



*International Civil Aviation Organization*  
**ICAO** **Twenty-Eighth Meeting of the Regional Airspace Safety  
Monitoring Advisory Group (RASMAG/28)**

Bangkok, Thailand, 21 – 24 August 2023

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**Agenda Item 3: Reports from Asia/Pacific RMAs and EMAs**

**HOT SPOT IDENTIFICATION PROCESS APPLIED TO HOT SPOT N**

(Presented by the United States/PARMO)

**SUMMARY**

This flimsy provides the results of the MAWG Hot Spot Identification process to Hot Spot N, Central East Pacific (CEP) Traffic Flow.

**1. INTRODUCTION**

1.1 The Monitoring Agency for Asia Region (MAAR) presented a draft process for identifying, monitoring and removing LHD Hot Spots for the Regional Monitoring Agencies (RMAs) and En-route Monitoring Agencies (EMAs) in the Asia Pacific Region at the Ninth Meeting of the RASMAG Monitoring Agencies Working Group (RASMAG/MAWG/9) in February 2022. Results of the experiment on the proposed Hot Spot identification process were also discussed and agreed to conduct as a trial at the meeting.

1.2 The CEP traffic flow contains air traffic between Mainland North America and Hawaii. The RASMAG/24 meeting designated this area as a hot spot (Hot Spot N). This flimsy provides the results from the application of the hot spot identification process to the CEP Traffic Flow, Hot Spot N.

**2. DISCUSSION**

2.1 RASMAG/28 WP18 discussed the CEP Traffic Flow, Hot Spot N. **Table 1** provides the results of the Hot Spot identification process applied to the CEP Traffic Flow, Hot Spot N.

	2018	2019	2020	2021	2022
Number of LHDs in Hot Spot N	11	36	29	42	44
Number of Clusters (n) in Region	4	3	3	3	3
Hot Spot N Operational Risk ( $\times 10^{-9}$ fapfh)	23.7	16.4	17.3	23.7	21.2
Criteria: Number of Occurrences in Region/(n+1)	6.4	20.75	12.85	16.25	17.5
Criteria: Region Risk Estimate ( $\times 10^{-9}$ fapfh)/(n+1)	5.28	7.85	5.5	7.05	8.15
Criteria: TLS $\geq 5 \times 10^{-9}$ fapfh	5	5	5	5	5
<b>Result and Action by RASMAG Meeting</b>	Continue Monitoring (RASMAG/24)	Continue Monitoring (RASMAG/25)	Continue Monitoring (RASMAG/26)	Continue Monitoring (RASMAG/27)	Continue Monitoring (RASMAG/28)

**Table 1:** Hot Spot N Results

2.2 The results shown in Table 1 confirm the decision to continue monitoring the data collected for Hot Spot N. PARMO will provide an update for Hot Spot N to RASMAG/29 in 2024.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.

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