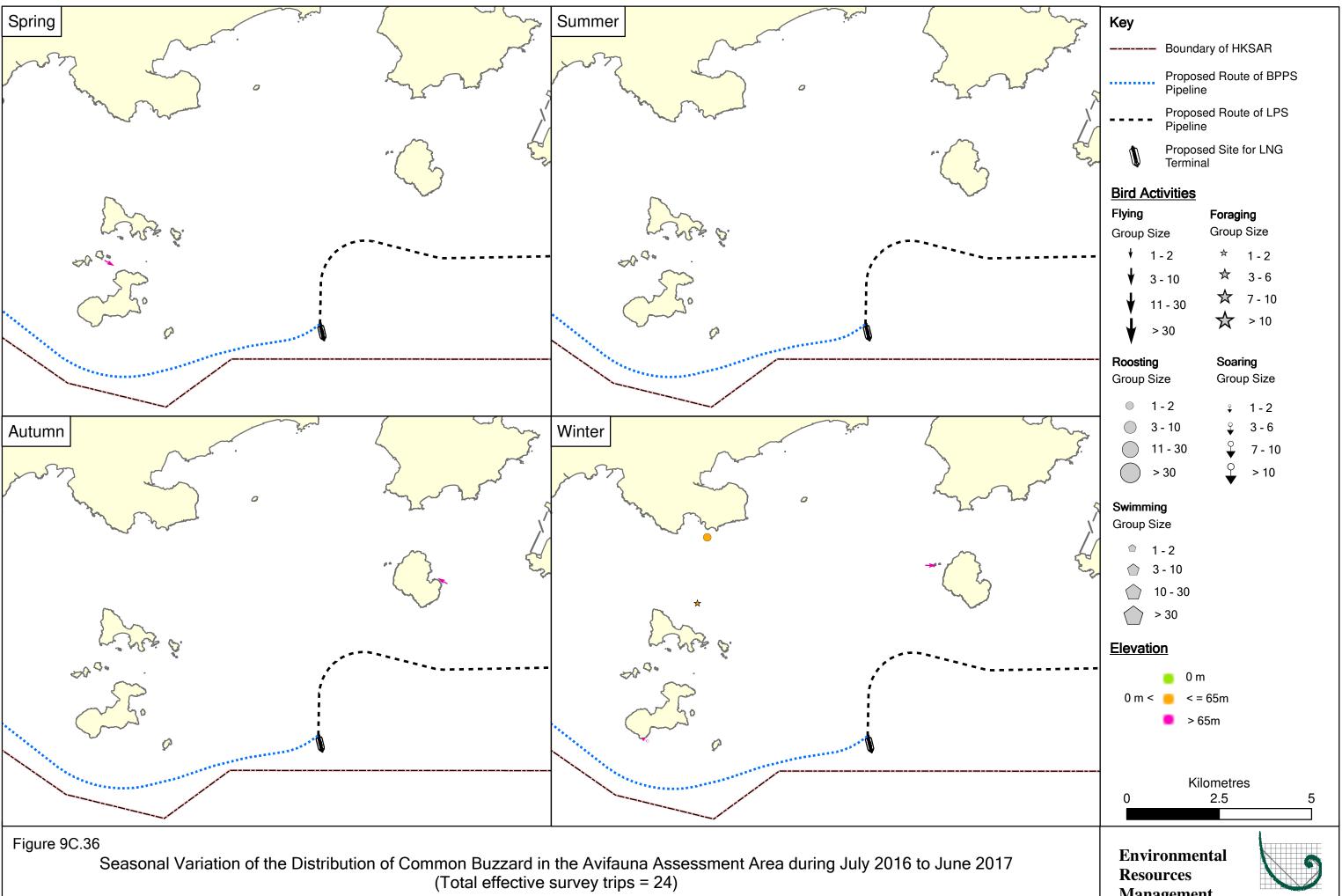




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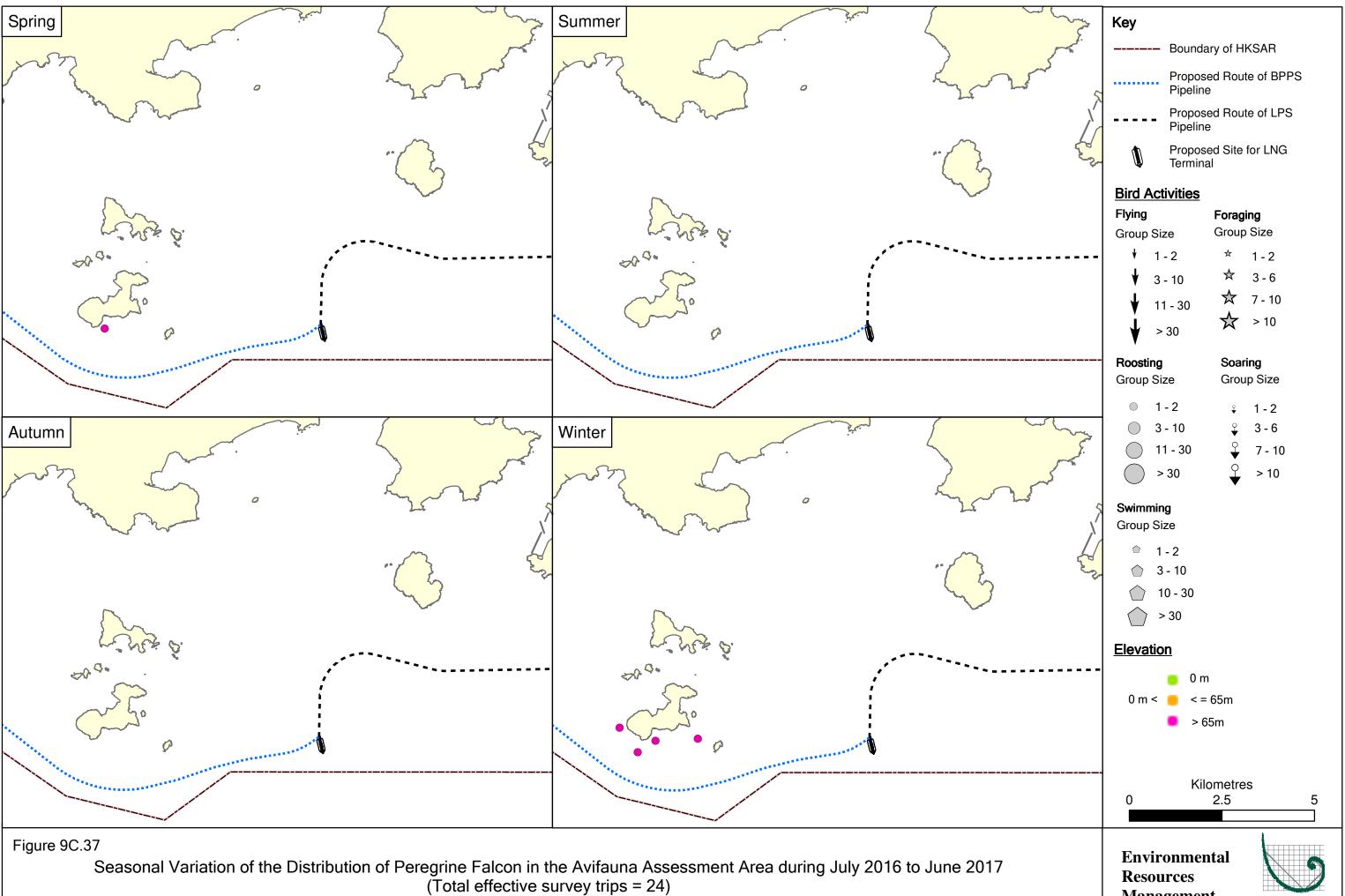






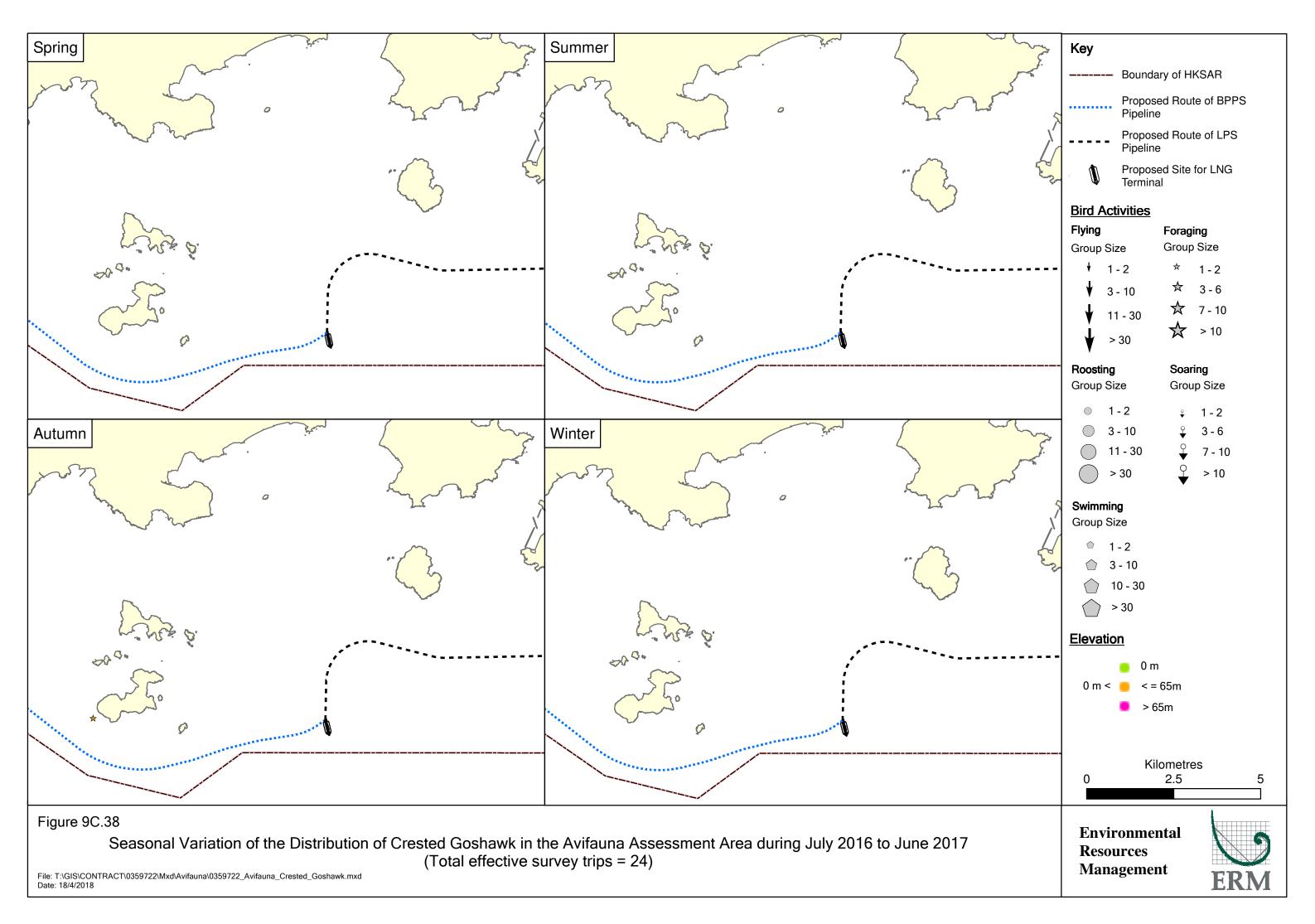
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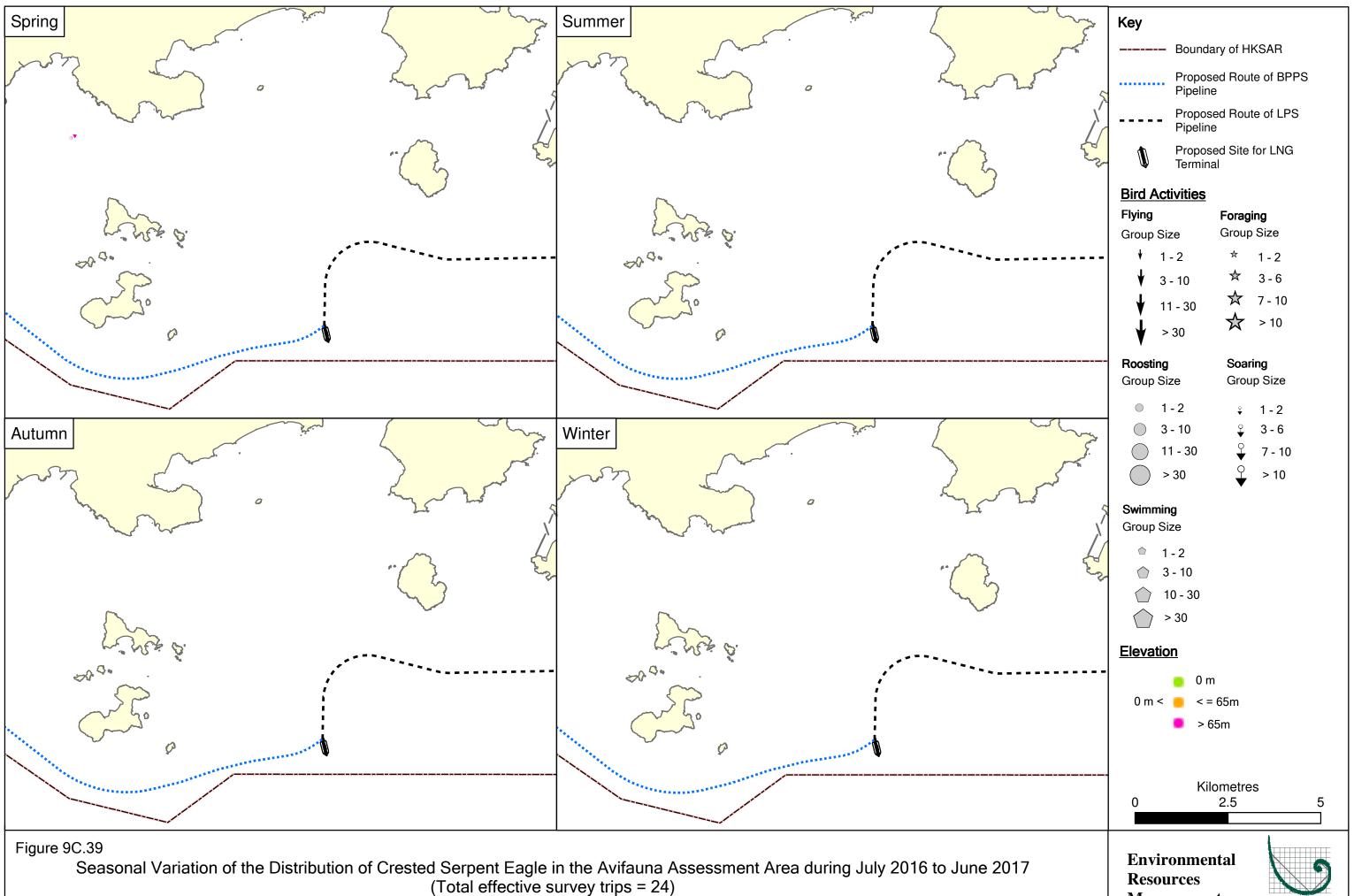




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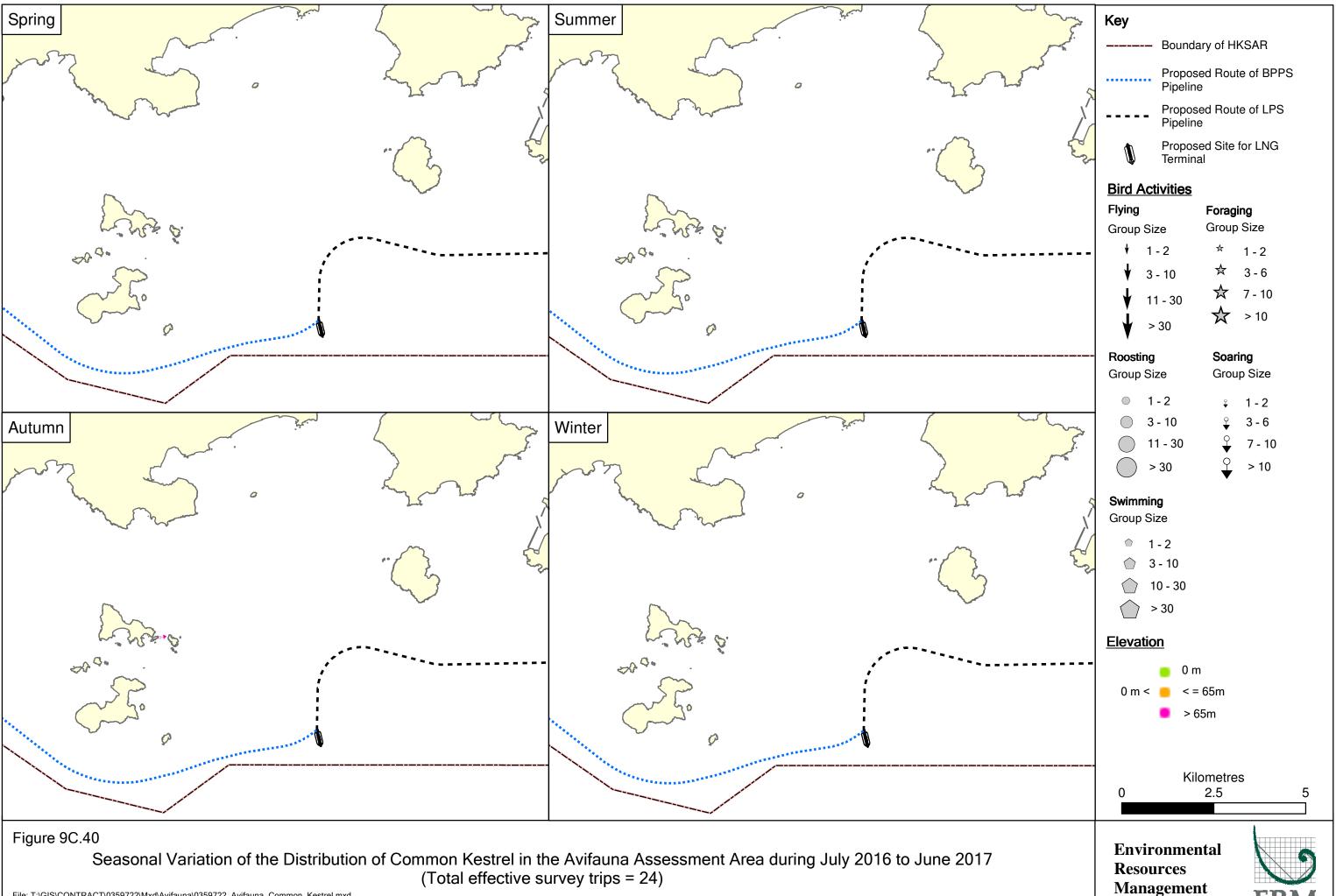






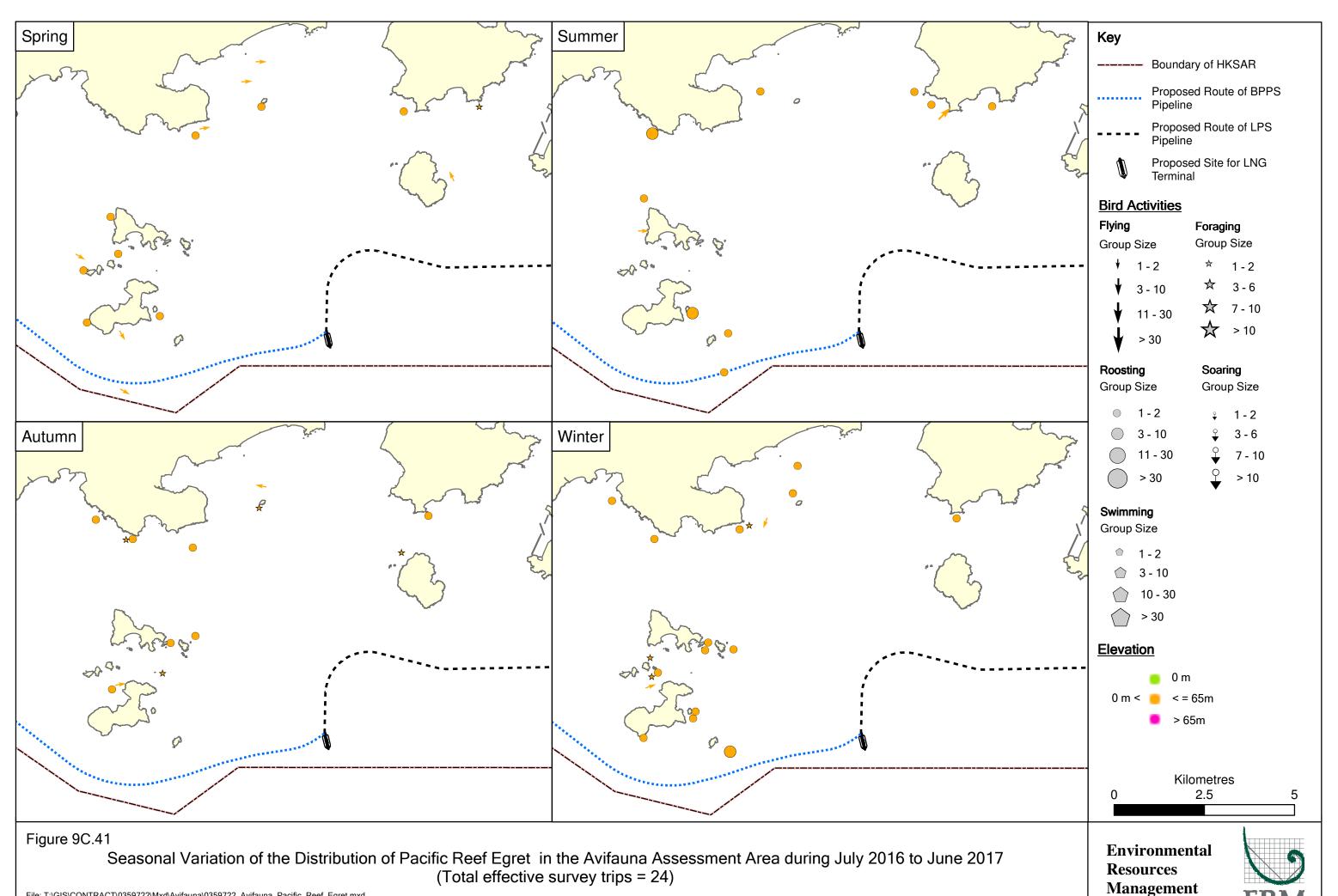
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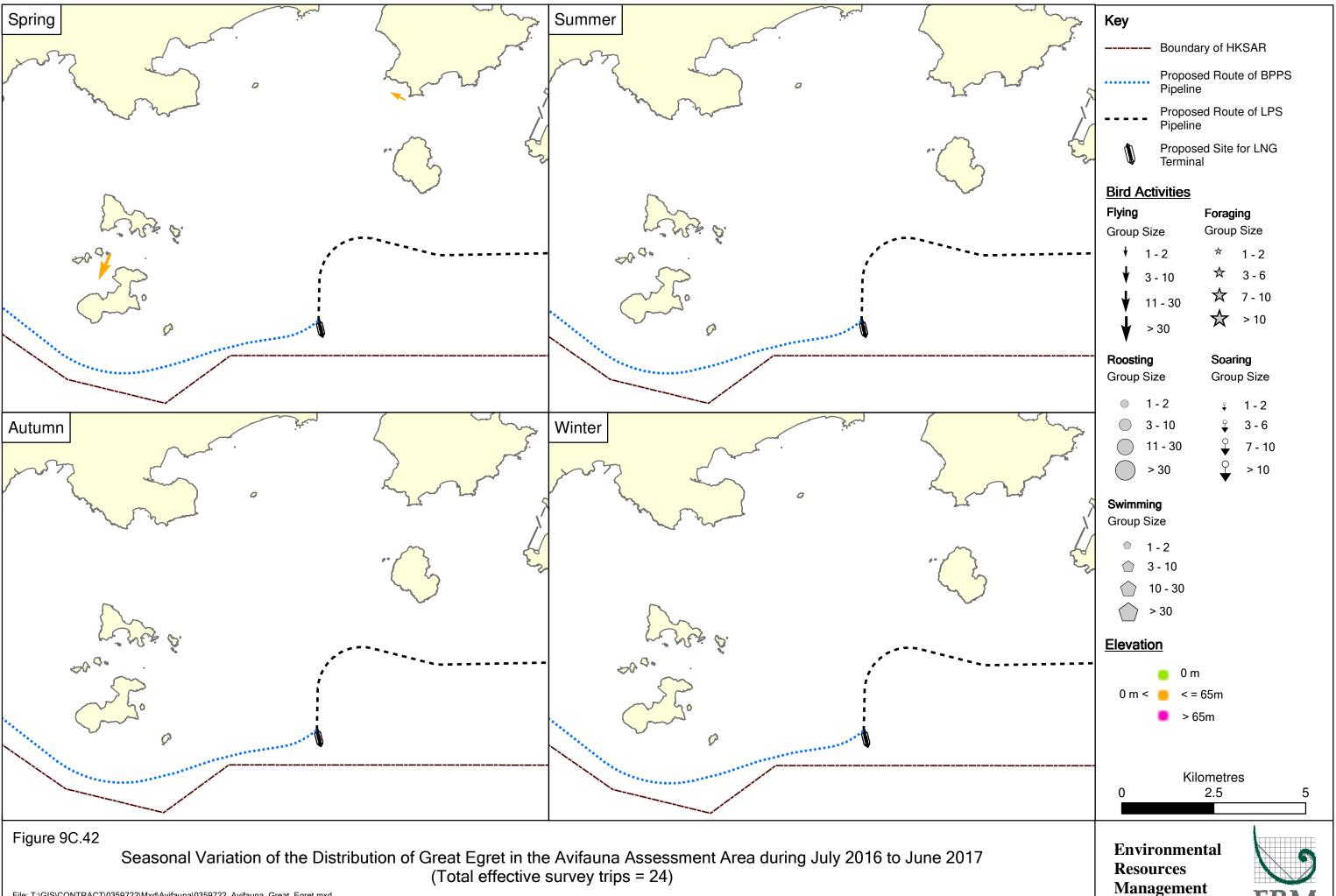


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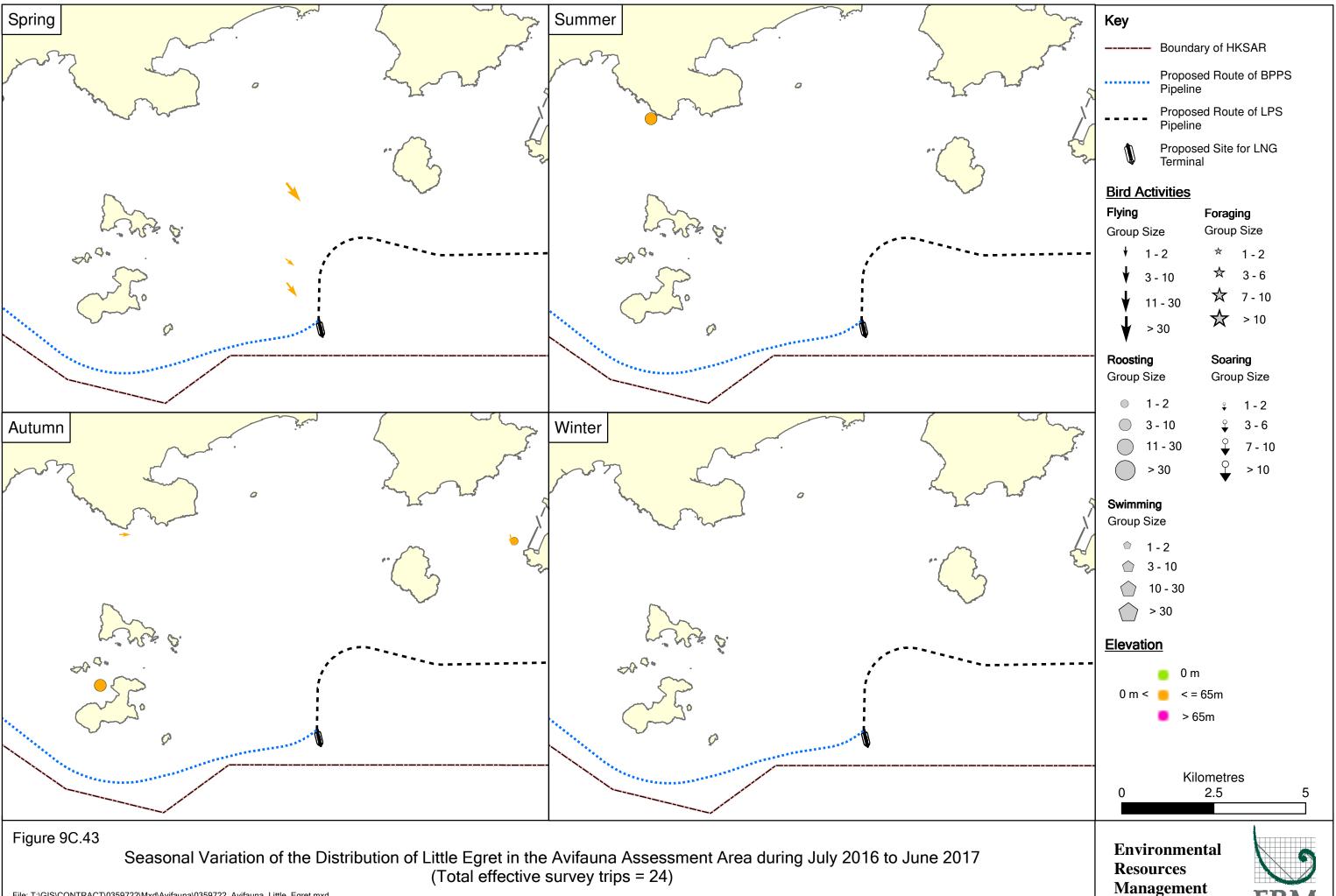


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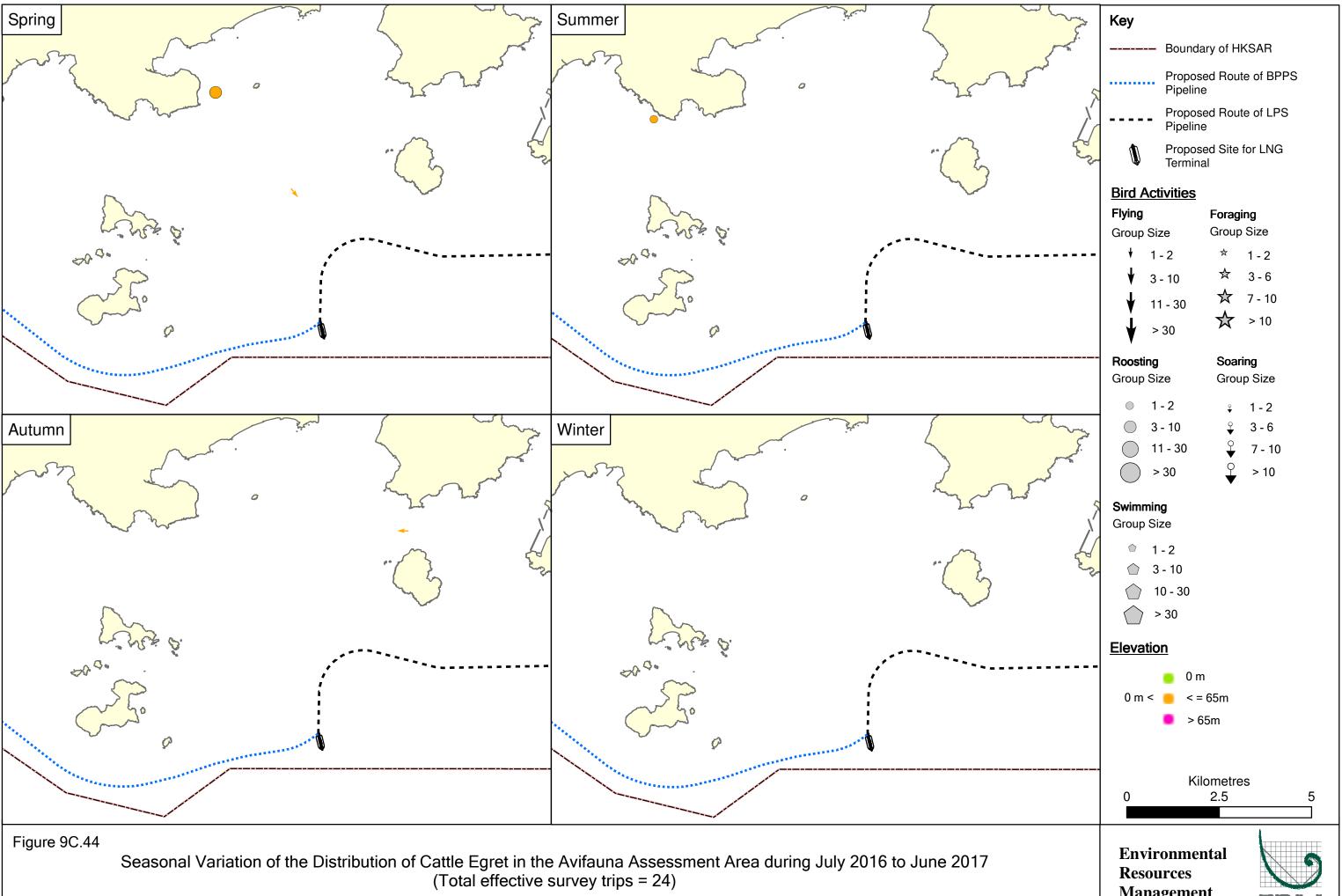
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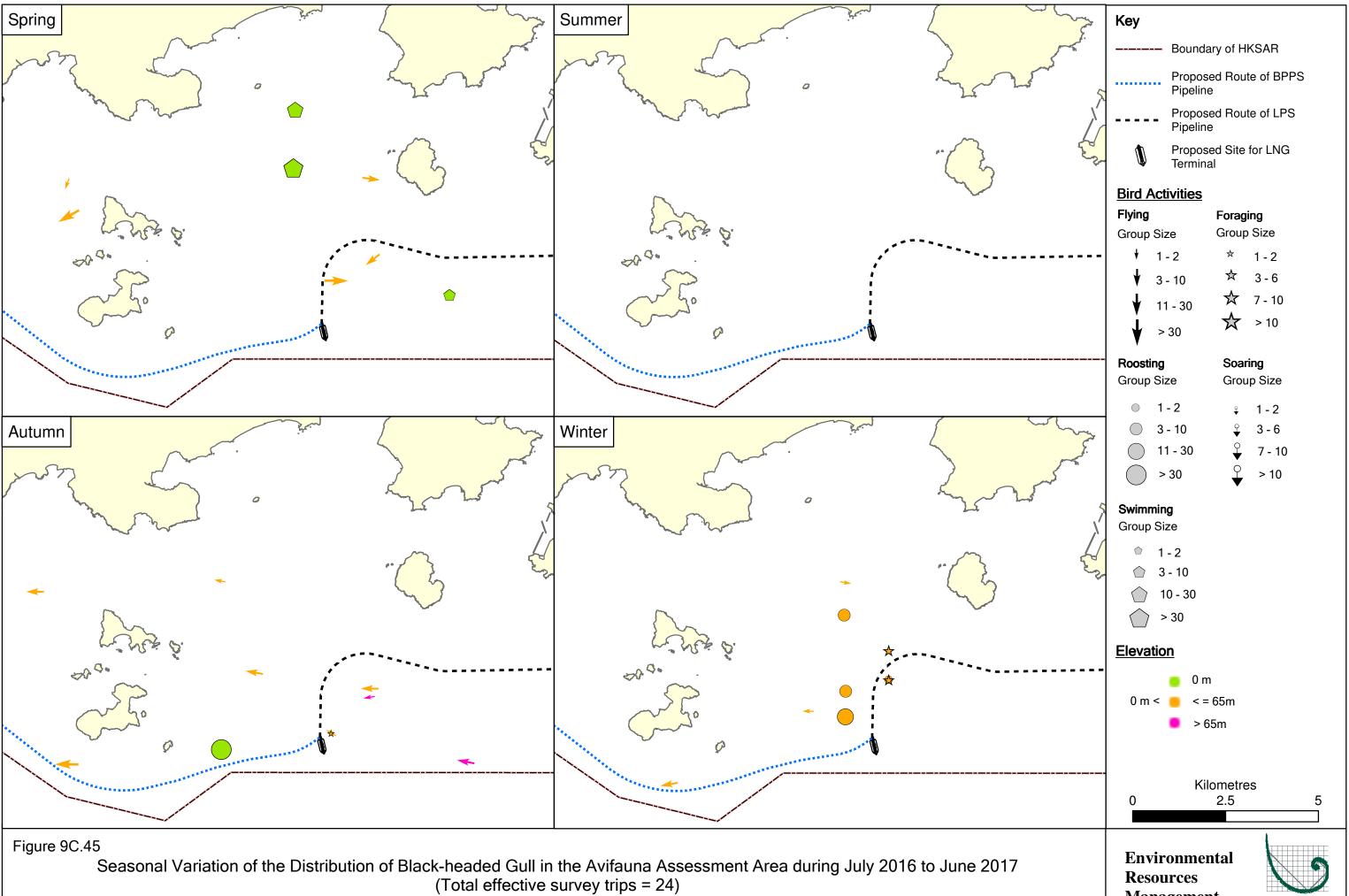
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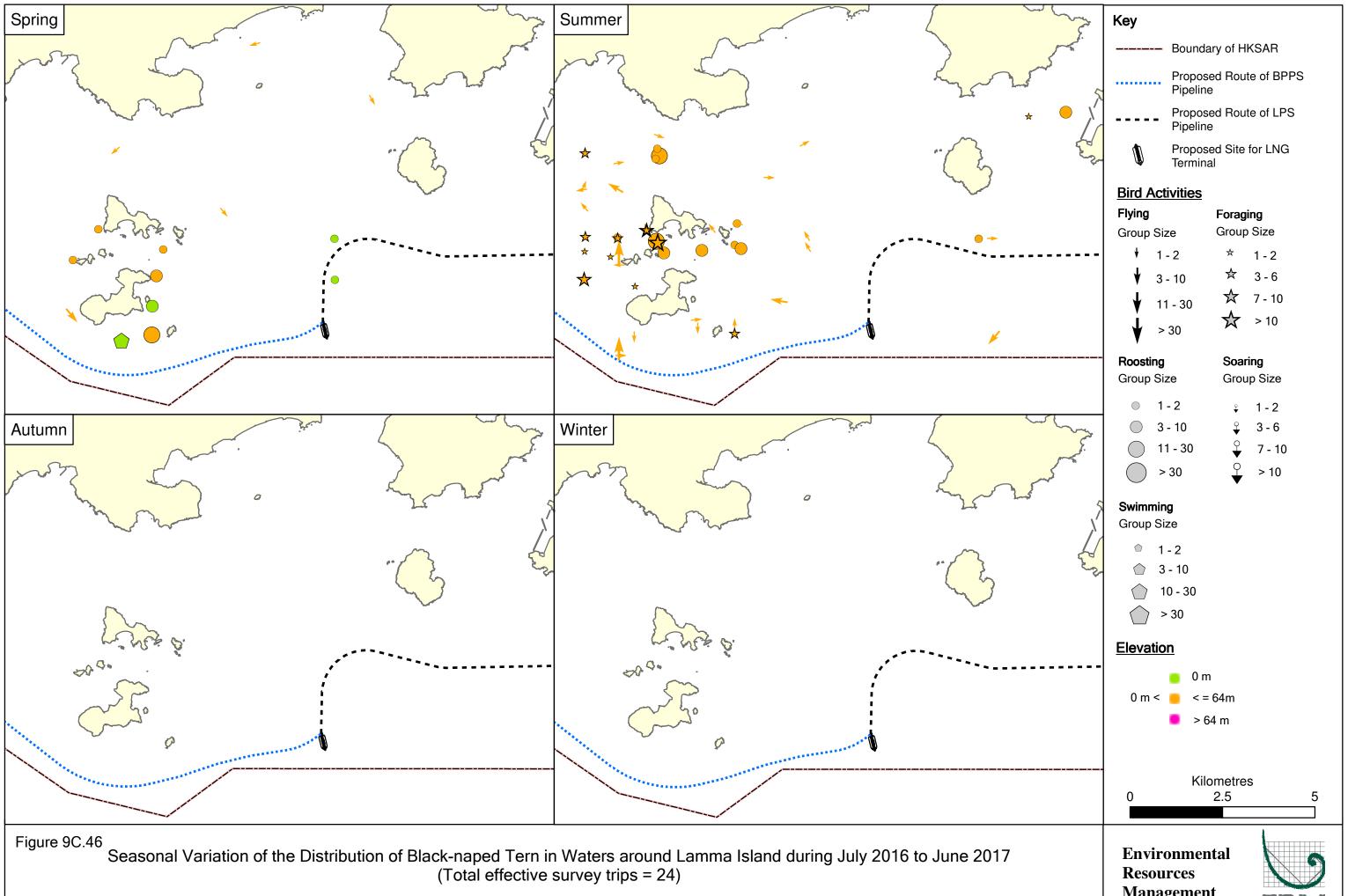
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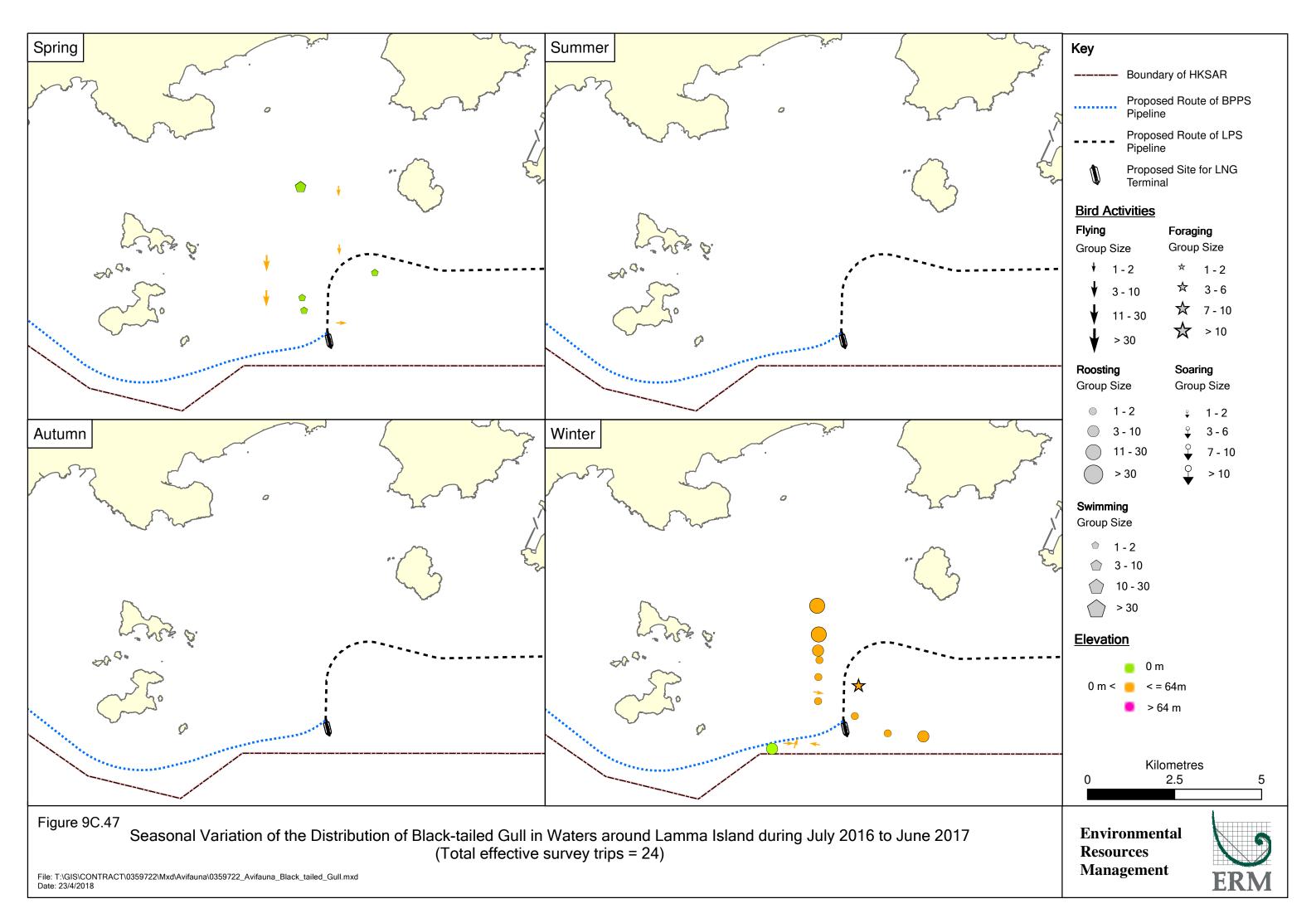
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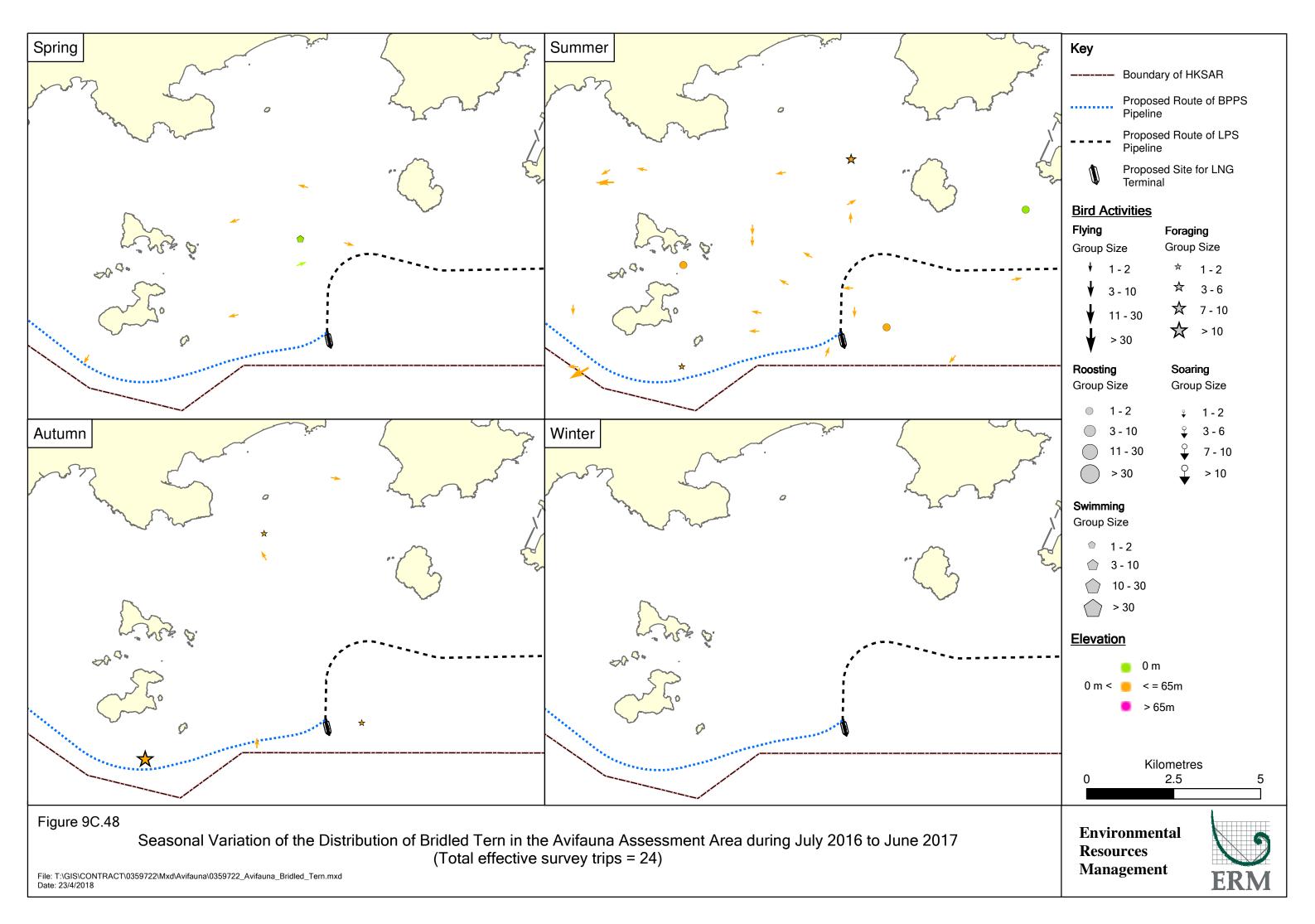


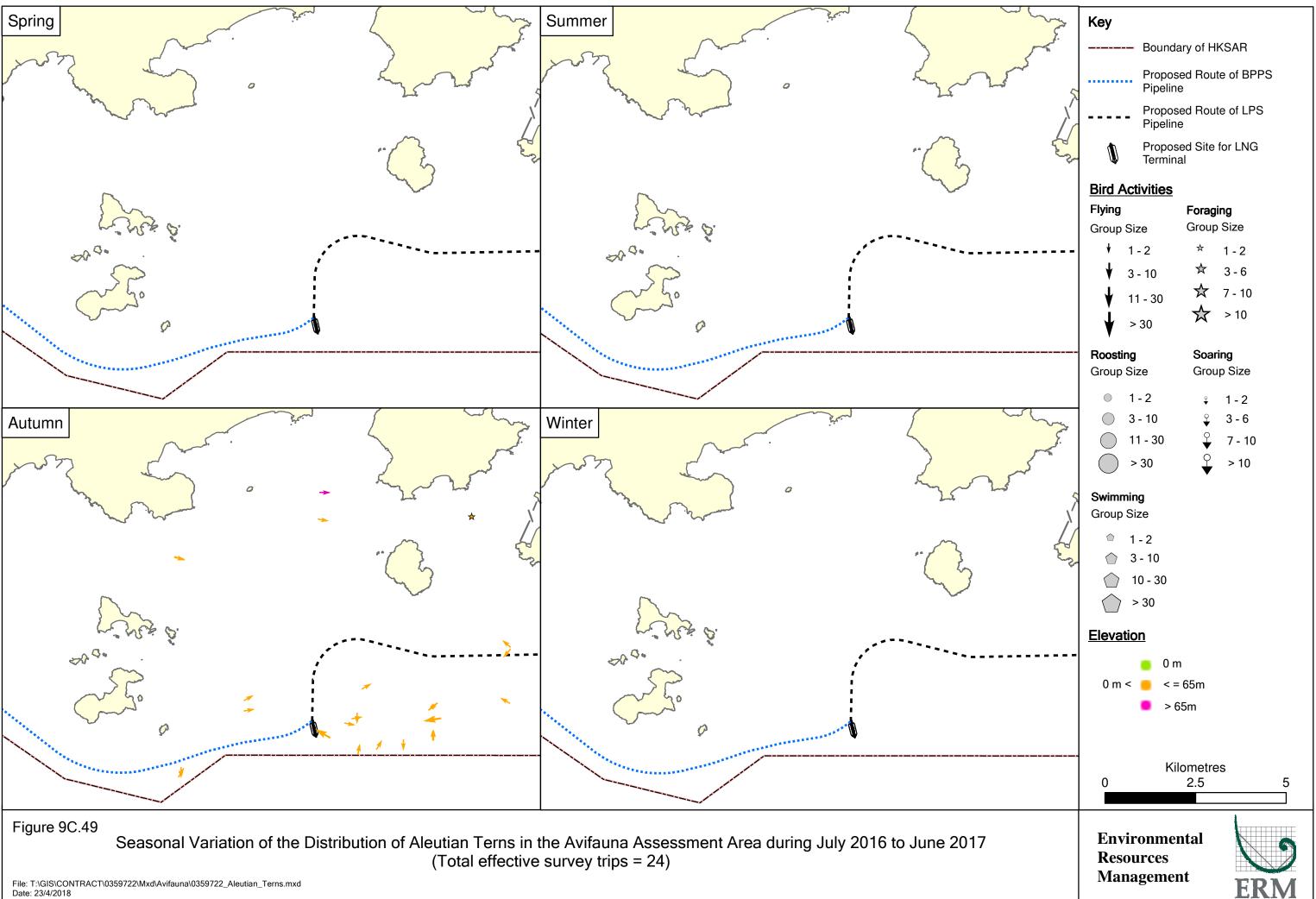


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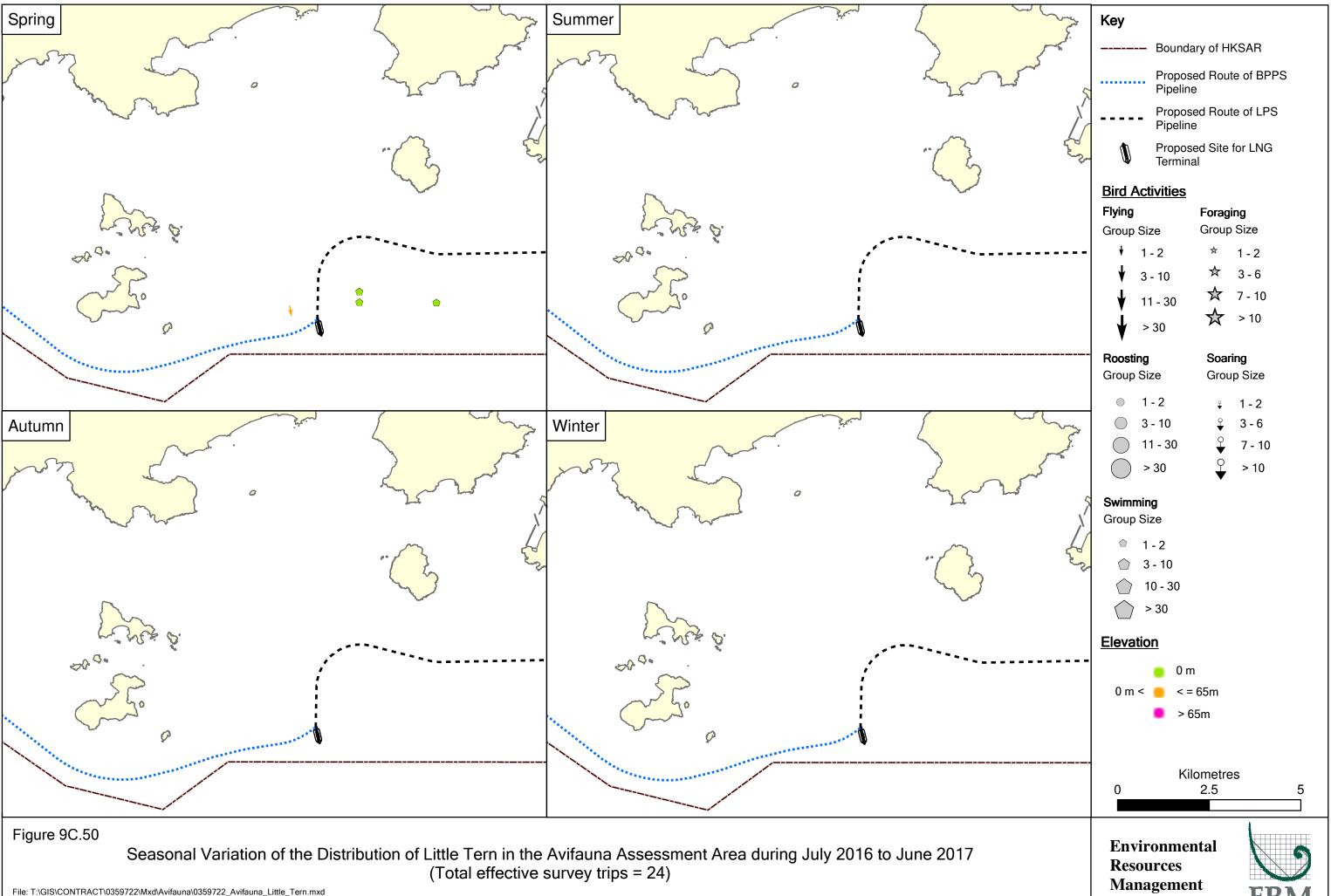






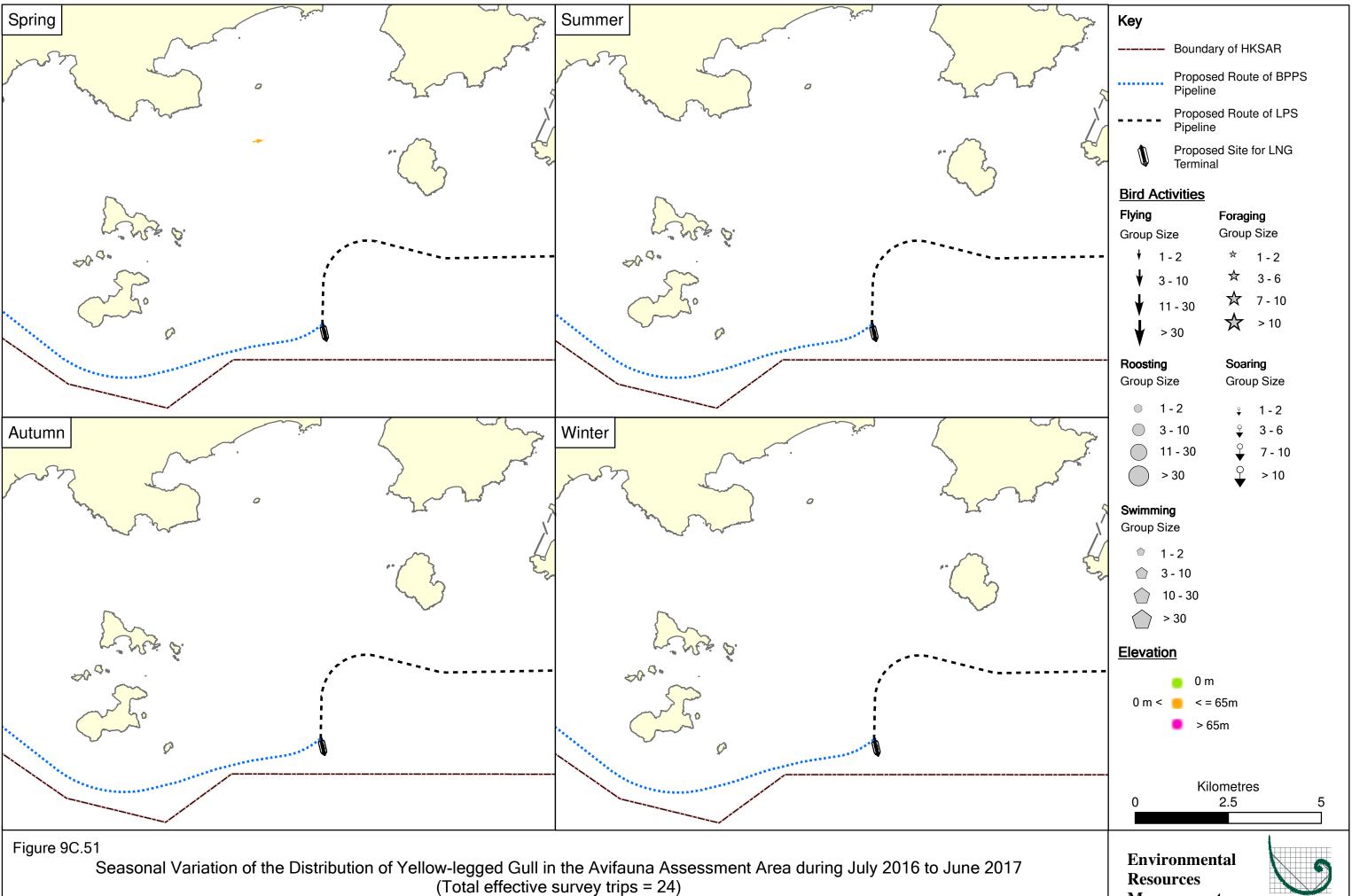






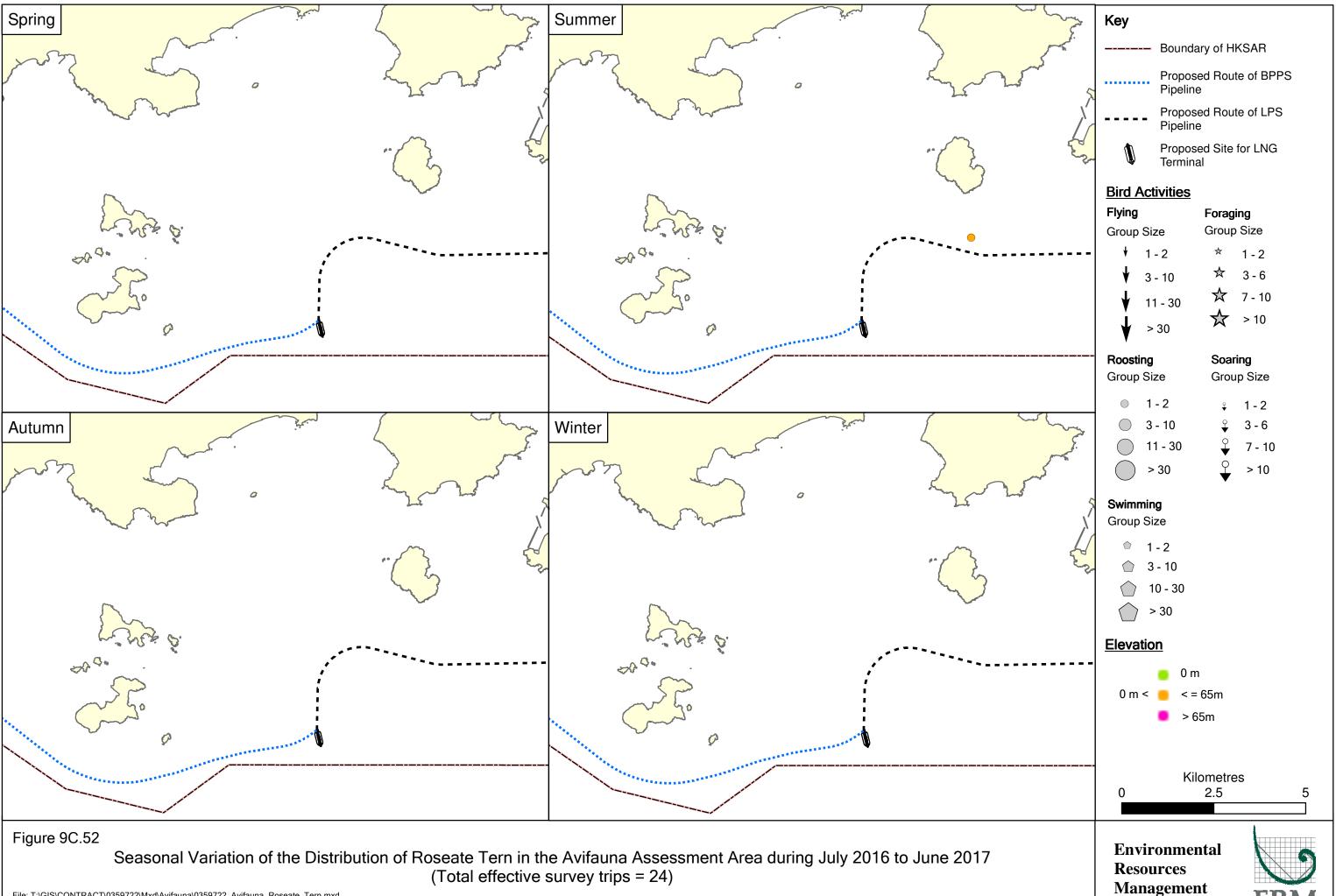
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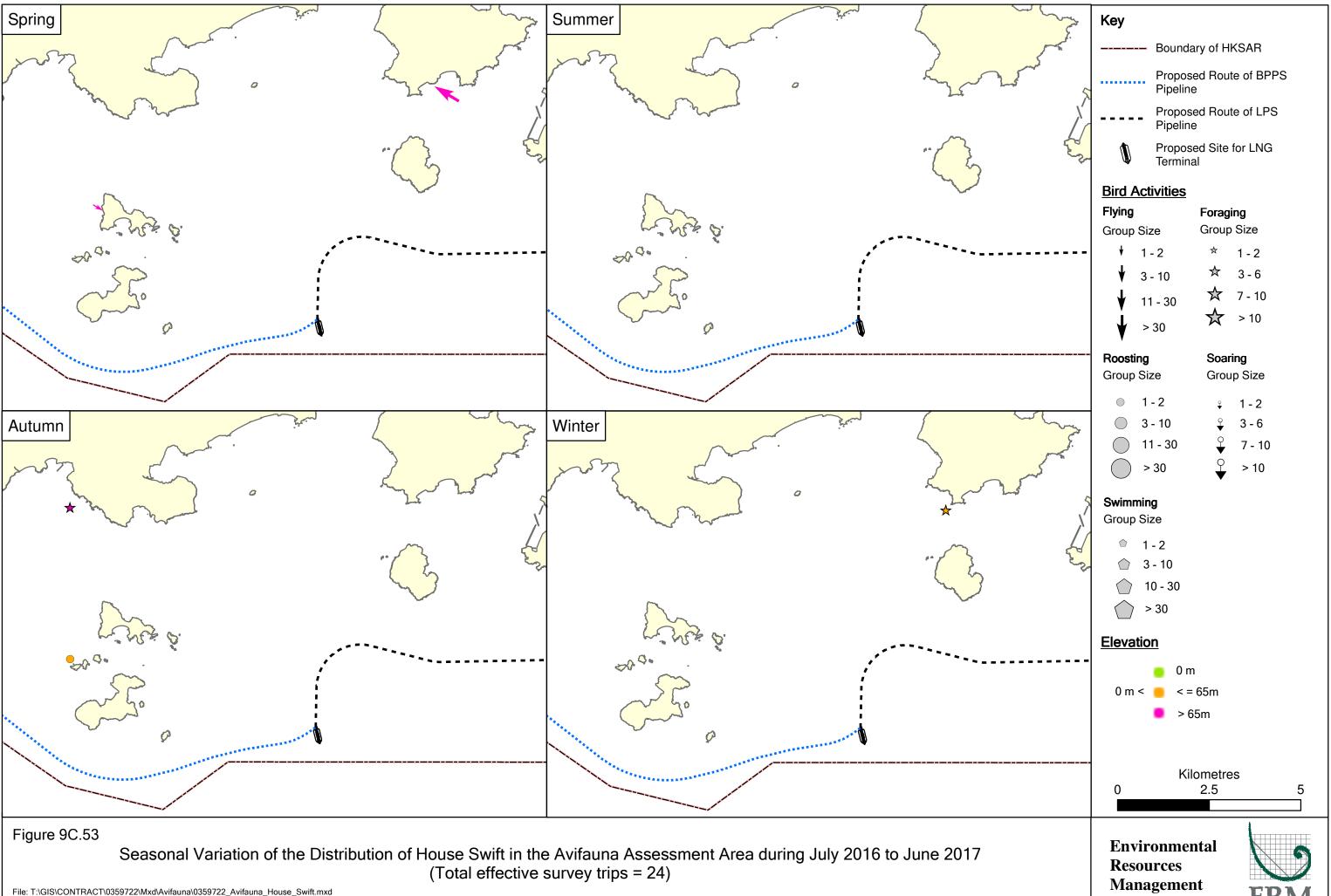
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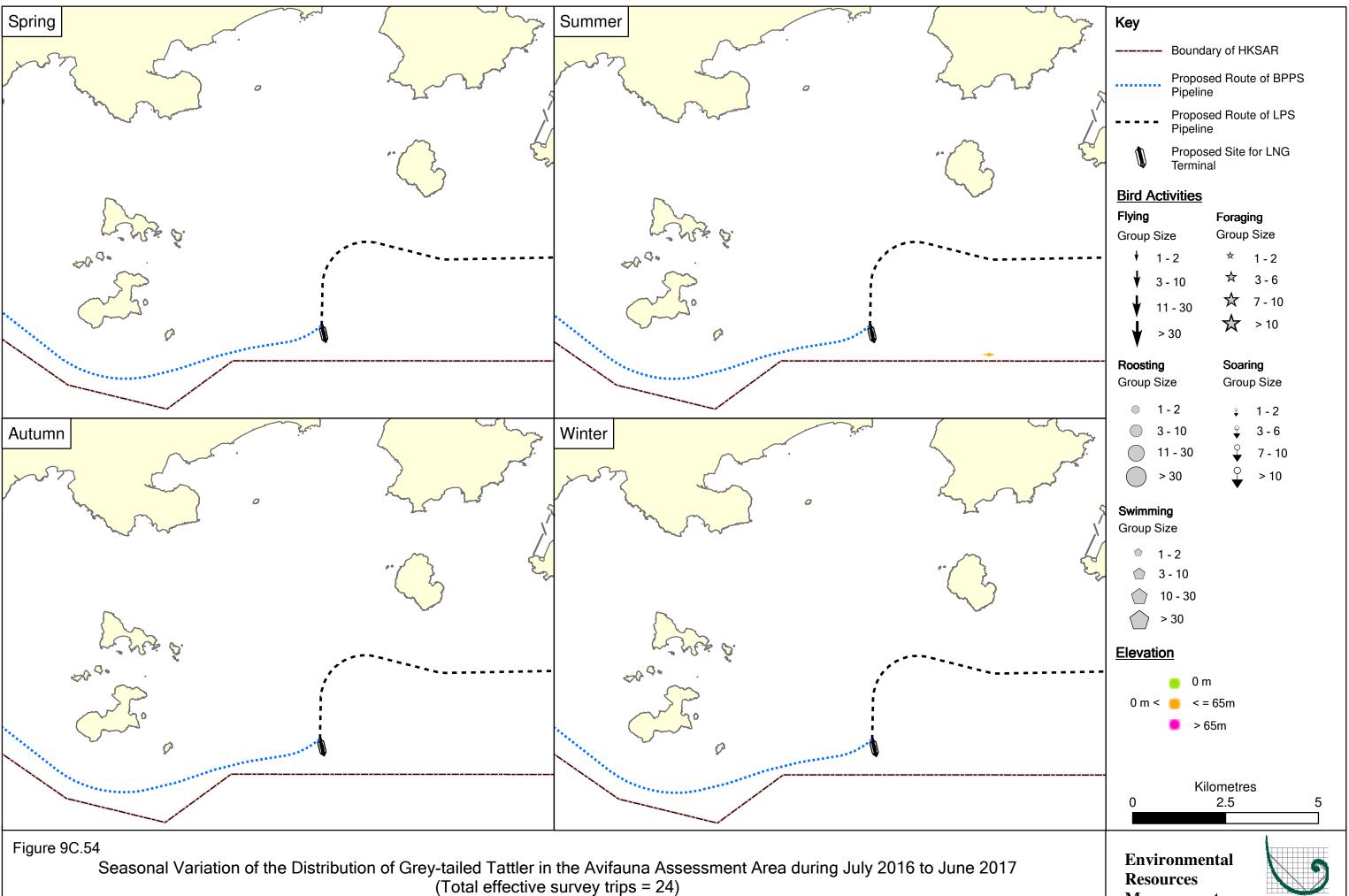
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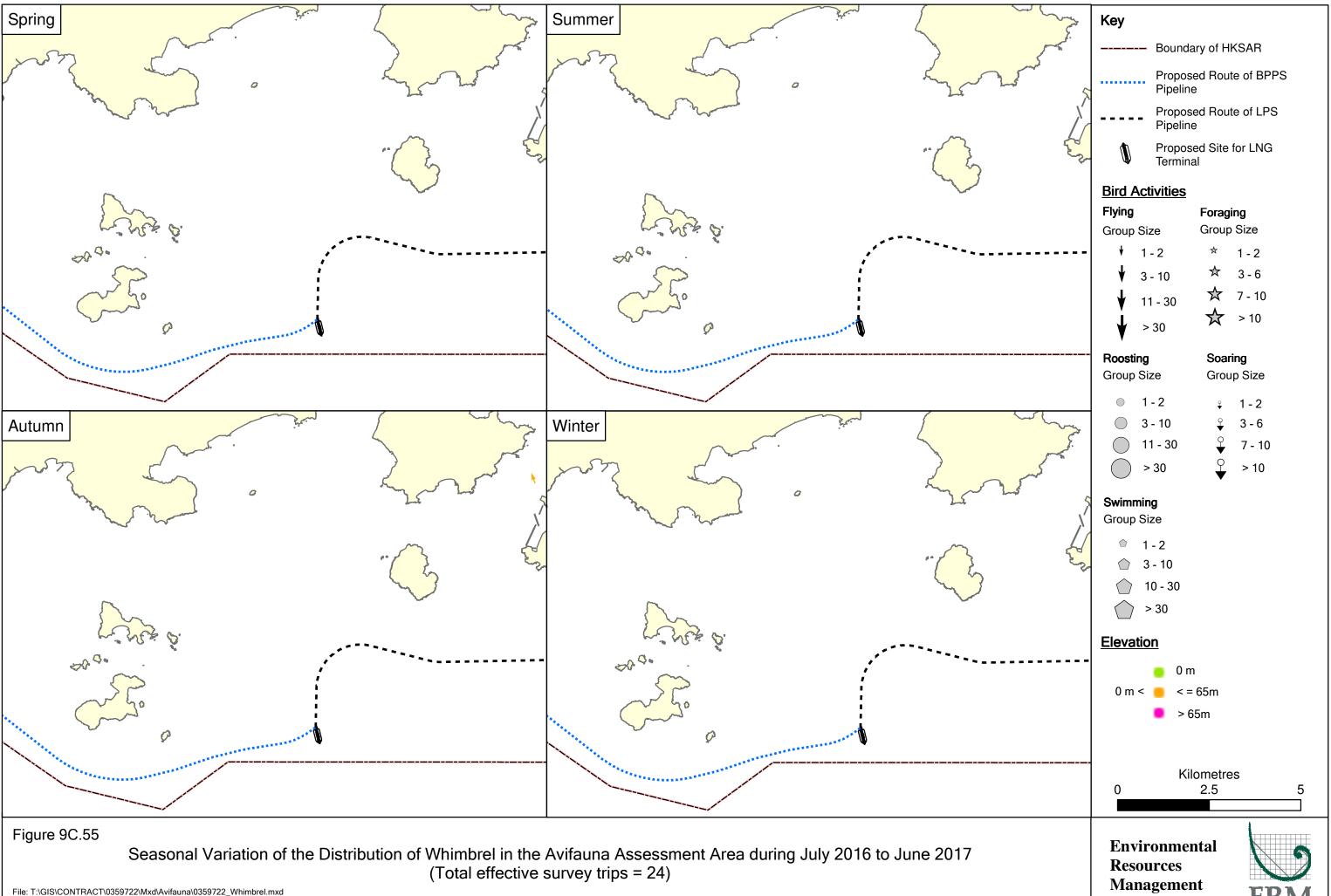
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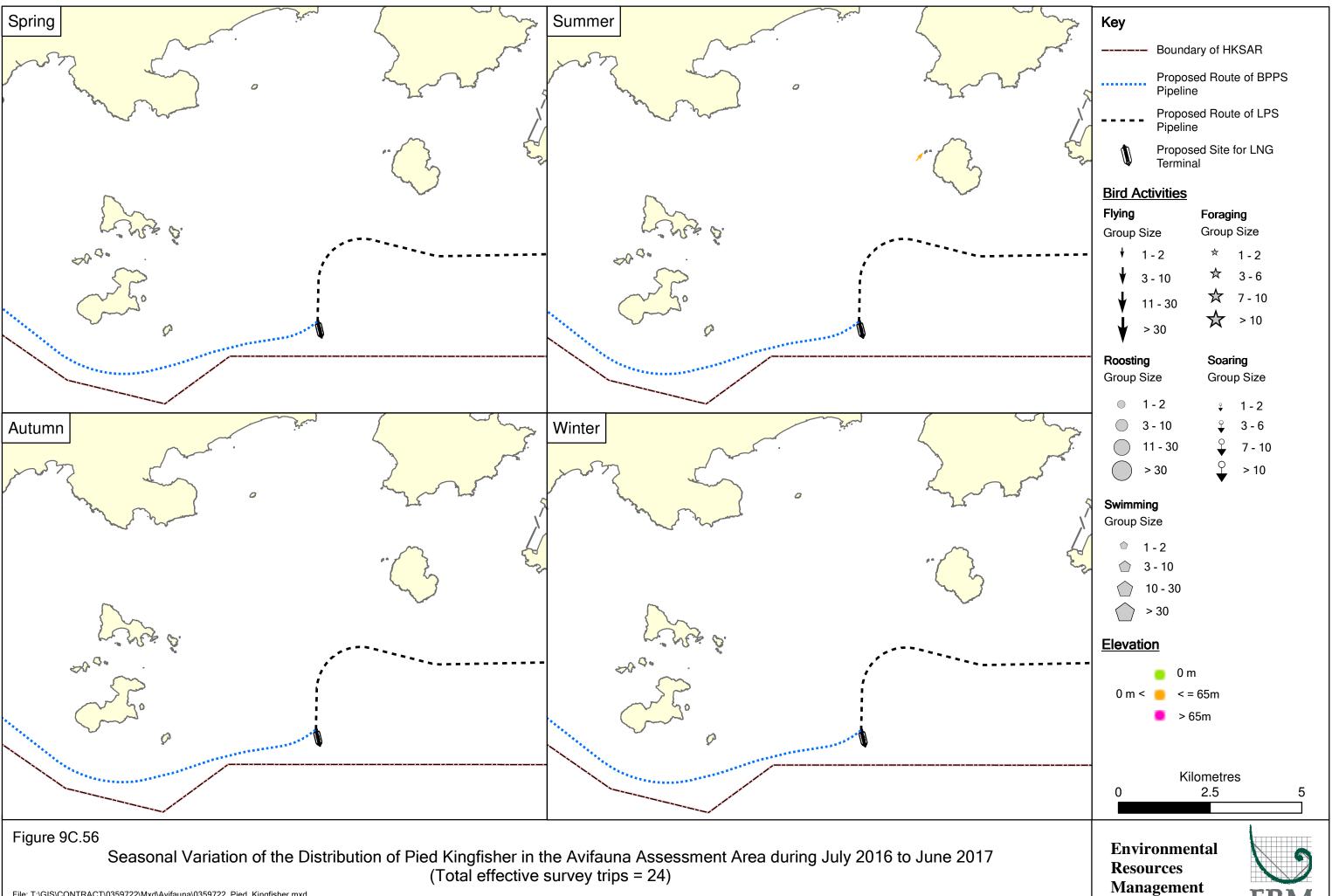
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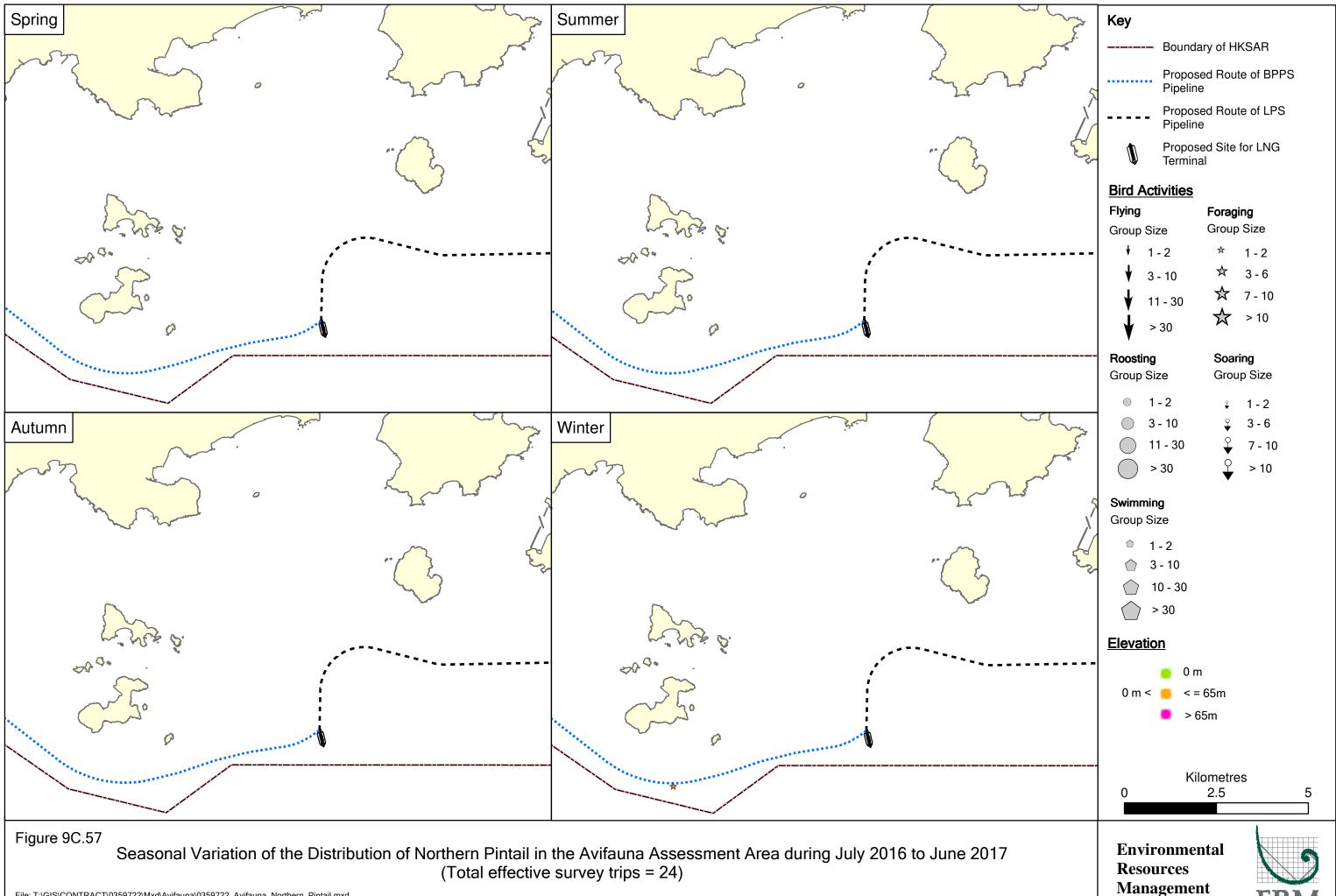
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