



ICAO

International Civil Aviation Organization

**Thirtieth Meeting of the Regional Airspace Safety Monitoring
Advisory Group (RASMAG/30)**

Bangkok, Thailand, 14 – 17 July 2025

Agenda Item 2: Review Outcomes of Related Meetings

FIT-ASIA MEETING OUTCOMES

(Presented by the Secretariat)

SUMMARY

This paper presents the outcomes of the Fifteenth Meeting of the Future Air Navigation Services (FANS) Interoperability Team-Asia (FIT-Asia/15) for review by RASMAG/30.

1. INTRODUCTION

1.1 The Fifteenth Meeting of the FANS Interoperability Team-Asia (FIT-Asia/15) was held in Bangkok, Thailand from 24 to 27 June 2025. A Performance-Based Communication and Surveillance (PBCS) Seminar was conducted in conjunction with the FIT-Asia/15 on 26 June 2025.

1.2 Mr. Hong Yang, Engineer, China Regional Monitoring Agency, chaired the meeting.

1.3 The full report of the meeting is available on the FIT-Asia/15 meeting web-page at: <https://www.icao.int/APAC/Meetings/Pages/2025-FIT-Asia-15.aspx>.

2. DISCUSSION

FIT-Asia Problem Reports

2.1 **Figure 1** illustrated the number of PRs submitted by the FIT-Asia States per calendar year since 2016.

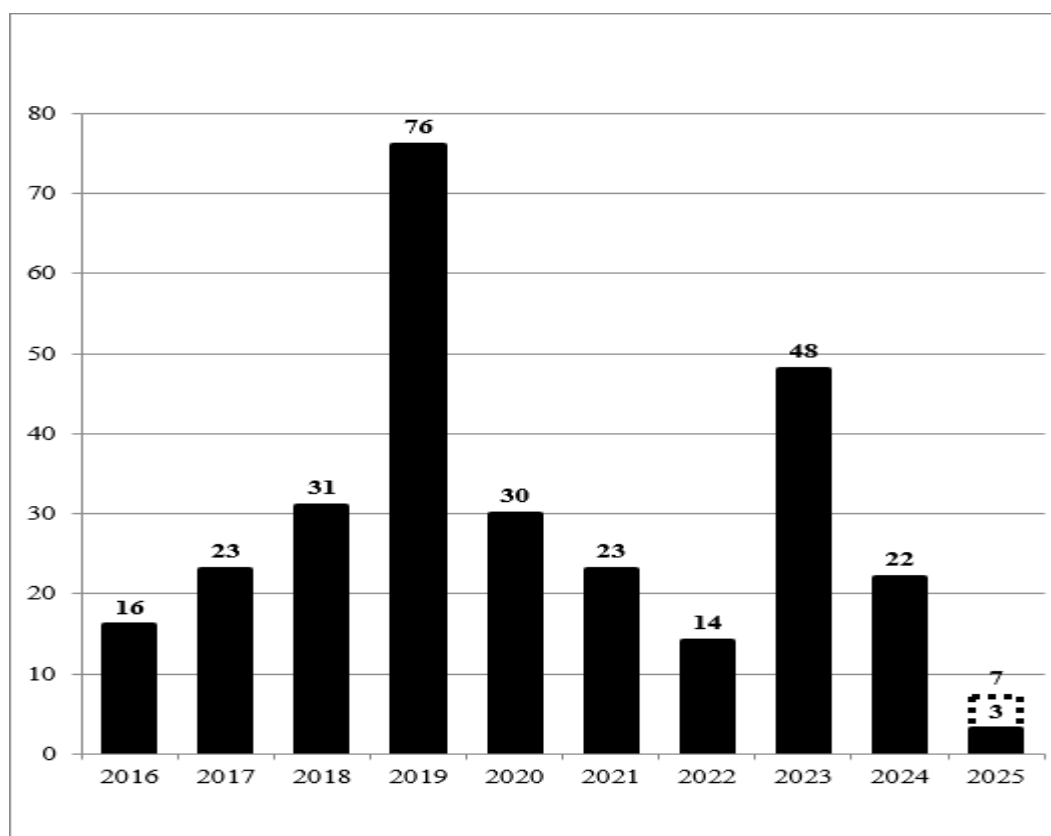


Figure 1: FIT-Asia PR Submissions per Year

2.2 CRA Boeing clarified that the significant decrease in PRs (from 56 PRs in 2024 to six PRs as of June 2025) was due to the following reasons:

- CRA Boeing and Singapore had agreed on a revised threshold, under which duplicate PRs would no longer be included in the statistics; and
- Some PRs had been submitted directly to Boeing Services instead of through the CRA website, and these PRs were not reflected in the statistics.

2.3 The FIT-Asia/15 meeting noted that CRA Boeing would not be able to conduct analyses for PRs received from States without a formal service agreement. However, it was also noted that PRs related to Boeing aircraft could be sent directly by the aircraft operators to Boeing Services for analysis.

Regional PBCS Implementation Update

2.4 ICAO Secretariat provided an update on the status of Performance-Based Communications and Surveillance (PBCS) implementation among Asia/Pacific Administrations, as reported using the regional Survey of the Status of Current and Planned Implementation of Performance-Based Horizontal Separation Minima form. The Meeting was reminded of relevant Conclusions of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG) and the Regional Airspace Safety Monitoring Advisory Group (RASMAG):

Conclusion APANPIRG/27-7: PBCS Operator Requirements

Conclusion RASMAG/22-3: Performance-Based Separation Implementation Survey

Conclusion APANPIRG/28-11: PBCS Operational Authorizations

Conclusion RASMAG/23-1: PBCS Compliance

Conclusion RASMAG/27-2: Updated Reporting of PBCS Implementation Status and Performance Monitoring Data

2.5 The FIT-Asia/15 meeting was reminded that States were expected to submit the completed survey report form to the ICAO Asia/Pacific Regional Office by no later than 28 February each year, even if there had been no changes to the reported status from previous years.

2.6 The FIT-Asia/15 meeting was informed that the following 14 Asia/Pacific Administrations had submitted completed survey form for the 2025 update.

Bangladesh, Bhutan, China, Fiji, India, Japan, Malaysia, Nepal, New Zealand, Philippines, Singapore, Sri Lanka, United States and Viet Nam.

2.7 ICAO Secretariat recalled the provision of ICAO Annex 11 regarding the requirement for performance monitoring, specifically where RCP/RSP specifications are applied:

3.3.5.2 Where RCP/RSP specifications are applied, programmes shall be instituted for monitoring the performance of the infrastructure and the participating aircraft against the appropriate RCP and/or RSP specifications, to ensure that operations in the applicable airspace continue to meet safety objectives. The scope of monitoring programmes shall be adequate to evaluate communication and/or surveillance performance, as applicable.

2.8 The FIT-Asia/15 meeting noted that ICAO Asia/Pacific Regional Office would continue to monitor regional implementation, and raise APANPIRG Air Navigation Deficiencies or take other action as necessary in cases where States do not comply with relevant ICAO provisions.

2.9 ICAO Secretariat clarified that the procedures for the amendment of Regional Supplementary Procedures were provided in the ICAO Doc 7030 – Regional Supplementary Procedures, and PBCS proposal for amendment (PfA) Doc 7030 template was available on the ICAO Asia/Pacific Regional Office eDocuments webpage under “Data-Link” category.

Competent Airspace Safety Monitoring Organizations List

2.10 The RASMAG List of Competent Airspace Safety Monitoring Organizations (last updated on 21 August 2024) was reviewed and updated by FIT-Asia/15, and will be submitted for further review by RASMAG/30.

Data Link Performance Reports

2.11 The FIT-Asia/15 meeting was provided with updated information of Data Link Performance Reports by China, India, Indonesia, Malaysia, Philippines, Singapore, and Sri Lanka.

2.12 The FIT-Asia/15 meeting was reminded that the revised colour key code for “yellow – acceptable performance” had been discussed at FIT-Asia/14, and that RASMAG/29 (held from 19 to 22 August 2024 in Bangkok, Thailand) agreed to the following Conclusion:

Conclusion RASMAG/29-1: Revised colour key codes for Asia/Pacific PBCS reporting templates

That, the following PBCS reporting templates and example were revised to correctly reflect the criteria colour key code for yellow acceptable performance and be uploaded to the Asia/Pacific Regional Office to replace the existing ones.

1. Data Link Performance Report Template – ANSP to FIT (Appendix C to the Report);

2. *EXAMPLE - Data Link Performance Report Template – ANSP to FIT (Appendix D to the Report); and*
3. *Aggregated Regional Data Link Performance Report Template - FIT to RASMAG (Appendix E to the Report).*

The above files to be uploaded on the ICAO Asia/Pacific Regional Office eDocuments webpage.

2.13 **Figure 2** provides the revised colour key codes under the above Conclusion.

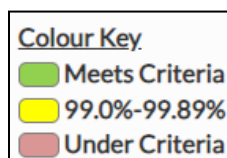


Figure 2: Revised Colour Key Code for Yellow Acceptable Performance

2.14 States were urged to use the latest template to ensure accurate data collection and analysis; therefore, all future submissions should align with the updated format.

2.15 The FIT-Asia/15 meeting was informed that Malaysia had not implemented 50 NM and 30 NM longitudinal separations (RCP240 and RSP180) in the Kuala Lumpur FIR. Currently, PBCS performance data was used to help operators address performance issues in preparation for its implementation. In the meantime, non-PBCS equipped aircraft in the Kuala Lumpur FIR would continue to be provided with 50 NM longitudinal separation using distance-based separation, with procedural position reports (ICAO Doc 4444 paragraph 5.4.2.6.3).

2.16 The FIT-Asia/15 meeting recalled that the current version of ICAO Doc 9869 specified only DM0 WILCO for use in PORT data analysis, and noted that the next version was expected to include additional downlink message (DM) responses for this purpose. As ICAO Doc 9869 is a guidance document, the Meeting further noted that some ANSPs had chosen to include other DMs such as DM1 UNABLE, DM2 STANDBY, DM3 ROGER, DM4 AFFIRM, and DM5 NEGATIVE in their PORT data analysis.

2.17 The FIT-Asia/15 meeting noted that some airlines had continued to file RCP and RSP indicators despite lacking PBCS approval, with such cases typically identified during post-monitoring of poor performance. Monitoring agencies reported instances of non-compliance and reminded operators not to file as PBCS-approved; however, this did not ensure continued compliance, as such information was not always accessible to ANSPs. The Meeting acknowledged the potential benefit of sharing a consolidated list of non-PBCS-approved airframes with ANSPs to support more consistent application of performance-based separation minima. ICAO clarified that, unlike RVSM, there was no official list of non-PBCS-approved aircraft due to differing requirements. However, a list based on monitoring results could be compiled for RASMAG consideration, with Singapore noting that such a list would serve as situational awareness for ANSPs operating in PBCS airspace, without altering existing procedures.

Asia/Pacific Region Combined PBCS Monitoring Report

2.18 Indonesia and Malaysia presented the aggregated data link performance monitoring report for the Asia/Pacific Region, prepared with support from Japan. **Table 1** listed the FIRs for which data link performance reports were provided and included in the regional report.

Table 1: 2024 Data Performance – Reporting FIRs

Reporting FIRs		
State	FIR	Location Indicator
United States	Oakland Oceanic	KZAK
	Anchorage Oceanic	PAZA
Fiji	Nadi* ¹	NFFF
French Polynesia	Tahiti	NTTT
New Zealand	Auckland Oceanic	NZZO
Australia	Brisbane	YBBB
	Melbourne	YMMM
Vietnam	Ho-Chi-Minh	VVTS
China	Urumqi	ZWWW
	Lanzhou	ZLLL
India	Chennai	VOMF
	Kolkata	VECF
	Mumbai	VABF
Japan	Fukuoka	RJJJ
Malaysia	Kuala Lumpur	WMFC
Sri Lanka	Colombo* ²	VCCF
Indonesia	Ujung Pandang	WAAF
Philippines	Manila	RPHI
Singapore	Singapore	WSJC

*1 = Nadi: January-June 2024 data only, *2 = Colombo: May-December 2024 data only

2.19 **Table 2** showed the combined data for RSP across all media types in 2024. The 95 percent standard was achieved in all FIRs. None of the FIRs met the 99.9 percent standard, but all FIRs except Chennai and Kolkata achieved a clearance rate of 99.0 percent.

Table 2: RSP Aggregated Data (All Media Types)

REQUIRED SURVEILLANCE PERFORMANCE						
Region	Asia-Pacific Region					
Performance Criteria	RSP180					
Time Period	2024 January-June			2024 July-December		
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	No. Messages	Criteria		No. Messages	Criteria	
		95%	99.90%		95%	99.90%
		% < = 90sec	% <= 180sec		% < = 90sec	% <= 180sec
Aggregate All RGS						
KZAK	5971271	98.69%	99.61%	6372030	98.77%	99.63%
NFFF	323568	99.12%	99.64%			
NTTT	113440	99.59%	99.83%	98835	99.40%	99.67%
NZZO	491645	98.93%	99.73%	461189	98.45%	99.51%
YBBB	1450812	99.49%	99.83%	1397596	99.37%	99.77%
YMMM	1120452	99.48%	99.82%	1120452	99.48%	99.82%
VVTS	271764	98.74%	99.72%	289712	98.88%	99.72%
ZWWW	210283	98.40%	99.50%	155462	98.40%	99.50%
ZLLL	331337	98.20%	99.50%	312276	98.30%	99.50%
VOMF	287424	97.49%	98.92%	283528	96.83%	98.54%
VECF	557384	98.00%	98.96%	291377	97.58%	98.66%
VABF	774232	97.51%	99.11%	782999	96.91%	98.74%
RJJJ	3091247	98.41%	99.59%	3659783	98.45%	99.58%
WMFC	335522	98.65%	99.57%	253690	98.72%	99.55%
RPHI	627,080	98.38%	99.39%	680993	98.28%	99.29%
WSJC	810654	98.84%	99.76%	795579	98.92%	99.75%
VCCF	102604	98.83%	99.84%	402896	98.53%	99.65%
PAZA	1911481	98.74%	99.62%	2253510	98.87%	99.66%
WAAF	241952	98.96%	99.48%	277369	99.01%	99.48%

2.20 The FIT-Asia/15 meeting was informed that **Figure 3** illustrated the RSP message counts for each FIR in 2024, showing an increase in most FIRs from the first half to the second half of the year.

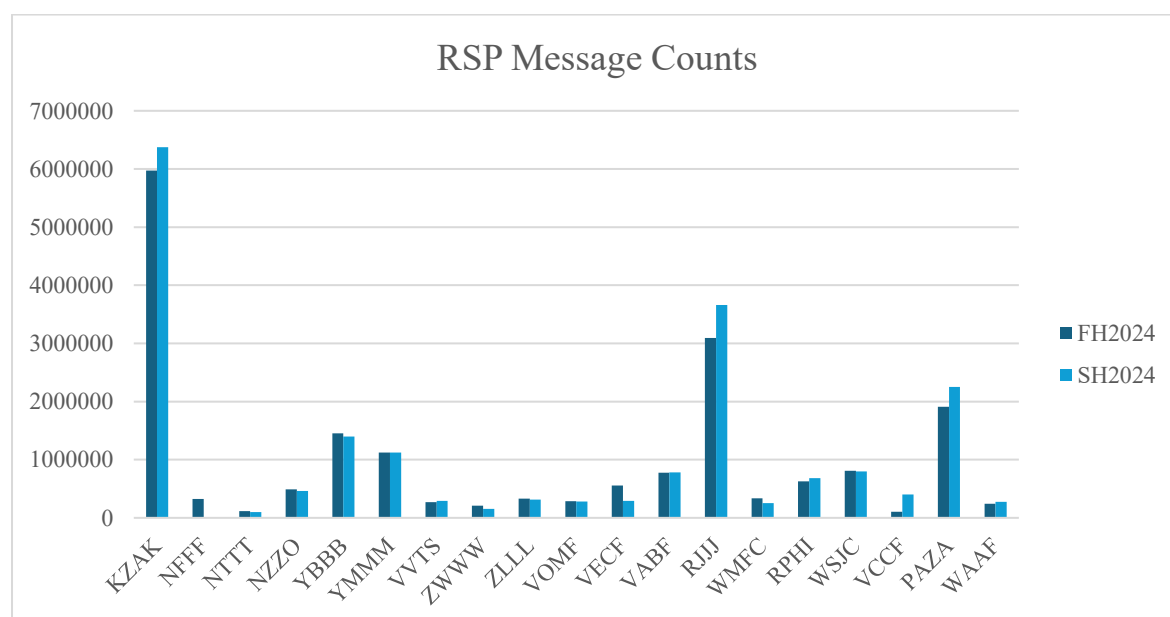


Figure 3: RSP Message Counts of Each FIR in 2024

2.21 The FIT-Asia/15 meeting was informed that APAC RSP message counts reached their lowest point in the second half of 2020 before beginning a recovery trend. From 2019 to 2024, the 95% and 99.90% performance criteria were consistently met, with 95% threshold achievement generally between 98% and 99%, and 99.90% performance remaining above 99.5%, despite minor fluctuations. (Figure 4)

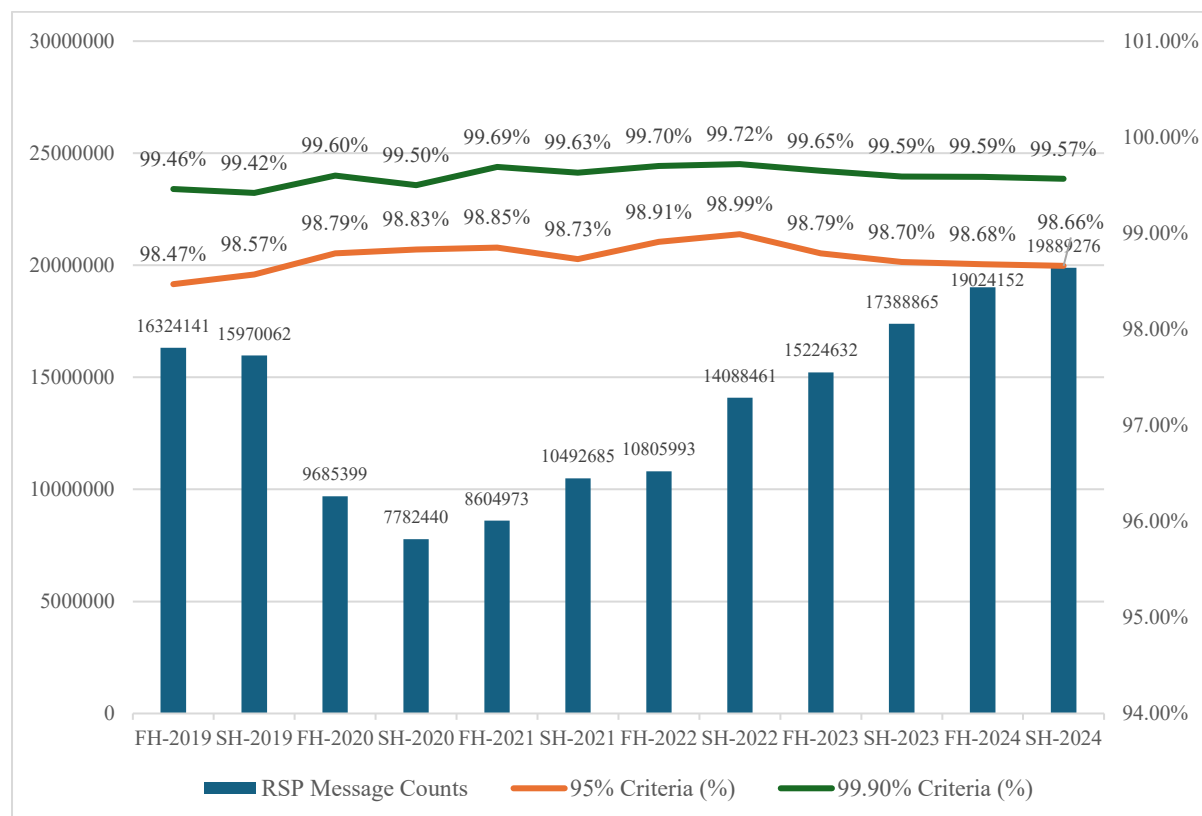


Figure 4: Number of RSP Message Counts and Percentage of Meeting 95% and 99.90% Criteria

2.22 RCP240 performance in the Asia/Pacific region was generally robust in 2024, with most FIRs meeting or exceeding the 95% criteria for ACP and ACTP. However, performance against the 99.9% criteria showed greater variability, with several FIRs, including Kolkata, Kuala Lumpur, and Manila, underperforming in at least one half of the year. (Table 3)

Table 3: RCP Aggregated Data (All Media Types)

REQUIRED COMMUNICATIONS PERFORMANCE										
Region	Asia-Pacific Region									
Performance Criteria	RCP240									
Time Period	2024 January-June					2024 July - December				
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	No. Messages	ACP Criteria		ACTP Criteria		No. Messages	ACP Criteria		ACTP Criteria	
		95%	99.90%	95%	99.90%		95%	99.90%		
		% <= 180sec	% <= 210sec	% <= 120sec	% <= 150sec		% <= 180sec	% <= 210sec	% <= 120sec	% <=150sec
Aggregate All RGS										
KZAK	356648	99.37%	99.53%	99.60%	99.70%	392772	99.31%	99.46%	99.55%	99.65%
NFFF	10980	99.49%	99.74%	99.74%	99.80%					
NTTT	3902	99.67%	99.85%	99.77%	99.87%	3110	99.71%	99.74%	99.71%	99.81%
NZZO	92307	99.23%	99.50%	99.47%	99.68%	84705	98.96%	99.25%	99.30%	99.48%
YBBB	43673	99.54%	99.54%	99.67%	99.68%	42531	99.54%	99.57%	99.71%	99.73%
YMMM	46001	99.63%	99.63%	99.76%	99.75%	49595	99.72%	99.74%	99.81%	99.83%
VVTS	76964	98.36%	99.66%	98.89%	99.82%	76981	98.35%	99.61%	98.88%	99.80%
ZWWW	33	87.87%	87.87%	87.87%	87.87%	34	100.00%	100.00%	100.00%	100.00%
ZLLL	2164	98.38%	99.12%	98.75%	99.63%	2389	98.40%	98.15%	98.74%	98.95%
VOMF	145895	99.80%	99.80%	99.81%	99.62%	149114	99.63%	99.76%	99.74%	99.82%
VECF	17958	98.60%	98.92%	98.91%	99.21%	20325	98.77%	98.94%	99.01%	99.16%
VABF	147275	98.55%	99.24%	99.07%	99.65%	171155	98.41%	99.14%	99.01%	99.59%
RJJJ	67522	99.68%	99.70%	99.79%	99.80%	78527	99.61%	99.61%	99.76%	99.74%
WMFC	5833	98.75%	98.63%	99.14%	99.11%	5583	98.82%	98.85%	99.21%	99.28%
RPHI	23358	98.30%	98.69%	98.56%	98.87%	44358	98.44%	98.63%	98.65%	98.81%
WJSC	45233	99.28%	99.42%	99.51%	99.60%	51007	99.43%	99.47%	99.61%	99.65%
VCCF	5678	97.68%	99.51%	98.66%	99.70%	20337	96.84%	99.22%	99.01%	99.72%
PAZA	119296	99.39%	99.45%	99.59%	99.64%	138314	99.08%	99.53%	99.36%	99.67%
WAAF	42694	99.37%	99.80%	99.53%	99.85%	46592	99.31%	99.75%	99.43%	99.79%

2.23 **Figure 5** illustrated that RCP message counts in most FIRs increased from the first to the second half of 2024. Manila and Colombo FIR showed significant increases, while other FIRs recorded increases of less than 20% or experienced a decline.

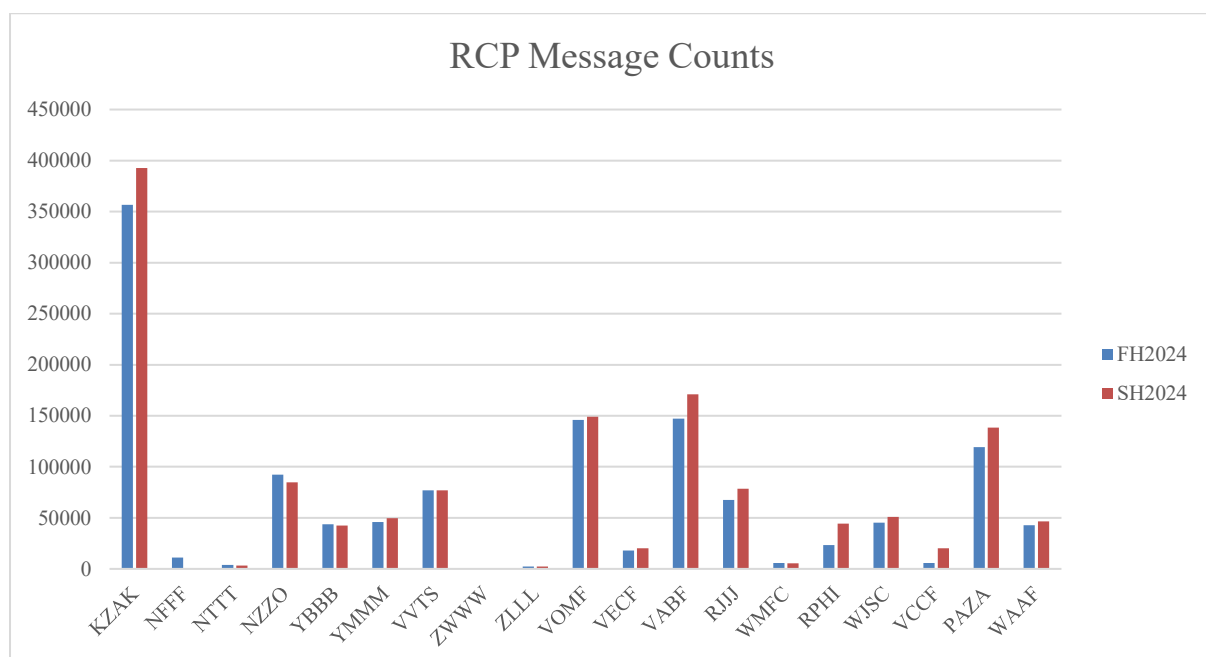


Figure 5: RCP Message Counts of Each FIR in 2024

2.24 **Figure 6** and **Figure 7** indicated that ACP and ACTP RCP message counts reached their lowest point in the second half of 2020, followed by a recovery trend, peaking in the second half of 2024. Message counts exceeded 1.4 million, surpassing pre-COVID-19 levels recorded in 2019.

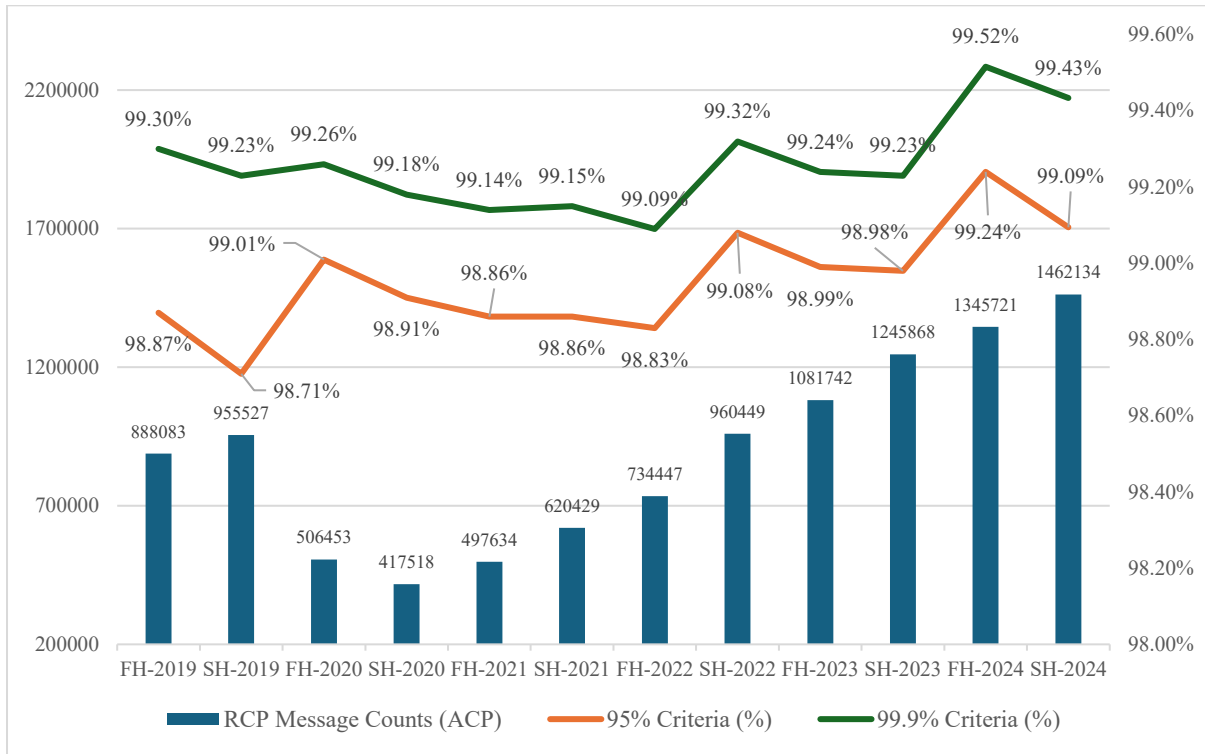


Figure 6: Number of RCP Message Counts, and Percentage Meeting 95% and 99.90% Criteria (ACP)

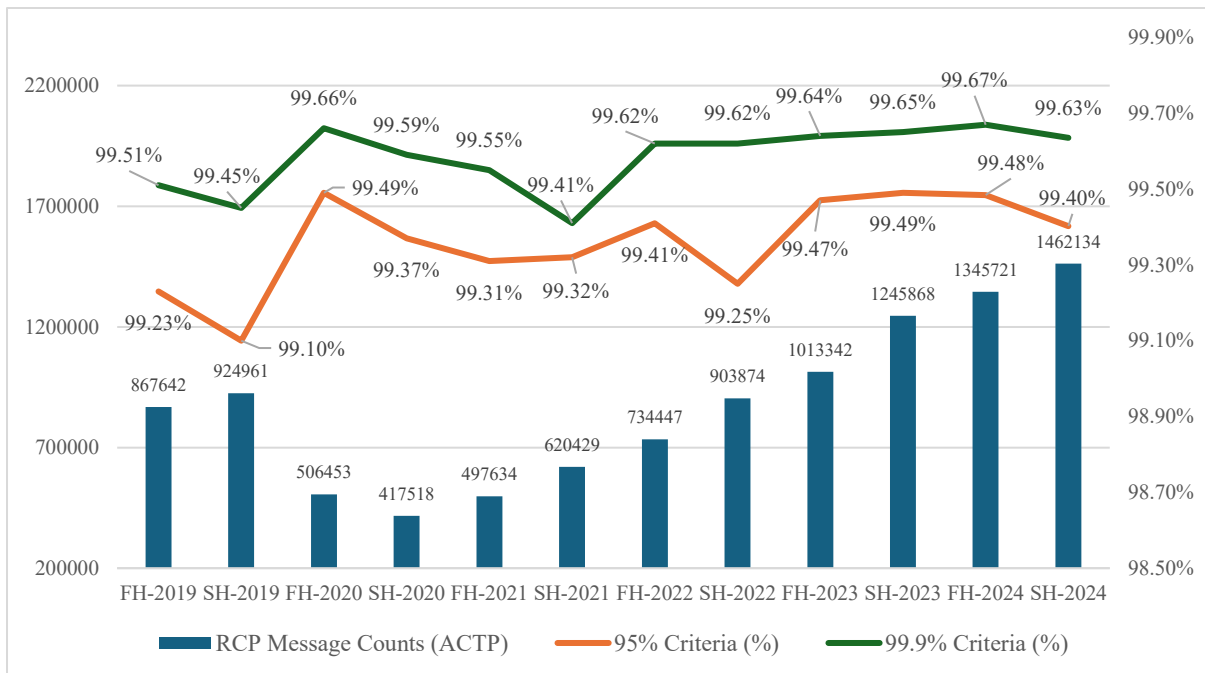


Figure 7: Number of RCP Message Counts, and Percentage Meeting 95% and 99.90% Criteria (ACTP)

2.25 The percentages meeting the 95% and 99.90% criteria for both ACP and ACTP gradually increased from 2019 to 2024. After a decline in data counts in 2020, a consistent upward trend was observed through to 2024.

2.26 **Table 4** illustrated that certain combinations of aircraft operators and aircraft types, each with over 1,000 message counts in either half of 2024, did not achieve PORT compliance.

Table 4: Combinations of Aircraft Operators and Types Confirmed Non-Compliance of PORT

Criteria		RCP240											
Period		Jan - Jun 2024						Jul - Dec 2024					
Colour Key Meets Criteria 99.0%-99.8% Under Criteria		Message Counts	95% benchmark		99.9% Benchmark		95%	Message Counts	95% benchmark		99.9% Benchmark		95%
			ACP	ACTP	ACP	ACTP	PORT		ACP	ACTP	ACP	ACTP	PORT
			% <= 180sec	% <= 120sec	% <= 210sec	% <= 150sec	%<60secs		% <=180sec	% <= 120sec	% <= 210sec	% <= 150sec	%<60secs
FIR	By Aircraft Operator / Type (only message counts >100 recorded)												
KZAK	UAL/B738	6779	96.80%	97.43%	97.83%	98.97%	94.73%	7841	95.92%	96.88%	97.35%	98.55%	93.19%
KZAK	MIL/C17	2693	98.14%	99.70%	98.55%	99.85%	94.69%	2536	97.99%	99.53%	98.34%	99.72%	94.79%
KZAK	MIL/K35R	1456	97.46%	99.79%	98.15%	99.93%	90.18%	1676	97.37%	99.76%	98.15%	99.82%	91.29%
VVTS	AAR	1135	98.29%	99.74%	98.68%	100.00%	94.27%	838	98.10%	99.27%	99.50%	99.61%	93.80%
VVTS	CAL	2905	97.90%	99.40%	98.66%	99.54%	94.87%	2818	98.10%	99.10%	98.69%	99.44%	95.88%
VVTS	JAL	1522	98.14%	99.93%	98.90%	100.00%	95.20%	1377	97.97%	99.98%	98.68%	100.00%	93.92%
VVTS	KAL	3776	97.56%	99.13%	98.39%	99.62%	94.15%	3057	97.87%	99.54%	98.69%	99.73%	94.80%
VVTS	SJX	1525	98.37%	99.10%	98.76%	99.52%	95.68%	1411	97.43%	98.70%	98.37%	99.15%	94.47%
VABF	ALK/A21N	789	96.61%	99.11%	97.31%	99.41%	90.75%	1068	97.33%	98.83%	98.33%	99.23%	92.42%
VABF	ALK/A332	1347	98.22%	99.38%	99.10%	99.87%	94.28%	692	97.69%	98.96%	98.63%	99.74%	93.50%
VABF	ETD/A320	3140	97.44%	99.25%	98.22%	99.48%	91.24%	2633	95.71%	98.82%	97.85%	99.42%	88.49%
VABF	ETD/A321	4613	97.31%	99.45%	98.19%	99.71%	90.53%	5720	95.89%	98.74%	97.47%	99.44%	90.02%
VABF	KAC/A20N	1092	97.07%	99.11%	98.24%	99.97%	91.85%	1293	96.44%	97.76%	97.64%	98.70%	92.34%
VABF	MAU/A332							1300	98.86%	99.67%	99.31%	99.98%	94.31%
VABF	QTR/A332	900	98.01%	99.80%	98.40%	99.84%	90.22%	2009	98.06%	99.50%	98.82%	99.82%	91.29%
VABF	QTR/A333	2025	97.71%	99.58%	98.42%	99.74%	91.56%	2489	98.03%	99.46%	98.58%	99.65%	91.92%
VABF	QTR/B77W	9722	97.73%	97.92%	98.64%	98.94%	96.55%	11176	96.69%	97.19%	98.09%	98.35%	95.63%
VABF	SVA/A333	3057	97.17%	99.54%	97.96%	99.80%	88.06%	2969	97.00%	99.81%	97.91%	99.96%	86.09%
VABF	THY/A333	878	97.45%	99.48%	98.34%	99.85%	91.12%	1485	97.64%	99.09%	98.52%	99.39%	92.19%
VABF	VTI/A21N	1595	97.66%	100.00%	97.93%	100.00%	92.66%	1332	98.02%	99.81%	98.71%	99.87%	92.12%
RPHI	CAL/A359	830	94.10%	92.77%	94.54%	93.77%	92.53%	1300	93.24%	91.02%	93.64%	91.74%	91.62%
RPHI	CSN/B789	1737	95.75%	95.68%	96.06%	96.35%	93.96%	2365	96.14%	94.93%	96.44%	95.60%	94.29%
RPHI	SIA/A359	1384	94.67%	95.05%	95.16%	95.58%	92.73%	2721	95.69%	95.14%	95.96%	95.80%	93.38%
RPHI	SIA/B78X	1076	96.68%	95.57%	96.96%	96.33%	95.07%	2031	96.28%	96.12%	96.61%	96.73%	93.75%
WAAF	CPA/B77W	1759	98.64%	99.86%	99.39%	99.94%	92.33%	2375	98.78%	99.86%	99.24%	99.90%	94.40%
PAZA	CKS/B744	3154	97.94%	97.75%	98.57%	98.60%	96.07%	3931	96.51%	98.37%	97.69%	98.98%	94.38%
PAZA	CPA/B748	2571	98.02%	98.33%	99.07%	98.95%	95.76%	3061	94.51%	98.14%	96.21%	98.56%	91.44%
PAZA	DAL/A339	2220	98.47%	99.23%	99.05%	99.50%	95.90%	1774	98.76%	99.66%	99.27%	99.89%	94.59%
PAZA	CPA/B77W	1426	98.88%	99.09%	99.37%	99.37%	96.91%	2122	98.30%	98.87%	98.73%	99.48%	94.67%

2.27 The FIT-Asia/15 meeting was informed that the details, including PBCS data provided by States/Administrations, could be found in **Attachment A**.

2.28 States/Administrations were invited to double-check the data before submission each year to avoid format errors and consistency issues.

2.29 The FIT-Asia/15 Meeting commended Indonesia and Malaysia for their contributions in consolidating and presenting the regional combined PBCS monitoring report, and also expressed its appreciation to Japan for their valuable support.

Extension of the Network Outage Reporting and Impact Assessment (NORIA) Handbook for Global Applicability

2.30 The FIT-Asia/15 meeting noted Singapore's update on discussions within the OPDLWG regarding the potential global extension of the draft NORIA Handbook, originally developed by the NAT TIG. The handbook aims to standardize how CSPs and SSPs report network outages, degradations, and maintenance to ANSPs, using a common format and taxonomy to support operational impact assessment.

2.31 The current draft only covers the North Atlantic Region, but discussions are underway to expand its scope globally. EUROCONTROL has already supported its extension to continental Europe. The Meeting highlighted the need for regular updates to maintain data accuracy, and OPDLWG members confirmed they would take responsibility for keeping the handbook current if adopted globally.

2.32 The Meeting acknowledged that while some States had expressed concerns, the proposed changes involved only the implementation of standardized reporting and broader notification procedures, without causing any disadvantage. FIT-Asia supported the extension of the NORIA Handbook for global applicability, and Singapore would inform the OPDLWG of this support.

Air Navigation Deficiencies Relating to Data Link Performance Monitoring and Analysis

2.33 The Secretariat presented an update on the status of Asia/Pacific engagement in data link problem reporting through the FANS-CRA website, and performance analysis reporting to a recognised FIT.

2.34 The Meeting was informed that APANPIRG/35 agreed to the following updates to the APANPIRG ATM and Airspace Deficiencies in the Data Link field:

- a) Maldives – withdrawn. ICAO confirmed that Maldives had disabled the ADS-C function from its ATM system due to application issues, and CPDLC / HF is used beyond VHF coverage.
- b) India – remain. Performance monitoring and analysis not reported for Mumbai FIR.

2.35 Given that India had submitted the data link performance report for all the three FIRs, including Mumbai FIR, and completed annual Survey of the Status of Current and Planned Implementation of Performance-Based Horizontal Separation Minima form for 2025, the FIT-Asia/15 meeting agreed to the proposal to remove India from the APANPIRG ATM and Airspace Deficiencies list in the Data Link field, which would be proposed to RASMAG for further consideration.

India – proposed to remove

Progress on Issues Related to the Central Reporting Agency (CRA)

2.36 The FIT-Asia/15 meeting noted the key roles and responsibilities of the Central Reporting Agency (CRA) as outlined in ICAO Doc 9869, which include managing and analysing PRs, coordinating with relevant stakeholders, and supporting both regional and global monitoring activities. The CRA was also tasked with identifying performance deficiencies, issuing recommendations, and maintaining a centralized database to ensure continued compliance with performance-based separation minima and the effectiveness of data link operations.

2.37 It was recalled that APANPIRG/34 had urged States to establish formal service agreements with APANPIRG-recognised CRAs, in accordance with ICAO Annexes 6 and 11. During FIT-Asia/14, discussions were held on the possibility of expanding the existing CRA service contract used in the IPACG, ISPACG, and NAT regions to include FIT-Asia States lacking formal CRA agreements. However, this initiative could not proceed due to unforeseen administrative changes, despite prior coordination, thereby impacting other States that had anticipated inclusion under the expanded arrangement.

2.38 In light of this, the FIT-Asia/15 meeting acknowledged the need for affected States to engage directly with APANPIRG-recognised CRAs to fulfil performance monitoring requirements. Boeing, as FIT-Asia CRA, was encouraged to remain flexible and provide support throughout this coordination process.

2.39 Several FIT-Asia member States that had not yet established a formal service agreement with the CRA took the opportunity to hold side meetings with Boeing to discuss potential formal service agreement.

USOAP Update

2.40 The FIT-Asia/15 meeting noted the Secretariat's update on the 2024 edition of the USOAP Protocol Questions, which included revised and new PQs across nine audit areas to better assess States' implementation of safety oversight, requiring full evidence for satisfactory ratings and promoting alignment with other oversight activities such as the SSP.

PBCS Seminar

2.41 A Performance-Based Communication and Surveillance (PBCS) Seminar was conducted in conjunction with the FIT-Asia/15 on 26 June 2025.

2.42 Presentations were delivered by ICAO, China, Japan, New Zealand, Singapore, Boeing, and Inmarsat. The presentation materials are available on the ICAO meeting website: <https://www.icao.int/APAC/Meetings/Pages/2025-FIT-Asia-15.aspx>.

2.43 In concluding the seminar, the FIT-Asia/15 meeting expressed its appreciation to the presenting States and industry partners. Noting that similar content had been presented over several years through seminars and related events, the Meeting recognized the need to plan future sessions based on a clearer understanding of the participants' interests and expectations regarding the topics and types of lectures they wish to receive.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) note the regional PBCS implementation Status;
- c) note the continued need to encourage States to fully analyse PBCS performance that fails to meet RCP/RSP specifications, take rectification action, and report same to FIT;
- d) note the aggregated regional PBCS performance;
- e) note and agree to the FIT-Asia/15 recommendations on data link-related APANPIRG ATM and Airspace Safety Deficiencies; and
- f) discuss any relevant matters as appropriate.



ICAO

International Civil Aviation Organization

**Fifteenth Meeting of the FANS Interoperability Team – Asia
(FIT-Asia/15)**

Bangkok, Thailand, 24 – 27 June 2025

Agenda Item 4: Review of ADS/CPDLC Operations and Performance

ASIA/PACIFIC REGION COMBINED PBCS MONITORING REPORT

(Presented by Indonesia and Malaysia)

SUMMARY

This paper presents the aggregated monitoring report for the Asia/Pacific Region.

1. INTRODUCTION

1.1 This paper provides a summary of data link performance observed in the Asia/Pacific Region during 2024.

1.2 Indonesia and Malaysia express our sincere appreciation to Japan for its valuable assistance in the development of this Asia/Pacific Region Combined PBCS monitoring report.

2. DISCUSSION

Outline

2.1 Data Link performance reports for 2024 were provided for the Flight Information Regions (FIRs) listed in **Table 1**.

Table 1: 2024 Data Performance – Reporting FIRs

Reporting FIRs		
State	FIR	Location Indicator
United States	Oakland Oceanic	KZAK
	Anchorage Oceanic	PAZA
Fiji	Nadi* ¹	NFFF
French Polynesia	Tahiti	NTTT
New Zealand	Auckland Oceanic	NZZO
Australia	Brisbane	YBBB
	Melbourne	YMMM
Vietnam	Ho-Chi-Minh	VVTS
China	Urumqi	ZWWW
	Lanzhou	ZLLL
	Chennai	VOMF

Reporting FIRs		
State	FIR	Location Indicator
India	Kolkata	VECF
	Mumbai	VABF
Japan	Fukuoka	RJJJ
Malaysia	Kuala Lumpur	WMFC
Sri Lanka	Colombo* ²	VCCF
Indonesia	Ujung Pandang	WAAF
Philippines	Manila	RPHI
Singapore	Singapore	WSJC

*¹Nadi Jan-June data only, *²Colombo May-December data only,

2.2 The aggregated data is provided in the following attachments:

- Attachment A** – Reporting FIRs, performance criteria and table colour-coding
- Attachment B** – Required Surveillance Performance (RSP) aggregated data
- Attachment C** – Required Communications Performance (RCP) aggregated data
- Attachment D** – RSP issues
- Attachment E** – RCP issues

Performance criteria and colour code in FIT-Asia

2.3 **Table 2** shows the performance criteria used by the FANS Interoperability Teams (FITs).
Table 3 shows the colour codes used by the FANS Interoperability Teams (FITs)

Table 2: Performance criteria

CRITERIA		
	95%	99.90%
ASP	% <= 90sec	% <= 180sec
ACP	% <= 180sec	% <= 210sec
ACTP	% <= 120sec	% <= 150sec
PORT	% < 60sec	

Table 3: Color codes

COLOUR KEY
Meet Criteria
99.0% - 99.89%
Under Criteria
No Data

RSP aggregated data

2.4 **Table 4** represents RSP aggregated data of all media types in 2024. The 95 percent criteria were met in all FIRs. There was no FIR that met 99.9 percent criteria, but all other FIRs except Chennai and Kolkata cleared 99.0 percent.

Table 4: RSP aggregated data (All media types)

REQUIRED SURVEILLANCE PERFORMANCE						
Region	Asia-Pacific Region					
Performance Criteria	RSP180					
Time Period	2024 January-June			2024 July-December		
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	No. Messages	Criteria		No. Messages	Criteria	
		95%	99.90%		95%	99.90%
Aggregate All RGS		% < = 90sec	% <= 180sec		% < = 90sec	% <= 180sec
KZAK	5971271	98.69%	99.61%	6372030	98.77%	99.63%
NFFF	323568	99.12%	99.64%			
NTTT	113440	99.59%	99.83%	98835	99.40%	99.67%
NZZO	491645	98.93%	99.73%	461189	98.45%	99.51%
YBBB	1450812	99.49%	99.83%	1397596	99.37%	99.77%
YMMM	1120452	99.48%	99.82%	1120452	99.48%	99.82%
VVTS	271764	98.74%	99.72%	289712	98.88%	99.72%
ZWWW	210283	98.40%	99.50%	155462	98.40%	99.50%
ZLLL	331337	98.20%	99.50%	312276	98.30%	99.50%
VOMF	287424	97.49%	98.92%	283528	96.83%	98.54%
VECF	557384	98.00%	98.96%	291377	97.58%	98.66%
VABF	774232	97.51%	99.11%	782999	96.91%	98.74%
RJJJ	3091247	98.41%	99.59%	3659783	98.45%	99.58%
WMFC	335522	98.65%	99.57%	253690	98.72%	99.55%
RPHI	627,080	98.38%	99.39%	680993	98.28%	99.29%
WSJC	810654	98.84%	99.76%	795579	98.92%	99.75%
VCCF	102604	98.83%	99.84%	402896	98.53%	99.65%
PAZA	1911481	98.74%	99.62%	2253510	98.87%	99.66%
WAAF	241952	98.96%	99.48%	277369	99.01%	99.48%

2.5 **Figure 1** illustrates the numbers of RSP message counts of each FIR in 2024, and **Table 4** show that the numbers of RSP message counts in most FIRs increased from the first half of 2024 to the second half of 2024. KZAK (Oakland Oceanic), VVTS (Ho-Chi-Minh), RJJJ (Fukuoka), RPHI, VCCF (Colombo), PAZA (Anchorage Oceanic), and WAAF (Ujung Pandang) show an increase in the number of messages from January-June to July-December. NTTT (Tahiti), NZZO (Auckland Oceanic), YBBB (Brisbane), YMMM (Melbourne), ZWWW (Urumqi), ZLLL (Lanzhou), VECF (Kolkata), VABF (Mumbai), WMFC (Kuala Lumpur), and WSJC(Singapore) show a decrease in message volume in the second half of the year.

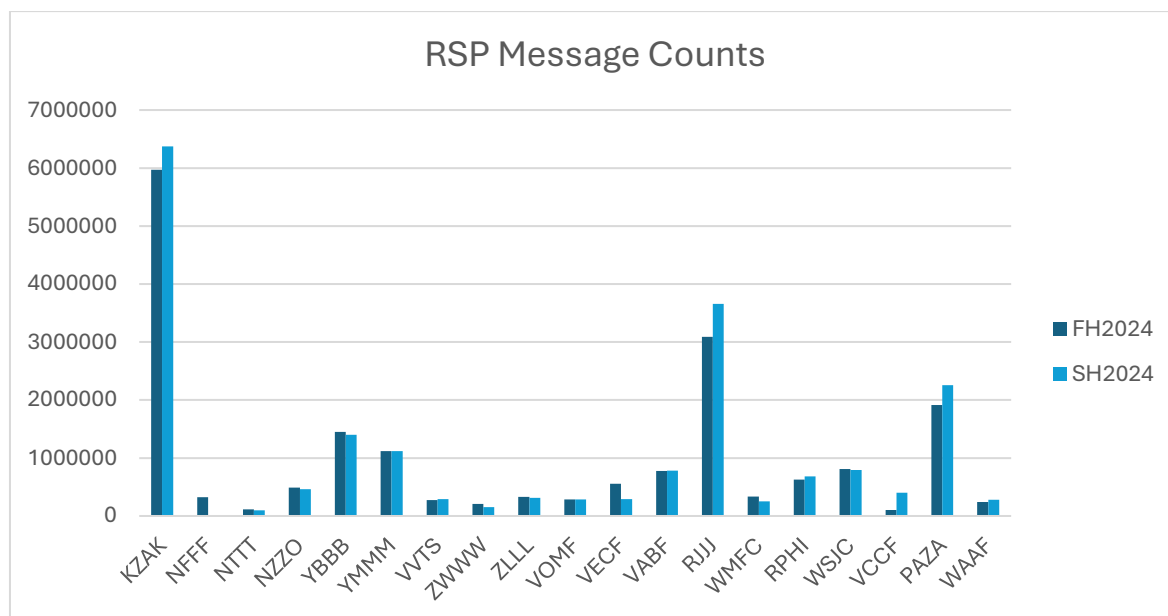


Figure 1: RSP message counts of each FIR in 2024

2.6 **Figure 2** illustrates the APAC combined number of RSP message counts, and the percentage meeting 95 percent and 99.90 percent criteria from 2019 to 2024. It is shown that the number of RSP message counts in the second half of 2020 was on the bottom, then it turned over to a recovery trend.

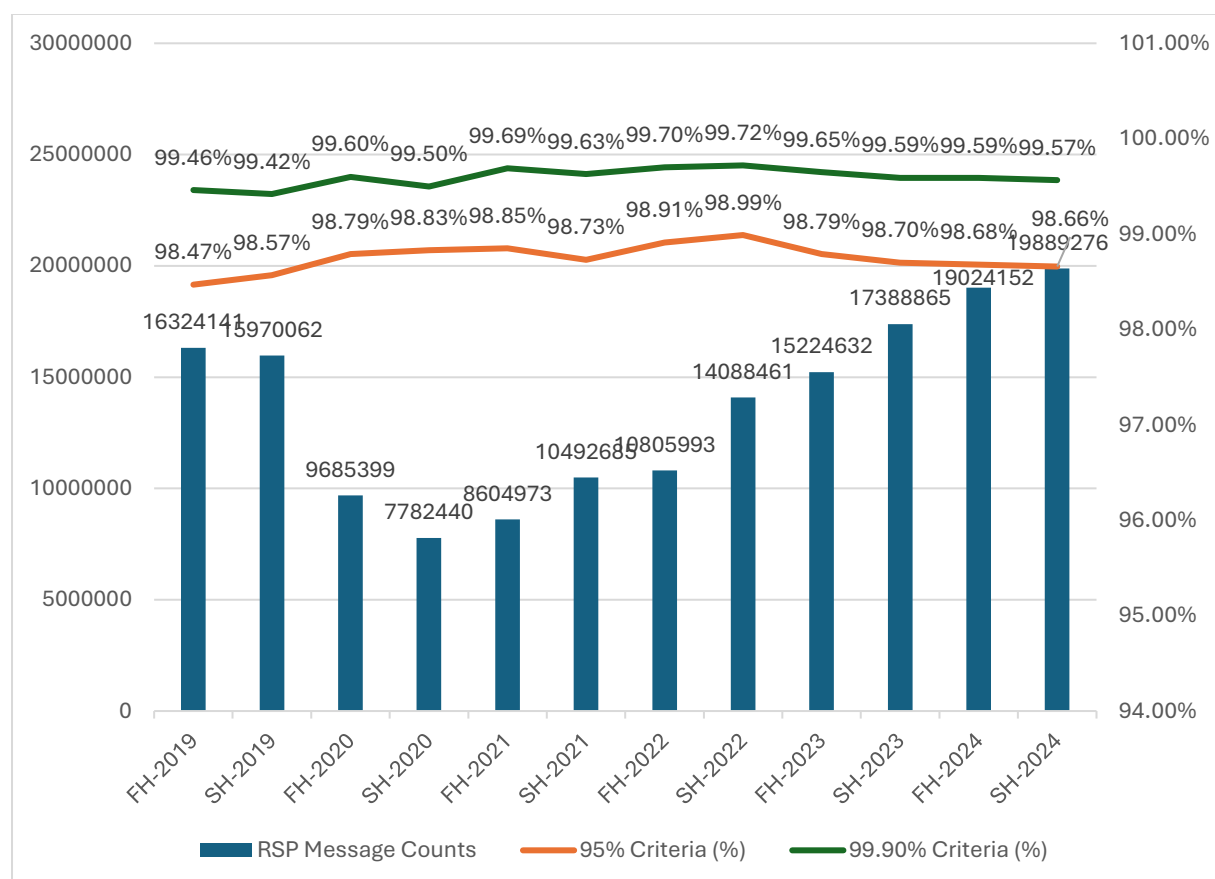


Figure 2: Number of RSP message counts and percentage of meeting 95% and 99.90% criteria

2.7 The 95% and 99.90% criteria, demonstrates consistently high achievement over the period from 2019 to 2024. While slight fluctuations occur between reporting periods, the percentage of messages delivered within the 95% threshold remains generally between 98% and 99%, and the percentage meeting the 99.90% criteria stays above 99.5%.

RCP aggregated data

2.8 **Table 5** represents RCP aggregated data of all media types in 2024. RCP240 performance in the Asia/Pacific region was strong in 2024, with most FIRs frequently meeting or exceeding the 95% criteria for both ACP and ACTP; however, 99.9% criteria performance showed more variability, with several FIRs, including Kolkata, Kuala Lumpur and Manila, underperforming in at least one or both halves of the year.

Table 5: RCP aggregated data (All media types)

REQUIRED COMMUNICATIONS PERFORMANCE										
Region	Asia-Pacific Region									
Performance Criteria	RCP240									
Time Period	2024 January-June					2024 July - December				
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	No. Messages	ACP Criteria		ACTP Criteria		No. Messages	ACP Criteria		ACTP Criteria	
		95%	99.90%	95%	99.90%		95%	99.90%	95%	99.90%
		% <= 180sec	% <= 210sec	% <= 120sec	% <= 150sec		% <= 180sec	% <= 210sec	% <= 120sec	% <=150sec
Aggregate All RGS										
KZAK	356648	99.37%	99.53%	99.60%	99.70%	392772	99.31%	99.46%	99.55%	99.65%
NFFF	10980	99.49%	99.74%	99.74%	99.80%					
NTTT	3902	99.67%	99.85%	99.77%	99.87%	3110	99.71%	99.74%	99.71%	99.81%
NZZO	92307	99.23%	99.50%	99.47%	99.68%	84705	98.96%	99.25%	99.30%	99.48%
YBBB	43673	99.54%	99.54%	99.67%	99.68%	42531	99.54%	99.57%	99.71%	99.73%
YMMM	46001	99.63%	99.63%	99.76%	99.75%	49595	99.72%	99.74%	99.81%	99.83%
VVTS	76964	98.36%	99.66%	98.89%	99.82%	76981	98.35%	99.61%	98.88%	99.80%
ZWWW	33	87.87%	87.87%	87.87%	87.87%	34	100.00%	100.00%	100.00%	100.00%
ZLLL	2164	98.38%	99.12%	98.75%	99.63%	2389	98.40%	98.15%	98.74%	98.95%
VOMF	145895	99.80%	99.80%	99.81%	99.62%	149114	99.63%	99.76%	99.74%	99.82%
VECF	17958	98.60%	98.92%	98.91%	99.21%	20325	98.77%	98.94%	99.01%	99.16%
VABF	147275	98.55%	99.24%	99.07%	99.65%	171155	98.41%	99.14%	99.01%	99.59%
RJJJ	67522	99.68%	99.70%	99.79%	99.80%	78527	99.61%	99.61%	99.76%	99.74%
WMFC	5833	98.75%	98.63%	99.14%	99.11%	5583	98.82%	98.85%	99.21%	99.28%
RPHI	23358	98.30%	98.69%	98.56%	98.87%	44358	98.44%	98.63%	98.65%	98.81%
WJSC	45233	99.28%	99.42%	99.51%	99.60%	51007	99.43%	99.47%	99.61%	99.65%
VCCF	5678	97.68%	99.51%	98.66%	99.70%	20337	96.84%	99.22%	99.01%	99.72%
PAZA	119296	99.39%	99.45%	99.59%	99.64%	138314	99.08%	99.53%	99.36%	99.67%
WAAF	42694	99.37%	99.80%	99.53%	99.85%	46592	99.31%	99.75%	99.43%	99.79%

2.9 **Figure 3** describes the numbers of RCP message counts of each FIR in 2024, and **Table 5** show that the numbers of RCP message counts in most FIRs increased from the first half of 2024 to the second half of 2024. Among all FIRs, only Manila and Colombo demonstrated a significant increase in message volume during the second half of the year, while the remaining FIRs reported increases of less than 20%, with some experiencing a decrease.

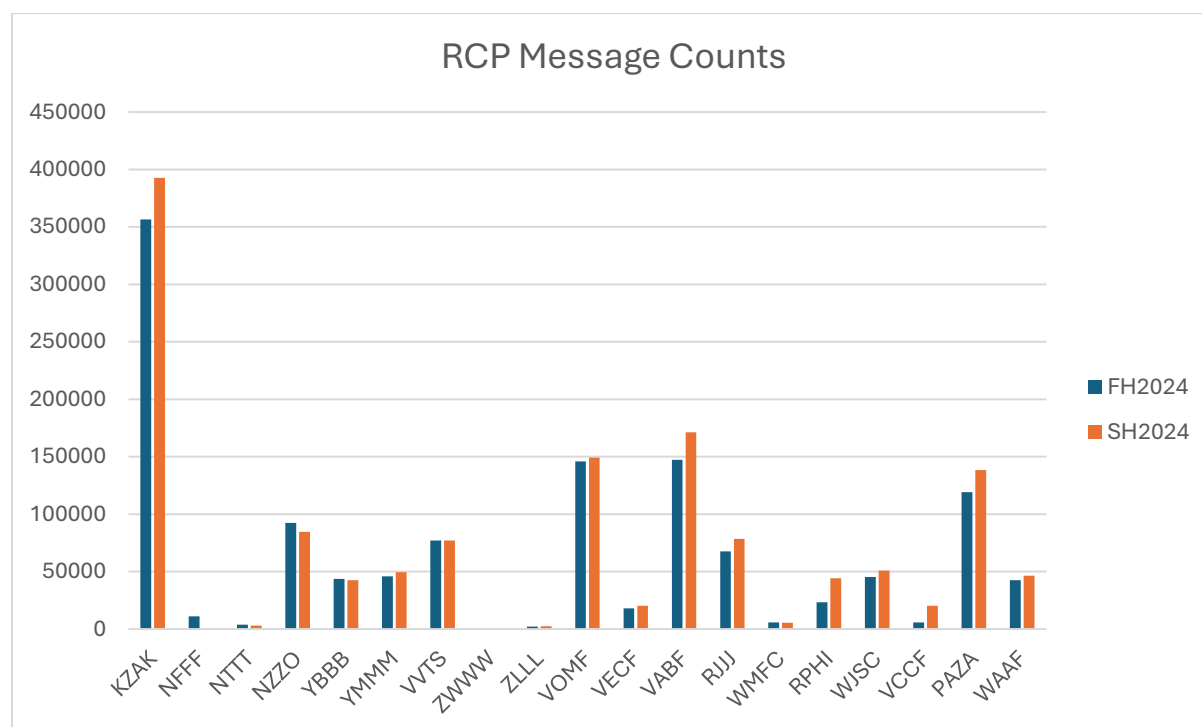


Figure 3: RCP message counts of each FIR in 2024

2.10 **Figure 4** shows the number of RCP message counts of ACP, and the percentage meeting 95 percent and 99.90 percent for ACP criteria from 2019 to 2024. **Figure 5** shows the number of RCP message counts of ACTP, and the percentage meeting 95 percent and 99.90 percent for ACTP criteria from 2019 to 2024.

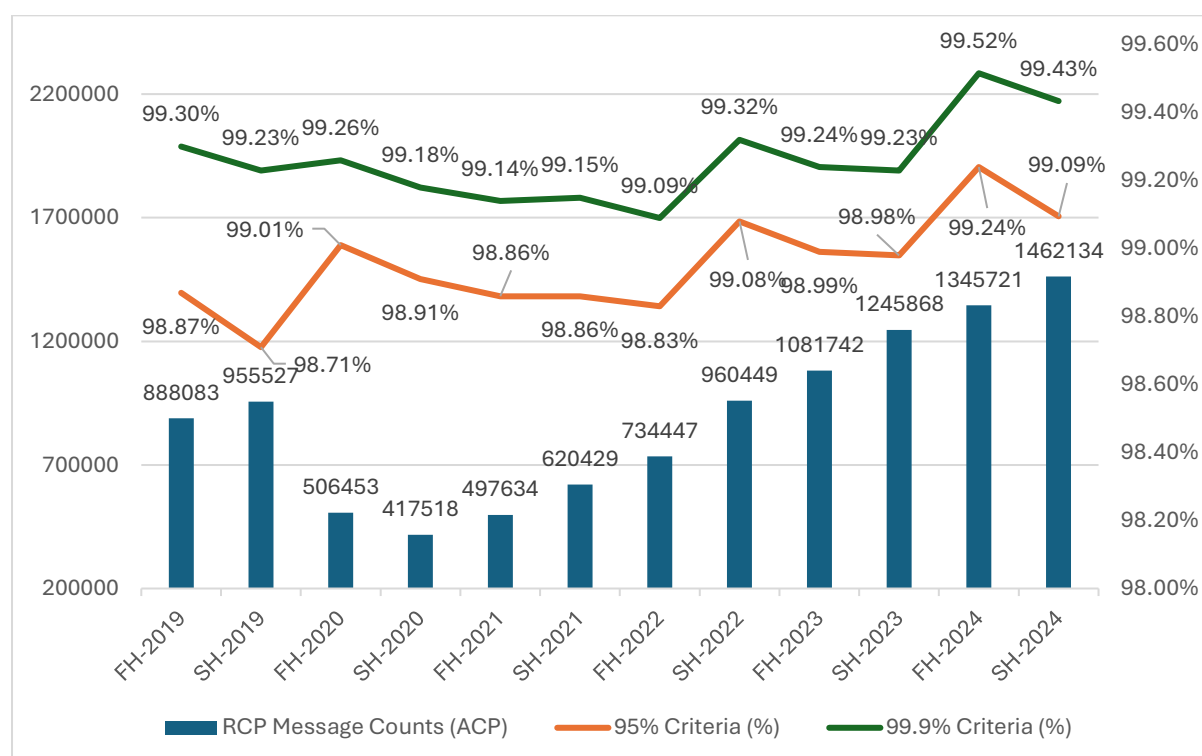


Figure 4: Number of RCP message counts, and percentage meeting 95% and 99.90% criteria (ACP)

2.11 It is shown in both **Figure 4** and **Figure 5** that the numbers of RCP message counts of ACP and ACTP in the second half of 2020 were on the bottom, then the numbers turned over to a recovery trend and marked the highest values in the second half of 2024. The number of RCP message counts in the second half of 2024 has exceeded 1.4 million, and far exceeding the number in 2019, before COVID-19 pandemic.

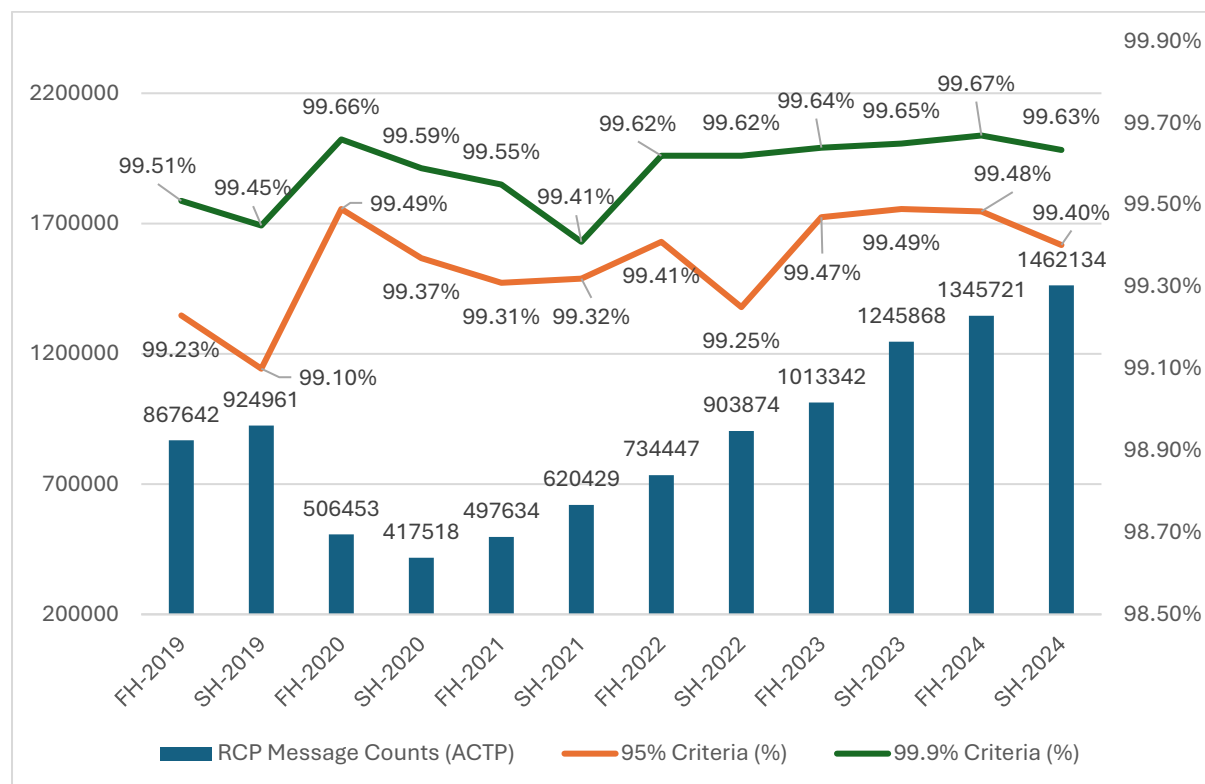


Figure 5: Number of RCP message counts, and percentage meeting 95% and 99.90% criteria (ACTP)

2.12 The percentages meeting the 95 percent and 99.90 percent criteria for ACP and ACTP seem to increase gradually from 2019 to 2024. Specifically, the data counts for both ACP and ACTP decreased in 2020, followed by a consistent increase in subsequent years through the 2024 period.

RSP issues

2.13 **Figure 6** shows the percentage of the RSP issues extracted by designators and media types from January to June 2024.

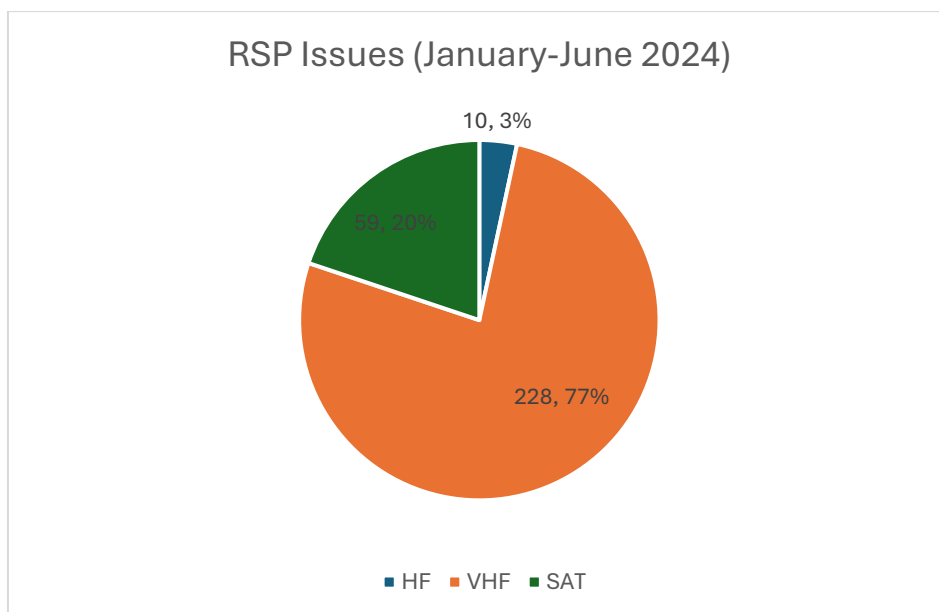


Figure 6: RSP issues by media type in the first half of 2024

2.14 **Figure 7** shows the percentage of the RSP issues extracted by designators and media types from July to December 2024.

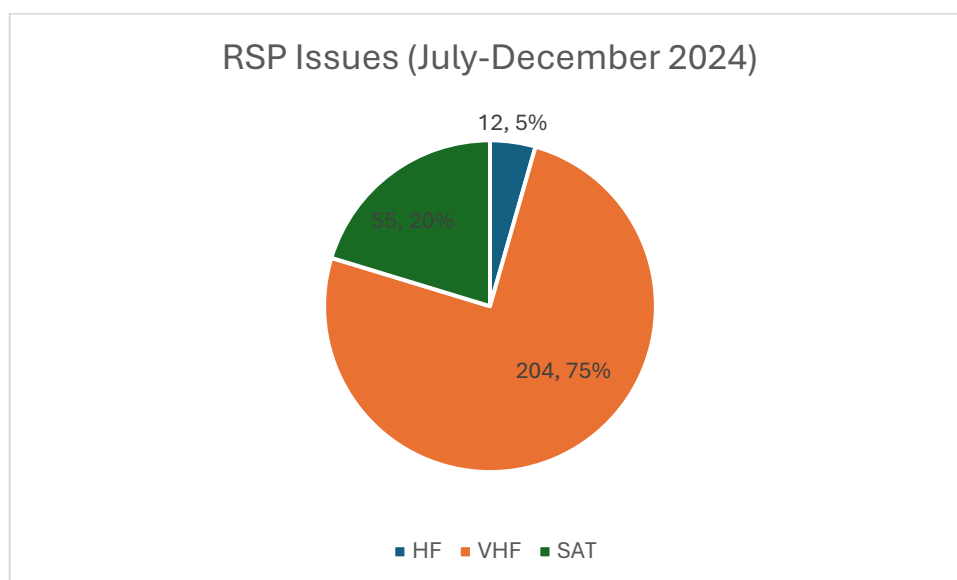


Figure 7: RSP issues by media type in the second half of 2024

2.15 In the first half of 2024, RSP issues related to VHF dominated, accounting for 77%. This decreased slightly to 75% in the second half. SAT followed as the second most reported category, comprising 20% of RSP issues throughout the year. HF-related RSP issues remained low, ranging between 3% and 5%.

2.16 **Table 6** represents the RSP monitoring result of the IG1 path in 2024 excluding the FIRs that satisfied both the 95% and 99.9% criteria throughout the year. The FIRs that met only the 95% criteria throughout the year were Tahiti, Auckland Oceanic, Mumbai, and Anchorage Oceanic, while the other 11 FIRs fell below the 95 percent criteria in the first and/or second half of 2024.

2.17 Regarding the 99.90% performance criteria, it was reported that none of the FIRs met the target. Specifically, four FIRs achieved availability between 99% and 99.89% in either the first or second half of 2024, while the remaining twelve FIRs performed below the criteria.

Table 6: RSP result of IG1 path

Criteria			RSP180					
Period			Jan-June2024			July-December2024		
Colour Key ■ Meets Criteria ■ 99.0%-99.89% ■ Under Criteria			MessageCounts	95% %<=90sec	99.90% %<=180sec	MessageCounts	95% %<=90sec	99.90% %<=180sec
ByRemoteGroundStation(RGS)GroundEarthStation(GES)								
FIR	Designator	Type	(onlyRGS/GESwithmessagecounts>100recorded)					
VOMF	IG1	SAT	2869	76.93%	89.09%	3966	77.66%	89.36%
NTTT	IG1	SAT	780	97.05%	97.05%	1208	97.76%	99.01%
NZZO	IG1	SAT	1787	95.91%	98.32%	2713	97.05%	98.96%
YBBB	IG1	SAT	13334	93.69%	98.41%	16294	93.51%	98.23%
YMMM	IG1	SAT	10700	93.35%	98.47%	12121	93.05%	98.28%
VVTS	IG1	SAT	3710	92.53%	98.22%	4433	91.25%	97.50%
ZWWW	IG1	SAT	8052	92.87%	98.85%	5275	92.47%	99.05%
ZLLL	IG1	SAT	11390	90.64%	98.77%	9693	90.56%	98.88%
VECF	IG1	SAT	4321	86.32%	93.57%	2762	87.07%	94.59%
VABF	IG1	SAT	5317	95.35%	99.12%	7433	95.20%	98.97%
WMFC	IG1	SAT				268	86.57%	94.59%
RPHI	IG1	SAT	7702	79.36%	96.92%	4760	85.90%	99.05%
WSJC	IG1	SAT	3375	94.01%	98.59%	4821	91.39%	97.40%
WAAF	IG1	SAT	8295	93.15%	98.00%	13381	94.07%	98.27%
PAZA	IG1	SAT	162103	95.79%	98.90%	179991	95.71%	98.84%

2.18 **Table 7** represents the RSP monitoring result of the IGW1 path in 2024 excluding the FIRs that satisfied both the 95% and 99.9% criteria throughout the year. It was identified that 7 FIRs met only the 95% criteria of IGW1, namely, Tahiti, Auckland Oceanic, Brisbane, Melbourne, Fukuoka, Manila, and Anchorage Oceanic, whereas the remaining FIRs fell below the required criteria.

Table 7: RSP result of IGW1 path

Criteria			RSP180					
Period			Jan-June2024			July-December2024		
Colour Key Meets Criteria 99.0%-99.89% Under Criteria			MessageCounts	95% %<=90sec	99.90% %<=180sec	MessageCounts	95% %<=90sec	99.90% %<=180sec
ByRemoteGroundStation(RGS)GroundEarthStation(GES)								
FIR	Designator	Type	(onlyRGS/GESwithmessagecounts>100recorded)					
VOMF	IGW1	SAT	11031	82.87%	91.76%	11187	83.02%	91.82%
NFFF	IGW1	SAT	30359	97.01%	98.29%			
NTTT	IGW1	SAT	7328	97.41%	97.41%	6604	96.44%	98.27%
NZZO	IGW1	SAT	81785	97.22%	99.33%	86901	95.78%	98.63%
YBBB	IGW1	SAT	85261	97.73%	99.45%	84006	96.05%	98.66%
YMMM	IGW1	SAT	9232	97.56%	99.29%	9424	95.82%	98.72%
VVTS	IGW1	SAT	6228	91.41%	97.41%	7029	91.17%	97.28%
ZWWW	IGW1	SAT	6257	91.88%	96.19%	3992	92.66%	96.29%
ZLLL	IGW1	SAT	11552	91.95%	96.50%	10495	93.61%	97.24%
VECF	IGW1	SAT	4585	73.94%	84.14%	4723	71.71%	83.76%
VABF	IGW1	SAT	12821	93.39%	98.21%	18641	91.64%	96.73%
RJJJ	IGW1	SAT	36629	96.94%	98.86%	40260	95.88%	98.42%
WMFC	IGW1	SAT	8821	78.31%	90.00%	6691	81.00%	91.36%
RPHI	IGW1	SAT	393	96.18%	98.73%	1049	96.19%	99.62%
WSJC	IGW1	SAT	15127	92.19%	98.00%	15005	93.27%	98.15%
VCCF	IGW1	SAT	9180	93.86%	99.44%	58487	95.16%	98.79%
PAZA	IGW1	SAT	16486	98.10%	99.36%	18058	97.15%	98.91%

2.19 **Table 8** shows the RSP issues of the HF datalink. Neither the 95% nor the 99.90% performance criteria were met consistently across any FIRs in 2024 when using HF as the communication medium.

Table 8: RSP issue of HF

Criteria			RSP180					
Period			Jan-June2024			July-December2024		
Colour Key Meets Criteria 99.0%-99.89% Under Criteria			MessageCounts	95% %<=90sec	99.90% %<=180sec	MessageCounts	95% %<=90sec	99.90% %<=180sec
FIR	ByMediaType							
KZAK	HF		5723	41.29%	58.41%	5825	39.07%	54.33%
NFFF	HF		118	65.25%	87.28%			
NZZO	HF		172	65.11%	84.30%	261	57.85%	75.86%
YBBB	HF		474	54.85%	75.11%	596	51.01%	69.80%
YMMM	HF		333	41.44%	63.06%	333	41.44%	63.06%
ZWWW	HF		7	42.85%	42.85%	12	16.66%	66.66%
ZLLL	HF		12	25.00%	50.00%	12	25.00%	33.33%
VOMF	HF		206	15.66%	29.73%	259	16.88%	32.43%
VECF	HF		179	32.96%	53.45%	153	26.80%	51.20%
VABF	HF		451	25.57%	43.90%	835	26.35%	47.19%
WMFC	HF		42	55.56%	77.98%	53	46.23%	70.17%
RPHI	HF		110	50.91%	62.93%	124	46.37%	64.96%
WSJC	HF		142	46.01%	72.25%	185	47.30%	73.33%
WAAF	HF		107	40.55%	58.02%	138	35.95%	60.00%
PAZA	HF		1889	39.86%	56.48%	1850	38.59%	55.95%

RCP issues

2.20 **Figure 8** shows the number of RCP issues extracted by designators and media types from January to June 2024. SAT experienced the highest number of RCP issues throughout the year, followed by VHF, which accounted for 45 percent of the reported issues.

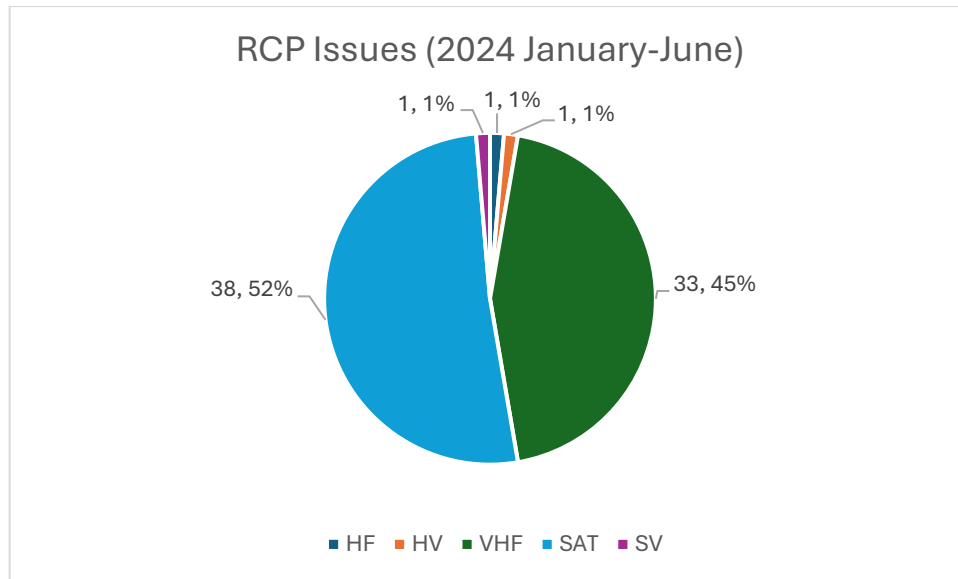


Figure 8: Number of RCP issues by media type in the first half of 2024

2.21 **Figure 9** shows the number of RCP issues extracted by designators and media types from July to December 2024. SAT experienced the highest number of RCP issues throughout the year, followed by VHF, which accounted for 46 percent of the reported issues.

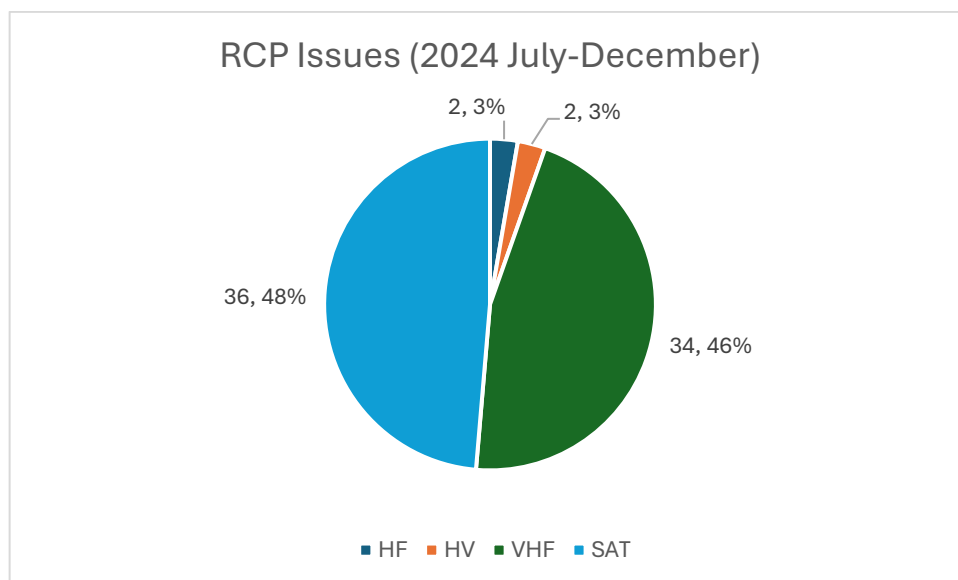


Figure 9: Number of RCP issues by media type in the second half of 2024

2.22 **Table 9** represents identified combinations of aircraft operators and aircraft types that did not achieve the PORT compliance, and the message counts were recorded over one thousand in the first or second half of 2024.

Table 9: Combinations of aircraft operators and types confirmed non-compliance of PORT

Criteria		RCP240											
Period		Jan - Jun 2024						Jul - Dec 2024					
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	Message Counts	95% benchmark		99.9% Benchmark		95%	Message Counts	95% benchmark		99.9% Benchmark		95%	
		ACP	ACTP	ACP	ACTP	PORT		ACP	ACTP	ACP	ACTP	PORT	
		% < = 180sec	% <= 120sec	% < = 210sec	% <= 150sec	%<60secs		% < =180sec	% <= 120sec	% < = 210sec	% <= 150sec	%<60secs	
FIR	By Aircraft Operator / Type (only message counts >100 recorded)												
KZAK	UAL/B738	6779	96.80%	97.43%	97.83%	98.97%	94.73%	7841	95.92%	96.88%	97.35%	98.55%	93.19%
KZAK	MIL/C17	2693	98.14%	99.70%	98.55%	99.85%	94.69%	2536	97.99%	99.53%	98.34%	99.72%	94.79%
KZAK	MIL/K35R	1456	97.46%	99.79%	98.15%	99.93%	90.18%	1676	97.37%	99.76%	98.15%	99.82%	91.29%
VVTS	AAR	1135	98.29%	99.74%	98.68%	100.00%	94.27%	838	98.10%	99.27%	99.50%	99.61%	93.80%
VVTS	CAL	2905	97.90%	99.40%	98.66%	99.54%	94.87%	2818	98.10%	99.10%	98.69%	99.44%	95.88%
VVTS	JAL	1522	98.14%	99.93%	98.90%	100.00%	95.20%	1377	97.97%	99.98%	98.68%	100.00%	93.92%
VVTS	KAL	3776	97.56%	99.13%	98.39%	99.62%	94.15%	3057	97.87%	99.54%	98.69%	99.73%	94.80%
VVTS	SJX	1525	98.37%	99.10%	98.76%	99.52%	95.68%	1411	97.43%	98.70%	98.37%	99.15%	94.47%
VABF	ALK/A21N	789	96.61%	99.11%	97.31%	99.41%	90.75%	1068	97.33%	98.83%	98.33%	99.23%	92.42%
VABF	ALK/A332	1347	98.22%	99.38%	99.10%	99.87%	94.28%	692	97.69%	98.96%	98.63%	99.74%	93.50%
VABF	ETD/A320	3140	97.44%	99.25%	98.22%	99.48%	91.24%	2633	95.71%	98.82%	97.85%	99.42%	88.49%
VABF	ETD/A321	4613	97.31%	99.45%	98.19%	99.71%	90.53%	5720	95.89%	98.74%	97.47%	99.44%	90.02%
VABF	KAC/A20N	1092	97.07%	99.11%	98.24%	99.97%	91.85%	1293	96.44%	97.76%	97.64%	98.70%	92.34%
VABF	MAU/A332							1300	98.86%	99.67%	99.31%	99.98%	94.31%
VABF	QTR/A332	900	98.01%	99.80%	98.40%	99.84%	90.22%	2009	98.06%	99.50%	98.82%	99.82%	91.29%
VABF	QTR/A333	2025	97.71%	99.58%	98.42%	99.74%	91.56%	2489	98.03%	99.46%	98.58%	99.65%	91.92%
VABF	QTR/B77W	9722	97.73%	97.92%	98.64%	98.94%	96.55%	11176	96.69%	97.19%	98.09%	98.35%	95.63%
VABF	SVA/A333	3057	97.17%	99.54%	97.96%	99.80%	88.06%	2969	97.00%	99.81%	97.91%	99.96%	86.09%
VABF	THY/A333	878	97.45%	99.48%	98.34%	99.85%	91.12%	1485	97.64%	99.09%	98.52%	99.39%	92.19%
VABF	VTI/A21N	1595	97.66%	100.00%	97.93%	100.00%	92.66%	1332	98.02%	99.81%	98.71%	99.87%	92.12%
RPHI	CAL/A359	830	94.10%	92.77%	94.54%	93.77%	92.53%	1300	93.24%	91.02%	93.64%	91.74%	91.62%
RPHI	CSN/B789	1737	95.75%	95.68%	96.06%	96.35%	93.96%	2365	96.14%	94.93%	96.44%	95.60%	94.29%
RPHI	SIA/A359	1384	94.67%	95.05%	95.16%	95.58%	92.73%	2721	95.69%	95.14%	95.96%	95.80%	93.38%
RPHI	SIA/B78X	1076	96.68%	95.57%	96.96%	96.33%	95.07%	2031	96.28%	96.12%	96.61%	96.73%	93.75%
WAAF	CPA/B77W	1759	98.64%	99.86%	99.39%	99.94%	92.33%	2375	98.78%	99.86%	99.24%	99.90%	94.40%
PAZA	CKS/B744	3154	97.94%	97.75%	98.57%	98.60%	96.07%	3931	96.51%	98.37%	97.69%	98.98%	94.38%
PAZA	CPA/B748	2571	98.02%	98.33%	99.07%	98.95%	95.76%	3061	94.51%	98.14%	96.21%	98.56%	91.44%
PAZA	DAL/A339	2220	98.47%	99.23%	99.05%	99.50%	95.90%	1774	98.76%	99.66%	99.27%	99.89%	94.59%
PAZA	CPA/B77W	1426	98.88%	99.09%	99.37%	99.37%	96.91%	2122	98.30%	98.87%	98.73%	99.48%	94.67%

2.23 At FIT-Asia/14, the A359 operated by Singapore Airlines (SIA) was identified as having poor PORT performance in Manila FIR throughout the 2023. However, the PORT performance remained poor throughout 2024.

2.24 The B77W operated by Cathay Pacific was identified as having poor PORT performance in VABF, RPHI, and WAAF. Similarly, the A333, also operated by Cathay Pacific, showed poor PORT performance in VOMM and RPHI. Additionally, the B77L operated by FedEx Express (FDX) demonstrated poor PORT performance in VABF and WAAF. The highest number of poor PORT performance occurrences was recorded in VABF, followed by RPHI.

2.25 It is important to note that the values for ACTP and PORT are approximations. As noted in ICAO Doc 9869.

2.26 It is also important to understand that complex CPDLC messages can cause PORT to increase.

Other issues

2.27 Some of the collected data included format or consistency issues; States/Administrations are invited to double-check the data before submission each year.

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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Attachment A: Reporting FIRs, performance criteria and table colour-coding

Reporting FIRs			
State	FIR	Location Indicator	Collection source
United States	Oakland Oceanic	KZAK	IPACG
	Anchorage Oceanic	PAZA	IPACG
Fiji	Nadi* ¹	NFFF	ISPACG
French Polynesia	Tahiti	NTTT	ISPACG
New Zealand	Auckland Oceanic	NZZO	ISPACG
Australia	Brisbane	YBBB	ISPACG
	Melbourne	YMMM	ISPACG
Vietnam	Ho-Chi-Minh	VVTS	FIT-ASIA
China	Urumqi	ZWWW	FIT-ASIA
	Lanzhou	ZLLL	FIT-ASIA
India	Chennai	VOMF	FIT-ASIA
	Kolkata	VECF	FIT-ASIA
	Mumbai	VABF	FIT-ASIA
Japan	Fukuoka	RJJJ	IPACG
Malaysia	Kuala Lumpur	WMFC	FIT-ASIA
Sri Lanka	Colombo* ²	VCCF	FIT-ASIA
Indonesia	Ujung Pandang	WAAF	FIT-ASIA

CRITERIA		
	95%	99.90%
ASP	% ≤ 90sec	% ≤ 180sec
ACP	% ≤ 180sec	% ≤ 210sec
ACTP	% ≤ 120sec	% ≤ 150sec
PORT	% < 60sec	

COLOUR KEY
Meet Criteria
99.0% - 99.89%
Under Criteria
No Data

Attachment B: Required Surveillance Performance (RSP) aggregated data

REQUIRED SURVEILLANCE PERFORMANCE						
Region	Asia-Pacific Region					
Performance Criteria	RSP180					
Time Period	2024 January-June			2024 July-December		
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	No. Messages	Criteria		No. Messages	Criteria	
		95%	99.90%		95%	99.90%
		% < = 90sec	% <= 180sec		% < = 90sec	% <= 180sec
Aggregate All RGS						
KZAK	5971271	98.69%	99.61%	6372030	98.77%	99.63%
NFFF	323568	99.12%	99.64%			
NTTT	113440	99.59%	99.83%	98835	99.40%	99.67%
NZZO	491645	98.93%	99.73%	461189	98.45%	99.51%
YBBB	1450812	99.49%	99.83%	1397596	99.37%	99.77%
YMMM	1120452	99.48%	99.82%	1120452	99.48%	99.82%
VVTS	271764	98.74%	99.72%	289712	98.88%	99.72%
ZWWW	210283	98.40%	99.50%	155462	98.40%	99.50%
ZLLL	331337	98.20%	99.50%	312276	98.30%	99.50%
VOMF	287424	97.49%	98.92%	283528	96.83%	98.54%
VECF	557384	98.00%	98.96%	291377	97.58%	98.66%
VABF	774232	97.51%	99.11%	782999	96.91%	98.74%
RJJJ	3091247	98.41%	99.59%	3659783	98.45%	99.58%
WMFC	335522	98.65%	99.57%	253690	98.72%	99.55%
RPHI	627,080	98.38%	99.39%	680993	98.28%	99.29%
WSJC	810654	98.84%	99.76%	795579	98.92%	99.75%
VCCF	102604	98.83%	99.84%	402896	98.53%	99.65%
PAZA	1911481	98.74%	99.62%	2253510	98.87%	99.66%
WAAF	241952	98.96%	99.48%	277369	99.01%	99.48%

Attachment C: Required Communications Performance (RCP) aggregated data

REQUIRED COMMUNICATIONS PERFORMANCE										
Region	Asia-Pacific Region									
Performance Criteria	RCP240									
Time Period	2024 January-June					2024 July - December				
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	No. Messages	ACP Criteria		ACTP Criteria		No. Messages	ACP Criteria		ACTP Criteria	
		95%	99.90%	95%	99.90%		95%	99.90%	95%	99.90%
		% <= 180sec	% <= 210sec	% <= 120sec	% <= 150sec		% <= 180sec	% <= 210sec	% <= 120sec	% <=150sec
Aggregate All RGS										
KZAK	356648	99.37%	99.53%	99.60%	99.70%	392772	99.31%	99.46%	99.55%	99.65%
NFFF	10980	99.49%	99.74%	99.74%	99.80%					
NTTT	3902	99.67%	99.85%	99.77%	99.87%	3110	99.71%	99.74%	99.71%	99.81%
NZZO	92307	99.23%	99.50%	99.47%	99.68%	84705	98.96%	99.25%	99.30%	99.48%
YBBB	43673	99.54%	99.54%	99.67%	99.68%	42531	99.54%	99.57%	99.71%	99.73%
YMMM	46001	99.63%	99.63%	99.76%	99.75%	49595	99.72%	99.74%	99.81%	99.83%
VVTS	76964	98.36%	99.66%	98.89%	99.82%	76981	98.35%	99.61%	98.88%	99.80%
ZWWW	33	87.87%	87.87%	87.87%	87.87%	34	100.00%	100.00%	100.00%	100.00%
ZLLL	2164	98.38%	99.12%	98.75%	99.63%	2389	98.40%	98.15%	98.74%	98.95%
VOMF	145895	99.80%	99.80%	99.81%	99.62%	149114	99.63%	99.76%	99.74%	99.82%
VECF	17958	98.60%	98.92%	98.91%	99.21%	20325	98.77%	98.94%	99.01%	99.16%
VABF	147275	98.55%	99.24%	99.07%	99.65%	171155	98.41%	99.14%	99.01%	99.59%
RJJJ	67522	99.68%	99.70%	99.79%	99.80%	78527	99.61%	99.61%	99.76%	99.74%
WMFC	5833	98.75%	98.63%	99.14%	99.11%	5583	98.82%	98.85%	99.21%	99.28%
NZZO	92307	99.23%	99.50%	99.47%	99.68%	84705	98.96%	99.25%	99.30%	99.48%
RPHI	23358	98.30%	98.69%	98.56%	98.87%	44358	98.44%	98.63%	98.65%	98.81%
WJSC	45233	99.28%	99.42%	99.51%	99.60%	51007	99.43%	99.47%	99.61%	99.65%
VCCF	5678	97.68%	99.51%	98.66%	99.70%	20337	96.84%	99.22%	99.01%	99.72%
PAZA	119296	99.39%	99.45%	99.59%	99.64%	138314	99.08%	99.53%	99.36%	99.67%
WAAF	42694	99.37%	99.80%	99.53%	99.85%	46592	99.31%	99.75%	99.43%	99.79%

Attachment D: RSP issues (Media type)

Criteria		RSP180					
Period		Jan-June2024			July-December2024		
Colour Key Meets Criteria 99.0%-99.89% Under Criteria		MessageCounts	95%	99.90%	MessageCounts	95%	99.90%
			%<=90sec	%<=180sec		%<=90sec	%<=180sec
FIR	ByMediaType						
KZAK	HF	5723	41.29%	58.41%	5825	39.07%	54.33%
NFFF	HF	118	65.25%	87.28%			
NZZO	HF	172	65.11%	84.30%	261	57.85%	75.86%
YBBB	HF	474	54.85%	75.11%	596	51.01%	69.80%
YMMM	HF	333	41.44%	63.06%	333	41.44%	63.06%
ZWWW	HF	7	42.85%	42.85%	12	16.66%	66.66%
ZLLL	HF	12	25.00%	50.00%	12	25.00%	33.33%
VOMF	SAT	171257	96.85%	98.76%	172690	96.34%	98.50%
VOMF	HF	206	15.66%	29.73%	259	16.88%	32.43%
VECF	SATCOM	263163	97.36%	98.92%	133100	96.64%	98.47%
VECF	VHF	294042	98.61%	99.01%	158124	98.44%	98.87%
VECF	HF	179	32.96%	53.45%	153	26.80%	51.20%
VABF	VHF	238127	97.52%	98.65%	223911	96.16%	97.76%
VABF	HF	451	25.57%	43.90%	835	26.35%	47.19%
WMFC	HF	42	55.56%	77.98%	53	46.23%	70.17%
RPHI	HF	110	50.91%	62.93%	124	46.37%	64.96%
WSJC	HF	142	46.01%	72.25%	185	47.30%	73.33%
WAAF	HF	107	40.55%	58.02%	138	35.95%	60.00%
PAZA	HF	1889	39.86%	56.48%	1850	38.59%	55.95%

Attachment D: RSP issues (Designator)

Criteria			RSP180					
Period			Jan-June2024			July-December2024		
Colour Key ■ Meets Criteria ■ 99.0%-99.89% ■ Under Criteria			MessageCounts	95% %<=90sec	99.90% %<=180sec	MessageCounts	95% %<=90sec	99.90% %<=180sec
ByRemoteGroundStation(RGS)GroundEarthStation(GES)								
FIR	Designator	Type	(onlyRGS/GESwithmessagecounts>100recorded)					
KZAK	OTH	VHF	6168	94.57%	98.30%	5901	95.56%	98.64%
KZAK	OTHV	VHF	5499	94.07%	98.45%	3936	93.83%	98.86%
KZAK	STS7	VHF	4904	95.45%	98.08%	5074	96.28%	98.17%
KZAK	STS1	VHF	3753	97.26%	98.56%	2553	97.34%	98.43%
KZAK	UIL	VHF	3399	93.94%	98.32%	4810	95.24%	98.71%
KZAK	H02	HF	3180	46.10%	63.33%	3208	41.61%	57.86%
KZAK	STS8	VHF	2459	96.50%	98.54%	2386	96.98%	98.53%
KZAK	H01	HF	1783	37.80%	55.69%	1107	39.93%	56.10%
KZAK	XXN	SAT	1600	90.00%	96.13%	1797	92.77%	98.22%
KZAK	KTN	VHF	1594	96.24%	99.06%	2538	95.78%	98.35%
KZAK	SMX7	VHF	1490	98.12%	99.06%	1507	97.68%	98.81%
KZAK	RDDV	VHF	1376	96.66%	98.91%	1500	97.67%	99.07%
KZAK	SIT	VHF	1091	92.03%	97.34%	1327	94.42%	98.12%
KZAK	SMX1	VHF	1002	99.00%	99.50%	709	96.90%	98.45%
KZAK	SBP	VHF	919	93.58%	98.59%	510	91.18%	96.86%
KZAK	SFOA	VHF	829	98.43%	99.40%	619	98.38%	98.38%
KZAK	YVR	VHF	586	98.46%	98.63%	490	99.18%	99.39%
KZAK	AOE6	SAT	550	91.45%	95.27%	542	90.96%	95.94%
KZAK	X1A	SAT	463	97.84%	98.92%	364	96.98%	97.80%
KZAK	DJJ1	VHF	430	98.60%	98.84%	125	100.00%	100.00%

KZAK	YVRV	VHF	292	95.55%	98.29%	244	99.18%	100.00%
KZAK	CRQ	VHF	288	94.10%	97.92%	1371	93.73%	97.81%
KZAK	H16	HF	224	41.96%	57.59%	461	34.49%	44.69%
KZAK	H04	HF	218	21.56%	37.61%	269	20.82%	34.94%
KZAK	H05	HF	215	27.91%	40.93%	316	29.75%	44.30%
KZAK	ASJV	VHF	205	100.00%	100.00%	258	97.67%	98.06%
KZAK	SNA1	VHF	191	97.91%	97.91%	227	99.56%	100.00%
KZAK	X4I	SAT	178	98.88%	98.88%			
KZAK	LAX2	VHF	175	98.29%	98.86%	566	99.82%	99.82%
KZAK	TPHV	VHF	173	98.27%	98.27%	148	100.00%	100.00%
KZAK	HAC1	VHF	167	99.40%	99.40%	289	94.81%	97.92%
KZAK	YAK	VHF	113	98.23%	98.23%	163	98.77%	98.77%
KZAK	YZT	VHF	107	97.20%	97.20%	202	99.01%	99.50%
KZAK	SDJV	VHF	102	97.06%	98.04%	241	100.00%	100.00%
KZAK	H09	HF				319	48.28%	63.01%
KZAK	H13	HF				110	23.64%	32.73%
NFFF	H05	HF	103	66.01%	90.29%			
NFFF	IGW1	SAT	30359	97.01%	98.29%			
NFFF	IOR5	SAT	1985	95.26%	98.94%			
NFFF	XXW	SAT	148	95.27%	97.29%			
NTTT	XXH	SAT	10763	99.78%	99.78%	7819	98.57%	98.89%
NTTT	IGW1	SAT	7328	97.41%	97.41%	6604	96.44%	98.27%
NTTT	IG1	SAT	780	97.05%	97.05%	1208	97.76%	99.01%
NZZO	IGW1	SAT	81785	97.22%	99.33%	86901	95.78%	98.63%
NZZO	IG1	SAT	1787	95.91%	98.32%	2713	97.05%	98.96%
NZZO	IVC1	VDL	772	97.79%	99.09%	993	96.47%	98.99%
NZZO	CHC2	VDL	386	98.44%	98.96%	305	98.68%	99.67%
NZZO	PMR1	VDL	337	98.81%	99.70%	293	97.61%	98.97%

NZZO	IOR5	VDL	217	95.39%	96.77%	102	94.11%	96.07%
NZZO	H05	HF	139	67.62%	84.17%	220	59.09%	76.81%
YBBB	IGW1	SAT	85261	97.73%	99.45%	84006	96.05%	98.66%
YBBB	IG1	SAT	13334	93.69%	98.41%	16294	93.51%	98.23%
YBBB	OOL1	VHF	850	91.76%	99.65%	1018	93.42%	99.41%
YBBB	IVC1	VHF	345	99.42%	99.42%	385	98.70%	98.96%
YMMM	IG1	SAT	10700	93.35%	98.47%	12121	93.05%	98.28%
YMMM	IGW1	SAT	9232	97.56%	99.29%	9424	95.82%	98.72%
YMMM	XXF	SAT	380	99.47%	99.47%	612	98.04%	98.37%
YMMM	DPS1	VHF	236	93.64%	93.64%	436	98.17%	98.17%
YMMM	DPS7	VHF	152	98.68%	98.68%	229	98.25%	98.69%
YMMM	PDG1	VHF	103	97.09%	98.06%			
VVTS	IG1	SAT	3710	92.53%	98.22%	4433	91.25%	97.50%
VVTS	IGW1	SAT	6228	91.41%	97.41%	7029	91.17%	97.28%
VVTS	PQC1	VHF	521	96.74%	98.92%			
VVTS	SYXN	VHF	121	98.42%	98.89%			
VVTS	UBPV	VHF	314	94.60%	99.49%			
ZWWW	IG1	SAT	8052	92.87%	98.85%	5275	92.47%	99.05%
ZWWW	IGW1	SAT	6257	91.88%	96.19%	3992	92.66%	96.29%
ZWWW	ICN	VHF	727	98.21%	98.76%	784	99.10%	99.61%
ZWWW	HKG2	VHF	491	97.35%	98.37%	331	96.07%	97.58%
ZWWW	BOJ	VHF	460	98.26%	98.26%	207	99.03%	99.51%
ZWWW	TBS1	VHF	367	98.91%	100.00%	191	96.85%	98.95%
ZWWW	GYS	VHF	322	95.34%	98.44%	193	97.92%	99.48%
ZWWW	HKG1	VHF	260	95.00%	95.76%	144	95.83%	96.52%
ZWWW	NQZ1	VHF	257	98.83%	98.83%		0.00%	0.00%
ZWWW	IST8	VHF	237	97.46%	98.31%	195	98.46%	98.97%
ZWWW	BOJV	VHF	235	97.87%	97.87%	256	96.09%	96.09%

ZWWW	ESB7	VHF	218	97.70%	98.16%	111	98.19%	99.09%
ZWWW	VAR	VHF	213	99.06%	99.06%	170	97.05%	97.05%
ZWWW	APK2	VHF	206	98.05%	99.51%	634	95.42%	97.94%
ZWWW	LNZT	VHF	201	99.50%	99.50%	108	98.14%	98.14%
ZWWW	VAR7	VHF	196	96.42%	96.93%	124	98.38%	98.38%
ZWWW	NRTV	VHF	192	98.95%	100.00%	160	98.12%	98.75%
ZWWW	ZUH	VHF	190	99.47%	100.00%	154	97.40%	98.05%
ZWWW	IST7	VHF	187	88.23%	93.58%		0.00%	0.00%
ZWWW	TSRV	VHF	177	98.87%	98.87%	193	99.48%	99.48%
ZWWW	HAK	VHF	175	98.28%	98.28%	225	100.00%	100.00%
ZWWW	TSR1	VHF	175	98.28%	98.28%	123	100.00%	100.00%
ZWWW	ISTS	VHF	160	97.50%	98.75%			
ZWWW	ESBV	VHF	146	100.00%	100.00%	164	98.78%	98.78%
ZWWW	IZOV	VHF	142	95.77%	97.18%			
ZWWW	OTPV	VHF	136	97.05%	97.05%	132	97.72%	97.72%
ZWWW	ISL	VHF	118	98.30%	98.30%			
ZWWW	JZH	VHF	112	97.32%	98.21%	125	98.40%	98.40%
ZWWW	CND7	VHF	110	96.36%	97.27%			
ZWWW	SAW	VHF	109	98.16%	98.16%			
ZLLL	IGW1	SAT	11552	91.95%	96.50%	10495	93.61%	97.24%
ZLLL	IG1	SAT	11390	90.64%	98.77%	9693	90.56%	98.88%
ZLLL	EUA1	SAT	9708	93.60%	99.34%	8193	93.77%	99.13%
ZLLL	APK2	SAT	1405	94.59%	98.57%		0.00%	0.00%
ZLLL	HKG2	VHF	1340	97.98%	99.10%	1094	97.71%	98.53%
ZLLL	DNH	VHF	1173	99.40%	99.91%	895	98.43%	98.88%
ZLLL	BOJV	VHF	502	96.21%	97.01%	635	96.22%	96.22%
ZLLL	HKG1	VHF	483	96.06%	96.68%	379	94.19%	96.04%
ZLLL	ESB7	VHF	435	96.09%	98.16%	370	96.21%	97.56%

ZLLL	OTP7	VHF	424	99.29%	99.52%	363	98.34%	98.62%
ZLLL	VAR7	VHF	404	97.52%	97.77%	353	98.58%	98.86%
ZLLL	IST7	VHF	398	87.93%	95.72%	249	88.75%	91.56%
ZLLL	ESBV	VHF	360	99.16%	99.44%	453	98.45%	98.45%
ZLLL	TSR1	VHF	358	97.48%	97.48%	346	99.13%	99.42%
ZLLL	ISTS	VHF	329	95.74%	98.78%	155	94.19%	96.77%
ZLLL	APK2	VHF	286	98.60%	99.65%	1042	92.80%	96.73%
ZLLL	OTPV	VHF	284	97.88%	97.88%	309	99.02%	99.35%
ZLLL	VAR	VHF	267	98.12%	98.50%	357	97.47%	98.59%
ZLLL	IST7	VHF	398	87.93%	95.72%	249	88.75%	91.56%
ZLLL	ESBV	VHF	360	99.16%	99.44%	453	98.45%	98.45%
ZLLL	TSR1	VHF	358	97.48%	97.48%	346	99.13%	99.42%
ZLLL	ISTS	VHF	329	95.74%	98.78%	155	94.19%	96.77%
ZLLL	APK2	VHF	286	98.60%	99.65%	1042	92.80%	96.73%
ZLLL	OTPV	VHF	284	97.88%	97.88%	309	99.02%	99.35%
ZLLL	VAR	VHF	267	98.12%	98.50%	357	97.47%	98.59%
ZLLL	MUCT	VHF	249	100.00%	100.00%	125	96.00%	96.80%
ZLLL	IFN1	VHF	244	97.95%	98.36%		0.00%	0.00%
ZLLL	LGGV	VHF	222	100.00%	100.00%	112	98.21%	98.21%
ZLLL	AMS1	VHF	203	97.04%	98.52%	249	96.78%	99.59%
ZLLL	CLJ1	VHF	183	98.36%	98.90%	207	95.16%	97.10%
ZLLL	ISTV	VHF	164	98.78%	98.78%	258	93.41%	93.79%
ZLLL	VAR1	VHF	153	93.46%	93.46%	147	96.59%	97.27%
ZLLL	OTP1	VHF	147	97.27%	98.63%	141	98.58%	98.58%
ZLLL	BOJ7	VHF	134	96.26%	96.26%	113	96.46%	97.34%
ZLLL	CLJ7	VHF	131	99.23%	99.23%	113	98.23%	98.23%
ZLLL	ISL	VHF	127	98.42%	98.42%	160	98.75%	98.75%
ZLLL	CND1	VHF	113	96.46%	96.46%	147	95.23%	98.63%

ZLLL	SXR1	VHF	101	100.00%	100.00%	123	97.56%	98.37%
ZLLL	HTN	VHF				156	98.71%	98.71%
ZLLL	SKD1	VHF				235	97.02%	98.72%
VOMF	APK2	SAT	3211	93.58%	98.22%	3942	89.57%	94.93%
VOMF	EUA1	SAT	2104	96.48%	99.22%	2874	92.24%	97.43%
VOMF	IG1	SAT	2869	76.93%	89.09%	3966	77.66%	89.36%
VOMF	IGW1	SAT	11031	82.87%	91.76%	11187	83.02%	91.82%
VOMF	IOR5	SAT	20724	97.68%	99.08%	27068	96.81%	98.73%
VOMF	BLR2	VHF	6720	99.11%	99.64%	6025	97.34%	98.74%
VOMF	BOM	VHF	1598	96.62%	99.60%	1001	95.20%	98.99%
VOMF	BOM1	VHF	481	94.80%	98.07%			
VOMF	BOM2	VHF	386	95.60%	98.64%	239	85.27%	91.94%
VOMF	BOM9	VHF	1713	99.58%	99.75%	1886	98.65%	98.94%
VOMF	BTJ	VHF	156	97.61%	98.09%	1265	97.87%	98.45%
VOMF	BTJ1	VHF	895	97.63%	98.05%	1152	95.49%	96.82%
VOMF	GOI1	VHF	12354	97.36%	98.85%	12542	95.84%	97.86%
VOMF	HKT	VHF	6241	98.06%	98.99%	5558	99.46%	99.70%
VOMF	HYD1	VHF	5158	99.06%	99.65%	4602	95.00%	97.00%
VOMF	IXZ1	VHF	17476	97.79%	98.46%	18082	97.44%	98.35%
VOMF	KDT	VHF	446	96.19%	96.80%	324	96.67%	98.02%
VOMF	MAA1	VHF	9729	98.45%	99.20%	8330	95.63%	97.76%
VOMF	NAG1	VHF	112	95.13%	98.45%	186	95.74%	97.62%
VOMF	PNQ1	VHF	703	98.56%	99.52%	268	94.31%	96.72%
VOMF	RGN	VHF	138	89.14%	89.78%			
VOMF	VTZ1	VHF	2323	98.62%	99.24%	1836	97.86%	98.63%
VECF	AOR1	SAT	317	98.18%	98.42%	202	96.38%	98.57%
VECF	APK2	SAT	7480	96.80%	98.78%	2891	91.94%	95.02%
VECF	IG1	SAT	4321	86.32%	93.57%	2762	87.07%	94.59%
VECF	IGW1	SAT	4585	73.94%	84.14%	4723	71.71%	83.76%
VECF	IOR5	SAT	47695	96.80%	98.42%	22351	96.81%	98.52%
VECF	IOR7	SAT	1366	97.93%	98.24%	594	99.18%	99.23%
VECF	IOR8	SAT	3200	98.58%	98.92%	1117	99.47%	99.52%

VECF	XXP	SAT	1868	94.43%	97.68%	705	97.73%	98.76%
VECF	BKK	VHF	1555	98.22%	98.80%	945	98.71%	99.21%
VECF	BOJ	VHF	141	83.72%	83.78%	108	80.26%	82.42%
VECF	CNX	VHF	1378	91.85%	94.70%	1036	94.00%	95.90%
VECF	DMK	VHF	312	97.29%	98.11%	258	97.81%	98.84%
VECF	ESB	VHF	287	97.22%	97.25%	190	97.52%	97.90%
VECF	HKG	VHF	209	97.52%	97.70%	131	94.84%	95.33%
VECF	HKT	VHF	390	98.40%	98.79%	171	99.08%	99.57%
VECF	HYD	VHF	3491	99.54%	99.83%	1323	99.15%	99.46%
VECF	KDT	VHF	1010	96.58%	98.18%	460	98.48%	99.38%
VECF	LUM	VHF	527	94.96%	97.15%	403	94.68%	97.08%
VECF	MDL	VHF	1510	87.28%	90.83%	529	88.52%	91.18%
VECF	NYT	VHF	237	78.78%	82.70%	247	74.19%	78.54%
VECF	RGN	VHF	2371	93.67%	95.28%	859	88.87%	90.13%
VECF	SZF	VHF	587	98.47%	98.47%	469	99.36%	99.37%
VECF	TCZ	VHF	913	88.99%	92.63%	440	82.22%	85.31%
VECF	URT	VHF	166	97.23%	97.60%			
VECF	BEG1	VHF	174	98.30%	98.33%			
VECF	BOJ7	VHF	132	84.10%	84.12%			
VECF	BOJV	VHF	135	74.12%	74.32%			
VECF	BOM1	VHF	301	97.91%	98.80%			
VECF	BTST	VHF	364	95.89%	95.91%	150	96.69%	96.72%
VECF	CLJ1	VHF	234	91.46%	91.47%	122	95.11%	95.15%
VECF	CLJ7	VHF	135	91.85%	91.87%			
VECF	CND1	VHF	145	75.18%	75.20%			
VECF	CND7	VHF	192	79.25%	79.47%			
VECF	DEBT	VHF	465	96.99%	97.00%	206	96.31%	96.61%
VECF	DEL1	VHF	454	95.63%	97.48%	157	94.13%	95.66%
VECF	DEL2	VHF	227	96.64%	98.89%			

VECF	DWC1	VHF	145	96.06%	96.34%	104	98.23%	98.46%
VECF	ESB1	VHF	177	90.67%	90.99%			
VECF	ESB7	VHF	322	93.25%	95.52%	137	94.01%	95.20%
VECF	FMOT	VHF	101	97.06%	97.11%			
VECF	FRAT	VHF	247	99.19%	99.21%	127	97.64%	97.66%
VECF	FRAW	VHF	192	97.93%	97.94%			
VECF	GAU1	VHF	218	97.65%	98.77%	125	100.00%	100.00%
VECF	HKG1	VHF	191	93.34%	95.81%			
VECF	HKG2	VHF	433	97.02%	98.47%	241	98.39%	99.27%
VECF	IMF1	VHF	3926	98.89%	99.50%	2348	97.08%	98.13%
VECF	IST7	VHF	416	79.25%	82.93%	169	78.58%	81.72%
VECF	IST8	VHF	493	93.01%	93.11%	229	91.27%	91.29%
VECF	ISTS	VHF	254	85.50%	87.60%	106	76.63%	77.37%
VECF	IXC1	VHF				103	96.60%	97.64%
VECF	IXZ1	VHF	1781	95.20%	95.95%	982	90.63%	91.96%
VECF	JNJ1	VHF	532	98.16%	99.66%	297	95.66%	96.73%
VECF	KBR1	VHF				122	97.78%	98.43%
VECF	KTWT	VHF	105	96.21%	96.23%			
VECF	KUL1	VHF	107	96.53%	97.21%	108	100.00%	100.00%
VECF	KULA	VHF	129	98.00%	98.46%	165	100.00%	100.00%
VECF	LKO1	VHF	14865	98.87%	99.20%	9605	98.64%	98.98%
VECF	LNZT	VHF	357	98.60%	98.61%	171	95.93%	95.98%
VECF	LUMV	VHF	365	94.73%	96.99%	205	97.58%	98.61%
VECF	MAA1	VHF	123	97.84%	98.51%			
VECF	MCT1	VHF	1453	98.07%	98.87%	584	95.46%	96.62%
VECF	MUCT	VHF	331	99.70%	99.71%	163	97.55%	97.57%
VECF	OTP1	VHF	197	83.77%	83.78%			
VECF	OTP7	VHF	256	92.97%	92.98%	111	92.82%	92.87%
VECF	PAT1	VHF	173	98.29%	98.40%			
VECF	PNH1	VHF	163	98.86%	98.99%			

VECF	PNQ1	VHF	518	98.10%	99.17%	418	96.23%	98.23%
VECF	SZF1	VHF	200	97.50%	97.52%	131	94.47%	94.67%
VECF	SZF7	VHF	871	97.72%	98.28%	418	96.15%	97.10%
VECF	TAS1	VHF	777	97.82%	97.90%	218	100.00%	100.00%
VECF	TSR1	VHF	496	94.96%	94.97%	230	97.40%	97.43%
VECF	TZX7	VHF	906	99.78%	99.78%	518	97.37%	97.88%
VECF	VAN7	VHF	432	100.00%	100.00%	116	97.44%	97.49%
VECF	VAR1	VHF	274	64.67%	64.87%	124	76.95%	77.43%
VECF	VAR7	VHF	363	85.13%	85.14%	144	90.94%	92.38%
VECF	VIE8	VHF	106	84.97%	85.05%			
VABF	APK2	SAT	6701	89.67%	96.49%	13656	94.60%	97.41%
VABF	IG1	SAT	5317	95.35%	99.12%	7433	95.20%	98.97%
VABF	IGW1	SAT	12821	93.39%	98.21%	18641	91.64%	96.73%
VABF	IOR7	SAT	1155	99.56%	99.83%	1138	98.52%	98.74%
VABF	XXP	SAT	663	90.50%	95.50%	782	89.96%	95.19%
VABF	B4P	VHF	204	91.67%	96.47%	149	84.56%	97.41%
VABF	BOM	VHF	39042	98.58%	99.55%	34645	97.39%	98.99%
VABF	CCU	VHF	203	99.07%	99.33%	126	96.15%	98.02%
VABF	MCT	VHF	4207	98.19%	99.03%	4597	97.79%	98.85%
VABF	TRV	VHF	234	100.00%	100.00%	154	98.07%	98.66%
VABF	AMD1	VHF	14015	97.62%	98.32%	15057	97.58%	98.78%
VABF	BBI1	VHF	404	97.63%	99.73%	229	95.85%	98.04%
VABF	BOM1	VHF	9375	93.71%	96.26%	332	85.87%	90.48%
VABF	BOM2	VHF	7197	95.11%	96.99%	5616	76.69%	84.53%
VABF	CCU1	VHF	204	98.28%	98.68%	182	98.02%	98.53%
VABF	DOH9	VHF	142	99.30%	99.86%	138	98.68%	98.94%
VABF	GOI1	VHF	18498	97.39%	98.44%	17916	95.34%	96.86%
VABF	HYD1	VHF	3794	98.52%	99.19%	3289	97.02%	98.50%
VABF	IXZ1	VHF	120	98.36%	98.44%			

VABF	JNJ1	VHF	65573	96.28%	97.85%	65415	95.19%	97.01%
VABF	MCT1	VHF	7049	95.30%	97.79%	5853	93.64%	97.33%
VABF	MCT2	VHF	512	97.59%	99.06%	686	94.17%	97.46%
VABF	PNQ1	VHF	2999	95.87%	97.95%	4139	87.24%	92.45%
RJJJ	IGW1	SAT	36629	96.94%	98.86%	40260	95.88%	98.42%
RJJJ	ASJ1	VHF	21932	97.67%	98.08%	21848	98.17%	98.51%
RJJJ	GUM1	VHF	1702	96.41%	96.47%	2151	99.81%	99.90%
RJJJ	HAC1	VHF	17333	97.53%	98.89%	21078	97.81%	99.00%
RJJJ	KCZ1	VHF	233	97.42%	99.14%	329	96.35%	97.87%
RJJJ	KCZV	VHF	5581	94.03%	98.35%	8133	95.64%	98.96%
RJJJ	KMI1	VHF	6923	95.21%	96.41%	5833	95.97%	97.01%
RJJJ	KOJ1	VHF	1481	94.53%	95.34%	1719	94.41%	95.46%
RJJJ	SHM1	VHF	3137	95.18%	96.68%	2563	93.87%	95.35%
RJJJ	SPN	VHF	1690	96.86%	98.46%	3003	98.50%	99.70%
RJJJ	SYA	VHF	1449	85.36%	85.92%	2215	86.13%	86.90%
RJJJ	TKN1	VHF	55	94.54%	96.36%	100	98.00%	98.00%
RJJJ	TKS1	VHF	501	97.00%	98.80%	587	98.46%	99.31%
RJJJ	USN1	VHF	183	100.00%	100.00%	147	97.95%	98.63%
WMFC	APK2	SAT	3957	96.31%	99.18%	2579	90.85%	96.20%
WMFC	IG1	SAT				268	86.57%	94.59%
WMFC	IGW1	SAT	8821	78.31%	90.00%	6691	81.00%	91.36%
WMFC	BTJ1	VHF	7168	98.05%	99.28%	5482	96.12%	98.49%
RPHI	BWN1	VHF				193	97.44%	97.49%
RPHI	CXR1	VHF	100	93.25%	94.45%	139	95.08%	95.62%
RPHI	IG1	SAT	7702	79.36%	96.92%	4760	85.90%	99.05%
RPHI	IGW1	SAT	393	96.18%	98.73%	1049	96.19%	99.62%
RPHI	OKA1	VHF	438	91.32%	99.64%	154	93.10%	99.28%
RPHI	SFS1	VHF	1779	98.27%	98.51%	2739	98.92%	99.24%
RPHI	SYX	VHF	4506	95.85%	96.42%	5434	97.02%	97.49%
RPHI	SZX	VHF	361	100.00%	100.00%	263	96.73%	97.55%

WSJC	H06	HF	121	45.73%	71.57%	156	49.74%	73.63%
WSJC	IG1	SAT	3375	94.01%	98.59%	4821	91.39%	97.40%
WSJC	IGW1	SAT	15127	92.19%	98.00%	15005	93.27%	98.15%
WSJC	XXI	SAT	9013	92.77%	98.79%	9308	94.23%	98.79%
WSJC	XXP	SAT	2436	93.92%	98.52%	2453	92.30%	98.24%
VCCF	APK2	SAT	5568	97.72%	99.28%	11850	93.72%	97.73%
VCCF	IGW1	SAT	9180	93.86%	99.44%	58487	95.16%	98.79%
WAAF	AMQ1	VHF	3758	97.62%	97.90%	2345	97.45%	95.72%
WAAF	AYQ1	VHF	178	97.09%	97.78%	122	92.97%	93.51%
WAAF	BIK1	VHF	850	98.85%	99.29%	684	98.50%	98.83%
WAAF	BME1	VHF	1155	96.29%	96.50%	1340	96.71%	96.97%
WAAF	CGK2	VHF	612	99.92%	100.00%	108	98.40%	98.96%
WAAF	DPS	VHF	3763	98.16%	98.95%	2735	98.35%	98.85%
WAAF	DRB1	VHF	1191	97.82%	98.21%	1506	98.14%	98.43%
WAAF	DVO	VHF	770	96.74%	97.43%	1004	99.00%	99.16%
WAAF	DVO1	VHF	858	94.78%	95.07%	905	98.48%	98.73%
WAAF	GOV1	VHF	1292	98.58%	98.66%	1427	99.25%	99.39%
WAAF	IG1	SAT	8295	93.15%	98.00%	13381	94.07%	98.27%
WAAF	KDI1	VHF	1250	97.37%	97.66%	2843	93.25%	93.79%
WAAF	KOE1	VHF	4427	97.71%	98.74%			
WAAF	LAO	VHF	259	95.16%	98.58%	150	98.42%	99.88%
WAAF	LGH1	VHF	114	97.76%	98.18%			
WAAF	MDC1	VHF	2595	98.41%	98.65%	3665	99.54%	99.62%
WAAF	MNL	VHF	214	91.70%	97.67%	200	99.43%	99.60%
WAAF	PHE1	VHF	1599	97.98%	98.12%	1212	97.78%	98.11%
WAAF	PLM	VHF	999	97.41%	98.61%	466	97.93%	99.40%
WAAF	SBW	VHF	359	98.64%	98.75%	407	99.54%	99.62%
WAAF	TTE1	VHF	151	97.43%	97.97%	2945	99.62%	99.67%
WAAF	UPG1	VHF	648	99.08%	99.18%	1328	98.67%	98.88%
PAZA	IG1	SAT	162103	95.79%	98.90%	179991	95.71%	98.84%
PAZA	IGW1	SAT	16486	98.10%	99.36%	18058	97.15%	98.91%

PAZA	H02	HF	1407	41.58%	57.43%	1335	39.25%	57.45%
PAZA	XXI	SAT	804	94.53%	96.89%	1393	95.19%	98.21%
PAZA	ANC7	VHF	675	99.41%	100.00%	938	98.61%	98.72%
PAZA	KUHV	VHF	465	93.12%	95.05%	493	95.33%	96.96%
PAZA	IOR5	SAT	340	97.94%	98.82%	690	98.12%	99.57%
PAZA	H01	HF	320	40.31%	56.56%	239	46.86%	61.09%
PAZA	TPE	VHF	295	100.00%	100.00%	272	97.79%	98.53%
PAZA	HNDV	VHF	191	97.91%	97.91%	239	100.00%	100.00%
PAZA	KUH1	VHF	148	72.30%	75.68%	171	82.46%	84.80%
PAZA	SHB1	VHF				133	72.18%	75.94%
PAZA	H09	HF				115	39.13%	53.91%

Attachment D: RSP issues (Aircraft operator / type)

Criteria		RSP180					
Period		Jan-June2024			July-December2024		
Colour Key ■ Meets Criteria ■ 99.0%-99.89% ■ Under Criteria		MessageCou nts	95% %<=90sec	99.90% %<=180sec	MessageCou nts	95% %<=90sec	99.90% %<=180sec
FIR	ByAircraftOperator/Type(onlymessagecounts>100recorded)						
KZAK	ASA/B39M	200849	95.24%	98.84%	254290	95.53%	99.07%
KZAK	FDX/B77L	74310	97.67%	98.96%	79521	97.52%	98.88%
KZAK	CPA/B77W	48566	97.50%	98.84%	56520	97.58%	99.08%
KZAK	ACA/B38M	40268	95.61%	98.83%	27511	96.26%	99.18%
KZAK	MIL/K35R	37080	97.78%	98.62%	36259	98.12%	98.88%
KZAK	ACA/B77W	28051	97.69%	99.25%	17866	96.93%	98.90%
KZAK	CKS/B744	27450	96.71%	98.81%	26792	96.88%	99.01%
KZAK	UAL/B752	21762	96.31%	98.43%	23329	96.49%	98.43%
KZAK	UAL/B38M	12418	97.90%	98.92%	18704	97.82%	98.90%
KZAK	CSG/B77L	8183	95.98%	98.86%	9259	97.19%	99.28%
KZAK	FJI/B38M	7132	97.80%	98.78%	6971	97.23%	98.51%
KZAK	TWB/B38M	5790	97.27%	98.20%	10712	96.56%	98.18%
KZAK	AAL/B772	5334	96.83%	98.82%	23892	96.90%	98.95%
KZAK	QTR/B77L	4962	98.07%	98.99%	5276	97.61%	98.79%
KZAK	NCR/B744	3995	97.95%	99.57%	3837	97.32%	98.88%
KZAK	VJT/GL7T	3654	96.80%	98.17%	3664	97.13%	98.31%
KZAK	CAL/A21N	3581	96.01%	99.25%	7902	92.34%	97.44%
KZAK	MIL/DC10	3316	97.38%	98.79%			
KZAK	OAE/B772	2308	96.10%	97.92%	2507	96.21%	98.40%
KZAK	ASA/B38M	1898	91.78%	96.00%	7261	95.55%	99.05%
KZAK	EJM/GLF5	1897	98.05%	99.37%	1631	94.73%	97.79%
KZAK	CAO/B77L	1635	91.80%	97.61%	1765	94.96%	97.96%

KZAK	AAR/A21N	1361	95.96%	98.68%	153	88.89%	99.35%
KZAK	ATN/B763	1300	96.77%	98.15%	1427	97.41%	98.53%
KZAK	SAM/GLF5	1130	97.43%	99.29%	1386	97.04%	98.99%
KZAK	AJT/B763	1049	96.76%	98.86%	1776	98.87%	99.94%
KZAK	PAL/A21N	783	96.17%	98.47%	351	95.16%	98.01%
KZAK	CAO/B744	764	95.16%	99.35%	2519	94.88%	98.45%
KZAK	EJM/GLF4	737	98.78%	99.86%	199	93.97%	97.49%
KZAK	VJA/GLF4	724	95.99%	98.34%	1215	95.88%	98.27%
KZAK	EDG/GLF4	713	95.09%	97.76%			
KZAK	CPJ/GL7T	686	95.48%	96.65%	655	95.57%	97.25%
KZAK	VJA/GL7T	612	97.22%	97.88%	957	97.28%	97.81%
KZAK	TWY/GLEX	592	96.96%	98.82%	521	96.35%	99.04%
KZAK	CTM/A400	519	99.23%	99.23%	271	94.83%	98.89%
KZAK	MIL/R135	451	98.23%	99.78%	342	98.25%	98.83%
KZAK	VJA/CL60	443	98.19%	98.87%			
KZAK	MVJ/GLF5	418	96.65%	98.80%	361	98.34%	100.00%
KZAK	KIW/B752	412	98.54%	99.76%	520	97.12%	98.46%
KZAK	RKS/GL7T	340	97.35%	97.94%			
KZAK	EJM/GL7T	325	95.08%	95.69%	198	96.97%	98.48%
KZAK	MIL/C560	321	98.44%	98.75%	767	99.48%	99.87%
KZAK	RRR/C17	258	94.19%	94.57%	224	97.77%	98.66%
KZAK	MIL/B744	257	96.11%	97.28%	1627	97.91%	98.89%
KZAK	GLH/GLF6	249	97.59%	98.39%			
KZAK	KFB/GLF5	249	100.00%	100.00%	145	96.55%	97.24%
KZAK	CTM/FA7X	243	97.12%	97.94%			
KZAK	MIL/D328	210	88.57%	95.24%	178	91.57%	99.44%
KZAK	SIS/GL5T	201	96.02%	98.51%			
KZAK	EJM/FA7X	195	96.92%	99.49%	203	98.52%	98.52%
KZAK	KYE/B744	190	94.74%	99.47%	622	97.91%	98.87%
KZAK	TWY/GA6C	188	93.62%	96.81%	582	99.31%	100.00%

KZAK	WGN/MD11	182	98.35%	98.35%	167	100.00%	100.00%
KZAK	TWY/GL7T	178	97.19%	97.75%	121	100.00%	100.00%
KZAK	PEG/GLF4	165	94.55%	98.18%			
KZAK	DLX/CL60	153	94.77%	100.00%	164	92.07%	99.39%
KZAK	TAG/GLF6	153	98.04%	98.69%			
KZAK	OMD/B763	134	88.81%	89.55%	116	100.00%	100.00%
KZAK	MIL/W135	131	94.66%	100.00%	179	98.88%	100.00%
KZAK	ADS/CL60	130	93.08%	98.46%	415	96.87%	98.80%
KZAK	MIL/B763	122	94.26%	95.90%	552	98.91%	99.64%
KZAK	EDG/FA7X	111	93.69%	97.30%			
KZAK	SJX/A21N	105	93.33%	96.19%			
KZAK	BOE/B38M				515	95.92%	98.06%
KZAK	JCY/GLF4				242	74.79%	88.02%
KZAK	MIL/B742				238	91.18%	93.70%
KZAK	SIS/GLEX				233	93.13%	96.57%
KZAK	ICE/B752				190	94.21%	98.42%
KZAK	EAL/B772				189	93.12%	94.18%
KZAK	XLS/GLF5				163	96.32%	98.77%
KZAK	LUC/FA8X				162	96.91%	98.15%
KZAK	BVR/GL7T				156	96.15%	98.08%
KZAK	BBA/GL7T				127	96.85%	96.85%
KZAK	MIL/FA7X				127	94.49%	99.21%
KZAK	SJE/GLF5				113	94.69%	95.58%
NFFF	CTM/A332	1363	98.75%	98.97%			
NFFF	FJI/A333	3754	96.19%	98.91%			
NFFF	FJI/B38M	34036	98.10%	98.73%			
NFFF	KAL/B772	341	97.07%	98.83%			
NFFF	PVT/C700	325	95.38%	96.31%			
NFFF	PVT/F900	175	93.71%	97.71%			
NFFF	PVT/GA6C	193	97.93%	98.96%			

NFFF	PVT/GL7T	514	91.63%	94.16%			
NFFF	PVT/GLF5	872	96.90%	98.85%			
NFFF	VJT/GL7T	210	95.71%	97.62%			
NTTT	FBU/A359	4029	99.73%	99.88%	218	88.07%	94.04%
NTTT	UAL/B77W	186	97.85%	98.39%	165	100.00%	100.00%
NTTT	N18/GL7T	176	98.86%	99.43%	109	93.58%	98.17%
NTTT	CTM/A400	146	100.00%	100.00%	1351	98.37%	98.96%
NTTT	KAY/A319	145	70.34%	81.38%	111	100.00%	100.00%
NTTT	N17/GL7T	117	100.00%	100.00%	221	97.29%	98.64%
NTTT	N71/GA7C	102	100.00%	100.00%	122	89.34%	97.54%
NTTT	VJT/GL7T				285	98.95%	98.95%
NTTT	VHC/F900				185	96.76%	98.38%
NZZO	ANZ/A20N	32330	97.47%	99.56%	35682	95.73%	98.88%
NZZO	FJI/B38M	13449	97.54%	98.43%	15899	96.94%	98.41%
NZZO	FJI/A332	3695	96.64%	98.78%	3058	95.13%	98.63%
NZZO	FJI/A333	2031	96.85%	99.11%	1870	94.28%	98.34%
NZZO	MAS/A333	1540	97.60%	97.99%	3048	97.41%	98.33%
NZZO	KAL/B77W	1249	97.76%	98.72%	271	100.00%	100.00%
NZZO	JST/A332	1159	99.22%	99.40%	455	97.36%	98.24%
NZZO	GTI/B744	994	97.48%	98.49%	1003	98.50%	99.60%
NZZO	DOD/C17	955	99.06%	99.27%	1627	98.28%	98.83%
NZZO	PVT/GLF5	744	98.39%	99.06%	748	97.59%	98.53%
NZZO	PVT/GL7T	585	95.73%	97.61%	1549	96.06%	97.68%
NZZO	PVT/FA7X	485	96.91%	97.94%	578	98.96%	99.83%
NZZO	PVT/F2TH	457	97.81%	98.91%	215	95.81%	97.21%
NZZO	KAL/B772	397	98.49%	98.99%			
NZZO	PVT/CL60	346	95.95%	98.27%	1030	97.67%	99.51%
NZZO	PVT/F900	320	95.31%	99.06%	349	97.42%	98.57%
NZZO	ACA/B77L	154	98.05%	98.70%	143	99.30%	100.00%
NZZO	PVT/GA7C	117	94.87%	95.73%	363	91.18%	94.21%

NZZO	PVT/C700	113	96.46%	97.35%	721	94.17%	95.56%
NZZO	DOD/B737	108	100.00%	100.00%	191	98.95%	98.95%
YBBB	ANZ/A21N	32569	98.16%	99.79%	26614	96.52%	98.93%
YBBB	PAL/A21N	1915	95.30%	98.33%	3724	94.95%	98.23%
YBBB	TAX/A330	1075	98.79%	98.88%	838	99.16%	99.28%
YBBB	JST/A320	350	98.29%	98.86%	325	98.15%	99.08%
YBBB	SND/A320	167	95.21%	97.60%			
YMMM	XAX/A330	5661	97.58%	98.69%	4870	98.17%	99.08%
YMMM	CPA/B773	3953	95.14%	98.79%	4462	94.85%	98.88%
YMMM	PAL/A21N	954	94.97%	98.95%	1157	93.09%	96.97%
YMMM	ATN/B767	495	95.76%	97.78%	370	98.11%	100.00%
YMMM	JST/A320	462	95.67%	96.75%	440	97.95%	99.09%
YMMM	ASY/A330	359	96.10%	96.66%	328	99.09%	99.09%
VVTS	ABL	401	95.14%	99.30%	469	93.82%	98.39%
VVTS	RBA	1213	95.96%	98.29%	1452	97.18%	99.17%
VVTS	TAX	261	98.10%	98.29%			
ZWWW	BOX/B77L	6310	98.17%	99.27%	3694	97.88%	98.94%
ZWWW	CLX/B744	6274	97.19%	98.93%	3541	97.74%	99.12%
ZWWW	FDX/B77L	5920	97.21%	99.08%	3669	96.92%	98.90%
ZWWW	QTR/B77W	4389	98.38%	99.52%	2672	96.44%	98.46%
ZWWW	ICV/B744	3565	90.93%	95.34%	2216	92.59%	95.80%
ZWWW	RUN/B744	847	98.11%	98.70%	111	99.09%	100.00%
ZWWW	AZG/B744	821	93.66%	96.71%	473	91.12%	95.13%
ZWWW	AAR/B744	579	98.10%	98.44%	157	92.99%	94.90%
ZWWW	CKS/B744	511	99.41%	99.41%	316	98.41%	98.73%
ZWWW	CPA/B773	507	95.66%	98.02%	384	98.43%	99.47%
ZWWW	KAL/B772	388	97.42%	98.96%	869	98.61%	99.53%
ZWWW	AAI/B744	306	94.44%	96.07%	402	96.01%	97.51%
ZWWW	NCR/B744	156	98.71%	100.00%	205	86.34%	87.31%
ZWWW	ABD/B744	102	96.07%	98.03%		0.00%	0.00%
ZWWW	QTR/A332		0.00%	0.00%	267	98.12%	98.87%

ZWWW	KLM/B744		0.00%	0.00%	557	97.30%	98.20%
ZLLL	CLX/B744	12211	95.95%	98.56%	9303	96.22%	98.51%
ZLLL	FDX/B77L	12031	96.43%	98.84%	9268	96.49%	98.96%
ZLLL	QTR/B77W	6679	97.73%	99.32%	4631	93.97%	96.89%
ZLLL	ICV/B744	5106	92.22%	95.96%	4936	95.60%	97.69%
ZLLL	IGA/A320	2895	97.58%	98.92%	4412	99.50%	100.00%
ZLLL	AZG/B744	1588	91.93%	96.15%	1223	90.02%	95.91%
ZLLL	DLH/B744	1379	98.40%	99.78%	1580	97.15%	98.98%
ZLLL	CPA/B773	846	94.68%	98.69%	755	97.74%	99.86%
ZLLL	PAC/B744	466	97.21%	99.35%	1139	95.96%	98.59%
ZLLL	AAI/B744	387	89.14%	92.50%	440	95.22%	97.27%
ZLLL	QTR/A359	314	98.72%	98.72%	1855	99.56%	99.89%
ZLLL	BAW/B77W	221	97.28%	98.64%		0.00%	0.00%
ZLLL	AAR/B772	175	90.28%	99.42%	181	93.92%	99.44%
ZLLL	QTR/A332				198	98.48%	98.98%
ZLLL	MMD/FA7X				112	98.21%	98.21%
ZLLL	ABD/B744				247	95.14%	95.95%
ZLLL	UAE/B77L				106	94.33%	100.00%
ZLLL	KLM/B744				897	96.32%	98.43%
ZLLL	AFR/B789				107	97.19%	97.19%
VOMF	ABD/B744				125	85.71%	96.95%
VOMF	ADY/A320	146	93.44%	94.06%	220	92.19%	92.95%
VOMF	AFR/B772	505	99.11%	100.00%	514	97.07%	98.50%
VOMF	AFR/B77W	1993	96.07%	99.08%	1188	94.53%	97.81%
VOMF	AIC/A20N	519	73.80%	83.37%	954	70.34%	78.83%
VOMF	AIC/A21N				1100	98.33%	98.62%
VOMF	AIZ/A21N	155	92.10%	100.00%			
VOMF	ALK/A20N	376	96.76%	99.76%	696	93.82%	98.11%
VOMF	ALK/A21N	596	96.64%	99.17%	738	93.20%	97.83%
VOMF	ALK/A320	387	89.21%	96.04%	455	92.42%	95.27%
VOMF	AXY/E190				119	92.20%	98.32%
VOMF	AZG/B744	249	72.16%	84.94%	162	69.14%	81.94%

VOMF	BAW/A388	594	96.82%	98.15%	1017	98.30%	99.11%
VOMF	BAW/B772				119	87.39%	96.70%
VOMF	BLX/B789	264	100.00%	100.00%	108	97.67%	98.17%
VOMF	BOX/B77L	1798	99.09%	99.53%	1114	96.50%	98.70%
VOMF	CES/A333	146	74.06%	81.51%	112	88.14%	94.32%
VOMF	CLX/B744	410	91.63%	95.00%	371	92.05%	94.35%
VOMF	CPA/A333	1364	80.57%	90.32%	1429	80.20%	90.62%
VOMF	CPA/B744	1438	80.11%	90.24%	1207	81.19%	90.39%
VOMF	CPA/B77W				167	84.21%	90.84%
VOMF	CSC/A332	107	97.22%	97.31%	113	100.00%	100.00%
VOMF	DHX/B763	493	89.66%	97.20%	2317	88.52%	94.26%
VOMF	EDW/A343	376	97.62%	97.88%	114	100.00%	100.00%
VOMF	ETD/A20N	285	97.89%	100.00%	525	92.57%	98.76%
VOMF	ETD/A21N				635	80.21%	89.53%
VOMF	ETD/B77W	1444	96.88%	98.93%	2594	97.15%	99.03%
VOMF	ETH/B788	1346	98.90%	99.68%	705	98.49%	98.99%
VOMF	EXV/A320	102	94.82%	98.39%			
VOMF	FAD/A332	219	87.31%	91.17%			
VOMF	FDX/B763				301	71.64%	81.73%
VOMF	FDX/B77L	788	96.66%	98.93%	786	97.37%	99.27%
VOMF	FDX/MD11	224	91.96%	100.00%			
VOMF	GFA/A321	261	96.96%	97.84%	329	93.92%	97.05%
VOMF	GIA/A333	1170	97.74%	98.52%	356	98.58%	98.70%
VOMF	GIA/B772	275	96.44%	99.87%	208	93.51%	98.87%
VOMF	IGO/B38M				163	94.71%	98.98%
VOMF	KAC/A20N	614	89.41%	97.56%	672	87.41%	96.09%
VOMF	KLM/B772	281	94.02%	97.64%	146	82.88%	91.89%
VOMF	MAS/A333	6236	97.28%	98.66%	4315	97.96%	99.05%
VOMF	MAS/B38M				653	76.88%	85.68%
VOMF	MAS/B738	11936	92.15%	96.88%	10414	90.70%	96.12%
VOMF	MAS/B77W				146	93.61%	98.04%

VOMF	MXD/A333	294	89.12%	94.62%	360	97.19%	99.17%
VOMF	N/GLEX	262	91.91%	97.40%	264	96.53%	97.76%
VOMF	N/GLF5	215	95.87%	98.49%	222	96.70%	99.03%
VOMF	N/GLF6	351	95.19%	96.41%	145	96.15%	100.00%
VOMF	OMA/A333	262	98.41%	98.88%			
VOMF	QFA/A388	1522	97.91%	98.24%	990	99.42%	99.53%
VOMF	QQE/GLF6	386	95.40%	98.19%	312	95.79%	98.25%
VOMF	QTR/A332	884	99.51%	99.84%	2603	96.77%	98.28%
VOMF	QTR/A333	1779	98.91%	99.61%	2028	97.21%	98.25%
VOMF	QTR/B77L	1502	99.00%	99.83%	1345	95.24%	97.89%
VOMF	QTR/B77W	16322	96.99%	99.06%	17426	93.06%	96.71%
VOMF	RBA/A20N				300	86.67%	95.67%
VOMF	RHH/CL60	116	77.16%	90.29%			
VOMF	SIA/A359	22548	98.31%	98.90%	18209	98.55%	99.16%
VOMF	SIA/B38M	3323	91.30%	93.40%	3461	90.55%	93.27%
VOMF	SIA/B744	1893	96.67%	98.55%	2050	97.02%	98.55%
VOMF	SIA/B77W	5931	97.32%	98.86%	2584	94.89%	96.57%
VOMF	SVA/B744	538	96.81%	99.18%	433	96.21%	98.04%
VOMF	SVA/B772				344	93.99%	98.69%
VOMF	T/GLF6	107	91.76%	96.20%			
VOMF	TGW/A21N	1745	78.85%	91.63%	929	86.22%	92.90%
VOMF	THA/A359	1283	99.32%	99.79%	1287	98.56%	98.97%
VOMF	THA/B788	316	97.60%	98.22%	551	97.72%	99.49%
VOMF	THY/A332	592	98.47%	98.72%	677	99.41%	99.74%
VOMF	THY/A333	1512	95.63%	98.29%	1675	96.90%	98.85%
VOMF	THY/B77W	4076	98.26%	99.51%	2115	97.69%	98.90%
VOMF	UPS/B748	632	97.86%	99.21%	641	96.75%	98.71%
VOMF	UZB/A21N	172	63.87%	76.34%	171	60.82%	76.38%
VOMF	VJT/CL35	140	95.00%	98.66%			
VOMF	VJT/GL7T	299	80.94%	87.71%	398	89.95%	93.97%
VOMF	VKG/A339	522	73.16%	77.97%			
VOMF	VTI/A20N	716	94.55%	97.04%	634	89.71%	93.06%
VOMF	VTI/A21N	1164	95.42%	96.18%	2071	99.07%	99.51%

VOMF	XAX/A333	2363	96.16%	97.38%	2963	95.98%	97.89%
VECF	VUA/C17	107	100.00%	100.00%	105	97.72%	98.83%
VECF	ABD/B744	1022	97.32%	98.14%	791	93.87%	94.97%
VECF	AFR/B772	2757	97.71%	98.38%	1836	98.96%	99.40%
VECF	AFR/B77W	3257	98.93%	99.36%	2825	97.29%	98.12%
VECF	AIC/A20N	608	86.18%	91.51%	1054	87.76%	91.62%
VECF	AUA/B763				114	93.71%	96.24%
VECF	AUA/B772	2827	97.03%	98.44%	1837	96.73%	97.76%
VECF	AZG/B744	598	93.14%	96.97%			
VECF	B81/GLF5	133	94.92%	98.62%			
VECF	BAW/B789	1105	97.41%	98.07%	329	98.84%	100.00%
VECF	BCS/A332	531	99.28%	100.00%	917	98.69%	98.82%
VECF	BCS/A333	232	98.02%	99.20%	158	95.66%	96.37%
VECF	BLX/B789	888	98.69%	99.50%	427	97.75%	98.13%
VECF	BOX/B77L	5594	98.62%	99.03%	2859	97.93%	98.67%
VECF	CAL/B744	1150	97.98%	98.83%	249	99.60%	100.00%
VECF	CAO/B77L	151	94.32%	96.39%			
VECF	CCA/A359	215	94.38%	98.86%	342	98.34%	99.42%
VECF	CEB/A339	3260	98.59%	98.93%	1546	99.32%	99.44%
VECF	CES/A333	1241	91.46%	93.19%	789	91.63%	94.39%
VECF	CFG/A339				652	84.41%	87.53%
VECF	CLX/B744	690	96.18%	97.41%	572	95.99%	97.26%
VECF	CLX/B748	2349	98.66%	99.55%	1266	98.37%	98.93%
VECF	CPA/A333	734	94.02%	97.46%	541	90.90%	94.33%
VECF	CPA/A359	1308	98.20%	98.97%	323	98.78%	99.23%
VECF	CPA/A35K	155	95.29%	97.70%			
VECF	CPA/B744	1813	92.77%	95.97%	1506	92.90%	96.08%
VECF	CPA/B748	1560	95.00%	97.48%	662	94.76%	97.53%
VECF	CPA/B77W	6264	94.17%	97.14%	3588	95.14%	97.45%
VECF	CSG/B77L				204	98.43%	98.72%
VECF	DHK/B763	316	96.46%	97.61%	540	96.14%	97.50%

VECF	DHX/B763	2118	95.00%	96.69%	1544	94.43%	97.81%
VECF	DLH/A388	1667	99.04%	99.68%	520	98.40%	98.76%
VECF	EAU/B744	160	78.71%	84.22%			
VECF	EDW/A343	646	97.68%	97.84%	506	100.00%	100.00%
VECF	ETD/B77L	4809	97.44%	98.57%	1806	98.19%	98.95%
VECF	ETH/A359	1883	99.02%	99.59%	836	97.43%	98.75%
VECF	EVA/B789	1843	97.02%	97.83%	424	99.39%	99.93%
VECF	EVA/B78X	1852	95.63%	96.85%	727	99.22%	99.86%
VECF	FDX/B763				337	88.23%	91.61%
VECF	FDX/B77L	2499	96.52%	98.28%	1447	95.92%	97.94%
VECF	GTI/B744	464	95.98%	98.01%	473	94.93%	97.26%
VECF	HIM/A320	182	78.21%	83.08%			
VECF	HLF/B77L	159	95.49%	99.36%	165	94.55%	99.03%
VECF	HSK/GLF6	152	96.71%	96.75%			
VECF	HVN/B789	4153	97.62%	98.59%	2640	96.14%	97.06%
VECF	IGA/B763	123	94.31%	96.22%			
VECF	KAL/B772	673	97.62%	99.66%	736	94.70%	98.79%
VECF	KLM/B772	2497	94.53%	95.31%	876	97.55%	98.41%
VECF	KLM/B77W	4239	98.23%	98.87%	2276	96.40%	97.73%
VECF	KLM/B789	956	99.16%	99.39%	679	96.30%	97.35%
VECF	LOT/B788	1432	98.68%	99.44%	485	94.73%	95.49%
VECF	LOT/B789	1161	97.94%	98.33%	679	98.38%	98.89%
VECF	MAS/A333	2751	98.15%	98.89%	1374	98.86%	99.23%
VECF	MAS/B38M				3292	78.68%	88.21%
VECF	MAS/B738	11665	92.88%	96.42%	3548	89.35%	94.17%
VECF	MAS/B77L	113	94.25%	97.50%			
VECF	MAS/B77W	156	91.88%	94.64%			
VECF	MPH/B744				692	96.17%	98.49%
VECF	MSR/A332	1115	97.37%	98.17%	761	97.25%	98.55%
VECF	MXD/A333	1768	96.44%	98.90%	786	96.97%	98.84%
VECF	MXD/B738				113	85.86%	90.27%
VECF	NBT/B789	1053	97.50%	98.05%	470	98.72%	98.73%

VECF	NCR/B744	1256	93.95%	96.34%	417	89.99%	92.00%
VECF	OMA/A332	577	98.33%	98.61%			
VECF	PAL/A333	10161	99.45%	99.66%	4134	97.90%	98.66%
VECF	PIA/B77W	108	95.93%	98.43%			
VECF	QFA/B789	324	95.73%	96.31%			
VECF	QTR/A359	2419	98.97%	99.48%	1028	98.46%	98.82%
VECF	QTR/B77L	14632	97.70%	98.99%	8841	97.43%	98.62%
VECF	QTR/B77W	22779	97.64%	99.05%	11762	93.97%	96.49%
VECF	RCR/B744	632	95.73%	98.23%	169	95.75%	98.06%
VECF	RJA/B788	1214	99.16%	99.69%	503	97.68%	98.34%
VECF	SIA/B38M	1484	86.02%	89.01%	399	93.23%	93.96%
VECF	SIA/B77W	9639	95.57%	96.53%	7546	97.40%	98.75%
VECF	SVA/B744	1189	98.66%	99.45%	184	98.15%	98.85%
VECF	SVA/B77L	3180	97.85%	98.98%	1592	98.12%	99.12%
VECF	SWR/B77W	4937	97.73%	98.62%	2658	97.97%	99.44%
VECF	THA/A320	198	99.39%	100.00%	213	95.68%	96.41%
VECF	THA/A333	3044	98.59%	99.68%	793	96.53%	97.75%
VECF	THA/B77W	19337	96.87%	98.10%	8450	97.38%	98.56%
VECF	THA/B788	4959	97.90%	98.82%	1654	97.78%	98.43%
VECF	TVR/B744	200	98.55%	99.51%	383	97.61%	98.30%
VECF	UAE/B744	5893	97.22%	98.73%	1894	97.94%	98.85%
VECF	UAE/B77L	9209	97.09%	98.83%	3968	96.90%	98.68%
VECF	UPS/B763	108	94.34%	96.90%			
VECF	UZB/A21N	1688	82.52%	87.07%	980	82.76%	88.16%
VECF	UZB/B763				434	86.87%	93.12%
VECF	UZB/B788	837	95.94%	97.01%	520	96.87%	98.14%
VECF	UZS/A333	442	86.99%	89.94%	346	80.18%	83.03%
VECF	V8M/B762	101	90.46%	100.00%	147	94.77%	95.93%
VECF	VJC/A333	2559	95.82%	98.40%	790	96.94%	99.04%
VECF	VJT/GL7T	150	83.07%	85.92%	146	93.09%	94.86%
VECF	VKG/A339	293	89.53%	92.02%	166	85.18%	90.67%

VECF	VPC/GLF6	236	88.91%	89.97%			
VECF	VSV/B39M	516	94.84%	95.81%	389	89.60%	91.60%
VECF	VTI/A21N	14015	98.50%	98.81%	2216	99.61%	99.78%
VECF	XAX/A333	4020	98.33%	98.78%	1645	98.71%	99.21%
VABF	B/GLF5	113	88.94%	93.79%			
VABF	N/GLEX	471	94.83%	98.77%	431	96.88%	99.54%
VABF	N/GLF5	458	94.18%	97.92%	496	92.07%	97.86%
VABF	T/GL5T				194	95.18%	97.48%
VABF	ABD/B744	780	89.59%	96.50%	1292	88.24%	94.76%
VABF	ADY/A320	717	73.99%	77.10%	1180	72.54%	75.56%
VABF	AFR/A332	2229	99.67%	99.88%	456	98.05%	98.48%
VABF	AFR/B772	978	96.52%	99.04%	1362	91.92%	97.49%
VABF	AFR/B77L				306	84.80%	93.50%
VABF	AFR/B77W	3123	93.40%	98.64%	1504	90.43%	97.82%
VABF	AIC/A20N	906	62.91%	69.66%	1305	63.07%	70.34%
VABF	AIC/B77L	1075	96.50%	99.37%	314	93.07%	97.73%
VABF	AIZ/A21N	463	92.44%	97.05%			
VABF	ALK/A21N	2263	95.80%	98.00%	3326	97.08%	98.60%
VABF	ALK/A320	965	96.17%	99.00%	811	94.11%	94.90%
VABF	ATC/B763	143	45.98%	61.00%	121	55.65%	64.41%
VABF	ATG/B744	289	93.43%	96.95%			
VABF	AXB/B738	189	83.01%	87.33%	172	84.88%	90.73%
VABF	AZG/B744	150	83.17%	91.62%			
VABF	AZG/B77L	144	93.15%	95.83%	109	97.40%	98.88%
VABF	BAW/B772	3051	96.72%	98.43%	2967	94.54%	97.46%
VABF	BBC/B738	129	83.82%	85.24%	148	81.26%	84.17%
VABF	CAL/B744	366	96.53%	97.34%			
VABF	CES/A333				1752	86.99%	90.58%
VABF	CFG/A339	1023	96.87%	99.35%	953	92.13%	96.75%
VABF	CKS/B77L	144	97.96%	98.76%			
VABF	CLX/B744	819	94.38%	97.65%	904	93.14%	96.52%
VABF	CPA/B744	379	94.99%	99.72%	545	92.84%	97.71%

VABF	CPA/B748	352	96.31%	99.60%	335	93.53%	97.63%
VABF	CPA/B77W	1584	94.95%	98.88%	2507	93.82%	98.58%
VABF	CSZ/A333				249	97.68%	98.35%
VABF	CTV/A339				1559	90.31%	95.38%
VABF	DHK/B763	247	98.79%	100.00%	160	98.76%	98.78%
VABF	DLH/B789	1661	97.91%	98.82%	705	98.93%	99.54%
VABF	EAU/B744	242	76.03%	91.46%	459	76.03%	88.37%
VABF	ETD/A20N	490	98.19%	99.72%	911	96.02%	98.25%
VABF	ETD/A21N				2879	85.62%	89.74%
VABF	ETD/A320	13030	97.01%	98.09%	11487	97.43%	98.87%
VABF	ETD/A321	16542	98.08%	98.94%	22939	97.92%	99.32%
VABF	ETH/A359	2744	98.83%	99.69%	3070	96.21%	97.14%
VABF	ETH/B38M	171	94.22%	95.26%	263	84.22%	89.99%
VABF	ETH/B77W	3922	96.12%	98.59%	4141	96.93%	99.15%
VABF	ETH/B788	7691	97.82%	98.73%	8755	97.69%	98.90%
VABF	EXV/A320	708	83.90%	87.62%	517	75.53%	79.78%
VABF	FAD/B773				102	88.27%	90.90%
VABF	FDX/B763				336	89.05%	97.97%
VABF	FDX/B77L	2276	94.86%	98.15%	3256	94.99%	98.03%
VABF	FDX/MD11	1457	97.44%	99.08%	129	96.90%	98.53%
VABF	FGO/A332				112	97.42%	98.12%
VABF	GFA/A21N	1495	93.98%	97.71%	3308	94.50%	97.73%
VABF	GFA/A321	3318	97.36%	97.99%	2951	95.29%	96.14%
VABF	GIA/A332	121	95.12%	96.04%			
VABF	GIA/B744	382	94.07%	98.64%	178	96.16%	98.43%
VABF	GNJ/CL60	133	94.17%	98.36%	108	85.56%	87.11%
VABF	GTI/B744	185	97.84%	99.55%	228	95.18%	97.68%
VABF	HLF/B77L	433	93.53%	97.32%	313	87.86%	96.26%
VABF	IAM/GLF5				229	87.71%	96.84%
VABF	IFA/CL60	215	94.83%	99.17%	207	94.44%	99.19%

VABF	IGO/B38M				7031	72.85%	82.71%
VABF	IGO/B77W	1261	94.92%	99.14%	1885	88.22%	95.33%
VABF	JZR/A20N	159	75.00%	77.25%	220	78.86%	82.38%
VABF	KAC/A20N	4830	95.80%	98.67%	5418	94.98%	97.91%
VABF	KLM/B772	1472	96.01%	98.60%	388	93.97%	98.35%
VABF	KLM/B77W	1129	99.08%	99.96%	714	96.19%	98.71%
VABF	KNE/A333	350	89.38%	92.00%			
VABF	LNI/A333	2671	98.13%	99.07%	3310	98.20%	98.95%
VABF	MPH/B744				340	86.47%	94.20%
VABF	MSR/A332	1034	95.36%	95.74%	615	97.58%	98.82%
VABF	MSR/B77W	391	96.59%	98.83%	341	99.76%	100.00%
VABF	MXD/A333	774	97.03%	98.64%	1057	96.01%	98.75%
VABF	NCR/B744	831	94.71%	99.13%	647	93.59%	97.06%
VABF	NJE/GLEX	302	99.35%	99.40%	210	92.51%	96.48%
VABF	NUM/GLF6				151	93.30%	100.00%
VABF	OMA/A332	1449	97.35%	98.24%			
VABF	OMA/A333	464	96.12%	97.57%			
VABF	PAL/A333	3044	99.32%	99.80%	3246	97.45%	98.08%
VABF	QFA/A388	1272	98.39%	98.51%	512	99.61%	100.00%
VABF	QQE/GL5T	201	95.95%	98.90%			
VABF	QQE/GLF6				476	95.04%	98.06%
VABF	QTR/A332	3404	98.46%	98.98%	6782	96.14%	97.33%
VABF	QTR/A333	8310	97.77%	98.70%	7737	98.38%	99.06%
VABF	QTR/A359	15946	97.54%	98.16%	16417	98.87%	99.26%
VABF	QTR/A388	8661	98.08%	98.70%	7971	98.87%	99.29%
VABF	QTR/B744	275	100.00%	100.00%	278	96.98%	98.30%
VABF	QTR/B748	112	96.45%	96.93%			
VABF	QTR/B77L	24234	96.60%	98.93%	31404	96.41%	98.82%
VABF	QTR/B77W	60140	94.41%	98.13%	61612	93.32%	97.37%
VABF	QTR/B788	16611	97.97%	99.42%	11770	97.43%	98.99%
VABF	RCR/B744	286	92.89%	97.35%	149	86.74%	94.12%
VABF	RHH/CL60	168	95.41%	98.93%			

VABF	SEY/A20N	1569	96.21%	98.95%	1451	93.45%	97.01%
VABF	SIA/A359	6242	99.42%	99.65%	2968	98.37%	98.67%
VABF	SIA/B744	1282	97.89%	99.34%	1442	97.02%	98.63%
VABF	SIA/B77W	2021	96.88%	99.41%	195	91.28%	95.87%
VABF	SVA/B744	1465	96.34%	98.31%	935	92.73%	96.47%
VABF	SVA/B772				630	94.34%	99.08%
VABF	THY/A333	3091	97.27%	98.33%	4440	98.38%	99.64%
VABF	THY/B744	302	92.38%	96.25%			
VABF	TOM/B788	1105	98.73%	100.00%	317	94.83%	100.00%
VABF	TVR/B744	229	92.62%	94.21%	834	97.60%	99.01%
VABF	UAE/B744	3022	92.55%	97.12%	2837	89.53%	95.10%
VABF	UGD/A338	649	96.22%	99.05%	715	96.29%	98.85%
VABF	UPS/B748	3278	97.80%	98.87%	2898	97.79%	98.97%
VABF	VJT/GLEX	1137	98.07%	99.58%	870	93.45%	96.58%
VABF	VKG/A339	471	93.54%	97.91%			
VABF	VTI/A20N	4554	93.96%	96.05%	4161	95.58%	97.10%
VABF	VTI/A21N	5211	98.11%	98.39%	3918	98.29%	98.84%
VABF	XAX/A333	1212	95.46%	97.03%	1986	95.42%	97.42%
VABF	VTHMA/GLEX	130	94.92%	100.00%	112	90.35%	97.65%
RJJJ	AAR/A21N	2989	97.16%	99.23%	2132	96.39%	98.69%
RJJJ	ACA/B77L	231	96.54%	98.27%	0		
RJJJ	ATN/B752	1567	98.53%	98.92%	1834	99.51%	99.89%
RJJJ	CAL/A21N	1719	96.80%	99.30%	3760	94.76%	98.27%
RJJJ	CCA/B77W	9627	98.58%	99.58%	12143	96.53%	98.84%
RJJJ	CES/B77W	20107	97.57%	99.12%	21415	96.99%	98.73%
RJJJ	CKS/B744	52280	96.33%	98.93%	61550	96.19%	98.84%
RJJJ	CKS/B77L	10450	96.78%	98.86%	15126	97.11%	99.03%
RJJJ	CMB/B748	135	98.52%	98.52%	52	98.08%	100.00%
RJJJ	CMB/B763	120	95.83%	97.50%	45	97.78%	100.00%
RJJJ	CMB/MD11	513	97.66%	98.44%	54	87.04%	98.15%
RJJJ	CNK/CL60	178	94.94%	97.19%	166	96.99%	98.19%
RJJJ	CPI/B737	26	96.15%	96.15%	109	96.33%	99.08%

RJJJ	CPJ/GL7T	426	95.77%	97.89%	520	97.50%	99.23%
RJJJ	CSS/B744	1991	95.83%	98.59%	2347	97.10%	99.28%
RJJJ	DAL/A339	46733	95.01%	98.76%	54202	95.29%	98.92%
RJJJ	EJM/GL7T	162	95.06%	98.77%	153	96.73%	100.00%
RJJJ	EJM/GLEX	76	98.68%	98.68%	143	97.90%	99.30%
RJJJ	EJM/GLF4				105	93.33%	97.14%
RJJJ	EJM/GLF5	239	99.16%	100.00%	98	95.92%	96.94%
RJJJ	FDX/B763	1478	94.45%	98.11%	1451	92.97%	98.41%
RJJJ	FDX/B77L	70003	96.07%	98.61%	94483	95.59%	98.43%
RJJJ	FLC/CL60	113	92.92%	99.12%	35	91.43%	97.14%
RJJJ	GIA/A339	929	94.94%	98.82%	965	93.99%	95.85%
RJJJ	GIA/B77W	41	95.12%	100.00%	535	96.07%	98.32%
RJJJ	GTI/B77L	15053	97.02%	99.12%	24912	96.72%	98.62%
RJJJ	HVN/B789	345	93.62%	99.42%	55	94.55%	96.36%
RJJJ	ICE/B752	140	86.43%	95.71%	83	89.16%	96.39%
RJJJ	JAL/B738	111	98.20%	100.00%	55	98.18%	98.18%
RJJJ	KAL/B737	118	93.22%	96.61%	82	98.78%	98.78%
RJJJ	KAL/B788	124	94.35%	99.19%	166	97.59%	98.80%
RJJJ	KAL/GLF6	73	100.00%	100.00%	197	97.97%	98.98%
RJJJ	LOT/B788	359	98.61%	99.16%	476	97.48%	98.95%
RJJJ	LXJ/GLF6	158	95.57%	98.10%	356	98.88%	99.16%
RJJJ	MAS/A333	3093	96.83%	98.29%	6928	98.24%	98.93%
RJJJ	MAS/B738	723	95.85%	98.20%	0		
RJJJ	MVJ/GL7T				109	90.83%	98.17%
RJJJ	NCR/B744	9140	97.23%	99.54%	8289	96.32%	98.96%
RJJJ	OAE/B772	1449	96.07%	97.93%	1390	98.06%	99.57%
RJJJ	PAL/A21N	5264	98.08%	98.75%	7380	96.10%	98.40%
RJJJ	PAL/A321	19441	94.13%	95.63%	22896	94.94%	96.16%
RJJJ	QFA/B744	1687	98.16%	98.46%	1669	98.26%	99.04%
RJJJ	QQE/GLF6	731	96.99%	98.91%	1180	96.86%	99.32%
RJJJ	RBA/B788				291	94.16%	99.66%

RJJJ	RCH/C17	7502	98.77%	99.40%	7940	97.95%	98.95%
RJJJ	RCH/C5	160	84.38%	88.75%	141	97.87%	97.87%
RJJJ	RCH/C5M	2554	98.90%	99.06%	1697	97.82%	98.11%
RJJJ	RCH/K35R	957	98.12%	98.96%	1310	97.33%	98.85%
RJJJ	RDN/B737	109	98.17%	99.08%	27	88.89%	100.00%
RJJJ	RHH/CL60	123	95.93%	98.37%	23	100.00%	100.00%
RJJJ	RKS/GL7T	234	97.01%	98.29%	57	94.74%	98.25%
RJJJ	SAM/GLF5	312	97.76%	98.72%	318	97.80%	98.43%
RJJJ	SIS/GLF5	80	96.25%	100.00%	122	96.72%	97.54%
RJJJ	TAG/GL7T	122	98.36%	99.18%	111	91.89%	97.30%
RJJJ	TAG/GLF5				125	96.00%	97.60%
RJJJ	TAX/A333				132	98.48%	98.48%
RJJJ	TBJ/GL7T	190	94.21%	96.32%	179	97.21%	97.77%
RJJJ	TBJ/GLF5	160	98.75%	100.00%	29	96.55%	96.55%
RJJJ	TWB/B38M	7688	97.36%	98.14%	13743	96.92%	98.46%
RJJJ	TWY/GL7T	67	100.00%	100.00%	178	95.51%	97.19%
RJJJ	TWY/GLF5	295	96.27%	98.64%	97	97.94%	100.00%
RJJJ	TWY/GLF6	139	98.56%	100.00%	63	98.41%	98.41%
RJJJ	UAL/B772	63298	97.08%	98.98%	71993	97.21%	98.99%
RJJJ	VJT/CL35	120	95.83%	99.17%	86	95.35%	97.67%
RJJJ	VJT/GL7T	2422	94.76%	97.94%	2002	94.86%	98.50%
RJJJ	VOZ/B38M	6541	95.44%	98.88%	7234	95.53%	98.70%
RJJJ	WIN/A332				394	93.91%	96.45%
RJJJ	XAX/A333	189	100.00%	100.00%	1011	98.42%	98.91%
WMFC	ABD/B744				170	62.35%	76.59%
WMFC	AZG/B744	497	77.01%	90.41%	413	80.23%	90.02%
WMFC	CFG/A339				159	70.02%	87.67%
WMFC	CLX/B744	751	90.41%	94.38%	533	96.84%	98.02%
WMFC	GIA/B772	332	88.86%	99.25%	318	95.42%	99.12%
WMFC	MAS/B38M				327	84.91%	90.21%
WMFC	MAS/B738	16997	91.89%	96.89%	12297	92.33%	97.44%

WMFC	QTR/B77W	17085	98.36%	99.67%	9888	95.69%	98.56%
WMFC	RBA/A20N				127	87.01%	97.80%
WMFC	SIA/B38M	7172	93.10%	95.82%	6672	93.48%	96.18%
WMFC	T7E/GLF5				207	98.14%	98.87%
WMFC	THY/A333	369	93.65%	99.17%	159	96.81%	99.22%
WMFC	VKG/A339	146	49.83%	73.56%			
WMFC	XAX/A333	3552	96.71%	98.19%	3306	97.23%	99.13%
RPHI	AAR/A21N	5141	98.69%	99.69%	5686	97.01%	98.73%
RPHI	AAR/A321	466	98.51%	98.97%	121	98.18%	100.00%
RPHI	ABL/A21N	4140	96.21%	98.61%	5725	96.17%	98.88%
RPHI	AHK/A333	1342	98.04%	100.00%	1315	98.02%	98.80%
RPHI	CAL/A21N	9160	97.61%	99.31%	10395	96.68%	98.96%
RPHI	CES/A333	1406	96.37%	97.72%	3302	97.64%	99.21%
RPHI	CES/B77W	174	97.63%	98.93%	290	97.59%	99.62%
RPHI	CPA/A333	22916	94.66%	98.83%	21982	95.61%	98.99%
RPHI	CPA/B773	789	93.41%	98.57%	2036	92.29%	98.20%
RPHI	CPA/B77W	12431	92.01%	98.25%	15132	92.64%	98.41%
RPHI	CSN/A21N	5641	90.78%	95.04%	10544	92.29%	96.04%
RPHI	CSN/B77L	134	96.46%	98.40%			
RPHI	GCR/A333	171	100.00%	100.00%	177	97.25%	97.74%
RPHI	GIA/A332				132	96.24%	96.51%
RPHI	GIA/A339	903	99.44%	99.64%	1706	96.92%	97.78%
RPHI	GTI/B77L				165	97.93%	98.43%
RPHI	HVN/A359	126	100.00%	100.00%	1571	98.05%	98.63%
RPHI	KAL/A21N	1370	92.41%	98.25%	4868	97.25%	98.79%
RPHI	MAS/A333	5107	97.89%	98.31%	5244	99.25%	99.37%
RPHI	PAL/A21N	9885	97.97%	98.98%	12414	97.36%	98.90%
RPHI	PAL/A321	25732	92.46%	94.19%	30392	92.65%	94.07%
RPHI	QTR/B77W	8141	99.72%	99.92%	7136	97.72%	98.82%
RPHI	SJX/A21N	7701	96.14%	99.10%	10407	95.15%	98.77%
RPHI	TGW/A21N	3172	97.29%	99.34%	5597	96.50%	98.57%
RPHI	THA/A359	545	98.45%	98.69%	358	99.52%	100.00%

RPHI	XAX/A333	8200	97.90%	98.67%	7052	97.89%	98.49%
WSJC	VPB/GLF5	319	94.63%	98.61%	289	94.53%	95.62%
WSJC	9MJ/GLF5	121	90.81%	92.81%	15		
WSJC	ANG/B763	619	93.38%	97.47%	0		
WSJC	CKS/B77L	183	93.29%	97.97%	168	96.88%	98.65%
WSJC	N55/GLF5	150	94.00%	99.41%	4		
WSJC	VPC/GA6C	178	94.47%	98.48%	93		
WSJC	AFL/A359	0			163	93.99%	98.03%
WSJC	APJ/A21N	0			539	78.54%	85.86%
WSJC	GIA/A332	244	99.18%	100.00%	218	94.65%	98.32%
WSJC	N82/CL60	178	98.06%	98.74%	114	93.80%	96.76%
WSJC	N88/GLF4	0			138	94.62%	97.64%
WSJC	QQE/GLF6	433	98.27%	99.95%	272	94.75%	99.07%
WSJC	TCJ/GLF6	155	96.32%	100.00%	139	91.37%	97.02%
WAAF	CCA/B77W				221	94.46%	98.09%
WAAF	CES/B77W				221	96.17%	98.04%
WAAF	CPA/A320				846	95.02%	96.69%
WAAF	CPA/B77W	9776	94.85%	98.52%	29892	97.70%	99.38%
WAAF	CSN/B77L	105	98.17%	98.99%			
WAAF	FDX/B77L	2035	98.23%	98.77%	2256	98.60%	99.35%
WAAF	GIA/A339	123	100.00%	100.00%	643	97.15%	97.75%
WAAF	HVN/B789	172	98.35%	98.69%	421	99.85%	100.00%
WAAF	MSD/A333	394	90.74%	99.43%	1023	97.85%	99.15%
WAAF	PAL/A21N	2801	92.29%	95.07%	4894	94.30%	97.72%
WAAF	PAL/A333	4227	99.12%	99.63%	100	92.38%	95.51%
WAAF	QFA/A333	12835	98.26%	98.62%	13424	99.17%	99.44%
WAAF	SJV/A320	799	95.81%	96.92%	621	93.54%	95.49%
WAAF	TAX/A333	882	96.41%	96.69%	303	97.32%	98.71%
WAAF	THA/A359	4870	98.30%	98.71%	6957	98.71%	99.04%
WAAF	THA/B77W	1279	97.80%	98.37%	156	100.00%	100.00%
WAAF	VJC/A333				6060	93.65%	94.80%

WAAF	VTI/B789	291	96.76%	98.36%	244	99.88%	100.00%
WAAF	XAX/A333	3729	98.86%	99.29%	2470	98.60%	98.70%
PAZA	FDX/B77L	76679	97.16%	98.91%	103770	97.76%	99.23%
PAZA	DAL/A339	33111	95.97%	99.13%	27062	96.12%	98.95%
PAZA	ACA/B77W	32510	96.50%	98.75%	30320	97.13%	99.14%
PAZA	CPA/B77W	17929	95.98%	98.91%	25761	95.94%	99.13%
PAZA	MIL/C17	7582	98.32%	99.10%	6705	97.17%	98.51%
PAZA	MIL/K35R	4966	97.76%	98.49%	3319	99.01%	99.67%
PAZA	CXA/B789	3087	98.22%	98.96%	6289	99.08%	99.54%
PAZA	AAL/B772	2479	96.53%	98.95%	11325	97.92%	99.54%
PAZA	VJT/GL7T	2137	97.24%	98.74%	1449	97.17%	98.41%
PAZA	ASA/B39M	1984	95.67%	98.84%	1425	95.30%	98.46%
PAZA	OAE/B772	1736	95.05%	97.52%	1454	97.18%	99.66%
PAZA	WGN/MD11	689	97.97%	98.69%	1629	98.65%	99.63%
PAZA	MIL/B744	654	96.18%	97.25%	821	97.20%	98.17%
PAZA	MIL/MD11	618	99.68%	99.84%	160	91.88%	98.75%
PAZA	QTR/B77L	531	97.93%	98.68%	1234	99.03%	99.27%
PAZA	LOT/B788	481	95.63%	97.30%	664	95.78%	98.49%
PAZA	MIL/R135	461	95.01%	98.92%	387	97.93%	99.74%
PAZA	ATN/B763	381	97.64%	98.69%	223	97.31%	100.00%
PAZA	DAL/A333	376	96.81%	98.40%	688	96.22%	98.26%
PAZA	CPJ/GL7T	236	95.76%	97.03%	268	96.27%	97.01%
PAZA	TWY/GLF5	211	98.10%	99.05%	117	98.29%	98.29%
PAZA	MIL/B748	174	89.66%	90.23%	171	84.21%	84.80%
PAZA	EJM/GL7T	170	95.88%	98.24%	104	96.15%	97.12%
PAZA	LXJ/GLF6	161	97.52%	98.14%	454	99.12%	99.12%
PAZA	ICE/B752	151	90.07%	98.68%	113	88.50%	98.23%
PAZA	RHH/CL60	133	98.50%	98.50%			
PAZA	TBJ/GLF6	131	96.18%	97.71%	200	100.00%	100.00%
PAZA	ADS/FA7X	127	96.06%	96.06%			
PAZA	TBJ/GL7T	121	95.87%	98.35%	231	97.40%	97.84%

PAZA	MIL/B77L	112	97.32%	98.21%	119	99.16%	100.00%
PAZA	CSS/B744	104	100.00%	100.00%	578	95.67%	98.96%
PAZA	WIN/A332				663	90.20%	92.91%
PAZA	MIL/A332				239	96.65%	96.65%
PAZA	TWY/GL7T				234	95.73%	96.15%
PAZA	MIL/B742				115	92.17%	95.65%
PAZA	JNY/GLF5				102	98.04%	98.04%

Attachment E: RCP issues (Media type)

Criteria		RCP240									
Period		Jan-Jun2024					Jul-Dec2024				
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	ByMediaType	MessageCounts	95%benchmark		99.9%Benchmark		MessageCounts	95%benchmark		99.9%Benchmark	
			ACP	ACTP	ACP	ACTP		ACP	ACTP	ACP	ACTP
			%<=180sec	%<=120sec	%<=210sec	%<=150sec		%<=180sec	%<=120sec	%<=210sec	%<=150sec
FIR	ByMediaType										
KZAK	SAT-VHF	1811	94.53%	96.63%	95.53%	97.74%	1743	91.91%	93.57%	93.00%	94.78%
KZAK	VHF-SAT	1434	97.42%	96.16%	98.54%	98.47%	1578	95.94%	95.63%	97.08%	97.34%
KZAK	HF-SAT	253	87.75%	90.51%	91.30%	92.89%	233	84.12%	84.55%	87.55%	90.13%
KZAK	HF						100	55.00%	48.00%	60.00%	59.00%
NZZO	HF	115	85.21%	86.95%	87.82%	94.78%	158	81.64%	86.70%	86.07%	89.24%
VVTS	SAT	20295	98.23%	99.07%	98.88%	99.52%	21100	97.81%	98.90%	98.99%	99.40%
VVTS	VHF	56669	98.41%	99.87%	98.89%	99.93%	55881	98.55%	99.88%	98.57%	99.95%
ZWWW	SATCOM	31	87.09%	87.09%	87.09%	87.09%	23	100.00%	100.00%	100.00%	100.00%
ZLLL	SV	54	94.44%	98.14%	94.44%	98.14.00%	103	96.11%	100.00%	96.11%	100.00%
ZLLL	VS	45	91.11%	100.00%	93.33%	100.00%	41	95.12%	97.56%	95.12%	100.00%
ZLLL	HS	2	100.00%	100.00%	100.00%	100.00%	6	83.33%	33.33%	83.33%	33.33%
VECF	SATCOM	13251	98.52%	98.83%	98.90%	99.12%	16580	98.76%	98.95%	99.01%	99.17%
VECF	SV	178	96.40%	98.53%	98.05%	100.00%	161	93.56%	92.07%	94.83%	95.14%
VECF	VS	228	89.91%	88.82%	91.84%	91.10%	197	91.92%	91.59%	92.06%	92.27%
VABF	SV	1666	95.32%	97.66%	96.64%	99.14%	1761	94.04%	96.08%	96.08%	97.28%
VABF	VS	3410	94.60%	96.33%	96.30%	98.30%	3612	95.04%	95.79%	96.32%	97.90%
RJJJ	SAT-VHF	196	97.68%	99.00%	98.67%	99.33%	259	98.58%	98.30%	99.43%	98.86%
RJJJ	VHF-SAT	6223	95.40%	91.83%	95.91%	95.40%	7679	95.75%	89.57%	96.13%	94.98%
WMFC	HF	294	86.96%	88.10%	91.04%	93.62%	198	85.19%	86.57%	91.01%	91.41%

RPHI	SATCOM	10210	99.13%	99.84%	99.42%	99.85%	20791	99.42%	99.95%	99.56%	99.97%
RPHI	VHF	10742	98.24%	98.68%	98.46%	98.79%	19526	98.28%	98.49%	98.49%	98.63%
RPHI	VS	162	96.53%	97.82%	96.72%	97.94%	312	98.03%	99.76%	98.69%	99.81%
RPHI	SV	1972	99.71%	99.90%	99.76%	99.91%	3289	99.70%	99.99%	99.72%	100.00%
RPHI	HV	272	83.30%	76.47%	86.40%	85.13%	440	84.55%	75.68%	87.39%	82.33%
VCCF	SATCOM	5590	97.70%	99.41%	98.65%	99.71%	19809	96.85%	99.22%	99.01%	99.47%
VCCF	VHF	88	95.45%	96.59%	96.59%	98.85%	528	96.59%	99.62%	99.21%	99.81%
WAAF	SV	382	98.22%	99.55%	98.30%	99.62%	496	98.49%	100.00%	98.94%	100.00%
PAZA	HF	53	58.49%	45.28%	66.04%	66.04%	35	60.00%	48.57%	71.43%	62.86%
PAZA	SAT-VHF	441	95.92%	96.60%	97.05%	98.41%	453	96.03%	96.03%	97.13%	97.79%
PAZA	VHF-SAT	689	96.08%	95.65%	97.10%	97.24%	963	97.20%	96.26%	97.92%	97.72%
PAZA	SAT-HF	19	78.95%	68.42%	78.95%	73.68%	10	50.00%	50.00%	50.00%	50.00%
PAZA	HF-SAT	117	88.89%	89.74%	93.16%	93.16%	99	96.97%	93.94%	96.97%	96.97%
PAZA	HF-VHF	9	88.89%	100.00%	100.00%	100.00%	10	90.00%	80.00%	90.00%	90.00%

Attachment E: RCP issues (Designator type)

Criteria			RCP240									
Period			Jan-Jun2024					Jul-Dec2024				
Colour Key Meets Criteria 99.0%-99.89% Under Criteria		MessageCounts	95%benchmark		99.9%Benchmark		MessageCounts	95%benchmark		99.9%Benchmark		
			ACP	ACTP	ACP	ACTP		ACP	ACTP	ACP	ACTP	
			%<=180sec	%<=120sec	%<=210sec	%<=150sec		%<=180sec	%<=120sec	%<=210sec	%<=150sec	
ByRemoteGroundStation(RGS)GroundEarthStation(GES)												
FIR	Designator	Type	(RGS/GESwithmessagecounts>100)									
KZAK	IG1/IG1	SAT	63771	98.27%	98.51%	99.03%	99.09%	66363	97.99%	98.23%	98.82%	98.92%
KZAK	IGW1/IGW1	SAT	10842	98.57%	99.07%	99.06%	99.22%	10996	98.15%	98.48%	98.91%	98.92%
KZAK	IG1/SBA8	SV	116	96.55%	100.00%	96.55%	100.00%					
NTTT	IGW1	SAT	309	99.03%	99.35%	99.68%	99.68%	243	98.35%	97.94%	98.35%	98.35%
NZZO	IGW1	SAT	19163	98.60%	99.26%	98.94%	99.45%	19932	97.58%	98.22%	98.39%	98.67%
NZZO	IG1	VHF	362	92.81%	94.47%	93.37%	97.51%	474	98.10%	98.94%	98.52%	99.57%
NZZO	SUV1	VHF	129	96.89%	99.22%	97.67%	99.22%	153	99.34%	100.00%	99.34%	100.00%
NZZO	H05	HF						147	80.95%	86.39%	85.71%	88.43%
YBBB	IOR5	VHF	637	99.53%	99.53%	99.84%	100.00%	457	98.25%	98.91%	98.69%	98.91%
YMMM	AYQ	VHF	320	98.75%	98.44%	98.75%	99.06%	322	99.69%	100.00%	99.69%	100.00%
YMMM	IG1	SAT	212	99.53%	99.06%	100.00%	99.53%	262	99.62%	97.33%	99.62%	98.85%
YMMM	IGW1	SAT						118	96.61%	98.31%	97.46%	99.15%
VVTS	APK1	SAT	10856	98.38%	99.36%	99.50%	99.72%	10779	98.28%	99.40%	98.88%	99.71%
VVTS	CXR	VHF	1821	98.69%	99.87%	99.13%	99.95%	950	98.36%	100.00%	98.55%	100.00%
VVTS	CXRV	VHF	229	98.11%	100.00%	98.65%	100.00%	195	99.98%	100.00%	100.00%	100.00%
VVTS	DAD	VHF	176	98.82%	100.00%	99.57%	100.00%	290	99.33%	100.00%	99.76%	100.00%
VVTS	DLI	VHF	3009	97.85%	100.00%	98.33%	100.00%	3349	97.16%	99.98%	97.82%	99.99%
VVTS	DLI1	VHF	726	98.84%	100.00%	98.89%	100.00%	678	98.62%	99.93%	99.13%	100.00%
VVTS	DLIV	VHF	534	98.14%	100.00%	98.67%	100.00%	782	97.60%	100.00%	98.49%	100.00%
VVTS	IG1	SAT	353	96.04%	95.02%	96.43%	96.81%	549	89.21%	89.74%	93.99%	94.72%
VVTS	IGW1	SAT	1038	96.05%	95.90%	97.81%	96.97%	1040	94.76%	94.47%	96.42%	96.49%

VVTS	SGN	VHF	389	97.02%	100.00%	97.85%	100.00%	428	98.69%	100.00%	99.20%	100.00%
VVTS	SGN1	VHF	1039	98.39%	99.67%	98.71%	99.82%	885	97.58%	99.76%	98.50%	99.85%
VVTS	SGN7	VHF	3228	98.62%	100.00%	99.10%	100.00%	2712	98.67%	99.99%	98.92%	100.00%
VVTS	TGG1	VHF	640	98.20%	100.00%	98.91%	100.00%	700	99.45%	99.99%	99.58%	100.00%
VVTS	USM	VHF	153	98.21%	100.00%	98.39%	100.00%	185	99.51%	100.00%	100.00%	100.00%
VVTS	VCA	VHF	3153	98.43%	99.99%	98.87%	100.00%	5085	98.98%	99.98%	99.31%	99.99%
VVTS	XXA	SAT	2469	97.91%	99.41%	98.62%	99.81%	2507	97.71%	99.68%	98.40%	99.83%
VVTS	XXI	SAT	1434	98.15%	98.92%	98.95%	99.47%	1390	98.13%	98.61%	98.72%	99.17%
VVTS	XXP	SAT	579	98.10%	98.73%	98.73%	99.47%	653	98.20%	99.39%	98.65%	99.50%
VOMF	IG1	SAT	345	97.28%	98.29%	97.72%	98.62%	559	98.22%	98.16%	98.64%	98.84%
VOMF	IGW1	SAT	967	95.35%	95.40%	95.92%	96.17%	902	96.08%	95.73%	97.30%	96.72%
VOMF	IOR8	SAT	161	98.35%	100.00%	98.56%	100.00%	259	98.48%	100.00%	98.62%	100.00%
VOMF	CJB1	VHF	120	98.74%	100.00%	98.90%	100.00%					
VOMF	KDT	VHF	141	97.95%	98.23%	98.23%	98.62%					
VOMF	PNQ1	VHF						123	98.30%	98.37%	98.88%	98.65%
VECF	IGW1	SAT	161	71.84%	71.84%	73.84%	73.84%	246	69.48%	70.41%	73.26%	73.24%
VECF	IOR5	SAT	2643	97.89%	97.89%	98.70%	98.70%					
VECF	CCU1	VHF	202	97.44%	99.23%	97.92%	99.38%					
VECF	APK2	SAT						342	96.85%	98.59%	98.65%	100.00%
VABF	APK2	SAT	1192	95.81%	97.23%	97.83%	98.70%	2542	93.90%	97.29%	96.70%	98.47%
VABF	IG1	SAT	319	92.35%	95.92%	94.44%	98.86%	444	95.72%	97.59%	97.75%	99.23%
VABF	IGW1	SAT	3329	96.49%	98.02%	97.87%	99.32%	5154	96.92%	98.31%	97.98%	99.11%
VABF	IOR5	SAT	11451	98.14%	99.43%	98.90%	99.76%	17742	98.09%	99.23%	98.73%	99.62%
VABF	IOR7	SAT	433	98.04%	100.00%	98.38%	100.00%	425	98.81%	100.00%	99.54%	100.00%
VABF	IOR8	SAT	926	97.81%	100.00%	98.01%	100.00%	1059	98.43%	100.00%	98.68%	100.00%
VABF	XXF	SAT	8920	98.45%	99.25%	98.96%	99.67%					
VABF	XXP	SAT	165	98.90%	97.88%	99.69%	98.79%					
VABF	BOM2	VHF						402	98.14%	98.79%	98.71%	99.17%
RJJJ	IGW1	SAT	764	98.95%	99.21%	99.21%	99.60%	837	98.08%	98.92%	98.80%	99.04%

RJJJ	IG1	SAT	6437	98.36%	98.72%	99.08%	99.28%	8223	98.29%	98.56%	98.96%	99.17%
RJJJ	SDJ1	VHF	126	98.41%	98.41%	98.41%	98.41%	236	99.57%	99.15%	100.00%	100.00%
RJJJ	SDJV	VHF	138	99.27%	97.10%	99.27%	98.55%	416	98.31%	97.11%	98.31%	98.31%
WMFC	H06	HF	284	86.85%	88.38%	91.08%	94.10%	184	85.69%	88.27%	91.96%	92.39%
WMFC	XXA	SAT	149	100.00%	98.28%	100.00%	98.98%	161	100.00%	100.00%	100.00%	100.00%
RPHI	APK1	SAT	4797	97.31%	97.68%	97.53%	97.85%	9594	97.58%	97.54%	97.75%	97.70%
RPHI	APK2	SAT	651	99.51%	99.65%	99.57%	99.70%	1176	98.40%	98.93%	98.50%	99.03%
RPHI	BKI	VHF	101	98.38%	99.33%	98.55%	99.46%	261	99.27%	98.25%	99.32%	98.36%
RPHI	CEB	VHF	279	99.93%	100.00%	100.00%	100.00%	641	99.62%	99.34%	99.85%	99.39%
RPHI	DVO	VHF	481	98.78%	99.67%	98.84%	99.73%	594	99.76%	99.73%	99.83%	99.75%
RPHI	H16	HV						110	87.18%	69.55%	89.82%	76.93%
RPHI	H16	HV	126	84.59%	78.41%	87.30%	85.98%	244	84.43%	78.14%	88.32%	85.34%
RPHI	IG1	SAT	856	96.81%	99.95%	98.36%	100.00%	1755	97.83%	99.87%	98.78%	99.94%
RPHI	IGW1	SAT	313	99.36%	100.00%	99.88%	100.00%	706	96.88%	99.70%	97.65%	99.86%
RPHI	IOR5	SAT	204	98.98%	99.59%	99.52%	99.65%	383	98.18%	99.59%	98.30%	99.78%
RPHI	ISG1	VHF						126	98.77%	99.63%	98.93%	99.77%
RPHI	KHH	VHF	187	97.42%	97.01%	97.47%	97.12%	327	96.38%	96.57%	96.53%	97.04%
RPHI	LAO	VHF	1970	97.23%	96.85%	97.33%	97.13%	2916	96.97%	96.61%	97.40%	96.90%
RPHI	MMY1	VHF						123	100.00%	100.00%	100.00%	100.00%
RPHI	MNL	VHF	766	98.77%	98.98%	98.88%	99.10%	1558	98.77%	98.90%	98.96%	98.98%
RPHI	MNLV	VHF						588	98.99%	98.82%	99.08%	98.98%
RPHI	PPS	VHF	558	97.64%	100.00%	97.97%	100.00%	1179	97.88%	98.60%	98.17%	98.93%
RPHI	SDK	VHF	243	98.79%	98.95%	98.83%	99.02%	372	99.78%	99.65%	99.84%	99.75%
RPHI	SYX	VHF	126	82.32%	82.19%	82.97%	83.72%	351	85.94%	86.68%	86.56%	87.21%
RPHI	XXA	SAT	1683	99.71%	100.00%	99.77%	100.00%	3445	99.61%	99.96%	99.67%	99.97%
RPHI	XXI	SAT	1032	98.87%	100.00%	99.23%	100.00%	2057	99.29%	100.00%	99.54%	100.00%
RPHI	XXP	SAT	521	98.43%	99.14%	98.86%	99.18%	1351	99.60%	100.00%	99.71%	100.00%
RPHI	ZUH	VHF						183	99.34%	100.00%	99.49%	100.00%
WSJC	IG1	SAT	163	98.46%	98.94%	99.39%	99.49%	339	93.14%	94.40%	95.87%	96.51%
VCCF	APK2	SAT	282	98.23%	98.94%	98.23%	98.94%	739	96.89%	99.19%	99.05%	99.32%
VCCF	IGW1	SAT	1530	94.33%	98.23%	97.65%	99.35%	3446	95.11%	96.20%	96.37%	97.94%

WAAF	APK1	VHF	7227	98.98%	99.56%	99.24%	99.67%	8150	98.82%	99.22%	98.99%	99.35%
WAAF	DVO	VHF						114	95.85%	99.61%	96.87%	99.77%
WAAF	PNK1	VHF	103	97.30%	99.36%	98.12%	99.82%	217	100.00%	100.00%	100.00%	100.00%
WAAF	SRG	VHF	921	99.19%	99.40%	99.22%	90.43%	109	98.31%	100.00%	98.36%	100.00%
WAAF	ZAM	VHF	160	97.77%	100.00%	97.86%	100.00%	202	96.28%	99.65%	96.38%	99.70%
PAZA	IG1/IG1	SAT	11069	98.00%	98.18%	98.78%	98.88%	11664	98.27%	98.30%	98.93%	98.92%
PAZA	AME2/AME2	SAT	543	98.71%	98.90%	98.71%	98.90%	600	98.00%	97.33%	98.67%	97.83%

Attachment E: RCP issues (Aircraft operator / type)

Criteria		RCP240											
Period		Jan-Jun2024						Jul-Dec2024					
Colour Key Meets Criteria 99.0%-99.89% Under Criteria	MessageCounts	95%benchmark		99.9%Benchmark		95%	MessageCounts	95%benchmark		99.9%Benchmark		95%	
		ACP	ACTP	ACP	ACTP	PORT		ACP	ACTP	ACP	ACTP	PORT	
		%<=180sec	%<=120sec	%<=210sec	%<=150sec	%<60secs		%<=180sec	%<=120sec	%<=210sec	%<=150sec	%<60secs	
FIR	ByAircraftOperator/Type(onlymessagecounts>100recorded)												
KZAK	SWA/B38M	13426	98.43%	98.06%	99.28%	98.60%	98.06%	10806	98.20%	97.73%	99.16%	98.33%	98.20%
KZAK	ASA/B39M	10496	97.31%	97.68%	98.41%	98.34%	96.33%	13745	97.24%	97.50%	98.33%	98.23%	96.46%
KZAK	UAL/B738	6779	96.80%	97.43%	97.83%	98.97%	94.73%	7841	95.92%	96.88%	97.35%	98.55%	93.19%
KZAK	ASA/B739	5924	98.01%	98.62%	98.80%	99.26%	96.42%	5010	98.14%	98.50%	98.82%	99.24%	96.85%
KZAK	ASA/B738	4363	98.56%	98.46%	99.13%	99.29%	97.13%	3962	97.88%	98.36%	98.59%	99.17%	96.49%
KZAK	FDX/B77L	3840	99.30%	99.14%	99.45%	99.35%	98.15%	4183	98.47%	98.47%	98.76%	98.69%	97.61%
KZAK	MIL/C17	2693	98.14%	99.70%	98.55%	99.85%	94.69%	2536	97.99%	99.53%	98.34%	99.72%	94.79%
KZAK	ACA/B38M	1981	98.74%	98.64%	99.24%	98.94%	98.54%	1397	98.71%	98.93%	99.50%	99.07%	99.07%
KZAK	MIL/K35R	1456	97.46%	99.79%	98.15%	99.93%	90.18%	1676	97.37%	99.76%	98.15%	99.82%	91.29%
KZAK	CKS/B744	1278	97.97%	98.36%	99.06%	98.90%	96.24%	1301	98.23%	98.16%	99.08%	98.85%	97.46%
KZAK	VOZ/B38M	1144	97.20%	98.43%	98.43%	98.69%	95.45%	1195	97.74%	98.58%	98.66%	98.83%	95.65%
KZAK	KAL/A332	723	98.06%	99.31%	98.62%	100.00%	95.71%	227	100.00%	100.00%	100.00%	100.00%	99.12%
KZAK	MIL/B762	664	98.64%	99.85%	98.80%	100.00%	93.37%	496	97.78%	100.00%	98.19%	100.00%	93.75%
KZAK	FJI/A333	541	99.08%	98.89%	99.45%	98.89%	96.67%	522	99.81%	99.62%	100.00%	99.81%	96.93%
KZAK	FJI/B38M	469	98.72%	98.72%	98.93%	98.72%	98.29%	496	99.60%	98.99%	99.60%	99.40%	98.19%
KZAK	TWB/B38M	412	95.87%	97.33%	97.09%	97.57%	95.87%	732	96.58%	98.36%	97.81%	99.04%	95.36%
KZAK	UPS/B763	378	98.94%	98.94%	99.74%	99.21%	98.68%	474	98.31%	98.10%	98.73%	98.31%	97.89%
KZAK	GTI/B763	349	99.14%	100.00%	99.14%	100.00%	94.27%	620	99.52%	99.84%	99.84%	99.84%	96.94%
KZAK	QFA/B744	341	99.71%	99.41%	100.00%	99.71%	97.95%	279	98.21%	99.64%	98.92%	99.64%	97.13%
KZAK	OAE/B763	310	99.03%	99.68%	99.35%	99.68%	94.84%	236	98.73%	99.15%	99.15%	100.00%	97.46%
KZAK	CPA/B748	273	99.27%	97.44%	99.63%	98.17%	98.17%	475	98.32%	98.32%	98.95%	98.95%	95.79%
KZAK	CSS/B744	272	98.53%	99.63%	98.53%	99.63%	95.59%	314	100.00%	100.00%	100.00%	100.00%	98.73%
KZAK	CAL/A21N	238	99.58%	99.16%	99.58%	99.58%	99.16%	662	98.49%	97.89%	98.94%	98.79%	98.79%

KZAK	KAL/A333	227	99.56%	99.56%	99.56%	100.00%	99.56%	222	98.20%	99.10%	98.65%	100.00%	96.40%
KZAK	NCR/B744	222	98.65%	100.00%	98.65%	100.00%	95.95%	234	97.86%	95.73%	98.29%	97.86%	99.15%
KZAK	MIL/GLF5	201	96.52%	99.00%	98.01%	99.00%	91.54%	162	96.91%	100.00%	96.91%	100.00%	91.98%
KZAK	KAL/B773	192	98.44%	98.44%	98.44%	99.48%	95.83%	337	99.41%	99.41%	99.41%	99.70%	97.63%
KZAK	VJT/GL7T	173	97.69%	96.53%	97.69%	97.11%	94.80%	192	98.44%	98.96%	98.44%	98.96%	97.40%
KZAK	UPS/MD11	171	99.42%	98.83%	99.42%	99.42%	99.42%	258	98.84%	98.84%	98.84%	98.84%	98.84%
KZAK	MIL/DC10	136	95.59%	98.53%	97.06%	98.53%	97.06%						
KZAK	MIL/GLF4	133	97.74%	100.00%	98.50%	100.00%	90.98%	114	99.12%	100.00%	100.00%	100.00%	91.23%
KZAK	ASA/B38M	109	93.58%	92.66%	94.50%	95.41%	91.74%	419	95.94%	95.94%	97.61%	97.61%	95.23%
KZAK	LXJ/GLF6	109	100.00%	100.00%	100.00%	100.00%	93.58%						
KZAK	CJT/B763							337	97.92%	98.81%	98.22%	100.00%	95.85%
KZAK	MAA/A332							237	99.58%	100.00%	99.58%	100.00%	94.51%
KZAK	CAO/B744							189	98.94%	97.88%	98.94%	98.41%	99.47%
KZAK	MIL/C30J							184	97.28%	100.00%	97.83%	100.00%	90.76%
KZAK	QQE/GLF6							136	98.53%	97.79%	98.53%	98.53%	96.32%
NFFF	FJI/A332	180	96.67%	97.77%	98.33%	97.77%	89.44%						
NFFF	VOZ/B38M	110	96.36%	99.09%	99.09%	99.09%	88.18%						
NZZO	ANZ/A20N	7227	98.85%	99.46%	99.11%	99.69%	97.56%	7793	98.13%	98.48%	98.75%	98.94%	97.20%
NZZO	FJI/B38M	3101	97.35%	98.74%	97.93%	98.80%	95.67%	3530	96.79%	98.21%	97.53%	98.41%	95.21%
NZZO	TMN/B763	1125	98.84%	99.37%	98.93%	99.55%	97.95%	1213	98.76%	99.34%	98.92%	99.34%	97.93%
NZZO	UAL/B772	1051	98.09%	98.76%	98.66%	99.52%	95.71%	694	98.99%	99.71%	99.13%	99.85%	95.96%
NZZO	FJI/A332	720	97.91%	98.75%	98.47%	99.16%	95.41%	572	97.20%	98.25%	98.07%	99.12%	94.58%
NZZO	CAL/A359	583	99.31%	99.48%	99.48%	99.65%	98.62%	573	98.60%	98.95%	98.60%	99.12%	98.60%
NZZO	FJI/A333	387	98.19%	98.70%	98.96%	99.22%	95.09%	340	97.64%	98.52%	99.11%	99.41%	95.00%
NZZO	SQC/B744	275	100.00%	100.00%	100.00%	100.00%	99.27%	288	96.87%	100.00%	97.56%	100.00%	95.83%
NZZO	PVT/GLEX	206	96.11%	96.60%	96.60%	98.05%	93.68%	111	99.09%	100.00%	99.09%	100.00%	94.59%
NZZO	KIW/C130	182	99.45%	100.00%	99.45%	100.00%	96.15%	162	98.14%	99.38%	98.76%	99.38%	97.53%
NZZO	FDX/B77L	174	98.85%	98.85%	99.42%	99.42%	97.12%	178	98.31%	98.87%	98.31%	98.87%	94.38%
NZZO	GTI/B744	163	98.77%	99.38%	98.77%	100.00%	96.93%	205	99.02%	99.02%	99.51%	100.00%	97.07%
NZZO	DOD/C17	136	93.38%	98.52%	94.11%	99.26%	80.88%	276	97.10%	98.55%	98.18%	98.55%	91.30%

NZZO	PVT/GLF6	136	97.05%	97.79%	97.79%	97.79%	92.64%	181	96.68%	98.89%	97.23%	98.89%	94.47%
NZZO	PVT/GLF5	122	96.72%	99.18%	98.36%	100.00%	90.98%	107	96.26%	98.13%	96.26%	98.13%	89.71%
NZZO	SIA/B77W							289	98.96%	99.30%	98.96%	99.65%	98.96%
NZZO	PVT/CL60							186	98.92%	98.92%	98.92%	98.92%	93.01%
NZZO	PVT/C700							129	84.49%	89.14%	86.82%	90.69%	88.37%
NZZO	VOZ/B38M							129	89.14%	97.67%	91.47%	98.44%	79.84%
NZZO	KIW/C30J							119	98.31%	100.00%	99.15%	100.00%	90.75%
NZZO	CSC/A359							113	96.46%	99.11%	98.23%	99.11%	93.80%
YBBB	CPA/B773	303	99.01%	97.36%	99.01%	97.69%	98.02%	321	100.00%	99.69%	100.00%	99.69%	99.69%
YBBB	FJI/A330	302	98.68%	98.01%	99.34%	99.67%	95.70%	227	96.92%	98.68%	98.24%	98.68%	96.48%
YBBB	FDX/B772	260	99.62%	99.23%	99.62%	99.62%	97.31%	262	98.85%	98.47%	99.62%	98.85%	98.85%
YBBB	ANZ/A20N	230	100.00%	100.00%	100.00%	100.00%	99.13%	306	98.37%	98.04%	98.69%	99.02%	96.41%
YBBB	ACA/B772	159	96.86%	97.48%	97.48%	97.48%	98.74%	128	100.00%	99.22%	100.00%	99.22%	99.22%
YBBB	FJI/B38M	282	96.45%	97.87%	96.45%	98.23%	94.68%	382	96.86%	98.43%	97.64%	99.21%	95.81%
YMMM	SIA/B78X	442	98.87%	99.10%	99.55%	99.77%	98.64%	367	98.09%	98.64%	98.37%	98.64%	97.82%
YMMM	CSN/B787	179	98.32%	98.88%	98.32%	98.88%	98.32%						
VVTS	AAR	1135	98.29%	99.74%	98.68%	100.00%	94.27%	838	98.10%	99.27%	99.50%	99.61%	93.80%
VVTS	ACA	157	98.54%	100.00%	99.55%	100.00%	93.95%	140	97.97%	99.43%	98.13%	99.71%	95.63%
VVTS	AHK	399	98.65%	100.00%	98.86%	100.00%	93.63%	308	98.43%	100.00%	98.62%	100.00%	96.43%
VVTS	AJX	480	99.19%	100.00%	99.27%	100.00%	96.80%	517	98.70%	99.42%	98.52%	99.92%	95.25%
VVTS	ANA	2472	98.55%	99.85%	98.98%	99.95%	95.71%	2619	98.87%	99.83%	99.15%	99.96%	96.33%
VVTS	CAL	2905	97.90%	99.40%	98.66%	99.54%	94.87%	2818	98.10%	99.10%	98.69%	99.44%	95.88%
VVTS	CCA	1894	98.90%	99.92%	98.95%	99.98%	95.93%	2064	98.32%	99.97%	98.69%	99.97%	96.30%
VVTS	CES	2932	98.43%	99.76%	98.84%	99.97%	96.13%	3064	98.52%	100.00%	98.82%	100.00%	96.21%
VVTS	CPA	6709	98.18%	99.96%	98.79%	99.96%	95.47%	7116	98.37%	99.99%	98.88%	99.99%	95.38%
VVTS	CSH	374	98.38%	100.00%	98.65%	100.00%	97.60%	232	98.79%	99.54%	99.20%	100.00%	96.14%
VVTS	CSN	2651	98.62%	100.00%	98.82%	100.00%	96.76%	2638	98.33%	99.96%	98.81%	100.00%	95.11%
VVTS	EVA	3055	99.32%	99.87%	99.67%	99.97%	97.71%	3236	98.54%	99.62%	98.87%	99.83%	96.82%
VVTS	FDX	626	98.22%	98.40%	99.10%	99.70%	94.89%	408	98.62%	98.53%	98.88%	99.65%	96.69%
VVTS	GFA	123	98.58%	99.91%	98.77%	100.00%	97.12%	106	99.36%	100.00%	100.00%	100.00%	97.40%

VVTS	JAL	1522	98.14%	99.93%	98.90%	100.00%	95.20%	1377	97.97%	99.98%	98.68%	100.00%	93.92%
VVTS	JST	328	96.65%	99.96%	96.95%	100.00%	91.77%	370	99.48%	100.00%	99.58%	100.00%	95.70%
VVTS	KAL	3776	97.56%	99.13%	98.39%	99.62%	94.15%	3057	97.87%	99.54%	98.69%	99.73%	94.80%
VVTS	OMA	281	97.79%	98.96%	98.51%	99.67%	96.11%	297	98.41%	99.21%	98.92%	99.72%	97.98%
VVTS	QTR	1048	98.92%	99.45%	99.40%	99.91%	96.34%	1078	98.55%	98.28%	98.81%	99.45%	97.14%
VVTS	RBA	355	98.34%	98.66%	98.59%	98.86%	96.62%	435	96.62%	99.55%	97.41%	99.74%	94.48%
VVTS	SIA	17202	98.26%	99.80%	98.83%	99.91%	95.74%	18031	98.37%	99.79%	98.91%	99.90%	95.67%
VVTS	SJX	1525	98.37%	99.10%	98.76%	99.52%	95.68%	1411	97.43%	98.70%	98.37%	99.15%	94.47%
VVTS	THA	236	97.67%	99.59%	97.94%	99.66%	95.69%	353	98.50%	99.66%	98.87%	100.00%	95.90%
VVTS	TWB	1019	98.53%	99.71%	99.20%	99.72%	96.34%	806	98.33%	99.87%	98.84%	100.00%	95.86%
VVTS	TZP	329	98.10%	99.85%	98.48%	100.00%	96.66%	334	98.94%	100.00%	99.10%	100.00%	96.48%
VVTS	UAE	751	98.44%	99.52%	98.97%	99.83%	94.81%	935	98.42%	99.24%	98.66%	99.76%	93.48%
VVTS	UAL	421	96.91%	99.85%	97.64%	100.00%	92.21%	445	99.34%	99.94%	99.58%	100.00%	95.79%
VVTS	XAX	4847	98.45%	99.78%	98.82%	99.83%	95.92%	4867	98.32%	99.66%	98.96%	99.88%	95.81%
VOMM	AIC/A20N	271	96.78%	98.73%	97.74%	99.38%	90.22%	376	96.54%	98.70%	97.10%	98.78%	94.41%
VOMM	AIC/A359	237	99.28%	100.00%	99.39%	100.00%	91.65%	490	96.63%	99.49%	97.31%	99.54%	92.65%
VOMM	ALK/A20N							199	98.58%	99.59%	98.86%	99.68%	96.48%
VOMM	ALK/A21N	197	99.00%	100.00%	99.10%	100.00%	93.40%						
VOMM	CPA/A333	593	97.72%	98.65%	98.17%	98.91%	93.68%	737	98.38%	98.47%	98.83%	99.08%	94.17%
VOMM	ETD/A332	153	98.60%	99.82%	99.67%	100.00%	94.12%						
VOMM	GFA/A321	121	98.01%	100.00%	98.22%	100.00%	93.60%						
VOMM	GIA/A343	104	96.95%	100.00%	97.16%	100.00%	95.51%	160	98.37%	100.00%	98.71%	100.00%	89.69%
VOMM	LNI/A339	175	98.75%	100.00%	98.95%	100.00%	97.27%						
VOMM	OMA/A332	436	98.86%	100.00%	98.93%	100.00%	92.66%						
VOMM	OMA/A333	162	100.00%	100.00%	100.00%	100.00%	93.98%						
VOMM	QFA/A388	974	98.92%	99.96%	99.17%	100.00%	94.87%						
VOMM	RBA/A20N	160	97.86%	97.15%	98.58%	97.92%	98.85%						
VOMM	SVA/A333	908	99.25%	99.98%	99.68%	100.00%	93.28%	544	98.09%	99.71%	98.30%	99.78%	91.91%
VOMM	SVA/B77W	4343	99.22%	99.64%	99.54%	99.80%	97.26%						
VOMM	TGW/A21N	787	94.71%	94.85%	95.23%	95.92%	95.55%	639	95.72%	95.83%	96.82%	96.77%	95.93%
VOMM	VTI/A20N	375	97.85%	99.80%	98.33%	99.84%	91.73%	371	98.34%	98.94%	98.47%	98.99%	93.53%

VOMM	VTI/A21N	1155	98.47%	99.76%	98.53%	99.82%	96.62%						
VECF	AIC/B788	400	99.06%	99.57%	99.14%	99.64%	98.44%						
VECF	GFA/B789	261	98.48%	98.68%	98.59%	98.91%	97.35%						
VECF	MAS/A333	110	97.94%	98.22%	98.51%	98.74%	98.57%						
VECF	MAS/B738	303	93.95%	93.73%	94.95%	95.39%	93.09%	171	98.67%	99.43%	98.93%	99.64%	98.90%
VECF	MXD/A333	180	93.95%	96.39%	95.77%	99.08%	93.54%						
VECF	PAL/A333	418	98.15%	98.17%	98.70%	98.24%	97.81%						
VECF	QFA/A388	136	98.43%	100.00%	100.00%	100.00%	94.36%	303	92.39%	91.16%	92.85%	92.13%	93.93%
VECF	QTR/B77W	1156	96.99%	97.16%	97.53%	97.32%	97.15%						
VECF	SIA/A359	817	97.10%	97.80%	97.40%	98.19%	97.02%	1046	98.47%	98.69%	98.74%	98.76%	98.14%
VECF	SVA/B77W	206	98.73%	98.96%	98.87%	99.22%	96.42%						
VECF	THA/B772	264	98.54%	98.43%	98.63%	99.29%	98.92%						
VECF	THA/B77W	489	98.66%	98.59%	99.19%	98.91%	99.59%						
VECF	THA/B788	205	98.59%	98.17%	98.89%	98.44%	100.00%						
VECF	THY/A333	329	96.31%	97.70%	97.39%	98.09%	93.92%						
VECF	VTI/A20N	200	96.79%	98.82%	97.66%	99.69%	92.50%						
VECF	VTI/A21N	812	97.49%	99.23%	97.92%	99.54%	96.06%						
VABF	ACA/B789	102	98.14%	95.70%	99.19%	98.04%	98.73%						
VABF	ADY/A320							148	93.75%	98.21%	94.86%	98.33%	83.78%
VABF	AFR/A332	800	98.75%	100.00%	99.63%	100.00%	93.25%						
VABF	AFR/B772							307	97.50%	98.53%	98.45%	99.31%	95.66%
VABF	AIC/A21N							450	97.62%	100.00%	97.79%	100.00%	92.81%
VABF	AIC/A359							123	96.63%	99.53%	97.77%	99.94%	84.55%
VABF	AIZ/A21N	133	86.92%	93.98%	91.26%	98.62%	74.81%						
VABF	ALK/A20N	369	95.87%	98.76%	97.39%	99.38%	90.51%	689	96.34%	99.02%	98.06%	99.17%	91.00%
VABF	ALK/A21N	789	96.61%	99.11%	97.31%	99.41%	90.75%	1068	97.33%	98.83%	98.33%	99.23%	92.42%
VABF	ALK/A320	228	94.20%	97.03%	96.22%	98.79%	89.47%	319	97.18%	99.13%	97.96%	99.38%	94.04%
VABF	ALK/A320												
VABF	ALK/A332	1347	98.22%	99.38%	99.10%	99.87%	94.28%	692	97.69%	98.96%	98.63%	99.74%	93.50%
VABF	AUA/B772	362	98.70%	99.45%	98.89%	99.97%	95.11%						
VABF	BBC/B773	433	97.48%	98.73%	97.73%	99.71%	94.23%	934	98.43%	98.72%	98.78%	99.76%	95.72%

VABF	BBC/B788							440	98.47%	98.32%	98.67%	99.32%	97.82%
VABF	BBC/B789							107	95.48%	98.46%	97.57%	100.00%	93.02%
VABF	BOX/B77L							540	97.93%	98.52%	98.58%	99.74%	96.23%
VABF	CAL/B77L							118	98.52%	99.19%	98.90%	99.68%	95.48%
VABF	CES/A333							198	96.97%	98.20%	99.33%	99.16%	94.44%
VABF	CHH/A332							105	100.00%	100.00%	100.00%	100.00%	92.38%
VABF	CHH/B789	110	97.90%	99.43%	98.31%	99.92%	96.63%						
VABF	CPA/A359	435	97.31%	98.84%	98.07%	99.27%	93.10%						
VABF	CPA/B77W	107	93.74%	95.68%	95.59%	98.60%	90.03%	377	96.02%	97.46%	97.67%	99.09%	93.72%
VABF	CSC/A332							115	96.94%	96.99%	98.35%	97.78%	95.54%
VABF	CTV/A339							733	95.93%	98.43%	97.15%	99.06%	89.63%
VABF	DHK/B77L	120	94.17%	98.47%	97.12%	99.50%	85.21%						
VABF	DLH/A346	204	97.01%	98.91%	97.45%	99.89%	96.11%						
VABF	EDW/A343	367	99.46%	100.00%	99.51%	100.00%	94.71%						
VABF	ETD/A20N	196	96.62%	97.84%	97.13%	99.63%	90.42%	317	97.35%	99.47%	98.09%	100.00%	88.96%
VABF	ETD/A21N							789	93.97%	97.97%	95.06%	98.53%	87.33%
VABF	ETD/A320	3140	97.44%	99.25%	98.22%	99.48%	91.24%	2633	95.71%	98.82%	97.85%	99.42%	88.49%
VABF	ETD/A321	4613	97.31%	99.45%	98.19%	99.71%	90.53%	5720	95.89%	98.74%	97.47%	99.44%	90.02%
VABF	ETD/A332	189	99.24%	99.65%	100.00%	99.88%	92.06%						
VABF	ETD/A333	213	97.10%	100.00%	99.16%	100.00%	89.20%						
VABF	ETD/A388							116	99.67%	100.00%	100.00%	100.00%	93.10%
VABF	ETH/A359							784	98.71%	99.52%	98.88%	99.61%	97.05%
VABF	ETH/B77L							2037	98.48%	98.92%	98.83%	99.67%	96.76%
VABF	ETH/B77W	704	97.93%	98.28%	98.67%	98.84%	96.59%						
VABF	ETH/B789	1195	98.08%	98.69%	98.53%	99.50%	96.07%						
VABF	EXV/A320	133	91.93%	97.77%	94.55%	98.53%	83.46%						
VABF	FDX/B77L	468	95.26%	96.07%	96.67%	97.92%	93.27%	587	97.56%	97.50%	98.94%	98.48%	94.89%
VABF	GEC/B77L	234	96.76%	98.72%	97.55%	99.69%	95.01%						
VABF	GFA/A21N	455	98.24%	99.49%	99.12%	100.00%	91.65%	786	97.94%	98.92%	98.81%	99.64%	95.23%
VABF	GFA/A321	1188	98.57%	99.70%	98.98%	99.89%	90.49%	1111	98.48%	99.81%	98.99%	100.00%	91.45%
VABF	GFA/B789	359	97.83%	99.33%	98.45%	100.00%	96.32%						

VABF	GIA/A333	719	98.42%	99.78%	98.91%	99.86%	93.74%	249	100.00%	100.00%	100.00%	100.00%	94.78%
VABF	GIA/A343	154	93.60%	99.72%	95.45%	100.00%	82.47%	106	96.70%	100.00%	97.76%	100.00%	81.13%
VABF	GIA/B77W	2222	98.06%	98.15%	98.99%	99.46%	96.80%						
VABF	IGO/B77W	219	98.18%	97.83%	98.32%	98.93%	94.29%	396	97.73%	96.97%	98.18%	98.69%	96.46%
VABF	KAC/A20N	1092	97.07%	99.11%	98.24%	99.97%	91.85%	1293	96.44%	97.76%	97.64%	98.70%	92.34%
VABF	KAC/A338	190	98.60%	99.67%	99.17%	99.86%	92.82%	524	97.79%	100.00%	98.63%	100.00%	91.41%
VABF	KAC/B77W	173	96.68%	95.95%	97.40%	99.17%	95.49%						
VABF	LNI/A333	813	99.02%	99.67%	99.19%	99.83%	94.71%						
VABF	MAU/A332							1300	98.86%	99.67%	99.31%	99.98%	94.31%
VABF	MAU/A339							322	98.84%	100.00%	98.99%	100.00%	96.58%
VABF	MSR/A332	154	96.32%	100.00%	97.06%	100.00%	93.18%	105	95.71%	100.00%	97.38%	100.00%	87.84%
VABF	MXD/A333							153	98.36%	99.50%	99.36%	99.90%	93.14%
VABF	OCN/A333	151	96.87%	98.09%	97.37%	99.85%	93.71%	118	98.60%	100.00%	98.91%	100.00%	96.66%
VABF	OMA/A332	165	96.36%	100.00%	98.79%	100.00%	90.30%						
VABF	OMA/B788	240	98.43%	99.86%	98.91%	100.00%	97.08%	339	98.70%	98.74%	98.97%	99.49%	96.17%
VABF	QFA/A388	365	100.00%	100.00%	100.00%	100.00%	94.25%						
VABF	QTR/A332	900	98.01%	99.80%	98.40%	99.84%	90.22%	2009	98.06%	99.50%	98.82%	99.82%	91.29%
VABF	QTR/A333	2025	97.71%	99.58%	98.42%	99.74%	91.56%	2489	98.03%	99.46%	98.58%	99.65%	91.92%
VABF	QTR/A388	1781	98.15%	98.79%	98.56%	99.45%	96.57%						
VABF	QTR/B77L							3572	97.84%	98.32%	98.54%	99.23%	96.08%
VABF	QTR/B77W	9722	97.73%	97.92%	98.64%	98.94%	96.55%	11176	96.69%	97.19%	98.09%	98.35%	95.63%
VABF	SEY/A20N	475	93.89%	97.84%	96.06%	99.45%	88.53%	415	97.61%	98.47%	98.38%	99.06%	91.81%
VABF	SVA/A333	3057	97.17%	99.54%	97.96%	99.80%	88.06%	2969	97.00%	99.81%	97.91%	99.96%	86.09%
VABF	SVA/B77L	365	98.92%	97.88%	99.01%	98.70%	96.54%						
VABF	THY/A332	437	98.77%	100.00%	99.31%	100.00%	93.94%						
VABF	THY/A333	878	97.45%	99.48%	98.34%	99.85%	91.12%	1485	97.64%	99.09%	98.52%	99.39%	92.19%
VABF	THY/B77L							204	98.14%	98.39%	98.33%	100.00%	97.68%
VABF	THY/B77W	938	98.52%	99.17%	98.97%	99.34%	95.95%						
VABF	UGD/A338	179	97.82%	98.93%	98.04%	99.15%	96.65%	286	97.20%	99.41%	98.34%	99.73%	94.17%
VABF	VIR/A35K							127	99.95%	99.94%	100.00%	100.00%	94.14%
VABF	VKG/A339	121	98.82%	97.78%	99.57%	98.63%	96.56%						

VABF	VTI/A20N	785	96.88%	99.30%	97.89%	99.73%	91.85%	745	96.82%	99.28%	97.68%	99.56%	92.75%
VABF	VTI/A21N	1595	97.66%	100.00%	97.93%	100.00%	92.66%	1332	98.02%	99.81%	98.71%	99.87%	92.12%
VABF	XAX/A333							474	98.33%	98.44%	98.97%	98.84%	95.92%
RJJJ	AAL/B772	69	100.00%	98.55%	100.00%	100.00%	100.00%	328	98.78%	98.78%	99.39%	98.78%	99.70%
RJJJ	AJT/B763	143	99.30%	100.00%	99.30%	100.00%	95.10%	244	98.36%	100.00%	98.77%	100.00%	96.31%
RJJJ	CCA/B77W	154	99.35%	99.35%	99.35%	99.35%	100.00%	256	98.05%	98.05%	98.05%	98.05%	99.22%
RJJJ	CKS/B744	742	96.36%	96.23%	97.57%	97.44%	96.50%	971	97.73%	97.01%	98.46%	97.73%	97.84%
RJJJ	CKS/B77L	148	98.65%	97.97%	100.00%	98.65%	100.00%	254	100.00%	100.00%	100.00%	100.00%	99.61%
RJJJ	CPA/A35K	279	99.64%	98.92%	100.00%	98.92%	99.64%	579	100.00%	99.83%	100.00%	99.83%	99.83%
RJJJ	CPA/B744	79	98.73%	97.47%	98.73%	97.47%	98.73%	130	98.46%	99.23%	98.46%	100.00%	97.69%
RJJJ	CPA/B748	728	98.49%	98.76%	99.59%	99.04%	97.80%	1051	98.29%	98.19%	99.43%	98.95%	97.62%
RJJJ	FDX/B77L	1055	99.43%	99.24%	99.72%	99.43%	99.81%	1522	98.82%	98.49%	99.15%	98.75%	99.34%
RJJJ	KAL/B744	80	98.75%	98.75%	100.00%	98.75%	100.00%	110	99.09%	99.09%	99.09%	99.09%	98.18%
RJJJ	MAS/A333	62	98.39%	98.39%	98.39%	98.39%	100.00%	103	100.00%	100.00%	100.00%	100.00%	100.00%
RJJJ	RCH/C17	156	98.72%	99.36%	98.72%	99.36%	96.15%	201	99.00%	98.51%	99.00%	99.50%	95.02%
RJJJ	TWB/B38M	72	97.22%	97.22%	97.22%	97.22%	100.00%	119	93.28%	98.32%	95.80%	98.32%	91.60%
RJJJ	TGW/B789	115	98.26%	98.26%	98.26%	98.26%	100.00%	72	98.61%	100.00%	100.00%	100.00%	98.61%
RJJJ	UAL/B738	1863	98.12%	98.82%	98.87%	99.46%	96.56%	2120	98.68%	98.92%	98.92%	99.53%	97.45%
RJJJ	UPS/B763	83	98.80%	98.80%	98.80%	100.00%	98.80%	121	99.17%	99.17%	99.17%	100.00%	99.17%
RJJJ	VOZ/B38M	146	98.63%	99.32%	98.63%	99.32%	96.58%	168	95.83%	96.43%	97.62%	96.43%	96.43%
WMFC	MAS/B738	106	93.53%	91.85%	95.54%	93.72%	94.62%	134	91.79%	93.12%	94.09%	96.68%	92.66%
WMFC	SIA/A359	1409	97.35%	96.98%	98.14%	98.03%	95.74%	1076	97.00%	97.19%	97.92%	97.92%	95.68%
WMFC	SIA/A388	309	97.28%	97.63%	97.50%	99.23%	96.44%	276	97.49%	97.67%	98.43%	98.76%	94.57%
WMFC	SIA/B38M	150	98.00%	99.47%	98.43%	99.60%	96.67%	163	96.88%	98.21%	98.33%	98.49%	96.52%
WMFC	SIA/B78X	140	99.26%	99.46%	99.42%	99.60%	98.48%	174	97.74%	97.55%	97.91%	98.28%	96.67%
WMFC	THY/A359	103	100.00%	98.52%	100.00%	98.92%	100.00%	104	100.00%	98.70%	100.00%	100.00%	98.96%
RPHI	AAR/A21N	204	97.44%	100.00%	99.10%	100.00%	83.82%	379	99.10%	100.00%	99.60%	100.00%	91.29%
RPHI	AAR/A333							166	94.77%	96.18%	95.25%	96.36%	88.55%
RPHI	AAR/A359	153	99.08%	100.00%	99.35%	100.00%	93.51%	214	99.54%	100.00%	99.56%	100.00%	96.26%
RPHI	AAR/B772	116	100.00%	100.00%	100.00%	100.00%	90.82%	146	100.00%	100.00%	100.00%	100.00%	93.06%
RPHI	ABL/121N	117	97.70%	100.00%	98.24%	100.00%	86.32%	296	100.00%	100.00%	100.00%	100.00%	91.55%

RPHI	AJX/B788							192	97.26%	96.85%	97.47%	97.11%	97.14%
RPHI	ANA/B789	862	98.89%	98.64%	98.98%	98.75%	97.42%	1731	98.74%	98.74%	98.77%	98.84%	97.42%
RPHI	ANA/B78X	137	94.12%	95.46%	94.90%	96.16%	93.47%	214	96.85%	96.14%	96.96%	96.74%	95.00%
RPHI	CAL/A21N	240	100.00%	100.00%	100.00%	100.00%	92.78%	486	98.77%	99.99%	99.47%	100.00%	93.65%
RPHI	CAL/A359	830	94.10%	92.77%	94.54%	93.77%	92.53%	1300	93.24%	91.02%	93.64%	91.74%	91.62%
RPHI	CBJ/A332	136	98.92%	100.00%	99.06%	100.00%	97.43%	435	96.32%	96.12%	97.91%	96.39%	94.02%
RPHI	CEB/A339	371	98.29%	100.00%	98.40%	100.00%	96.30%	769	99.37%	100.00%	99.49%	100.00%	98.26%
RPHI	CES/A332	498	98.48%	99.62%	98.68%	99.82%	95.98%	997	99.90%	99.83%	99.91%	99.84%	98.29%
RPHI	CES/A333							180	99.06%	100.00%	99.21%	100.00%	93.33%
RPHI	CES/A359	323	98.94%	98.04%	99.13%	98.36%	96.24%	568	98.97%	98.10%	99.09%	99.45%	97.32%
RPHI	CPA/A333	267	96.08%	100.00%	96.86%	100.00%	84.64%	312	97.76%	99.95%	99.43%	100.00%	87.18%
RPHI	CPA/A359	471	99.80%	100.00%	99.81%	100.00%	94.75%	687	99.48%	99.97%	99.51%	100.00%	96.22%
RPHI	CPA/B77W	496	97.35%	99.96%	98.59%	100.00%	85.55%	933	98.23%	99.93%	99.39%	99.95%	87.89%
RPHI	CSC/A359							177	96.11%	94.04%	96.47%	95.80%	93.79%
RPHI	CSN/A20N							393	100.00%	100.00%	100.00%	100.00%	94.49%
RPHI	CSN/A21N	253	99.83%	100.00%	99.97%	100.00%	91.70%	843	99.45%	100.00%	99.58%	100.00%	95.20%
RPHI	CSN/A333	145	100.00%	100.00%	100.00%	100.00%	97.16%	743	96.62%	96.14%	96.83%	96.46%	94.62%
RPHI	CSN/B789	1737	95.75%	95.68%	96.06%	96.35%	93.96%	2365	96.14%	94.93%	96.44%	95.60%	94.29%
RPHI	CXA/B789	341	99.39%	99.21%	99.43%	99.32%	98.30%	436	97.48%	96.73%	98.21%	96.64%	96.59%
RPHI	FDX/B77L							132	94.28%	96.49%	94.54%	96.61%	91.76%
RPHI	HVN/B78X							175	97.86%	98.00%	97.92%	98.10%	94.97%
RPHI	KAL/A21N							175	97.65%	100.00%	98.53%	100.00%	90.60%
RPHI	KAL/A333	382	99.24%	99.56%	99.28%	99.59%	94.24%	548	99.64%	100.00%	99.65%	100.00%	96.17%
RPHI	KAL/B772	111	100.00%	100.00%	100.00%	100.00%	95.56%	139	99.62%	100.00%	100.00%	100.00%	91.44%
RPHI	KAL/B773	130	100.00%	100.00%	100.00%	100.00%	93.08%	326	100.00%	100.00%	100.00%	100.00%	95.86%
RPHI	KAL/B77W	404	98.50%	99.34%	99.27%	99.41%	91.96%	841	99.92%	100.00%	99.95%	100.00%	95.90%
RPHI	KAL/B78X							130	97.94%	99.72%	98.02%	99.89%	97.16%
RPHI	MAS/A333	352	98.21%	100.00%	98.47%	100.00%	95.57%	593	99.42%	100.00%	99.69%	100.00%	97.22%
RPHI	PAL/A21N	185	99.01%	99.58%	99.16%	99.67%	92.61%	270	99.64%	100.00%	99.70%	100.00%	95.31%
RPHI	PAL/A321	270	97.83%	99.90%	97.95%	100.00%	94.26%	371	98.63%	100.00%	98.96%	100.00%	96.14%
RPHI	PAL/A333	250	96.89%	99.80%	97.02%	99.92%	92.53%	286	97.06%	99.88%	97.16%	99.97%	91.38%
RPHI	PAL/B77W	447	99.42%	100.00%	99.80%	100.00%	94.00%	861	99.46%	100.00%	99.63%	100.00%	96.17%

RPHI	QFA/A332	164	100.00%	100.00%	100.00%	100.00%	97.56%	397	99.42%	100.00%	99.95%	100.00%	94.58%
RPHI	QFA/A333	287	98.89%	100.00%	98.97%	100.00%	94.08%	677	99.59%	100.00%	99.64%	100.00%	94.68%
RPHI	QTR/B77W							226	93.98%	100.00%	94.80%	100.00%	86.58%
RPHI	SIA/A359	1384	94.67%	95.05%	95.16%	95.58%	92.73%	2721	95.69%	95.14%	95.96%	95.80%	93.38%
RPHI	SIA/B78X	1076	96.68%	95.57%	96.96%	96.33%	95.07%	2031	96.28%	96.12%	96.61%	96.73%	93.75%
RPHI	SJX/A21N	188	98.75%	100.00%	99.29%	100.00%	91.31%	478	98.75%	100.00%	99.07%	100.00%	88.28%
RPHI	TGW/A21N							197	94.92%	100.00%	96.20%	100.00%	82.23%
RPHI	UAE/B77W	173	98.38%	100.00%	99.45%	100.00%	85.45%	375	99.14%	100.00%	99.98%	100.00%	89.60%
RPHI	XAX/A333	419	99.46%	100.00%	99.78%	100.00%	87.95%	514	98.25%	100.00%	98.34%	100.00%	92.22%
WSJC	RMV/B762	308	92.78%	98.38%	94.68%	98.80%	84.74%	438	95.95%	97.49%	97.27%	98.97%	92.09%
VCCF	ALK/A21N	206	97.57%	97.57%	97.57%	98.06%	97.57%	380	97.95%	99.44%	99.14%	99.63%	97.21%
VCCF	MAS/B738	283	98.94%	99.65%	99.04%	100.00%	97.88%	1028	96.47%	98.70%	98.83%	99.47%	96.17%
VCCF	QTR/A359	192	97.40%	99.48%	97.40%	99.48%	97.40%	1163	96.90%	99.91%	99.21%	99.91%	96.30%
VCCF	QTR/A388	208	97.12%	100.00%	98.12%	100.00%	95.67%	645	97.72%	100.00%	99.28%	100.00%	96.64%
WAAF	ANZ/B77W	175	99.47%	100.00%	99.69%	100.00%	93.33%	945	100.00%	100.00%	100.00%	100.00%	99.42%
WAAF	CBJ/A332	274	95.04%	96.63%	95.76%	97.63%	93.50%	474	96.92%	98.64%	97.20%	99.23%	96.27%
WAAF	CCA/A333	118	98.58%	100.00%	98.69%	100.00%	97.63%						
WAAF	CES/B789	816	99.63%	99.90%	99.71%	99.91%	95.10%	791	98.93%	99.68%	99.19%	99.84%	93.93%
WAAF	CPA/A333	499	98.77%	100.00%	99.55%	100.00%	95.79%	329	99.18%	99.82%	99.45%	99.96%	94.93%
WAAF	CPA/B77W	1759	98.64%	99.86%	99.39%	99.94%	92.33%	2375	98.78%	99.86%	99.24%	99.90%	94.40%
WAAF	CSC/A332	331	99.27%	100.00%	99.51%	100.00%	95.80%	228	98.55%	99.63%	98.63%	100.00%	97.99%
WAAF	CSC/A333	340	99.70%	100.00%	100.00%	100.00%	97.69%	316	97.86%	100.00%	97.93%	100.00%	95.38%
WAAF	CSN/A333	335	99.59%	100.00%	99.77%	100.00%	97.01%	1248	98.23%	99.26%	98.53%	99.46%	95.19%
WAAF	CSN/B789	3672	98.97%	99.28%	99.12%	99.43%	98.23%	2774	98.09%	98.02%	98.12%	98.30%	97.50%
WAAF	CXA/B789	931	99.27%	99.17%	99.37%	99.25%	97.49%	617	98.69%	99.17%	98.76%	99.35%	97.59%
WAAF	FDX/B77L	269	99.15%	99.80%	99.64%	99.87%	92.94%	295	98.83%	100.00%	98.98%	100.00%	92.54%
WAAF	PAL/A21N	527	97.43%	98.65%	98.07%	99.21%	94.12%	808	99.16%	99.79%	99.22%	99.82%	94.99%
WAAF	PAL/A332	122	98.55%	99.54%	98.69%	99.67%	96.72%	687	99.16%	99.57%	99.44%	99.60%	96.94%
WAAF	QFA/A333	1771	98.76%	100.00%	98.11%	100.00%	95.60%	1973	99.17%	99.95%	99.37%	99.95%	96.65%
WAAF	SIA/A359	2668	98.72%	98.68%	98.86%	99.03%	97.66%	2601	99.60%	99.57%	99.63%	99.67%	98.65%
WAAF	SJV/A320	107	98.26%	100.00%	98.34%	100.00%	94.94%						
WAAF	UAE/A388	171	99.03%	99.73%	99.08%	99.83%	98.89%	229	98.69%	100.00%	98.72%	100.00%	97.92%

PAZA	ANA/B789	4023	99.43%	99.25%	99.55%	99.38%	99.63%	4449	98.56%	98.83%	98.83%	98.94%	98.88%
PAZA	FDX/B77L	3773	98.67%	98.70%	99.10%	98.97%	97.38%	5298	98.26%	99.17%	98.66%	99.30%	95.55%
PAZA	CKS/B744	3154	97.94%	97.75%	98.57%	98.60%	96.07%	3931	96.51%	98.37%	97.69%	98.98%	94.38%
PAZA	CPA/B748	2571	98.02%	98.33%	99.07%	98.95%	95.76%	3061	94.51%	98.14%	96.21%	98.56%	91.44%
PAZA	DAL/A339	2220	98.47%	99.23%	99.05%	99.50%	95.90%	1774	98.76%	99.66%	99.27%	99.89%	94.59%
PAZA	FIN/A359	1568	98.92%	98.98%	99.23%	99.11%	98.47%	1611	97.58%	99.01%	98.14%	99.01%	95.47%
PAZA	CPA/B77W	1426	98.88%	99.09%	99.37%	99.37%	96.91%	2122	98.30%	98.87%	98.73%	99.48%	94.67%
PAZA	CCA/B77W	854	99.18%	99.18%	99.30%	99.18%	98.48%	987	97.37%	98.99%	97.87%	99.19%	96.25%
PAZA	UPS/B744	796	98.74%	99.37%	98.99%	99.62%	98.12%	1187	98.32%	98.74%	98.48%	99.07%	97.81%
PAZA	NCR/B744	609	99.34%	98.85%	99.84%	100.00%	97.87%	522	98.28%	98.66%	98.85%	99.04%	96.74%
PAZA	AJT/B763	571	96.85%	99.65%	97.02%	99.82%	93.70%	714	96.92%	99.30%	97.34%	99.72%	93.98%
PAZA	DHK/B77L	500	99.80%	99.20%	100.00%	99.80%	97.60%	644	98.91%	99.07%	99.22%	99.22%	94.88%
PAZA	DLH/B748	468	99.15%	98.93%	99.57%	99.15%	99.15%	497	97.99%	98.99%	98.39%	98.99%	98.19%
PAZA	UPS/B763	430	99.53%	99.77%	99.53%	100.00%	98.37%	495	97.98%	98.99%	98.38%	99.60%	97.37%
PAZA	CAO/B77L	415	98.80%	98.31%	99.04%	98.80%	98.31%	409	99.02%	98.53%	99.27%	98.78%	99.27%
PAZA	KLM/B789	393	98.47%	97.71%	98.98%	98.22%	98.73%	401	98.75%	99.00%	99.25%	99.25%	98.25%
PAZA	MIL/C17	380	99.21%	99.74%	99.21%	99.74%	93.42%	359	97.77%	99.16%	98.33%	99.44%	91.92%
PAZA	CES/B77W	358	98.88%	98.88%	98.88%	98.88%	99.44%	533	97.75%	99.06%	97.94%	99.25%	98.50%
PAZA	MAA/A332	270	99.63%	100.00%	99.63%	100.00%	96.67%	451	100.00%	100.00%	100.00%	100.00%	94.24%
PAZA	CPA/B744	249	96.79%	97.59%	97.59%	97.59%	96.39%	315	99.05%	99.37%	99.68%	99.68%	97.46%
PAZA	MIL/K35R	180	96.67%	99.44%	98.89%	99.44%	80.56%	112	98.21%	99.11%	99.11%	99.11%	92.86%
PAZA	CXA/B789	176	98.86%	97.73%	99.43%	97.73%	98.30%	323	98.76%	98.76%	99.07%	98.76%	97.83%
PAZA	ASA/B39M	166	97.59%	99.40%	97.59%	99.40%	92.17%	135	100.00%	99.26%	100.00%	100.00%	88.89%
PAZA	GTI/BLCF	150	98.00%	98.00%	98.00%	98.00%	98.00%	141	99.29%	99.29%	100.00%	100.00%	97.16%
PAZA	LOT/B789	142	99.30%	99.30%	99.30%	99.30%	100.00%	112	98.21%	98.21%	98.21%	99.11%	98.21%
PAZA	GTI/B763	137	99.27%	99.27%	100.00%	100.00%	93.43%	258	96.51%	99.22%	98.06%	99.61%	94.19%
PAZA	VJT/GL7T	110	97.27%	97.27%	97.27%	97.27%	97.27%						
PAZA	OAE/B763	107	99.07%	100.00%	99.07%	100.00%	95.33%	103	98.06%	99.03%	98.06%	100.00%	95.15%
PAZA	AIC/B77L							172	98.84%	100.00%	98.84%	100.00%	98.26%
PAZA	ASA/B738							113	99.12%	100.00%	99.12%	100.00%	94.69%

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