



**International Civil Aviation Organization**  
**The Second Meeting of South China Sea Major Traffic Flow Review Group**  
**(SCS-MTFRG/2)**  
 Haikou, China, 22-24 July 2015

**Agenda Item 5: Discussion on PBN Routes Development and FLAS/FLOS Optimization**

***Review of 'ASIA/PACIFIC REGION ATS ROUTE CATALOGUE'***

(Presented by Secretary)

**SUMMARY**

The ICAO Asia and Pacific Regional Office maintains an ATS Route Catalogue, which is updated from time to time as amendment proposals are presented, progressed and agreed or not agreed to. Some routes contained in this catalogue are of relevance to the SCS MTFRG.

**1. INTRODUCTION**

- 1.1 The *Air Navigation Plan – Asia and Pacific Regions* (Doc 9673), Volume I, Basic ANP (BANP) contains ATS route requirements which were developed by the Third Asia and Pacific Regional Air Navigation Meeting (Bangkok, May 1993). The requirements have been revised from time to time to reflect current operational needs. There is also an ongoing need to revise and update these requirements.
- 1.2 APANPIRG/14, August 2004, under Conclusion 14/5 established the ATS Route Network Review Task Force (ARNR/TF) to review the Asia and Pacific ATS route network as contained in the BANP, determine present and future route requirements, and revise the BANP as appropriate. To facilitate the amendment process and keep track of route implementation and future requirements, and with the objective of providing more up to date information on route developments, ARNR/TF prepared the draft *Asia/Pacific ATS Route Catalogue* as a supplement to the BANP.
- 1.3 APANPIRG/16 (August 2005), recognizing the value of a consolidated reference document for the regional ATS routes and future route requirements of States and airspace users, accepted the Route Catalogue under Decision 16/9. The Route Catalogue is intended to be a living document, supplementing the BANP and maintained by ICAO Asia and Pacific Office.

**2. DISCUSSION**

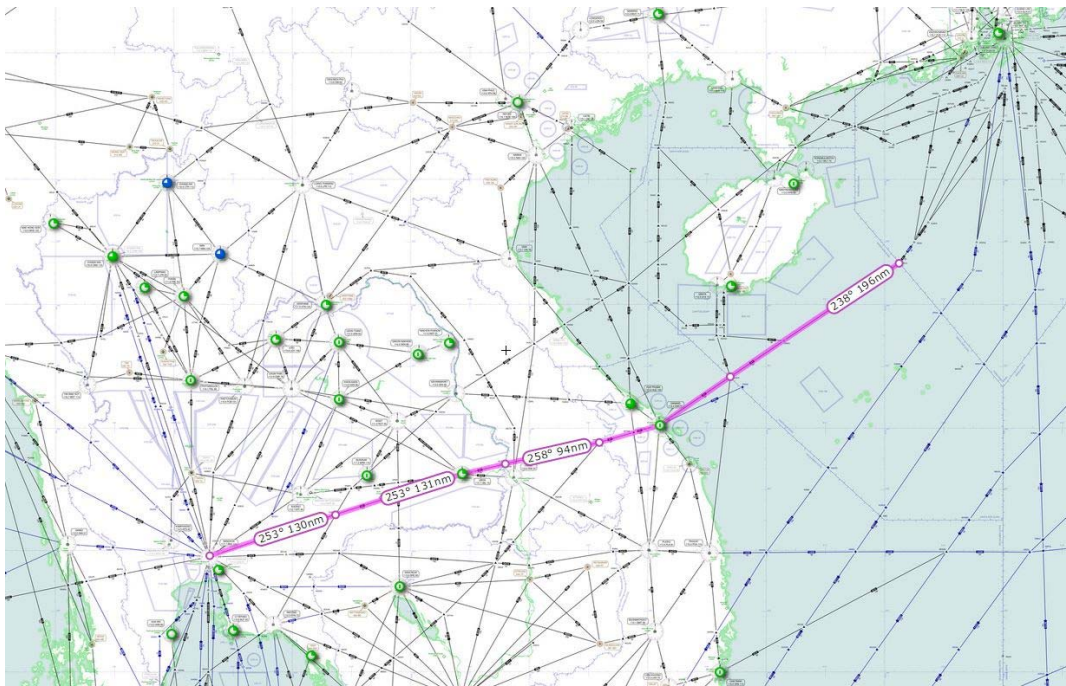
- 2.1 A Contracting State or qualifying international organization identifying a need for a new route requirement to be included in the BANP or to change an existing route contained in the BANP, may submit an amendment proposal to the Secretary General for approval by the President of the Council in accordance with established procedures summarized below.
- 2.2 Appropriately presented and documented proposals to amend the BANP are submitted to the ICAO Secretary General through the Regional Office and circulated to States and International Organizations for comment. Once all parties concerned agree to the proposal, the Secretary General will submit the proposal to the President of the Council for approval. The Regional Office will inform States and international organizations concerned of the approval and the BANP will be amended accordingly.

- 2.3 The Regional Office, which is responsible for maintaining the ATS Route Catalogue, will update the Route Catalogue from time to time as amendment proposals are presented, progressed and agreed or not agreed.
- 2.4 ATS routes are proposed by States and international organizations in accordance with their geographical disposition. These routes are not been included in the BANP or implemented, and have no specific status, other than having been presented as a proposal and subject to consultation and review.
- 2.5 Regional ATS route proposals affecting Asia/Pacific airspace should be presented as part of a paper to ATM coordination groups or other suitable bodies, and then may be entered into the Route Catalogue by the Regional Office. The Regional Office will periodically present to appropriate ATM coordination groups or other suitable bodies the proposals within their geographical area of interest for review. After review, the ATS Route Catalogue may be updated by:
- Amendment to transfer proposals to Chapter A that have been agreed after subsequent proposal for amendment of the BANP; or
  - Deletion of the proposal when it has been decided that there is no possibility of implementation in the foreseeable future; or
  - Amendment with the addition of supplementary information; or
  - Addition of a new ATS route proposal.
- 2.6 Routes of interest to the SCS MTFRG are listed in an appendix to this paper.

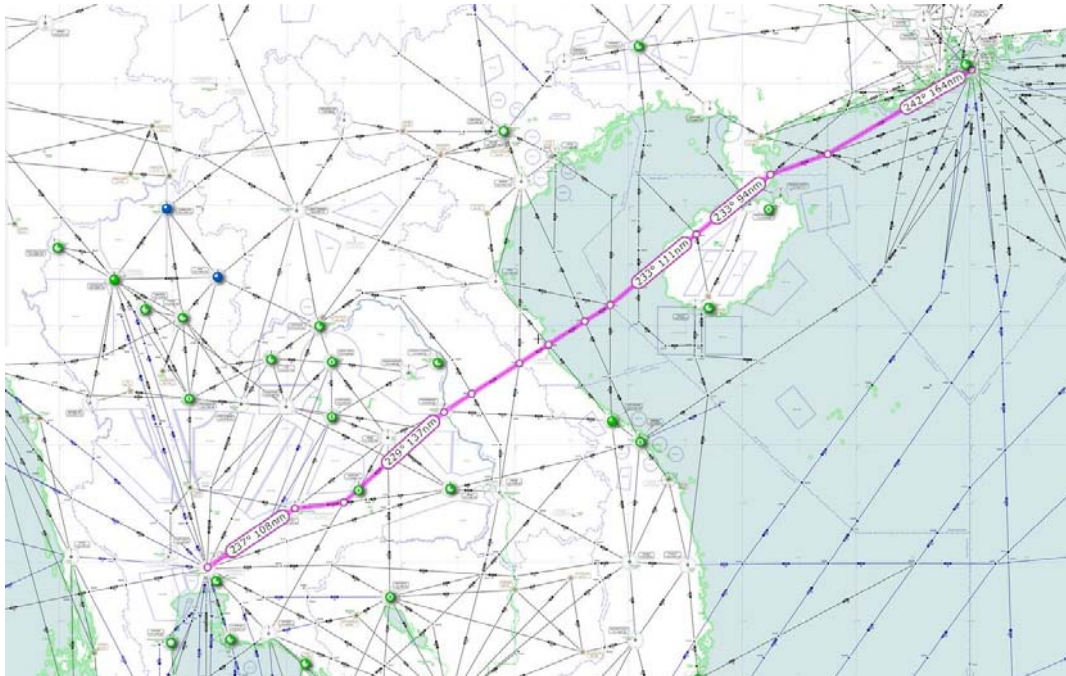
### **3. ACTION BY THE MEETING**

- 3.1 The meeting is invited to:
- a) discuss the applicability of the proposed routes in the context of this review group's work.
  - b) decide which, if any of these proposals, need to be pursued further.
  - c) propose other routes that can meet objectives of this review group.

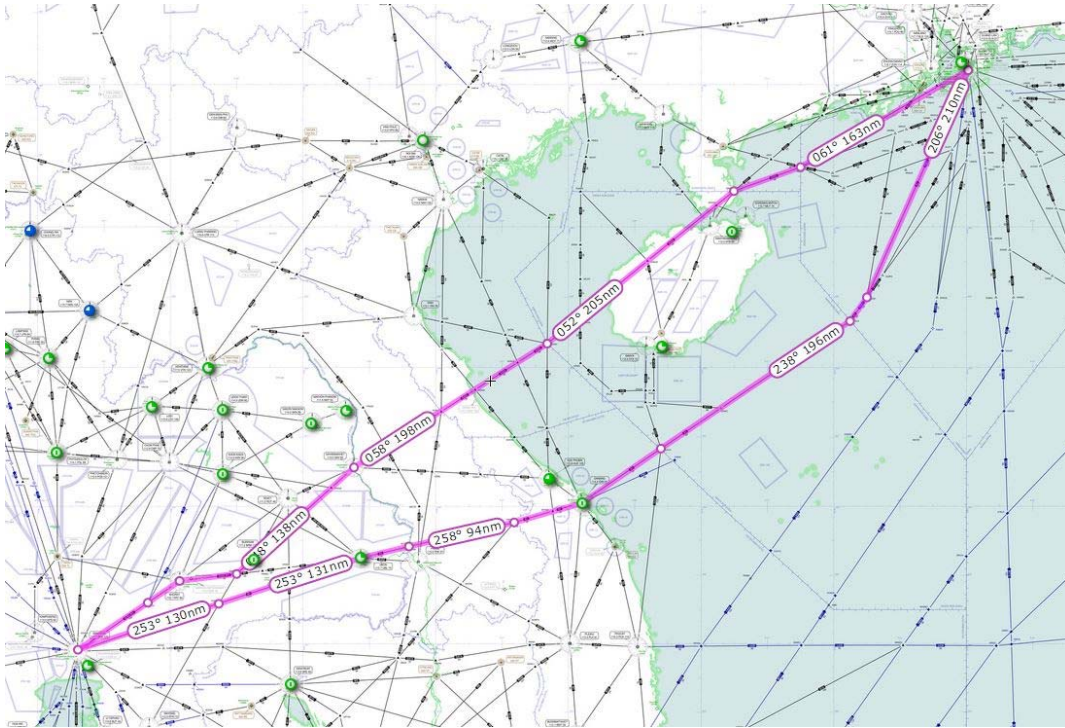
**Appendix – SCS Route Catalogue**



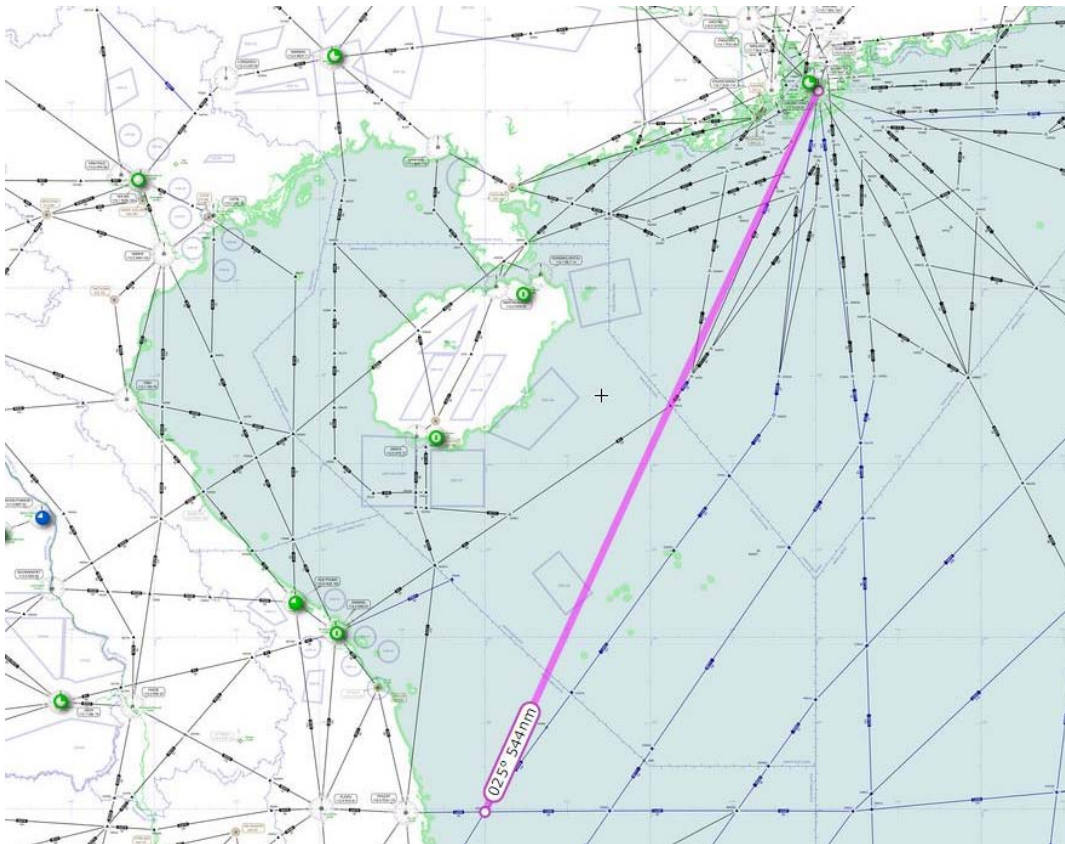
**AR1**



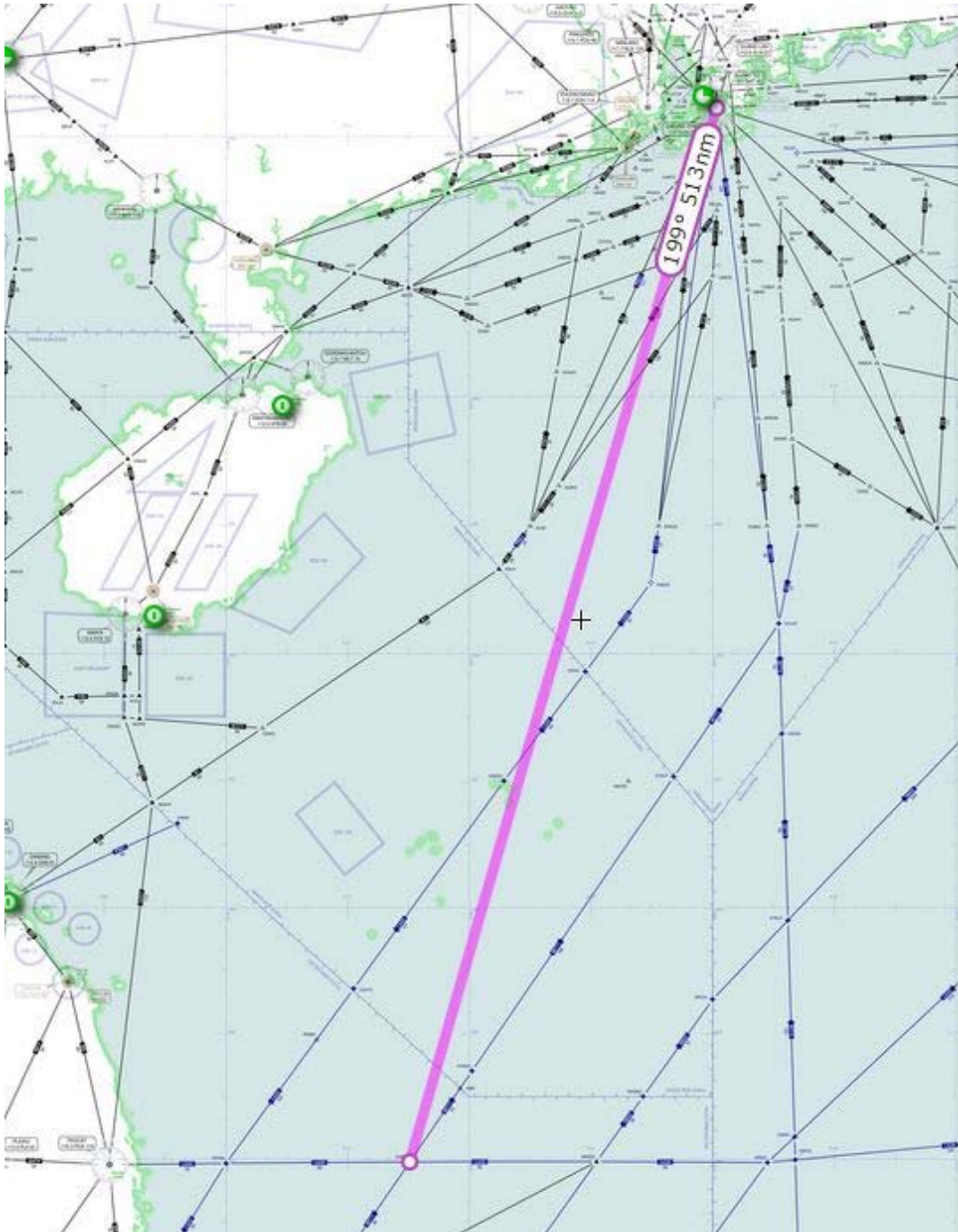
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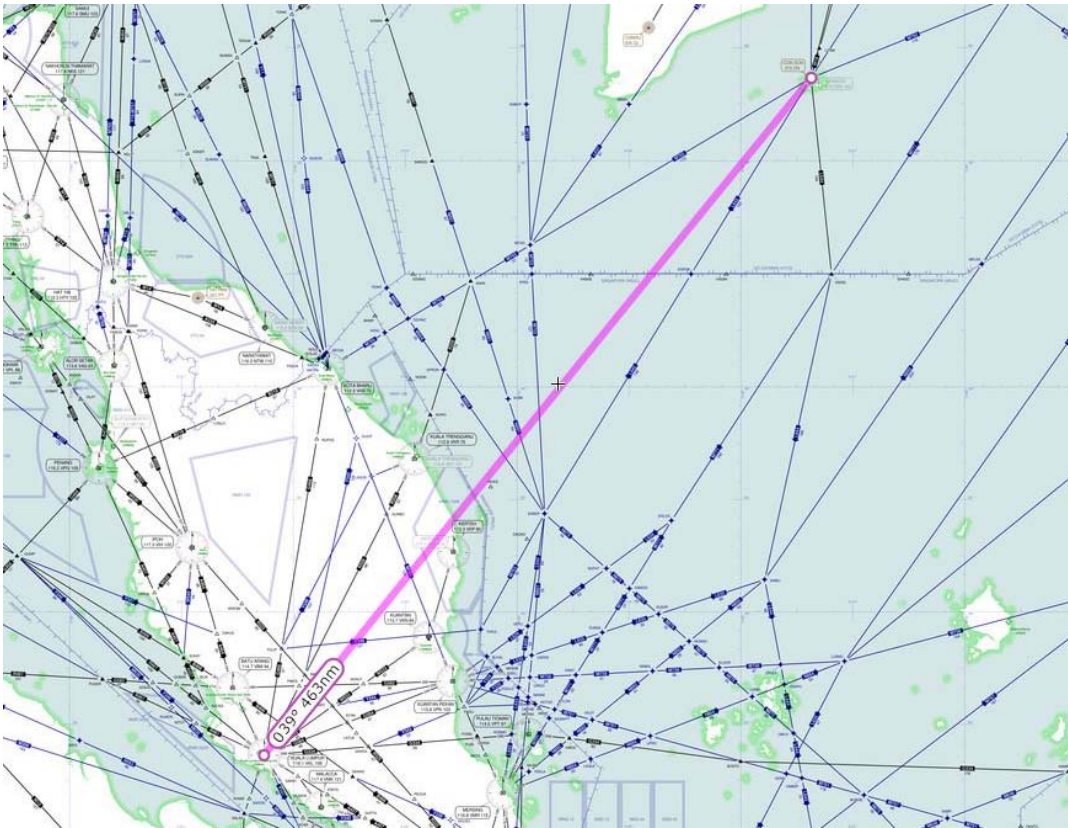
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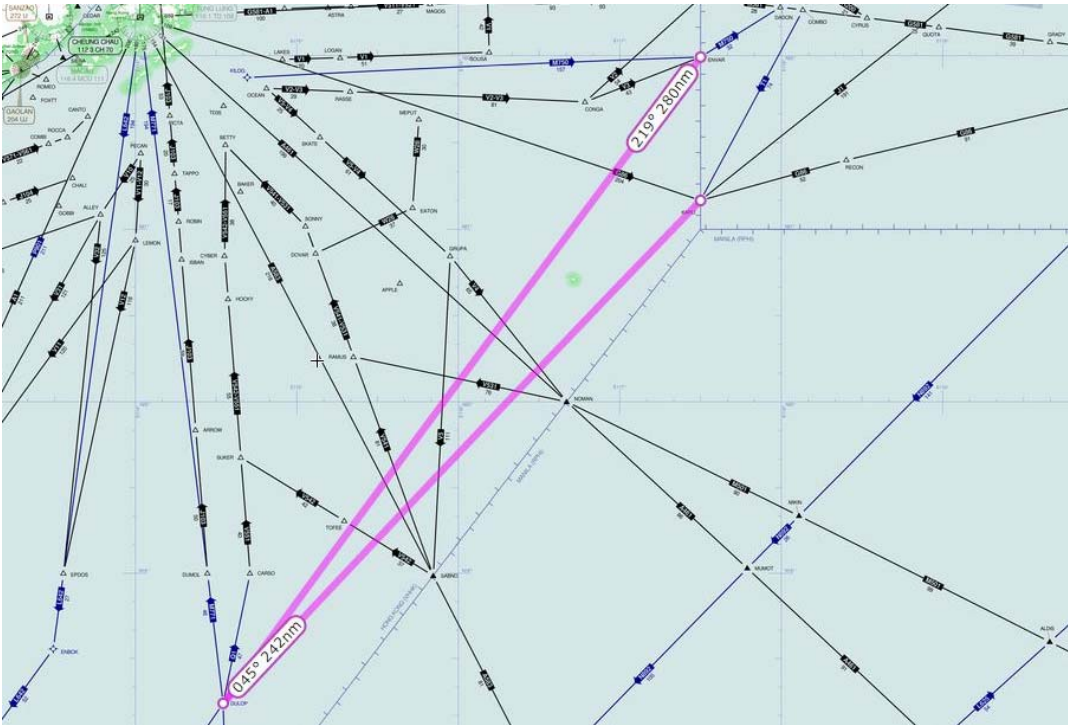
SCS 2



SCS 1



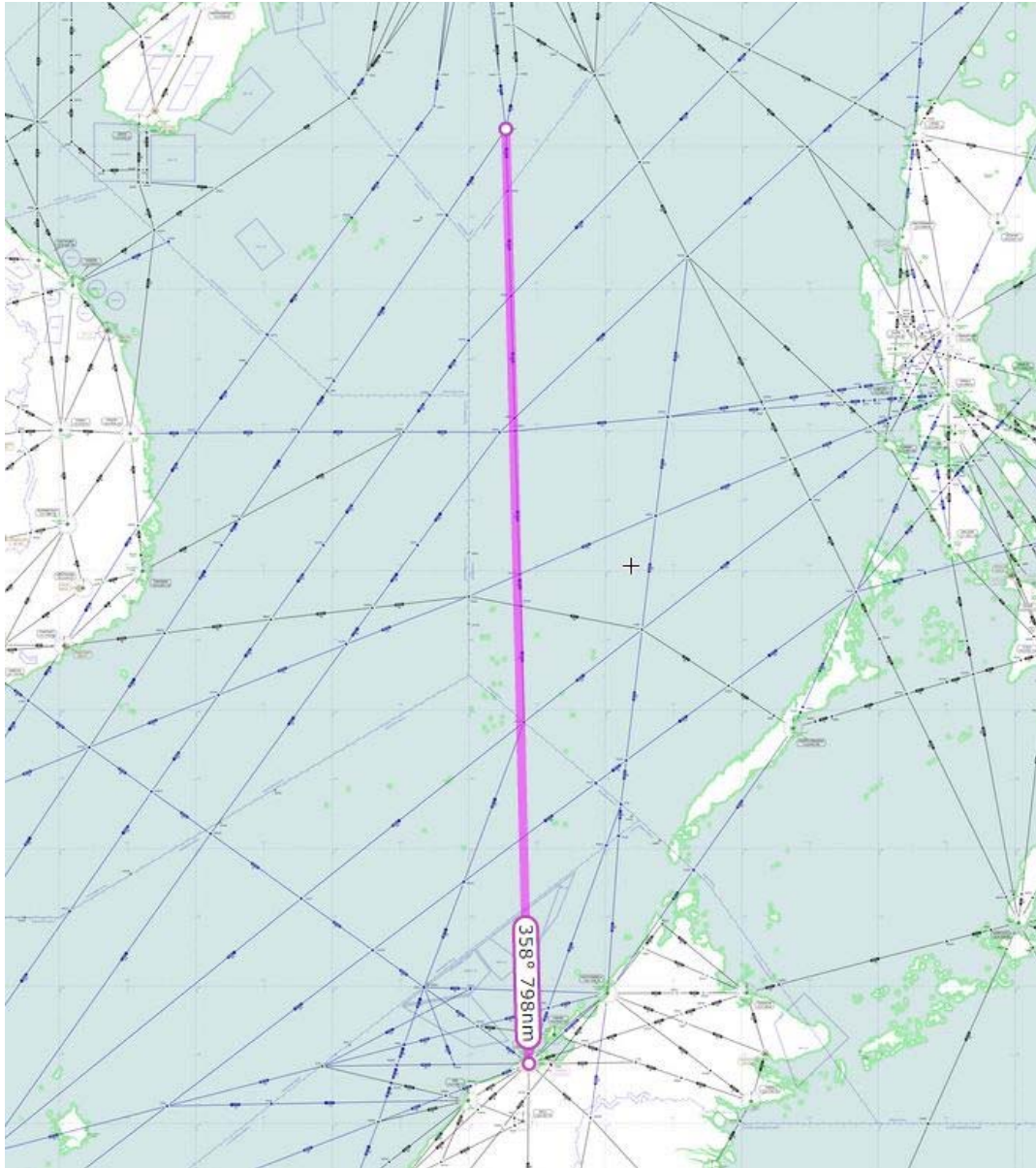
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SCS 8

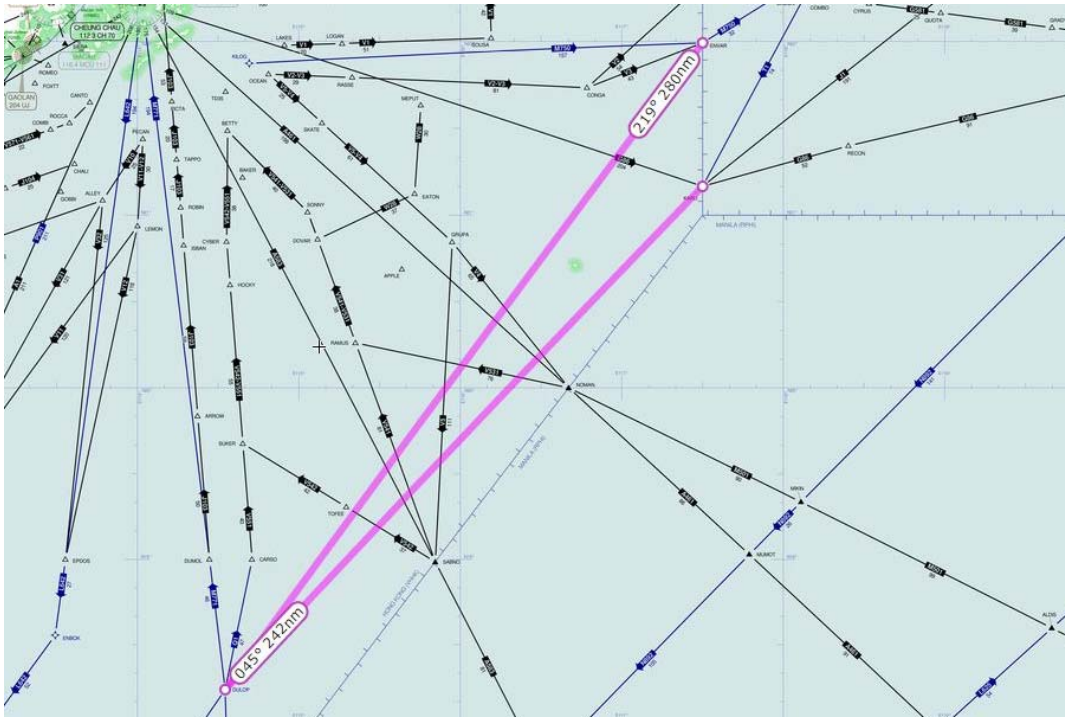


SCS 5

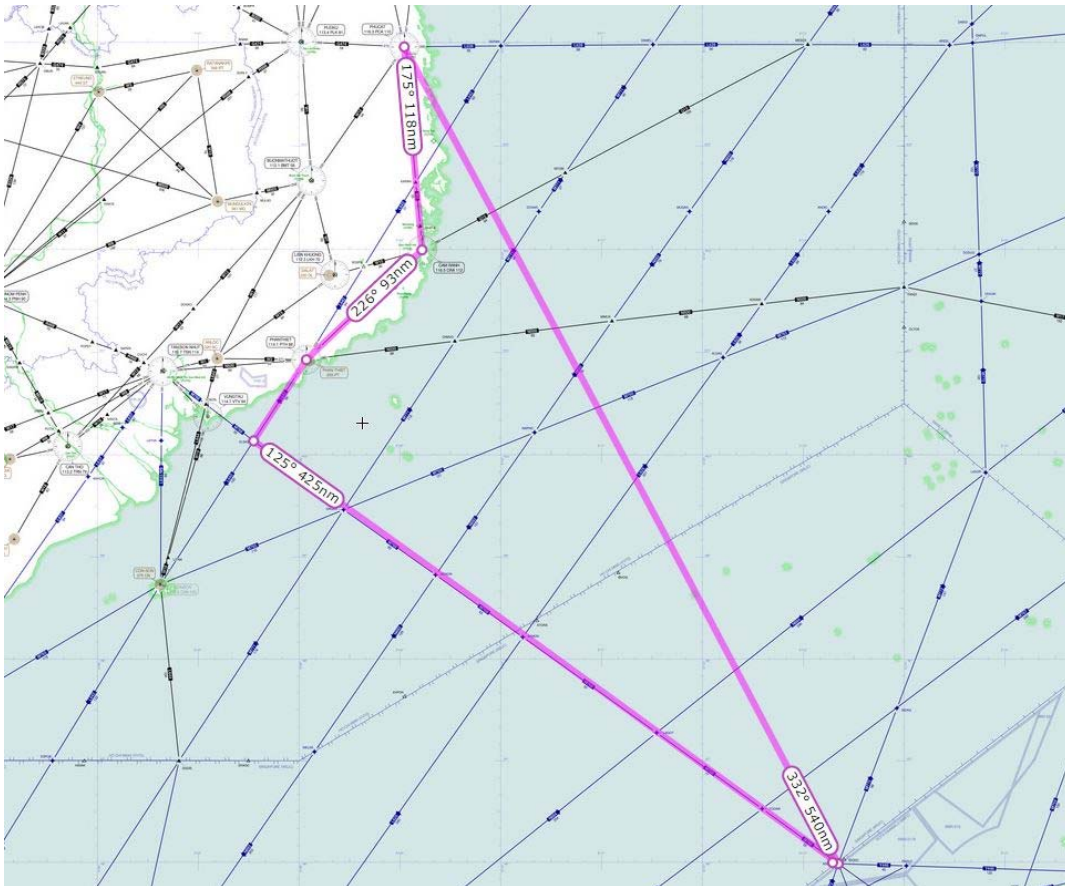


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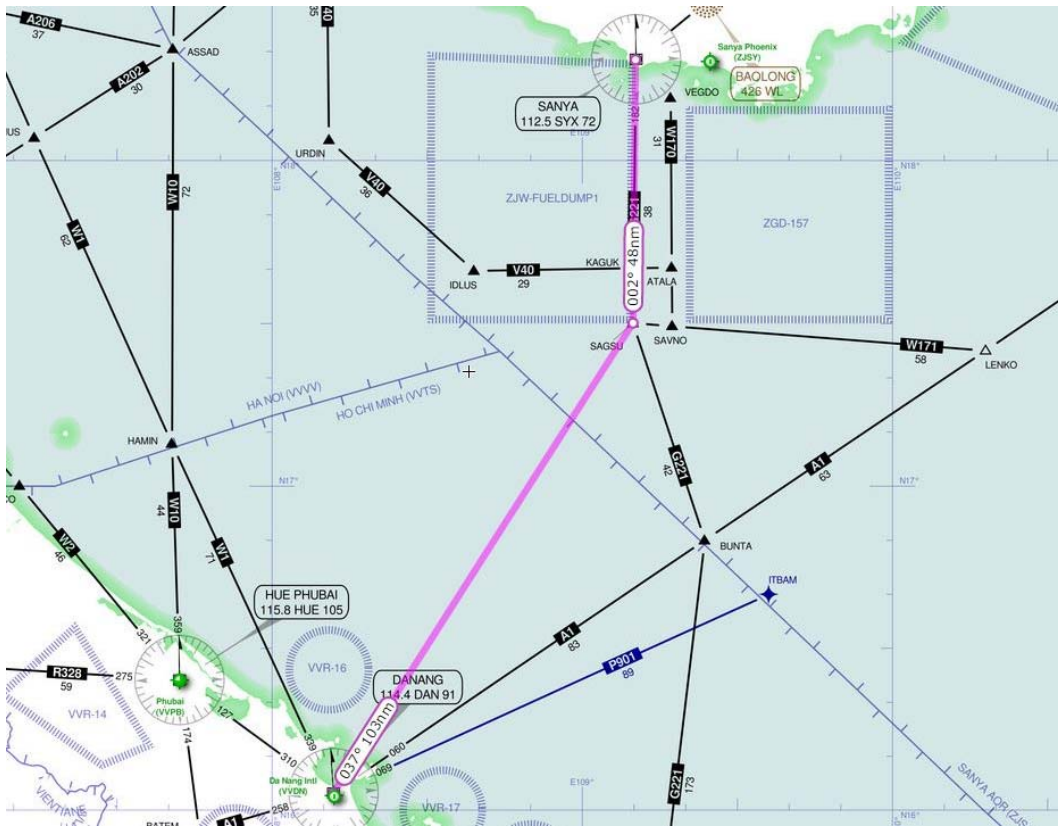




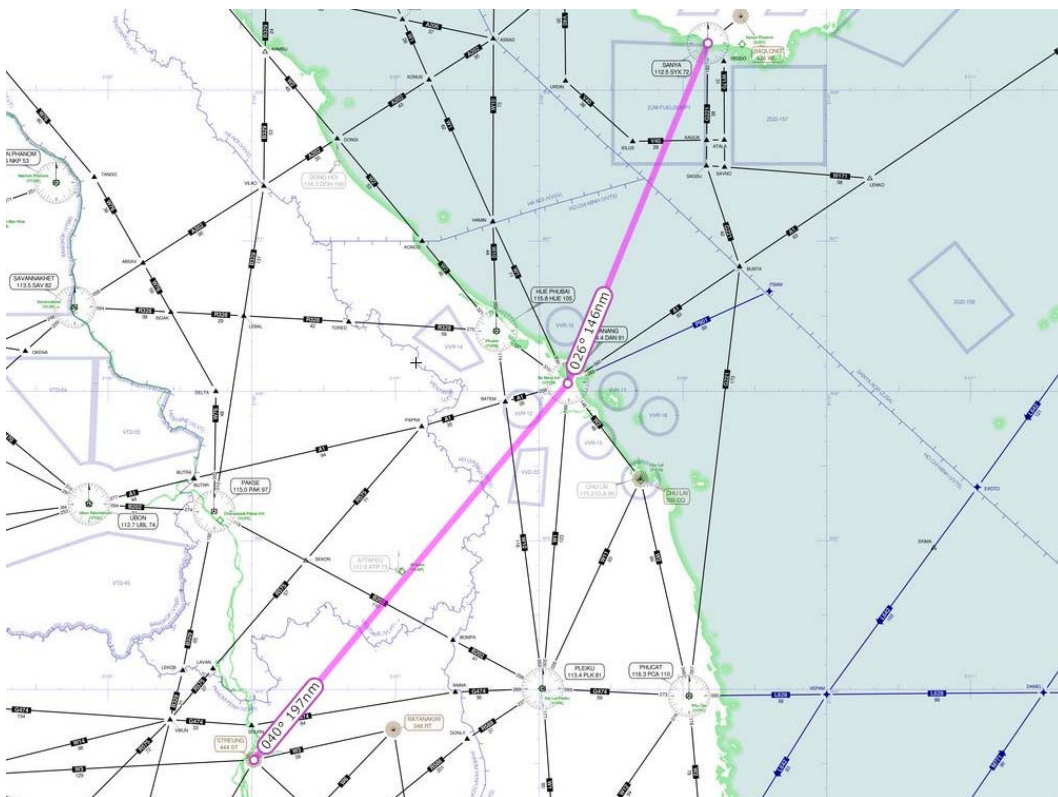
SCS 7 A



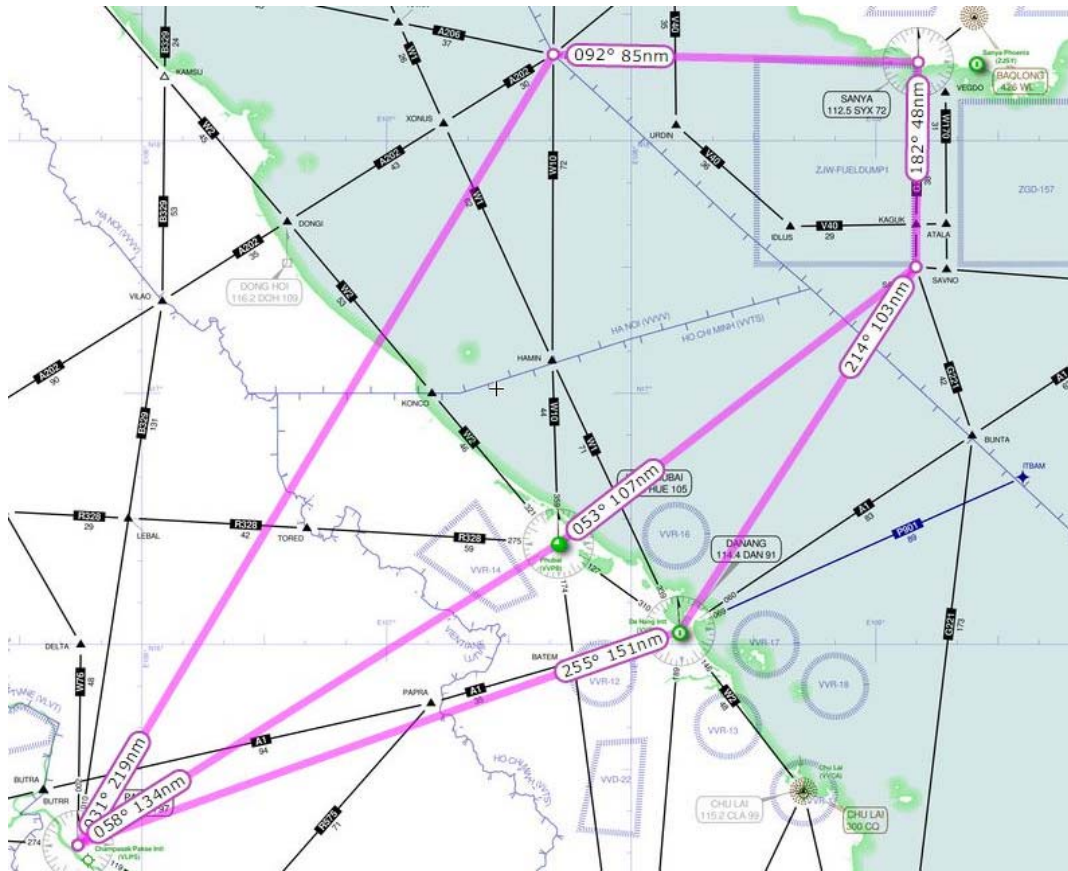
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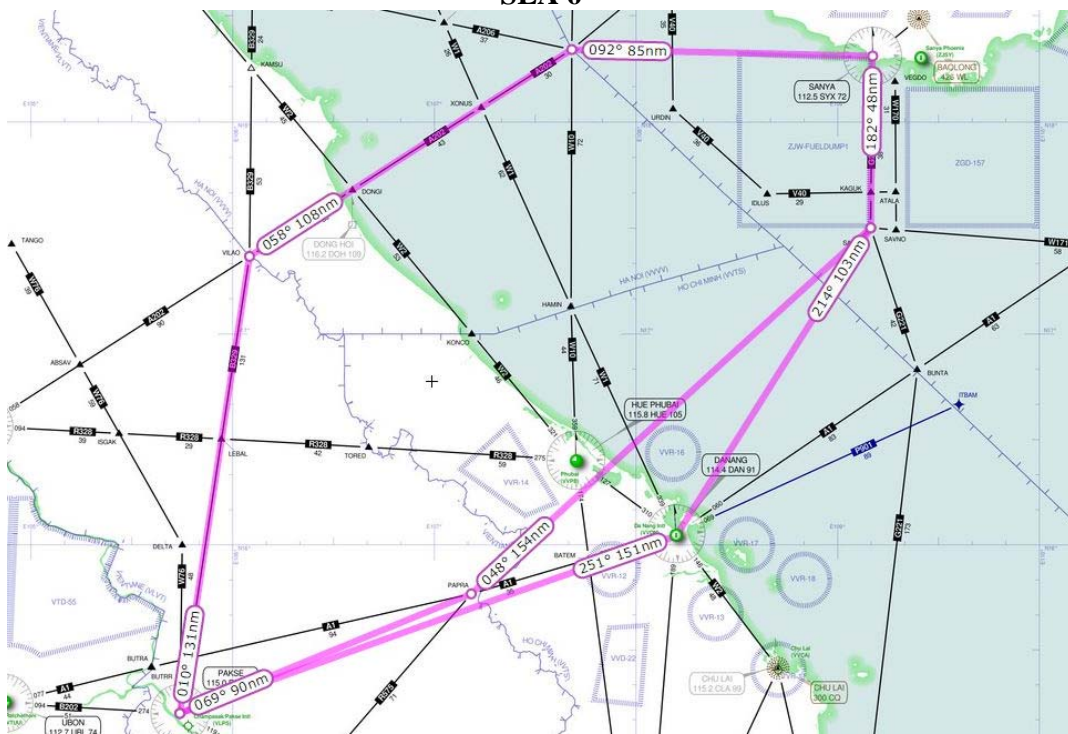
SEA 2



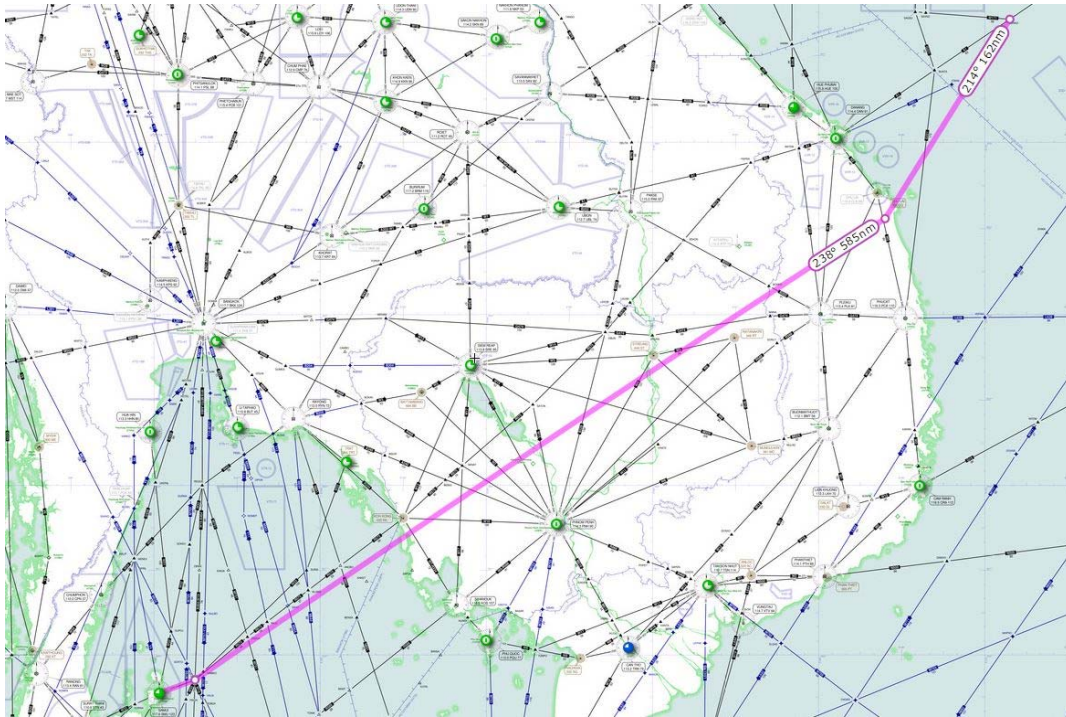
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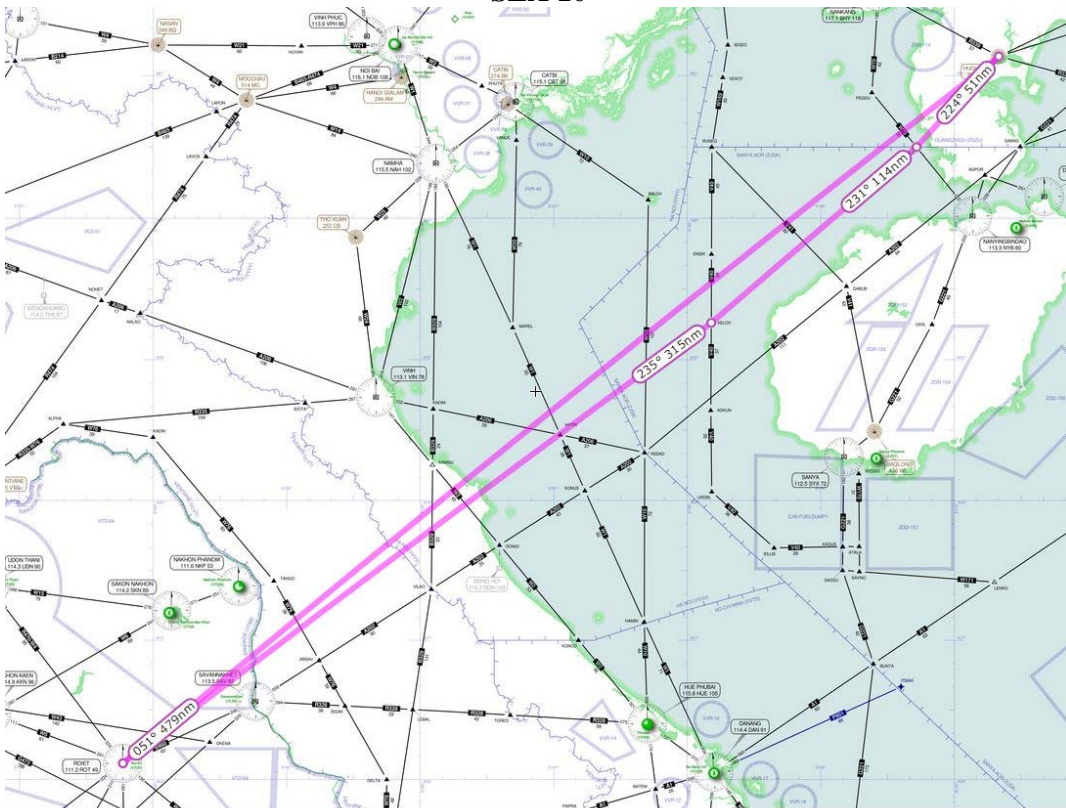
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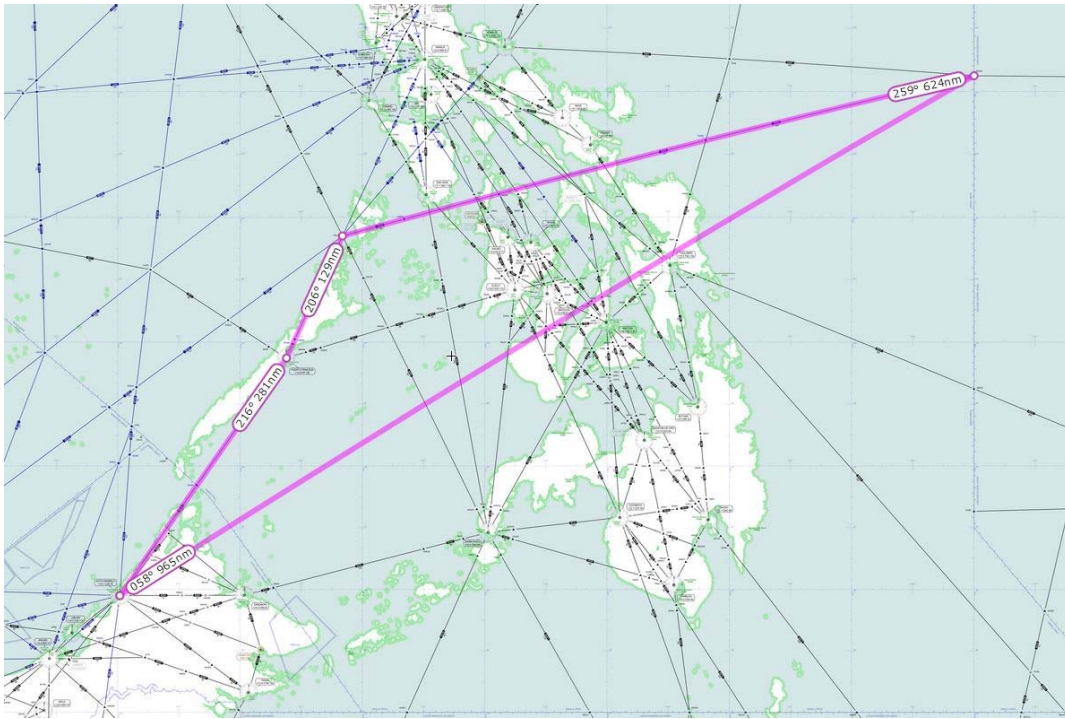
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**SEA 10**



**SEA 12**



**RCPH 05**