



ICAO

International Civil Aviation Organization

**Twelfth Meeting of the Air Traffic Management Sub-Group
(ATM/SG/12) of APANPIRG**

Bangkok, Thailand, 23 – 27 September 2024

Agenda Item 3: Performance Frameworks and Metrics

APPLICATION OF ATC SEPARATION MINIMUMS

(Presented by Secretariat)

SUMMARY

This paper presents information on the Seamless ATM survey conducted to determine which Air Traffic Control (ATC) separation minimums were being applied within the Asia/Pacific Region.

1. INTRODUCTION

1.1 Since 2017, ICAO Regional Office issued several State Letters to track the effectiveness of the Seamless Air Navigation Services (ANS) element implementation related to the use of tactical (ATC surveillance-based and datalink-supported) ATC separation minimums. This process was subsequently supported by **Conclusion ATM/SG 6-1**: ATC Separations Standards Survey and **Conclusion ATM/SG/10-1**: Revised Reporting Date for ATM Regional Plans' Implementation Status Monitoring and Conclusion ATM/SG/11-2 Revised Annual APAC Regional Survey of ATC Separation Standard.

1.2 The survey requested respondents to advise the minimum horizontal separation minimums authorized for use by controllers within Category R (remote), Category T (terminal operations serviced by direct ATS communications and surveillance) and Category S (surveilled by radar, Automatic Dependent Surveillance-Broadcast [ADS-B] or Multilateration [MLAT]), and the minimum horizontal spacing authorised by Air Traffic Services Letter of Agreement (ATS LOA) or other instruments on each of your Flight Information Region (FIR) inbound transfer of control (TOC) points. Surveying the TOC points' spacing parameter is a step forward in helping to identify the 'bottleneck' FIR Boundary TOC points in the region. In addition, it was asked whether your Administration applied a Flight Level Allocation Scheme within its FIR(s) [no closer than 50NM to the FIR boundary]. The survey is found at the ICAO APAC webpage, APAC eDocuments>>ATM>>Seamless ANS Plan.

1.3 The specific parts from the *Asia/Pacific Seamless ANS Plan version 3.0* being referred to in the survey were:

7.34 All ATC units should authorise the use of the horizontal separation minima stated in ICAO Doc 4444 (PANS ATM), or as close to the separation minima as practicable, taking into account such factors as:

a) the automation of the ATM system, including automated hand-off between sectors;

- b) *the capability of the ATC communications system;*
- c) *the performance of the ATS surveillance system, including data-sharing or overlapping coverage at TOC points; and*
- d) *ensuring the competency of air traffic controllers to apply the full tactical capability of ATS surveillance systems.*

Note 1: the delivery of ATC services should be based primarily on the CNS/ATM capability. When using Annex 10 compliant ATS surveillance, 5NM (enroute) or 3NM (terminal) surveillance-based separations should be authorised within ATC sectors. At the TOC points in such environments, 5-10NM should be authorised with auto hand-off and surveillance data-sharing or overlapping coverage at the TOC point, and 5-20NM without auto hand-off, as determined by an appropriate safety assessment.

Note 2: the efficacy, continuity and availability of ATM services should be supported by adherence with regional planning and guidance material regarding ATM automation and ATM contingency systems (regarding ATM contingency operations, refer to the Regional ATM Contingency Plan).

7.35 *Priority for FLAS level allocations should be given to higher density ATS routes over lower density ATS routes. FLAS should comply with Annex 2, Appendix 3a unless part of an OTS. FLAS other than OTS should only be utilised for safety and efficiency reasons within:*

- a) *Category R airspace with the agreement of all ANSPs that provide services:*
 - *within the airspace concerned; and*
 - *within adjacent airspace which is affected by the FLAS; or*
- b) *Category S airspace with the agreement of all ANSPs that provide services:*
 - *where crossing track conflicts occur within 50NM of the FIRB; and*
 - *ATS surveillance coverage does not overlap the FIRB concerned, or ATS surveillance data is not exchanged between the ATC units concerned.*

2. DISCUSSION

Survey

2.1 The survey questions circulated were expected to provide greater clarity on the separation minimums used in the region. Q1 surveyed Remote, Surveillance and Terminal airspace separations within the airspace of APAC Administrations, Q2 captured the separation minimums for only inbound flights at FIR TOC points and Q3 covered FLAS.

2.2 The latest responses from Asia/Pacific Administrations to the latest survey are provided in **Attachment A** and **Attachment B**. The data in **Attachment A** shows the responses from Q1 & Q3 of the survey, the green text indicates compliance with the *Asia/Pacific Seamless ANS Plan*'s expectations, while red text represents non-compliance. Whereas **Attachment B** shows all reported inbound TOC points from Q2 and its compliance to the Seamless ANS Plan.

2.3 As of 29 August 2024, the responses to the latest survey had decreased from 25 to 16 (compared to last reporting period). **Table 1** presents the list of submission by States from 2018 to 2024. Some States/Administrations did not submit any data since 2017 to date.

Table 1: Responses for ATC separation survey, 2018- 2024

State/Administration	2018	2019	2020	2021	2022	2023	2024
Afghanistan	Yes						
Australia	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bangladesh					Yes		
Bhutan		Yes					
Brunei Darussalam							
Cambodia	Yes	Yes	Yes		Yes	Yes	Yes
China		Yes				Yes	
Cook Islands						Yes	
DPR Korea							
Fiji	Yes	Yes			Yes	Yes	Yes
French Polynesia	Yes	Yes					
Hong Kong, China	Yes	Yes	Yes	Yes	Yes	Yes	Yes
India	Yes	Yes			Yes	Yes	Yes
Indonesia	Yes	Yes	Yes		Yes	Yes	Yes
Japan	Yes	Yes	Yes		Yes	Yes	
Kiribati							
Lao PDR	Yes	Yes					Yes
Macao, China			Yes	Yes	Yes	Yes	
Malaysia		Yes		Yes	Yes		Yes
Maldives		Yes		Yes	Yes		
Marshall Islands							
Micronesia							
Mongolia		Yes			Yes	Yes	Yes
Myanmar		Yes			Yes		
Nauru							
Nepal				Yes	Yes	Yes	
New Caledonia							
New Zealand	Yes	Yes				Yes	Yes
Pakistan	Yes	Yes		Yes	Yes	Yes	Yes
Palau							
Papua New Guinea	Yes	Yes	Yes				
Philippines	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Republic of Korea	Yes	Yes	Yes	Yes	Yes	Yes	
Samoa							
Singapore	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Solomon Islands							
Sri Lanka	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Thailand	Yes	Yes	Yes	Yes	Yes	Yes	
Timor Leste							
Tonga		Yes					
Tuvalu							
USA	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vanuatu							

State/Administration	2018	2019	2020	2021	2022	2023	2024
Viet Nam		Yes	Yes	Yes	Yes	Yes	Yes

Analysis

2.4 The analysis of Q1 of the survey is presented separately for the three categories of airspace namely Category R, Category S and Category T in **Figure 1**, **Figure 2** and **Figure 3** respectively. The figures provided an indication, as at 29 August 2024, of the efficiency of ATC spacing between aircraft at the same level as it is theoretically being applied within FIRs and inbound at FIR TOC Points respectively. The criteria used the analysis of Q1 are as follows:

- Category R - Acceptable standard: ≤ 50 NM
- Category S - Acceptable standard: 5 NM
- Category T - Acceptable standard: 5 NM

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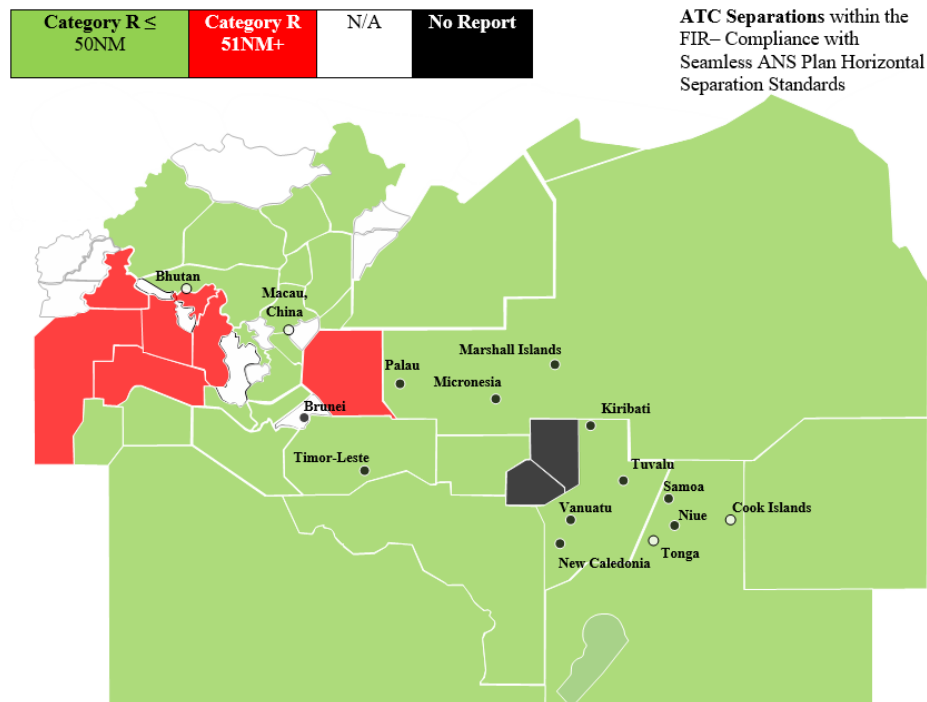


Figure 1: Category R Horizontal Separation Minimums within the FIR

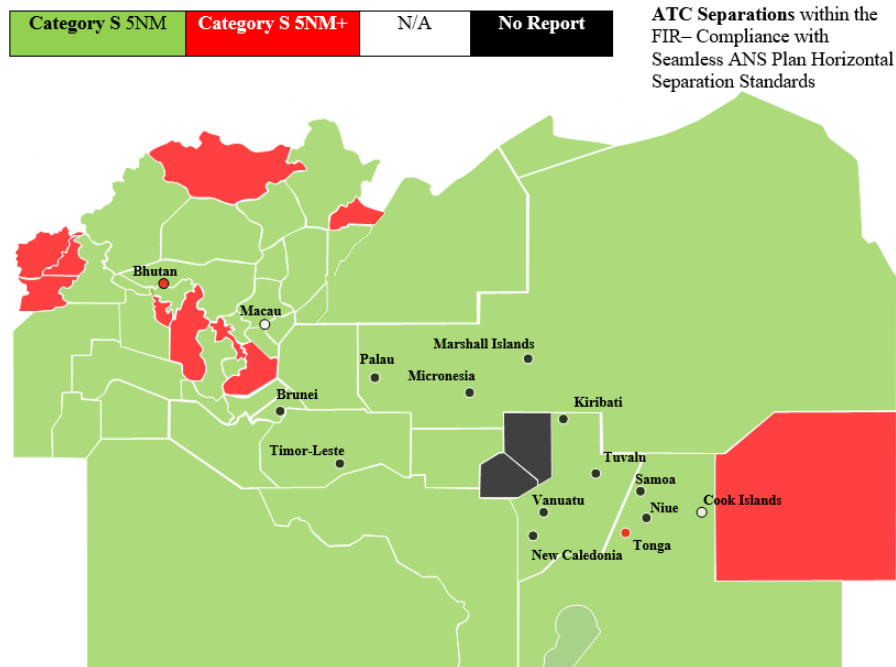


Figure 2: Category S Horizontal Separation Minimums within the FIR

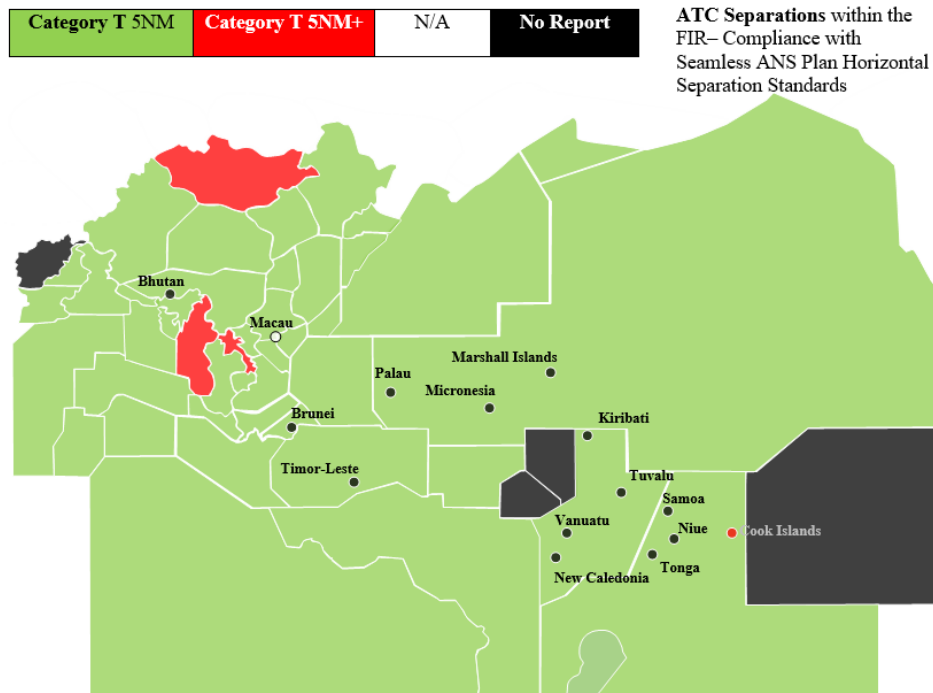


Figure 3: Category T Horizontal Separation Minimums within the FIR

2.5 Q1 requested the minimum horizontal separation standard within State/Administration's FIR namely Category R, Category S and Category T airspace. 27% (12 of 44) of APAC States and Administrations have all categories of airspace within the FIR with minimum separation compliant with the APAC Seamless ANS Plan.

2.6 States that utilised more than 5 NM in Category S airspace:

Afghanistan, Bangladesh, Bhutan, DPR Korea, French Polynesia, Lao PDR, Mongolia, Myanmar, Pakistan, Tonga, and Vietnam.

2.7 States that utilised more than 5 NM in Category T airspace:

Cook Islands, Mongolia and Myanmar.

2.8 Q2 of the survey looked at three categories of separations at Inbound FIR TOC points shown below and the total number of TOC points surveyed this year. After a review in 2023, the criteria for Category R → S TOC has been revised from 10 NM to 50 NM. The analysis of Q2 of the survey is presented separately for the three categories in **Figure 4**, **Figure 5** and **Figure 6** respectively.

Q2 Criteria

- Category R/S → R TOC - Acceptable standard: ≤ 50 NM
- Category R → S TOC - Acceptable standard: ≤ 50 NM
- Category S → S TOC - Acceptable standard: ≤ 10 NM

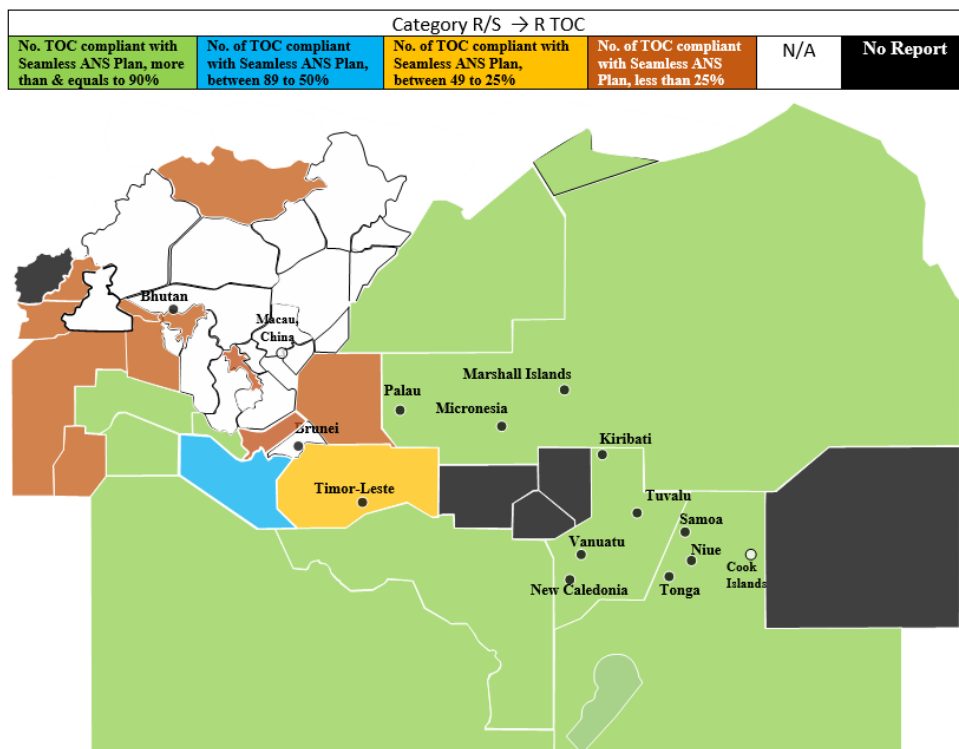


Figure 4: Category R/S → R TOC ATC Horizontal Spacing at Inbound FIR TOC points

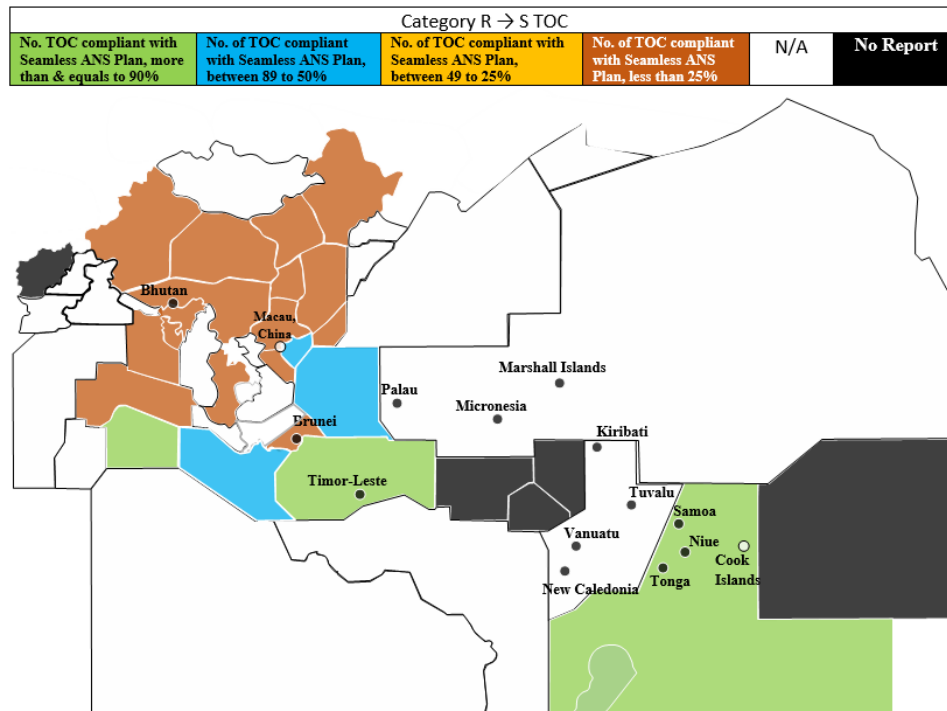


Figure 5: Category R → S TOC ATC Horizontal Spacing at Inbound FIR TOC points

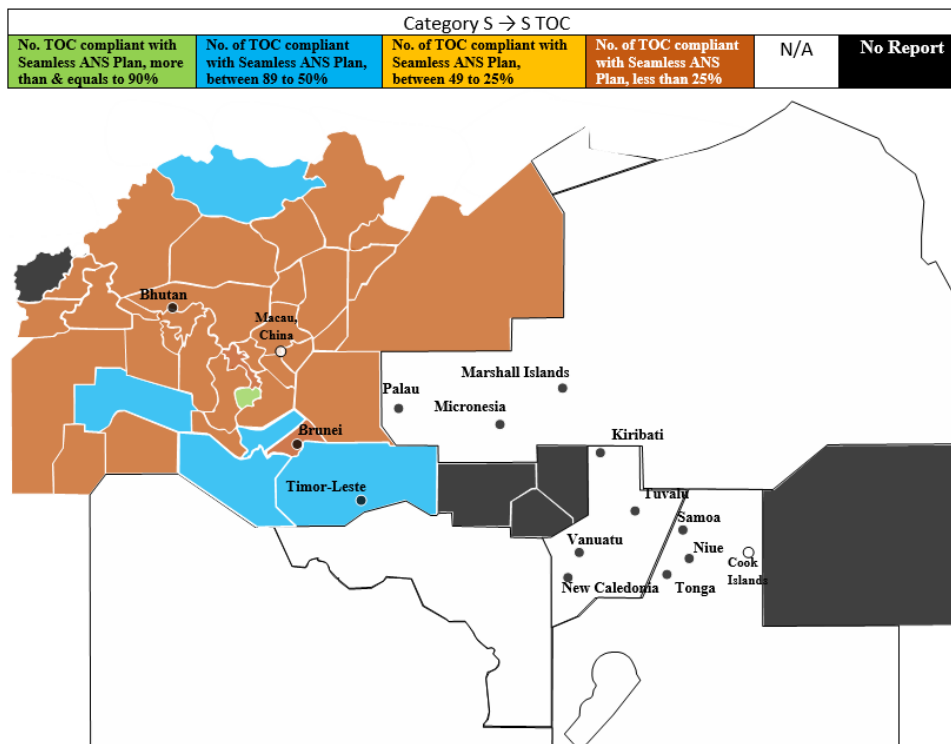


Figure 6: Category S → S TOC ATC Horizontal Spacing at Inbound FIR TOC points

2.9 Only five States/administrations achieved more than or equals to 90% of the total Inbound FIR TOC points compliant with the Seamless ANS plan for all applicable categories.

Australia, Cambodia, Fiji, New Zealand and United States

2.10 Further analysis of the compliance of the three categories of inbound TOC by States is shown in **Figure 7**.

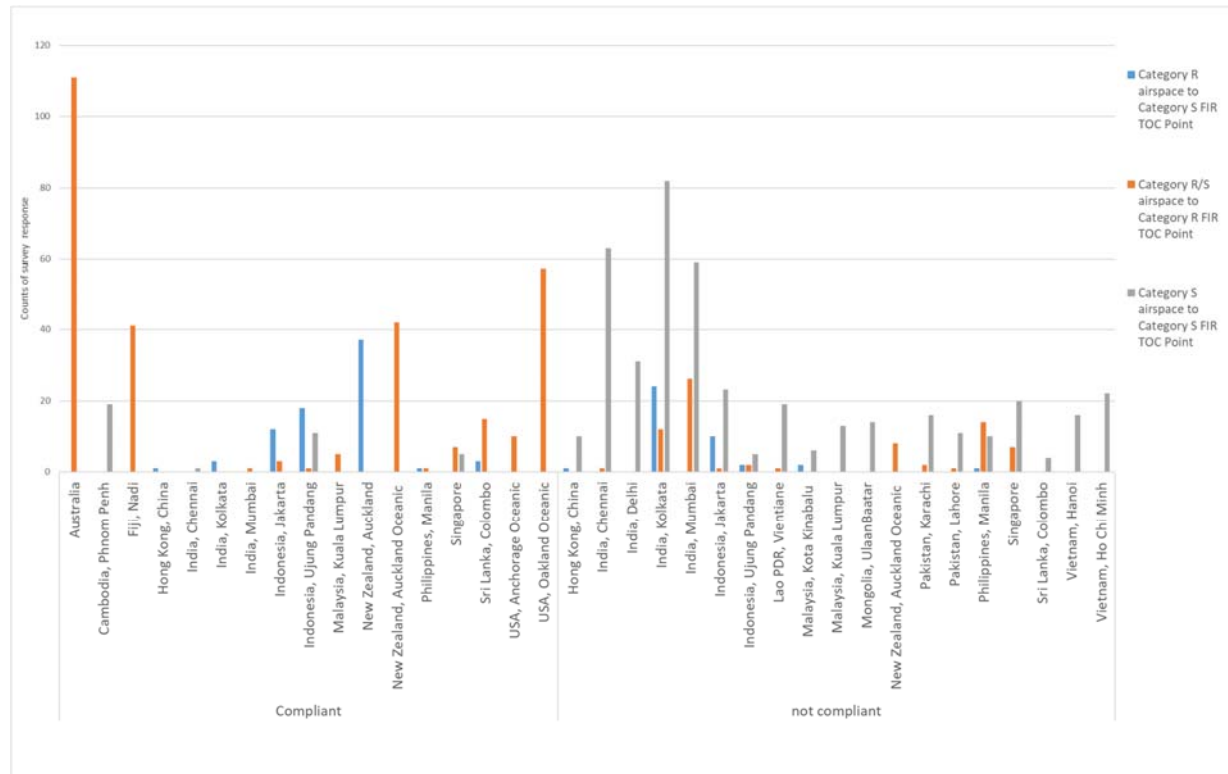


Figure 7: Analysis of Inbound TOC categories by Administration, August 2024

2.11 **Table 2** showed the comparison of Inbound TOC points, the highest non-compliant TOC points, belong to Category S airspace to Category S FIR TOC Points. Even with surveillance coverage, the separation minimum of more than 10 NM are currently implemented at TOC points in the APAC region.

Table 2: Comparison of compliance of inbound TOC points

	Number of Category R airspace to Category S FIR TOC Point	Number of Category R/S airspace to Category R FIR TOC Point	Number of Category S airspace to Category S FIR TOC Point	Total
Compliant	75	294	36	405
Not compliant	40	75	424	539
Total	115	369	460	944

Project 30/10

2.12 During ICAO Fourteenth Air Navigation Conference (AN-CONF/14) held on Montréal, Canada, 26 August to 6 September 2024, ICAO proposed Project 30/10 (AN-Conf/14 – WP/10) as an initiative to focus attention and encourage implementation of longitudinal separations of 55.5 km (30 NM) or less in oceanic and remote airspace, and 19 km (10 NM) or less elsewhere. It is expected to be a regionally based, coordinated effort for seamless reduction of excessive separation minima where this has not already been achieved.

2.13 The efficiency gains available through the implementation of existing, tried and tested separation minima have the potential to bring significant benefits to the aviation community. The relief of artificial bottlenecks can assist with aviation’s global environmental challenges and have a direct impact on fuel savings. The AN CONF/14 committee approved the following recommendation:

Recommendation 3.1/1 – Project 30/10 - Optimized implementation of longitudinal separation minima

That States:

a) within the processes of the planning and implementation regional groups, actively collaborate with neighbouring States to implement Project 30/10 – implementation of longitudinal separations of 55.5 km (30 NM) or less in oceanic and remote airspace, and 19 km (10 NM) or less elsewhere;

that ICAO:

b) through the planning and implementation regional groups, develop regional action plans for the implementation of Project 30/10;

c) support inter-regional collaboration for a harmonized implementation of Project 30/10; and

d) consider other minimum service level procedures, via a framework, for implementation in oceanic and remote airspace.

2.14 When comparing the latest survey results with the Project 30/10, eleven administrations (25%) used the 30 NM and less horizontal separation in the “Category R within State/administration’s FIR” and only four administrations use 30 NM or less in the “Category R/S → R TOC ATC Horizontal Spacing at Inbound FIR TOC points”.

Conclusions

2.15 Air traffic management (ATM) performance improvement was often hampered by the application of different separation minima across flight information region boundaries, or separation minima that are inconsistent with those typically applied across a region or sub-region. The project 30/10 initiative aimed with the objective of enhanced operational efficiency of the global air navigation system.

2.16 Furthermore it was identified that Air Operations is one component of ICAO Long Term Aspiration Goal (LTAG) to reduce carbon emissions, many of the adverse environmental impacts of civil aviation activity can be reduced by the application of comprehensive measures embracing technological improvements, more efficient air traffic management and operational procedures, and the appropriate use of separation minima in coordination with airspace users. Therefore, ICAO urges all APAC States and Administrations to address this key aspect of capacity and efficiency within their National Air Navigation Plans.

2.17 In addition, ICAO APAC Regional Office (and from a global perspective, ICAO HQ) also has a role in educating States about the human performance aspects that act as barriers to implementation of more efficient horizontal separations and aircraft spacing at TOC points, particularly those contained within the Asia/Pacific Seamless ANS Plan, e.g., human performance-based training and procedures for operational staff providing ATS, including the application of tactical, surveillance-based ATC separation and control techniques near minimum ATC separation.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) note the AN CONF/14 Recommendation 3.1/1 Project 30/10 - Optimized implementation of longitudinal separation minima;
- c) urge all Administrations that have not done so to implement separation minimums to improve ATC service levels and update their ATS LOAs to meet the expectations of the Asia/Pacific Seamless ANS Plan; and
- d) discuss any relevant matters as appropriate.

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	Q1: Minimum horizontal separation standard			Q3: FLAS	
	Expected standard: ≤ 50 NM	Expected standard: 5 NM	Expected standard: 5 NM	Expected standard: No	
States/Administration	Category R Horizontal Separation	Category S Horizontal Separation	Category T Horizontal Separation	FLAS	FLAS remarks
Afghanistan	N/A	50 NM	No Report	Yes	
Australia	30 NM	5 NM	3 NM	No	
Bangladesh	N/A	50 NM/10 mins	5NM	Yes	
Bhutan	N/A	50 NM	No Report		
Brunei Darussalam					
Cambodia	N/A	5NM	5NM	Yes	Yes, PNH FIR applies flight level allocation scheme based on Annex 2 Crossing track conflicts occur within 50NM with BKK FIR and HCM FIR Crossing track confliction not occurs within 50NM with VTE FIR ATS surveillance coverage overlaps with PNH, BKK and HCM FIR
China	30NM	5 NM	3 NM	Yes	
Cook Islands	N/A	N/A	10-20 NM	No	
DPR Korea	N/A	17 NM	5NM	Yes	
Fiji	30 NM	5NM	5NM	No	
French Polynesia	30 NM	10-20 NM	No Report	No	
Hong Kong, China	N/A	5 NM	2.5/2.7/3/5 NM	No	While FLAS is applied at the FIR boundary, it does not apply within Hong Kong FIR.
India (Delhi)	50 NM - 10 mins 15 mis crossing tracking	5 NM	3 - 5 NM	No	No FLAS is applicable within DELHI FIR or adjacent INDIAN FIRs.
India (Mumbai)	50 NM - 10 mins 15 mis crossing tracking	5 NM	3 - 5 NM	Yes	The only FLAS applicable is FL330 with SANA'A, MOGADISHU and Seychelles. (FLAS not applicable with MOGADISHU and Seychelles for ADS-C/ CPDLC equipped aircraft.) (FLAS is not applicable for FLT entering Mumbai Oceanic Airspace after time 0530 and exiting Mumbai Oceanic Airspace by time 1330 UTC).
India (Kolkata)	50 NM - 10 mins 15 mis crossing tracking	5 NM	3 - 5 NM	Yes	FLAS is applicable Over Bay of Bengal, on the following routes: N877, P628, L759, P646, L507, L301, N895 and M770. FLAS is applicable Over continental airspace, on the following routes: A791 (CEA VOR to TASOP) and N877 (VVZ- NNP- PRA- TASOP)
India (Chennai)	50 NM - 10 mins 15 mis crossing tracking	5 NM	3 - 5 NM	No	No FLAS is applicable within Chennai FIR or adjacent INDIAN FIRs.
Indonesia (Jakarta)	50NM	5NM	5NM	No	Jakarta FIR did not implemented Flight Level Allocation Scheme , but our adjacent especially in South China Sea area has implemented FLAS/FLOS so we have to implement FLAS/FLOS before entering adjacent boundary considering implementation FLAS/FLOS on its FIR
Indonesia (Ujung Pandang)	50NM	5NM	5NM	No	
Japan	30NM	5NM	3NM	No	
Kiribati					
Lao PDR	30NM	30 NM	10 NM	No	
Macao, China	N/A	N/A	N/A	N/A	
Malaysia (Kota Kinabalu)	N/A	5 NM	5 NM	No	
Malaysia (Kuala Lumpur)	50 NM	5 NM	3 NM	No	
Maldives	50 NM	5 NM	5 NM	No	
Marshall Islands					
Micronesia					
Mongolia	N/A	16 NM	11 NM	Yes	ICAO ANNEX 2, Appendix 3.b. "RVSM-METERS"
Myanmar	80NM	80 - 50NM	20NM	Yes	
Nauru					
Nepal	N/A	5 NM	5 NM	Yes	
New Caledonia					
New Zealand	30 NM	5 NM	3 NM	No	Details/Remarks: There is no flight level allocation scheme within the NZZO and NZCC FIR as we adhere to our table of cruising levels, any IFR aircraft track from 270 to 089 MAG the altitude or flight level must be odd e.g. A110, F130, F150. Any IFR aircraft track from 090 to 269 MAG the altitude or flight level must be even e.g. A120 F160 F180.
Pakistan (Lahore FIR)	N/A	15 NM	5 NM	Yes	Provision of ATFM For BOBCAT (Bay of Bengal Cooperative ATFM System) slot allocation on the following ATS Route for flights transiting through Kabul FIR between time 2000 UTC to 2359 UTC:- a. ATS Route N636 TOC Point SERKA (Karachi FIR) b. ATS Route P628 TOC Point ASLUM (Lahore FIR) c. ATS Route L750 TOC Point BIROS (Lahore FIR) d. ATS Route N644 TOC Point DOBAT (Lahore FIR) e. ATS Route M875 TOC Point SITAX (Lahore FIR) f. ATS Route L509 TOC Point LAJAK (Lahore FIR)

					Provision of ATFM For BOBCAT (Bay of Bengal Cooperative ATFM System) slot allocation on the following ATS Route for flights transiting through Kabul FIR between time 2000 UTC to 2359 UTC:- a. ATS Route N636 TOC Point SERKA (Karachi FIR) b. ATS Route P628 TOC Point ASLUM (Lahore FIR) c. ATS Route L750 TOC Point BIROS (Lahore FIR) d. ATS Route N644 TOC Point DOBAT (Lahore FIR) e. ATS Route M875 TOC Point SITAX (Lahore FIR) f. ATS Route L509 TOC Point LAJAK (Lahore FIR)
Pakistan (Karachi FIR)	N/A	15 NM	5 NM	Yes	
Palau					
Papua New Guinea	30NM	5NM	5NM	No	
Philippines	50, 80NM/10 mins MNT	5 NM	5 NM	Yes	
Republic of Korea	N/A	5NM	3NM	No	
Samoa					
Singapore	30 NM	5 NM	3 NM	Yes	
Solomon Islands (Honiara)					
Sri Lanka (Colombo)	50 NM	5 NM	5 NM	Yes	As per the ICAO table of cruising level allocation
Thailand	N/A	5 NM	3- 5 NM	No	
Timor-Leste					
Tonga	N/A	25 NM	No Report	No	
Tuvalu					
United States (Anchorage Oceanic)	15 - 30 NM	5 NM	N/A	Yes	
United States (Oakland Oceanic)	15 - 30 NM	5 NM	3 NM	Yes	
Vanuatu					
Viet Nam (Ho Chi Minh FIR)	30 NM	10 NM	3 NM	Yes	Details/Remarks: Q1, Q2, W1, W2 G221, M765, N891, L628, G474, R588, R468, M755, M753, M505, N891, M510, R334, N892, N500, L625, L642, M771, M768, L644, B202
Viet Nam (Hanoi FIR)	N/A	5 NM	5 NM	Yes	Details/Remarks: A1; A202; A206; B214; B468; B465; R328; R335; R471; R474; G221; N639; W1; W2; Q1; Q2
States that responded for 2022 survey	48%				
States that responded for 2023 survey	57%				
States that responded for 2024 survey	36%				

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
1	BUGBA	P753	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
2	ELGUIN	M643	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
3	OMKIN	L508 / P766	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
4	TOMAR	M625	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
5	MIDAT	L513	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
6	SULON	N750	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
7	NUMSA	P880	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
8	SASRO	N759 / M636	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
9	LEGAN	L521	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes *ONE WAY RTE TO NZDD - No Standard applied	Australia	Compliant
10	RUNOD	L503	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
11	OLREL	N774	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
12	VEPAS	M639	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
13	SARAP	G595	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
14	RIGMI	A464	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
15	TEKAP	B450	Category R/S airspace to Category R FIR TOC Point	30NM	Auckland Oceanic	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
16	DOVOM	G329	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
17	UBLIN	A579	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
18	RUMIX	B333	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
19	VESUN	B580	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
20	TEBUR	B578	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
21	MEPAB	G591 // R587	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
22	BODEG	B586	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
23	LAMAP	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	CLASS G AIRSPACE BOUNDARY	HONIARA AGGG	No		Australia	Compliant
24	RIPNA	A598	Category R/S airspace to Category R FIR TOC Point	CLASS G AIRSPACE BOUNDARY	HONIARA AGGG	No		Australia	Compliant
25	NODOK	G342	Category R/S airspace to Category R FIR TOC Point	CLASS G AIRSPACE BOUNDARY	HONIARA AGGG	No		Australia	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
26	ENOUS	A597	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
27	NIPER	B598	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
28	AKNAK	R450	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
29	LEGOT	B452	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
30	KAPNO	B590	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
31	BULRO	G223	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
32	UPDIX	A584	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
33	LEPKA	B326	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
34	KASKU	A578	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
35	MARTI	A598	Category R/S airspace to Category R FIR TOC Point	30NM	Oakland Oceanic (KZAK)	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
36	ELNUR	B589	Category R/S airspace to Category R FIR TOC Point	30NM	Oakland Oceanic (KZAK)	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
37	MUBIT	G223	Category R/S airspace to Category R FIR TOC Point	30NM	Oakland Oceanic (KZAK)	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
38	FENSE	A578	Category R/S airspace to Category R FIR TOC Point	30NM	Oakland Oceanic (KZAK)	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = n/a 4. AIDC used = Yes	Australia	Compliant
39	TASAK	B589	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance into the FIR 4. AIDC used = Yes	Australia	Compliant
40	PONOK	B452	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance into the FIR 4. AIDC used = Yes	Australia	Compliant
41	KAKOP	A597	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance into the FIR 4. AIDC used = Yes	Australia	Compliant
42	DUGOM	R450	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	TO HONIARA CLASS A // RTE COMMENCES AT WAYPOINT // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance into the FIR 4. AIDC used = Yes	Australia	Compliant
43	ENDAL	R599	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	TO HONIARA CLASS A // RTE COMMENCES AT WAYPOINT // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance into the FIR 4. AIDC used = Yes	Australia	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
44	NIPOK	B598	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	TO HONIARA CLASS A // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance into the FIR 4. AIDC used = Yes	Australia	Compliant
45	HOBBO	R213	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
46	TICAL	J917	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
47	TEKAN	B586	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
48	WEENA	G205	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
49	DUKUB	B333	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
50	VIPAM	B220	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
51	APISO	B462	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
52	TOSAS	R346	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
53	KAPSO	R210	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
54	APUKA	A216	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
55	GODIP	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
56	POSOX	B598	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
57	LIDIT	B456	Category R/S airspace to Category R FIR TOC Point	30NM	Port Moresby	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = AYPM have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
58	BEGMI	G459	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
59	OPABA	B473	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
60	TOREX	B472	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
61	GUTEV	R340	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
62	BUTPA	A461	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
63	ELBIS	M768	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	Designated RNP route // AT OR ABOVE FL250 // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
64	ELBIS	M678	Category R/S airspace to Category R FIR TOC Point	CLASS G AIRSPACE BOUNDARY	TIMOR LESTE	No	<FL250	Australia	Compliant
65	TODOT	Z10	Category R/S airspace to Category R FIR TOC Point	CLASS G AIRSPACE BOUNDARY	TIMOR LESTE	No		Australia	Compliant
66	METAN	Z69	Category R/S airspace to Category R FIR TOC Point	CLASS G AIRSPACE BOUNDARY	TIMOR LESTE	No		Australia	Compliant
67	ISMUD	Z86	Category R/S airspace to Category R FIR TOC Point	CLASS G AIRSPACE BOUNDARY	TIMOR LESTE	No		Australia	Compliant
68	KIKEM	M774	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	Designated RNP route // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
69	MAKNI	J199	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
70	ALEGO	A458	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
71	SATNA	M766	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	Designated RNP route // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
72	ONOXA	G326	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
73	ATMAP	M635	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	Designated RNP route // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
74	BOPLO	L511	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	Designated RNP route // 1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
75	EGATU	G578	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant
76	PUPIT	R592	Category R/S airspace to Category R FIR TOC Point	30NM	Ujung Pandang	No	1. Auto hand off = Yes 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = UJUNG have surveillance coverage extending into the FIR 4. AIDC used = Yes	Australia	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
77	SAPDA	L896 / L895	Category R/S airspace to Category R FIR TOC Point	30NM	Jakarta WIIF	No	Designated RNP route // 1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO (WIIF SYSTEM DOES NOT ALLOW IT)	Australia	Compliant
78	LAMOB	L764	Category R/S airspace to Category R FIR TOC Point	30NM	Jakarta WIIF	No	ONE WAY FROM JAKARTA // Designated RNP route // 1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO (WIIF SYSTEM DOES NOT ALLOW IT)	Australia	Compliant
79	ATMAL	N646 / N752	Category R/S airspace to Category R FIR TOC Point	30NM	Jakarta WIIF	No	Designated RNP route // 1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO (WIIF SYSTEM DOES NOT ALLOW IT)	Australia	Compliant
80	ISRA	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	30NM	Jakarta WIIF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO (WIIF SYSTEM DOES NOT ALLOW IT)	Australia	Compliant
81	PAVGO	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	30NM	Jakarta WIIF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO (WIIF SYSTEM DOES NOT ALLOW IT)	Australia	Compliant
82	XXM	L897	Category R/S airspace to Category R FIR TOC Point	30NM	Jakarta WIIF	No	Designated RNP route // 1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO (WIIF SYSTEM DOES NOT ALLOW IT)	Australia	Compliant
83	IKEXO	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	30NM	Jakarta WIIF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO (WIIF SYSTEM DOES NOT ALLOW IT)	Australia	Compliant
84	AKUKO	B325	Category R/S airspace to Category R FIR TOC Point	30NM	Jakarta WIIF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO (WIIF SYSTEM DOES NOT ALLOW IT)	Australia	Compliant
85	POSOD	N633	Category R/S airspace to Category R FIR TOC Point	30NM	Jakarta WIIF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO (WIIF SYSTEM DOES NOT ALLOW IT)	Australia	Compliant
86	ELATI	N640	Category R/S airspace to Category R FIR TOC Point	50NM	Colombo VCCF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (TRIAL COMPLETED BUT NOT IMPLEMENTED)	Australia	Compliant
87	DOGAR	M641	Category R/S airspace to Category R FIR TOC Point	50NM	Colombo VCCF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (TRIAL COMPLETED BUT NOT IMPLEMENTED)	Australia	Compliant
88	ALVES	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	Colombo VCCF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (TRIAL COMPLETED BUT NOT IMPLEMENTED)	Australia	Compliant
89	JAVVI	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	Colombo VCCF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (TRIAL COMPLETED BUT NOT IMPLEMENTED)	Australia	Compliant
90	KADAP	P627 / R348	Category R/S airspace to Category R FIR TOC Point	50NM	Colombo VCCF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (TRIAL COMPLETED BUT NOT IMPLEMENTED)	Australia	Compliant
91	VIYYA	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	Colombo VCCF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (TRIAL COMPLETED BUT NOT IMPLEMENTED)	Australia	Compliant
92	APOVU	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	Colombo VCCF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (TRIAL COMPLETED BUT NOT IMPLEMENTED)	Australia	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
93	NALDO	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	Colombo VCCF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (TRIAL COMPLETED BUT NOT IMPLEMENTED)	Australia	Compliant
94	DADAR	L894	Category R/S airspace to Category R FIR TOC Point	50NM	Colombo VCCF	No	1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (TRIAL COMPLETED BUT NOT IMPLEMENTED)	Australia	Compliant
95	SABEK	T41	Category R/S airspace to Category R FIR TOC Point	50NM	MALE VRMF	No	50NM BASED ON LATERALLY SEPARATED TRACKS NOT BEING JUDGED AS IN CONFLICT. LONGITUDINAL SEPARATION IS 10 MIN 1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (MAY USE WITH COLUMBO BUT NOT USED WITH YMMM YET)	Australia	Compliant
96	SOLIH	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	MALE VRMF	No	50NM BASED ON LATERALLY SEPARATED TRACKS NOT BEING JUDGED AS IN CONFLICT. LONGITUDINAL SEPARATION IS 10 MIN 1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (MAY USE WITH COLUMBO BUT NOT USED WITH YMMM YET)	Australia	Compliant
97	REPAN	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	MALE VRMF	No	50NM BASED ON LATERALLY SEPARATED TRACKS NOT BEING JUDGED AS IN CONFLICT. LONGITUDINAL SEPARATION IS 10 MIN 1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (MAY USE WITH COLUMBO BUT NOT USED WITH YMMM YET)	Australia	Compliant
98	VAPSA	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	MALE VRMF	No	50NM BASED ON LATERALLY SEPARATED TRACKS NOT BEING JUDGED AS IN CONFLICT. LONGITUDINAL SEPARATION IS 10 MIN 1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (MAY USE WITH COLUMBO BUT NOT USED WITH YMMM YET)	Australia	Compliant
99	LOVMA	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	MALE VRMF	No	50NM BASED ON LATERALLY SEPARATED TRACKS NOT BEING JUDGED AS IN CONFLICT. LONGITUDINAL SEPARATION IS 10 MIN 1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (MAY USE WITH COLUMBO BUT NOT USED WITH YMMM YET)	Australia	Compliant
100	TEROS	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	MALE VRMF	No	50NM BASED ON LATERALLY SEPARATED TRACKS NOT BEING JUDGED AS IN CONFLICT. LONGITUDINAL SEPARATION IS 10 MIN 1. Auto hand off = NO 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = NO - (MAY USE WITH COLUMBO BUT NOT USED WITH YMMM YET)	Australia	Compliant
101	LATEP	R348	Category R/S airspace to Category R FIR TOC Point	50NM	Mauritius	No	1. Auto hand off = YES 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = YES	Australia	Compliant
102	GUUDUG	R212	Category R/S airspace to Category R FIR TOC Point	50NM	Mauritius	No	1. Auto hand off = YES 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = YES	Australia	Compliant
103	KALBI	UT627	Category R/S airspace to Category R FIR TOC Point	50NM	Mauritius	No	1. Auto hand off = YES 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = YES	Australia	Compliant
104	LELED	L774	Category R/S airspace to Category R FIR TOC Point	50NM	Mauritius	No	1. Auto hand off = YES 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = YES	Australia	Compliant
105	PEDPI	UT632	Category R/S airspace to Category R FIR TOC Point	50NM	Mauritius	No	1. Auto hand off = YES 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = YES	Australia	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
106	KADEM	UT201	Category R/S airspace to Category R FIR TOC Point	50NM	Mauritius	No	1. Auto hand off = YES 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = YES	Australia	Compliant
107	SOLIT	UT595	Category R/S airspace to Category R FIR TOC Point	50NM	Mauritius	No	1. Auto hand off = YES 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = YES	Australia	Compliant
108	MABAD	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	Mauritius	No	1. Auto hand off = YES 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = YES	Australia	Compliant
109	GUGON	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	Mauritius	No	1. Auto hand off = YES 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = YES	Australia	Compliant
110	SUNKI	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	Mauritius	No	1. Auto hand off = YES 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = YES	Australia	Compliant
111	RERAB	NO ATS RTE	Category R/S airspace to Category R FIR TOC Point	50NM	Mauritius	No	1. Auto hand off = YES 2. Surveillance Data Sharing = No 3. Overlapping Coverage at TOC = N/A 4. AIDC used = YES	Australia	Compliant
112	BOKAK	R468	Category S airspace to Category S FIR TOC Point	5NM	Bangkok	Not Provided	RNAV2 operation	Cambodia, Phnom Penh	Compliant
113	BOKAK	Y3	Category S airspace to Category S FIR TOC Point	5NM	Bangkok	Not Provided	RNAV2 operation	Cambodia, Phnom Penh	Compliant
114	OMURO	L880	Category S airspace to Category S FIR TOC Point	5NM	Bangkok	Not Provided	RNAV2 operation	Cambodia, Phnom Penh	Compliant
115	OMURO	G474	Category S airspace to Category S FIR TOC Point	5NM	Bangkok	Not Provided	Conventional route	Cambodia, Phnom Penh	Compliant
116	BIDEM	R345	Category S airspace to Category S FIR TOC Point	5NM	Bangkok	Not Provided	Conventional route	Cambodia, Phnom Penh	Compliant
117	LEKOB	N639	Category S airspace to Category S FIR TOC Point	5NM	Vientiane	Not Provided	RNAV2 operation	Cambodia, Phnom Penh	Compliant
118	LEKOB	B329	Category S airspace to Category S FIR TOC Point	5NM	Vientiane	Not Provided	Conventional route	Cambodia, Phnom Penh	Compliant
119	LAVAN	R575	Category S airspace to Category S FIR TOC Point	5NM	Vientiane	Not Provided	RNAV operation	Cambodia, Phnom Penh	Compliant
120	ANINA	G474	Category S airspace to Category S FIR TOC Point	5NM	Ho Chi Minh	Not Provided	Conventional route	Cambodia, Phnom Penh	Compliant
121	GONLY	R588	Category S airspace to Category S FIR TOC Point	5NM	Ho Chi Minh	Not Provided	Conventional route	Cambodia, Phnom Penh	Compliant
122	MULAD	M505	Category S airspace to Category S FIR TOC Point	5NM	Ho Chi Minh	Not Provided	Conventional route	Cambodia, Phnom Penh	Compliant
123	SAPEN	R468	Category S airspace to Category S FIR TOC Point	5NM	Ho Chi Minh	Not Provided	Conventional route	Cambodia, Phnom Penh	Compliant
124	DADEM	M510	Category S airspace to Category S FIR TOC Point	5NM	Ho Chi Minh	Not Provided	RNAV operation	Cambodia, Phnom Penh	Compliant
125	KISAN	M755	Category S airspace to Category S FIR TOC Point	5NM	Ho Chi Minh	Not Provided	RNAV operation	Cambodia, Phnom Penh	Compliant
126	NUMDI	R334	Category S airspace to Category S FIR TOC Point	5NM	Ho Chi Minh	Not Provided	Conventional route	Cambodia, Phnom Penh	Compliant
127	OSOTA	M753	Category S airspace to Category S FIR TOC Point	5NM	Ho Chi Minh	Not Provided	RNAV operation	Cambodia, Phnom Penh	Compliant
128	SAKDA	R575	Category S airspace to Category S FIR TOC Point	5NM	Bangkok	Not Provided	Conventional route	Cambodia, Phnom Penh	Compliant
129	AGEDO	B204	Category S airspace to Category S FIR TOC Point	5NM	Bangkok	Not Provided	Conventional route	Cambodia, Phnom Penh	Compliant
130	BASIT	R588	Category S airspace to Category S FIR TOC Point	5NM	Bangkok	Not Provided	Conventional route	Cambodia, Phnom Penh	Compliant
131	DOVOM	G329	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
132	UBLIN	A580	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
133	RUMIX	B333	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
134	VESUN	B580/ B601	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
135	TEBUR	B578/ B602	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
136	MEPAB	B474/ R587/ G591	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
137	BODEG	B586	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
138	ENOUS	A597	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
139	NIPER	B598	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
140	AKNAK	R450	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
141	LEGOT	R599/ B452	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
142	KAPNO	B590	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
143	BULRO	G223	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
144	UPDIX	A584	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
145	LEPKA	B326	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
146	KASKU	A578	Category R/S airspace to Category R FIR TOC Point	30	Brisbane	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
147	VAVEE	R332	Category R/S airspace to Category R FIR TOC Point	30	KZAK	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
148	NIXAM	B326	Category R/S airspace to Category R FIR TOC Point	30	KZAK	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
149	ARTOP	B474	Category R/S airspace to Category R FIR TOC Point	30	KZAK	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
150	BOILS	B580	Category R/S airspace to Category R FIR TOC Point	30	KZAK	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
151	CUFFY	A579	Category R/S airspace to Category R FIR TOC Point	30	KZAK	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
152	GOMIK	B581	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
153	KETUS	A584	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
154	OVLAD	B577	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
155	IDNIP	R453	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
156	DOMAX	A580	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
157	BODER	G224	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
158	VIMEK	B599	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
159	ESDOX	G593/ G223	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
160	SOVRA	B450	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
161	TAXIS	B598	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
162	GURDI	B451/ B578	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
163	EGATO	A580	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
164	POREN	A578	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
165	DOLSI	B450/ B451	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
166	TERUX	G224	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
167	SADIM	R599	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
168	LEKAX	A597	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
169	OSVAR	G591	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
170	UBDAK	G329	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
171	LEBOL	B333	Category R/S airspace to Category R FIR TOC Point	30	Auckland Oceanic	Not Provided	Both aircraft to be equipped RNP 4 and ADS-C	Fiji, Nadi	Compliant
172	NOMAN	A461	Category S airspace to Category S FIR TOC Point	30NM	Manila	No	1. RNP4 compliant 2. CPDLC equipped 3. FL290 or above 4. Distance is constant or increasing 5. 50NM/10min applies if all of the conditions above cannot be fulfilled	Hong Kong, China	not compliant
173	SABNO	A583	Category R airspace to Category S FIR TOC Point	50NM	Manila	No	1. RNP10 compliant 2. CPDLC equipped 3. FL290 or above 4. Distance is constant or increasing 5. 10min applies if all of the conditions above cannot be fulfilled	Hong Kong, China	Compliant
174	ASOBA	M772	Category R airspace to Category S FIR TOC Point	10 min	Manila	No	If preceding aircraft is faster, can apply MNT to reduce the longitudinal separation	Hong Kong, China	not compliant
175	ELATO	A1	Category S airspace to Category S FIR TOC Point	20NM	Taipei	Yes	40NM if succeeding aircraft is faster	Hong Kong, China	not compliant
176	KAPLI	G86	Category S airspace to Category S FIR TOC Point	20NM	Taipei	Yes	40NM if succeeding aircraft is faster	Hong Kong, China	not compliant
177	TAMOT	B330	Category S airspace to Category S FIR TOC Point	30NM (joining different routes within HK FIR) 50NM (others)	Guangzhou	Yes		Hong Kong, China	not compliant
178	DOTMI	A470	Category S airspace to Category S FIR TOC Point	30NM (one landing at VHHH or joining different routes within HK FIR) 10 min with MNT (others)	Shanghai / Xiamen / Shantou ATCU	No		Hong Kong, China	not compliant
179	LELIM	M503	Category S airspace to Category S FIR TOC Point	10 min	Shanghai	No		Hong Kong, China	not compliant
180	SIERA	R473	Category S airspace to Category S FIR TOC Point	16NM (one or both aircraft is/are landing at VHHH) 20NM (traffic from Zhuhai Approach) 30NM (joining different routes within HK FIR) 10 min with MNT (others)	Guangzhou / Zhuhai Approach	No		Hong Kong, China	not compliant
181	SIKOU	A202	Category S airspace to Category S FIR TOC Point	20NM	Sanya	Yes	40NM if succeeding aircraft is faster	Hong Kong, China	not compliant
182	IKELA	A1/P901	Category S airspace to Category S FIR TOC Point	20NM	Sanya	Yes	40NM if succeeding aircraft is faster	Hong Kong, China	not compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
183	DOSUT	M771	Category S airspace to Category S FIR TOC Point	50NM	Sanya	Yes	Distance is constant or increasing	Hong Kong, China	not compliant
184	OLKIT	M758	Category R airspace to Category S FIR TOC Point	10 MIN MNT	Singapore	Yes		Malaysia, Kota Kinabalu	not compliant
185	ASISU	M768	Category R airspace to Category S FIR TOC Point	10 MIN MNT	Singapore	Yes		Malaysia, Kota Kinabalu	not compliant
186	VINIK	M522 & M754	Category S airspace to Category S FIR TOC Point	10 MIN MNT	Manila	Yes		Malaysia, Kota Kinabalu	not compliant
187	OSANU	M646	Category S airspace to Category S FIR TOC Point	50 NM	Manila	Yes	Applicable only to aircraft landing at KK FIR and 10 minutes for overflight aircraft	Malaysia, Kota Kinabalu	not compliant
188	VIMAG	A341	Category S airspace to Category S FIR TOC Point	10 MIN MNT	Manila	Yes		Malaysia, Kota Kinabalu	not compliant
189	MAMOK	M768 & M522	Category S airspace to Category S FIR TOC Point	20 NM	Ujung Pandang	Yes		Malaysia, Kota Kinabalu	not compliant
190	AGSON	R223	Category S airspace to Category S FIR TOC Point	20 NM	Ujung Pandang	Yes		Malaysia, Kota Kinabalu	not compliant
191	OKADA	P648	Category S airspace to Category S FIR TOC Point	20 NM	Jakarta WIIF	Yes		Malaysia, Kota Kinabalu	not compliant
192	BUGBA	P753	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
193	ELGUN	M643	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
194	OMKIN	P766	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
195	OMKIN	L508	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
196	TOMAR	M625	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
197	MIDAT	L513	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
198	SULON	N750	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
199	NUMSA	P880	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
200	SASRO	M636	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
201	SASRO	N759	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
202	LEGAN	L521	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
203	RUNOD	L503	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
204	VEPAS	M639	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
205	SARAP	G595	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
206	RIGMI	A464	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
207	TEKEP	A346	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
208	TEKEP	B450	Category R/S airspace to Category R FIR TOC Point	30NM	Brisbane	No	Based on RCP240 and RSP180 approval	New Zealand, Auckland Oceanic	Compliant
209	LEBOL	B333	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
210	UBDAK	G239	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
211	OSVAR	G591	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
212	LEKAX	A597	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
213	SADIM	R599	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
214	TERUX	G224	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
215	DOLSI	B450	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
216	POREN	A578	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
217	EGATO	A580	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
218	GURDI	B578	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
219	TAXIS	B598	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
220	SOVPA	B450	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
221	ESDOX	G593	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
222	VIMEK	B599	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
223	BODER	G224	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
224	DOMAX	A580	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
225	IDNIP	R453	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	not compliant
226	OVLAD	B577	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
227	KETOT	A584	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
228	GOBIN	B581	Category R/S airspace to Category R FIR TOC Point	30NM	Nadi	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
229	DUNEY	G347	Category R/S airspace to Category R FIR TOC Point	30NM	Oakland Oceanic (KZAK)	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	not compliant
230	WOODY	B581	Category R/S airspace to Category R FIR TOC Point	30NM	Oakland Oceanic (KZAK)	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	not compliant
231	ELMS	G457	Category R/S airspace to Category R FIR TOC Point	30NM	Oakland Oceanic (KZAK)	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	not compliant
232	PASSA	B577	Category R/S airspace to Category R FIR TOC Point	30NM	Oakland Oceanic (KZAK)	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
233	RAMIZ	B596	Category R/S airspace to Category R FIR TOC Point	30NM	Oakland Oceanic (KZAK)	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
234	MEGOG	B200	Category R/S airspace to Category R FIR TOC Point	30NM	Tahiti	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
235	MASBU	G224	Category R/S airspace to Category R FIR TOC Point	30NM	Tahiti	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
236	LEMUN	B599	Category R/S airspace to Category R FIR TOC Point	30NM	Tahiti	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	not compliant
237	GUBKA	G223	Category R/S airspace to Category R FIR TOC Point	30NM	Tahiti	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	not compliant
238	DUMUM	B578	Category R/S airspace to Category R FIR TOC Point	30NM	Tahiti	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	not compliant
239	KRILL	G594	Category R/S airspace to Category R FIR TOC Point	30NM	Tahiti	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
240	RAXER	G595	Category R/S airspace to Category R FIR TOC Point	30NM	Tahiti	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	Compliant
241	SOSPI	G599	Category R/S airspace to Category R FIR TOC Point	30NM	Tahiti	No	Based on RNP4 certified aircraft meeting RCP240/RSP180	New Zealand, Auckland Oceanic	not compliant
242	ADKOS	P753	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
243	LIBLA	P880	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
244	KABIN	L508	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
245	VANDA	N750	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
246	KABKA	L503	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
247	GOPLU	M625	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
248	GOPLU	Q679	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
249	TANEN	M636	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
250	TANEN	Q559	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
251	GULUT	M639	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
252	GULUT	Q651	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
253	VELMO	L513	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
254	PEBLU	Q619	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
255	PEBLU	N759	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
256	LUNBI	Y683	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
257	LUNBI	L521	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
258	UPLAR	L326	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
259	UPLAR	Q537	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
260	UPLAR	A464	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
261	SALAG	A346	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
262	ELNOS	G591	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
263	DUGAN	A597	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
264	KALAG	A578	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
265	AGREX	A580	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
266	TARIB	G347	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
267	SELKA	B575	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
268	AGEDU	Q912	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
269	IDSEM	Q947	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
270	DABAS	Q983	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
271	AKLOM	G594	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
272	OLBEX	G599	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
273	IBESO	R327	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
274	GOKAG	Q697	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
275	NOKAK	Q712	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
276	ATABU	Q611	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
277	LALAP	Q854	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
278	HELGE	A338	Category R airspace to Category S FIR TOC Point	5NM	Auckland Oceanic	Not Provided		New Zealand, Auckland	Compliant
279	NOPEK	P574	Category R/S airspace to Category R FIR TOC Point	50NM	Chennai	No		Malaysia, Kuala Lumpur	Compliant
280	ANOKO	B466	Category R/S airspace to Category R FIR TOC Point	50NM	Auckland Oceanic	No		Malaysia, Kuala Lumpur	Compliant
281	IGOGU	N571	Category R/S airspace to Category R FIR TOC Point	50NM	Auckland Oceanic	No		Malaysia, Kuala Lumpur	Compliant
282	SAMAK	L645	Category R/S airspace to Category R FIR TOC Point	50NM	Auckland Oceanic	No		Malaysia, Kuala Lumpur	Compliant
283	EMRAN	L510	Category R/S airspace to Category R FIR TOC Point	50NM	Auckland Oceanic	No	EASTBOUND ONLY	Malaysia, Kuala Lumpur	Compliant
284	DALAN	B579	Category S airspace to Category S FIR TOC Point	30NM	Bangkok	Yes	OPERATIONAL TRIAL FOR 20NM ONGOING	Malaysia, Kuala Lumpur	not compliant
285	TAMOS	A457	Category S airspace to Category S FIR TOC Point	30NM	Bangkok	Yes	OPERATIONAL TRIAL FOR 20NM ONGOING	Malaysia, Kuala Lumpur	not compliant
286	KARMI	M757	Category S airspace to Category S FIR TOC Point	30NM	Bangkok	Yes	OPERATIONAL TRIAL FOR 20NM ONGOING	Malaysia, Kuala Lumpur	not compliant
287	PASVA	Y514	Category S airspace to Category S FIR TOC Point	30NM	Bangkok	Yes	OPERATIONAL TRIAL FOR 20NM ONGOING	Malaysia, Kuala Lumpur	not compliant
288	TAXUL	M763	Category S airspace to Category S FIR TOC Point	20NM	Singapore	Yes	WESTBOUND ONLY	Malaysia, Kuala Lumpur	not compliant
289	VPK	G582	Category S airspace to Category S FIR TOC Point	20NM	Singapore	Yes		Malaysia, Kuala Lumpur	not compliant
290	PADLI	Y343	Category S airspace to Category S FIR TOC Point	20NM	Singapore	Yes	WESTBOUND ONLY	Malaysia, Kuala Lumpur	not compliant
291	90DME PU	B469	Category S airspace to Category S FIR TOC Point	30NM	Singapore	Yes		Malaysia, Kuala Lumpur	not compliant
292	AROSO	Y339	Category S airspace to Category S FIR TOC Point	15NM	Singapore	Yes	WESTBOUND ONLY	Malaysia, Kuala Lumpur	not compliant
293	SABKA	A457	Category S airspace to Category S FIR TOC Point	15NM	Singapore	Yes	WESTBOUND ONLY	Malaysia, Kuala Lumpur	not compliant
294	SALAX	N633	Category S airspace to Category S FIR TOC Point	20NM	Jakarta WIIF	Yes		Malaysia, Kuala Lumpur	not compliant
295	PUGER	R461	Category S airspace to Category S FIR TOC Point	20NM	Jakarta WIIF	Yes		Malaysia, Kuala Lumpur	not compliant
296	GOTLA	G468	Category S airspace to Category S FIR TOC Point	20NM	Jakarta WIIF	Yes		Malaysia, Kuala Lumpur	not compliant
297	GUGAL	M875	Category S airspace to Category S FIR TOC Point	50NM	Delhi	Yes	Based on RNP10 Operation	Pakistan, Lahore	not compliant
298	SULOM	A466/L509 /T400	Category S airspace to Category S FIR TOC Point	50NM	Delhi	Yes	Based on RNP10 Operation on Route L509/T400	Pakistan, Lahore	not compliant
299	RABAN	A456	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	Yes		Pakistan, Lahore	not compliant
300	PURPA	G325/G206	Category R/S airspace to Category R FIR TOC Point	10 Minutes	Urumqi	Yes	From TOC Point PURPA on route G206 80NM and on route G325 30NM category R (Topographic Problem) thereafter Category S in Lahore FIR	Pakistan, Lahore	not compliant
301	MOTMO	P500	Category S airspace to Category S FIR TOC Point	10 Minutes	Kabul	Yes		Pakistan, Lahore	not compliant
302	DUGIN	G206	Category S airspace to Category S FIR TOC Point	10 Minutes	Kabul	Yes	From TOC Point DUGIN on route G206 124NM Category S thereafter Category R (Topographic Problem) in Lahore FIR upto TOC Point PURPA	Pakistan, Lahore	not compliant
303	LAJAK	L509/M881	Category S airspace to Category S FIR TOC Point	7 Minutes or 50NM	Kabul	Yes	Based on RNP10 Operation	Pakistan, Lahore	not compliant
304	SITAX	M875/A466	Category S airspace to Category S FIR TOC Point	50NM	Kabul	Yes	Based on RNP10 Operation on route M875	Pakistan, Lahore	not compliant
305	DOBAT	N644	Category S airspace to Category S FIR TOC Point	7 Minutes or 50NM	Kabul	Yes	Based on RNP10 Operation	Pakistan, Lahore	not compliant
306	BIROS	L750	Category S airspace to Category S FIR TOC Point	7 Minutes or 50NM	Kabul	Yes	Based on RNP10 Operation	Pakistan, Lahore	not compliant
307	RIMPA	G202	Category S airspace to Category S FIR TOC Point	10 minutes	Kabul	Yes		Pakistan, Lahore	not compliant
308	ASLUM	P628	Category S airspace to Category S FIR TOC Point	7 Minutes or 50NM	Kabul	Yes	Based on RNP10 Operation	Pakistan, Lahore	not compliant
309	KABIM	P518	Category S airspace to Category S FIR TOC Point	50NM	Mumbai	Yes	Based on RNP10 Operation	Pakistan, Karachi	not compliant
310	SAPNA	M638/N519	Category S airspace to Category S FIR TOC Point	50NM	Mumbai	Yes	Based on RNP10 Operation	Pakistan, Karachi	not compliant
311	PARTY	G208	Category S airspace to Category S FIR TOC Point	50NM	Mumbai	Yes		Pakistan, Karachi	not compliant
312	TASOP	A325/B210	Category S airspace to Category S FIR TOC Point	50NM	Mumbai	Yes		Pakistan, Karachi	not compliant
313	RAMSA	R462	Category S airspace to Category S FIR TOC Point	50NM	Delhi	Yes		Pakistan, Karachi	not compliant
314	VIKIT	P628	Category S airspace to Category S FIR TOC Point	50NM	Delhi	Yes	Based on RNP10 Operation	Pakistan, Karachi	not compliant
315	MERUN	G202/R471 /G452/L750	Category S airspace to Category S FIR TOC Point	50NM	Delhi	Yes	Based on RNP10 Operation on Route L750	Pakistan, Karachi	not compliant
316	SERKA	N636/B466	Category S airspace to Category S FIR TOC Point	7 Minutes or 50NM	Kabul	Yes	Based on RNP10 Operation on route N636	Pakistan, Karachi	not compliant
317	GADER	A453	Category R/S airspace to Category R FIR TOC Point	10 minutes	Kabul	Yes		Pakistan, Karachi	not compliant
318	PIRAN	A453	Category R/S airspace to Category R FIR TOC Point	10 minutes	Tehran	Yes		Pakistan, Karachi	not compliant
319	DERBO	G452	Category S airspace to Category S FIR TOC Point	50NM	Tehran	Yes	Based on RNP10 Operation	Pakistan, Karachi	not compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
320	KEBUD	L124/G208	Category S airspace to Category S FIR TOC Point	50NM	Tehran	Yes	Based on RNAV5 Operation on route L124	Pakistan, Karachi	not compliant
321	ASVIB	G665	Category S airspace to Category S FIR TOC Point	50NM	Tehran	Yes		Pakistan, Karachi	not compliant
322	EGRON	A791	Category S airspace to Category S FIR TOC Point	50 NM	Tehran	Yes		Pakistan, Karachi	not compliant
323	METBI	R462	Category S airspace to Category S FIR TOC Point	50NM	Tehran	Yes		Pakistan, Karachi	not compliant
324	ALPOR	M504	Category S airspace to Category S FIR TOC Point	5 Minutes or 50NM	Muscat	Yes	Based on RNAV5 Operation on route	Pakistan, Karachi	not compliant
325	APELO	B505	Category S airspace to Category S FIR TOC Point	5 Minutes or 50NM	Muscat	Yes		Pakistan, Karachi	not compliant
326	ALPOR	G216	Category S airspace to Category S FIR TOC Point	5 Minutes	Muscat	Yes		Pakistan, Karachi	not compliant
327	BIKOK	N640/M641	Category S airspace to Category S FIR TOC Point	50NM/30NM * TFC landing at Sri Lanka	India, Chennai	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	not compliant
328	IDIBI	G325	Category S airspace to Category S FIR TOC Point	50NM	India, Chennai	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	not compliant
329	ATETA	M300	Category S airspace to Category S FIR TOC Point	50NM	India, Chennai	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	not compliant
330	SAGOR	A465	Category S airspace to Category S FIR TOC Point	50NM/30NM * TFC landing at Sri Lanka	India, Chennai	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	not compliant
331	DUGOS	P762	Category R airspace to Category S FIR TOC Point	50NM	India, Chennai	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
332	SULTO	L645	Category R/S airspace to Category R FIR TOC Point	50NM	India, Chennai	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
333	SEBLO	G465	Category R airspace to Category S FIR TOC Point	50NM/30NM * TFC landing at Sri Lanka	Male	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	
334	TELIG	M512	Category R airspace to Category S FIR TOC Point	50NM/30NM * TFC landing at Sri Lanka	Male	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
335	PADLA	G454	Category R airspace to Category S FIR TOC Point	50NM/30NM * TFC landing at Sri Lanka	Male	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	
336	MANRU	M513	Category R airspace to Category S FIR TOC Point	50NM/30NM * TFC landing at Sri Lanka	Male	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
337	UBKIN	P756	Category R airspace to Category S FIR TOC Point	50NM	Male	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	
338	TOPIN	M300	Category R/S airspace to Category R FIR TOC Point	50NM	Jakarta WIIF	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
339	NIXUL	P627	Category R/S airspace to Category R FIR TOC Point	50NM	Jakarta WIIF	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
340	NIXUL	P570	Category R/S airspace to Category R FIR TOC Point	50NM	Jakarta WIIF	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
341	NISOK	P756	Category R/S airspace to Category R FIR TOC Point	50NM	Jakarta WIIF	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
342	NISOK	L896	Category R/S airspace to Category R FIR TOC Point	50NM	Jakarta WIIF	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
343	SELSU	M766	Category R/S airspace to Category R FIR TOC Point	50NM	Jakarta WIIF	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
344	KETIV	L897	Category R/S airspace to Category R FIR TOC Point	50NM	Jakarta WIIF	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
345	KETIV	N628	Category R/S airspace to Category R FIR TOC Point	50NM	Jakarta WIIF	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
346	KETIV	L774	Category R/S airspace to Category R FIR TOC Point	50NM	Jakarta WIIF	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
347	ELATI	N640	Category R/S airspace to Category R FIR TOC Point	50NM	Australia	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
348	DOGAR	M641	Category R/S airspace to Category R FIR TOC Point	50NM	Australia	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
349	KADAP	P627	Category R/S airspace to Category R FIR TOC Point	50NM	Australia	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
350	DADAR	N628	Category R/S airspace to Category R FIR TOC Point	50NM	Australia	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
351	DADAR	L894	Category R/S airspace to Category R FIR TOC Point	50NM	Australia	NO	RNP10 aircraft, prior coordination	Sri Lanka, Colombo	Compliant
352	BOMPA	B202	Category S airspace to Category S FIR TOC Point	20NM	Vientiane	Not Provided		Vietnam, Ho Chi Minh	not compliant
353	EXOTO	L642	Category S airspace to Category S FIR TOC Point	50NM	Sanya	Not Provided		Vietnam, Ho Chi Minh	not compliant
354	MIGUG	N892	Category S airspace to Category S FIR TOC Point	30NM	Manila	Not Provided		Vietnam, Ho Chi Minh	not compliant
355	ARESI	L628	Category S airspace to Category S FIR TOC Point	30NM	Manila	Not Provided		Vietnam, Ho Chi Minh	not compliant
356	PANDI	M765,N500	Category S airspace to Category S FIR TOC Point	30NM	Manila	Not Provided		Vietnam, Ho Chi Minh	not compliant
357	AKMON	L625	Category S airspace to Category S FIR TOC Point	30NM	Singapore	Not Provided		Vietnam, Ho Chi Minh	not compliant
358	DUDIS	M771	Category S airspace to Category S FIR TOC Point	30NM	Singapore	Not Provided		Vietnam, Ho Chi Minh	not compliant
359	IPRIX	M753	Category S airspace to Category S FIR TOC Point	30NM	Singapore	Not Provided		Vietnam, Ho Chi Minh	not compliant
360	IGARI	M765	Category S airspace to Category S FIR TOC Point	20NM	Singapore	Not Provided	Delegation of the responsibility for the provision of ATS by Kuala Lumpur ACC	Vietnam, Ho Chi Minh	not compliant
361	DADEM	M510	Category S airspace to Category S FIR TOC Point	20NM	Phnom Penh	Not Provided		Vietnam, Ho Chi Minh	not compliant
362	MULAD	M505	Category S airspace to Category S FIR TOC Point	20NM	Phnom Penh	Not Provided		Vietnam, Ho Chi Minh	not compliant
363	NUMDI	R334	Category S airspace to Category S FIR TOC Point	20NM	Phnom Penh	Not Provided		Vietnam, Ho Chi Minh	not compliant
364	XONAN	N891	Category S airspace to Category S FIR TOC Point	20NM	Phnom Penh	Not Provided		Vietnam, Ho Chi Minh	not compliant
365	OSOTA	M753	Category S airspace to Category S FIR TOC Point	20NM	Phnom Penh	Not Provided		Vietnam, Ho Chi Minh	not compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
366	KISAN	M755	Category S airspace to Category S FIR TOC Point	20NM	Phnom Penh	Not Provided		Vietnam, Ho Chi Minh	not compliant
367	SAPEN	R468	Category S airspace to Category S FIR TOC Point	20NM	Phnom Penh	Not Provided		Vietnam, Ho Chi Minh	not compliant
368	GONLY	R588	Category S airspace to Category S FIR TOC Point	20NM	Phnom Penh	Not Provided		Vietnam, Ho Chi Minh	not compliant
369	ANINA	G474	Category S airspace to Category S FIR TOC Point	20NM	Phnom Penh	Not Provided		Vietnam, Ho Chi Minh	not compliant
370	SADIN	Q1	Category S airspace to Category S FIR TOC Point	20NM	Ho Chi Minh	Not Provided	Delegation of the responsibility for the provision of ATS by HA NOI ACC	Vietnam, Ho Chi Minh	not compliant
371	VILOT	W1	Category S airspace to Category S FIR TOC Point	20NM	Ho Chi Minh	Not Provided	Delegation of the responsibility for the provision of ATS by HA NOI ACC	Vietnam, Ho Chi Minh	not compliant
372	CQ	W2	Category S airspace to Category S FIR TOC Point	20NM	Ho Chi Minh	Not Provided	Delegation of the responsibility for the provision of ATS by HA NOI ACC	Vietnam, Ho Chi Minh	not compliant
373	ASUKU	G221	Category S airspace to Category S FIR TOC Point	20NM	Ho Chi Minh	Not Provided	Delegation of the responsibility for the provision of ATS by HA NOI ACC	Vietnam, Ho Chi Minh	not compliant
374	PAPRA	A1	Category S airspace to Category S FIR TOC Point	20NM	Vientiane	Not Provided		Vietnam, Hanoi	not compliant
375	BUNTA	A1/G221	Category S airspace to Category S FIR TOC Point	20NM	Sanya	Not Provided		Vietnam, Hanoi	not compliant
376	VILAO	A202/N639	Category S airspace to Category S FIR TOC Point	20NM	Vientiane	Not Provided		Vietnam, Hanoi	not compliant
377	ASSAD	A202/A206	Category S airspace to Category S FIR TOC Point	20NM	Sanya	Not Provided		Vietnam, Hanoi	not compliant
378	NALAO	A206	Category S airspace to Category S FIR TOC Point	20NM	Vientiane	Not Provided		Vietnam, Hanoi	not compliant
379	LADON	B214	Category S airspace to Category S FIR TOC Point	20NM	Vientiane	Not Provided		Vietnam, Hanoi	not compliant
380	LAPON	B465	Category S airspace to Category S FIR TOC Point	20NM	Vientiane	Not Provided		Vietnam, Hanoi	not compliant
381	TORED	R328	Category S airspace to Category S FIR TOC Point	20NM	Vientiane	Not Provided		Vietnam, Hanoi	not compliant
382	IDOTA	R335	Category S airspace to Category S FIR TOC Point	20NM	Vientiane	Not Provided		Vietnam, Hanoi	not compliant
383	KATBO	R471	Category S airspace to Category S FIR TOC Point	20NM	Kunming	Not Provided		Vietnam, Hanoi	not compliant
384	LAVOS	R474	Category S airspace to Category S FIR TOC Point	20NM	Vientiane	Not Provided		Vietnam, Hanoi	not compliant
385	TEBAK	R474	Category S airspace to Category S FIR TOC Point	20NM	Nanning	Not Provided		Vietnam, Hanoi	not compliant
386	LATOM	Q2	Category S airspace to Category S FIR TOC Point	20NM	Ho Chi Minh	Not Provided		Vietnam, Hanoi	not compliant
387	CQ	W2	Category S airspace to Category S FIR TOC Point	20NM	Ho Chi Minh	Not Provided		Vietnam, Hanoi	not compliant
388	VILOT	W1	Category S airspace to Category S FIR TOC Point	20NM	Ho Chi Minh	Not Provided		Vietnam, Hanoi	not compliant
389	ASUKU	G221	Category S airspace to Category S FIR TOC Point	20NM	Ho Chi Minh	Not Provided		Vietnam, Hanoi	not compliant
390	VANKA	B456	Category S airspace to Category S FIR TOC Point	50NM	Port Moresby	Yes		Indonesia, Ujung Pandang	not compliant
391	KADAB	B462	Category S airspace to Category S FIR TOC Point	50NM	Port Moresby	Yes		Indonesia, Ujung Pandang	not compliant
392	OSERO	A215	Category S airspace to Category S FIR TOC Point	50NM	Port Moresby	Yes		Indonesia, Ujung Pandang	not compliant
393	BEGMI	G459	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
394	OPABA	B473/B588	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
395	TOREX	B472	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
396	GUTEV	R340	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
397	BUTPA	A461	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
398	ELBIS	M768/A339	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
399	KIKEM	A464/M774	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
400	MAGNI	J199	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
401	ALEGO	A458	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
402	SATNA	M766	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
403	ONOX	A587/G426	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
404	ATMAP	A576/M635	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
405	EGATU	G578	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
406	BOPLO	T20/B349	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
407	PUPIT	R592	Category R airspace to Category S FIR TOC Point	30NM	Brisbane	Yes		Indonesia, Ujung Pandang	Compliant
408	PROGO	T1	Category S airspace to Category S FIR TOC Point	10NM	Jakarta WIIF	Yes		Indonesia, Ujung Pandang	Compliant
409	ANY	W45/T3	Category S airspace to Category S FIR TOC Point	10NM	Jakarta WIIF	Yes		Indonesia, Ujung Pandang	Compliant
410	BOMAN	T5	Category S airspace to Category S FIR TOC Point	10NM	Jakarta WIIF	Yes		Indonesia, Ujung Pandang	Compliant
411	MADIN	W16/M766	Category S airspace to Category S FIR TOC Point	10NM	Jakarta WIIF	Yes		Indonesia, Ujung Pandang	Compliant
412	RUPKA	L511	Category S airspace to Category S FIR TOC Point	10NM	Jakarta WIIF	Yes		Indonesia, Ujung Pandang	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
413	SPIKO	W18	Category S airspace to Category S FIR TOC Point	10NM	Jakarta WIIF	Yes		Indonesia, Ujung Pandang	Compliant
414	TAVIP	W15/M635	Category S airspace to Category S FIR TOC Point	10NM	Jakarta WIIF	Yes		Indonesia, Ujung Pandang	Compliant
415	TANUR	M774	Category S airspace to Category S FIR TOC Point	10NM	Jakarta WIIF	Yes		Indonesia, Ujung Pandang	Compliant
416	SUGIK	G464	Category S airspace to Category S FIR TOC Point	10NM	Jakarta WIIF	Yes		Indonesia, Ujung Pandang	Compliant
417	ENPIN	W35	Category S airspace to Category S FIR TOC Point	10NM	Jakarta WIIF	Yes		Indonesia, Ujung Pandang	Compliant
418	OSRUD	W36/L504	Category S airspace to Category S FIR TOC Point	10NM	Jakarta WIIF	Yes		Indonesia, Ujung Pandang	Compliant
419	AGSON	R223	Category S airspace to Category S FIR TOC Point	10 Minutes (MNT)	Kinabalu	No		Indonesia, Ujung Pandang	not compliant
420	MAMOK	M522/M768	Category S airspace to Category S FIR TOC Point	10 Minutes (MNT)	Kinabalu	No		Indonesia, Ujung Pandang	not compliant
421	GORAI	G578	Category R airspace to Category S FIR TOC Point	50 NM	Manila	Yes		Indonesia, Ujung Pandang	Compliant
422	NITIP	A461	Category R airspace to Category S FIR TOC Point	50 NM	Manila	Yes		Indonesia, Ujung Pandang	Compliant
423	PEDNO	R342/R590	Category R airspace to Category S FIR TOC Point	10 Minutes (MNT)	Manila	Yes		Indonesia, Ujung Pandang	not compliant
424	SELSE	B472	Category R airspace to Category S FIR TOC Point	50 NM	Manila	Yes		Indonesia, Ujung Pandang	Compliant
425	ELNIT	B473	Category R airspace to Category S FIR TOC Point	10 Minutes (MNT)	Manila	Yes		Indonesia, Ujung Pandang	not compliant
426	BOLUG	A339	Category R/S airspace to Category R FIR TOC Point	10 Minutes (MNT)	Manila	Yes		Indonesia, Ujung Pandang	not compliant
427	BIDOR	B462	Category R/S airspace to Category R FIR TOC Point	10 Minutes (MNT)	Manila	Yes		Indonesia, Ujung Pandang	not compliant
428	CAHYO	A450	Category R/S airspace to Category R FIR TOC Point	50 NM	Oakland Sec.5	Yes		Indonesia, Ujung Pandang	Compliant
429	MEMAK	N563	Category R airspace to Category S FIR TOC Point	50 NM	Chennai	NO	Based on RNP10 operations	Indonesia, Jakarta	Compliant
430	TOPIN	M300	Category S airspace to Category S FIR TOC Point	50 NM	Colombo VCCF	NO	Based on RNAV 10 operations	Indonesia, Jakarta	not compliant
431	NIXUL	P627,P570	Category S airspace to Category S FIR TOC Point	50 NM	Colombo VCCF	NO	Based on RNAV 10 operations	Indonesia, Jakarta	not compliant
432	NISOK	P756,L896	Category R airspace to Category S FIR TOC Point	50 NM	Colombo VCCF	NO	Based on RNAV 10 operations	Indonesia, Jakarta	Compliant
433	SELSU	M766	Category R airspace to Category S FIR TOC Point	50 NM	Colombo VCCF	NO	Based on RNAV 10 operations	Indonesia, Jakarta	Compliant
434	KETIV	L744,N628,L897	Category R airspace to Category S FIR TOC Point	50 NM	Colombo VCCF	NO	Based on RNAV 10 operations	Indonesia, Jakarta	Compliant
435	POSOD	N663	Category R airspace to Category S FIR TOC Point	10 Minute MNT	Melbourne	NO		Indonesia, Jakarta	not compliant
436	AKUKO	B325	Category R airspace to Category S FIR TOC Point	10 Minute MNT	Melbourne	NO		Indonesia, Jakarta	not compliant
437	XXM	L897,G337,G209,R206	Category R airspace to Category S FIR TOC Point	50 NM	Melbourne	NO	Based on RNP10 operations	Indonesia, Jakarta	Compliant
438	ATMAL	N646,N752	Category R airspace to Category S FIR TOC Point	50 NM	Melbourne	NO	Based on RNP10 operations	Indonesia, Jakarta	Compliant
439	LAMOB	B469,L764	Category R airspace to Category S FIR TOC Point	50 NM	Melbourne	NO	Based on RNP10 operations	Indonesia, Jakarta	Compliant
440	SAPDA	L896,A585,L895	Category R airspace to Category S FIR TOC Point	50 NM	Melbourne	NO	Based on RNP10 operations	Indonesia, Jakarta	Compliant
441	MADIN	M766,W16,W13	Category S airspace to Category S FIR TOC Point	10 NM	Ujung Pandang	NO		Indonesia, Jakarta	not compliant
442	KALUT	T6	Category S airspace to Category S FIR TOC Point	10 NM	Ujung Pandang	NO		Indonesia, Jakarta	not compliant
443	SPIKO	W18	Category S airspace to Category S FIR TOC Point	10 NM	Ujung Pandang	NO		Indonesia, Jakarta	not compliant
444	TAVIP	W15,M635	Category S airspace to Category S FIR TOC Point	10 NM	Ujung Pandang	NO		Indonesia, Jakarta	not compliant
445	TANUR	M766	Category S airspace to Category S FIR TOC Point	10 NM	Ujung Pandang	NO		Indonesia, Jakarta	not compliant
446	SUGIK	G464	Category S airspace to Category S FIR TOC Point	10 NM	Ujung Pandang	NO		Indonesia, Jakarta	not compliant
447	NOMAD	W35	Category S airspace to Category S FIR TOC Point	10 NM	Ujung Pandang	NO		Indonesia, Jakarta	not compliant
448	OSRUT	L504	Category S airspace to Category S FIR TOC Point	10 NM	Ujung Pandang	NO		Indonesia, Jakarta	not compliant
449	ARUPA	N875	Category R airspace to Category S FIR TOC Point	10 Minute MNT	Singapore	NO		Indonesia, Jakarta	not compliant
450	BAVUS	L504	Category R airspace to Category S FIR TOC Point	10 Minute MNT	Singapore	NO		Indonesia, Jakarta	not compliant
451	KADAR	M744	Category R airspace to Category S FIR TOC Point	50 NM	Singapore	NO	Based on RNP10 operations	Indonesia, Jakarta	Compliant
452	KIKOR	L644	Category R airspace to Category S FIR TOC Point	10 Minute MNT	Singapore	NO		Indonesia, Jakarta	not compliant
453	SURGA	M635	Category R airspace to Category S FIR TOC Point	50 NM	Singapore	NO	Based on RNP10 operations	Indonesia, Jakarta	Compliant
454	KIRDA	W26	Category S airspace to Category S FIR TOC Point	20 NM	Singapore	NO		Indonesia, Jakarta	not compliant
455	ANITO	B470	Category S airspace to Category S FIR TOC Point	20 NM	Singapore	NO		Indonesia, Jakarta	not compliant
456	NE	W24,B469	Category S airspace to Category S FIR TOC Point	20 NM	Singapore	NO		Indonesia, Jakarta	not compliant
457	TUSNU	W22	Category S airspace to Category S FIR TOC Point	20 NM	Singapore	NO		Indonesia, Jakarta	not compliant
458	TAROS	R469	Category S airspace to Category S FIR TOC Point	20 NM	Singapore	NO		Indonesia, Jakarta	not compliant
459	MIBEL	L762	Category S airspace to Category S FIR TOC Point	50 NM	Singapore	NO	Based on RNP10 operations	Indonesia, Jakarta	not compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
460	GUTUP	L625	Category R/S airspace to Category R FIR TOC Point	50 NM	Singapore	NO	Based on RNP10 operations	Indonesia, Jakarta	Compliant
461	RILRI	N884	Category R/S airspace to Category R FIR TOC Point	50 NM	Singapore	NO	Based on RNP10 operations	Indonesia, Jakarta	Compliant
462	GULGU	M758	Category R/S airspace to Category R FIR TOC Point	10 Minute MNT	Singapore	NO		Indonesia, Jakarta	not compliant
463	UKLIS	M767	Category R/S airspace to Category R FIR TOC Point	50 NM	Singapore	NO	Based on RNP10 operations	Indonesia, Jakarta	Compliant
464	ELGOR	N875	Category S airspace to Category S FIR TOC Point	20 NM	Singapore	NO		Indonesia, Jakarta	not compliant
465	LIGVU	L644	Category S airspace to Category S FIR TOC Point	20 NM	Singapore	NO		Indonesia, Jakarta	not compliant
466	AGOBA	M761	Category S airspace to Category S FIR TOC Point	20 NM	Kuching	NO		Indonesia, Jakarta	not compliant
467	ATETI	G580	Category S airspace to Category S FIR TOC Point	20 NM	Kuching	NO		Indonesia, Jakarta	not compliant
468	OKADA	P468	Category R airspace to Category S FIR TOC Point	10 Minute MNT	Kota Kinabalu	NO		Indonesia, Jakarta	not compliant
469	ANIPU	M772	Category R airspace to Category S FIR TOC Point	80 NM	Kota Kinabalu	NO	Based on RNAV 10 operations	Indonesia, Jakarta	not compliant
470	PAPSA	R455	Category S airspace to Category S FIR TOC Point	10 Minute MNT	Kota Kinabalu	NO		Indonesia, Jakarta	not compliant
471	SALAX	N633,M300,N563	Category S airspace to Category S FIR TOC Point	20 NM	Kuala Lumpur	NO		Indonesia, Jakarta	not compliant
472	PUGER	R461	Category S airspace to Category S FIR TOC Point	20 NM	Kuala Lumpur	NO		Indonesia, Jakarta	not compliant
473	GOTLA	G468	Category R airspace to Category S FIR TOC Point	20 NM	Kuala Lumpur	NO		Indonesia, Jakarta	Compliant
474	TASEK	B466	Category R airspace to Category S FIR TOC Point	10 Minute MNT	Kuala Lumpur	NO		Indonesia, Jakarta	not compliant
475	TOSOK	B466	Category R airspace to Category S FIR TOC Point	10 Minute MNT	Kuala Lumpur	NO		Indonesia, Jakarta	not compliant
476	ANSAX	P574,L762	Category R airspace to Category S FIR TOC Point	50 NM	Kuala Lumpur	NO	Based on RNP10 operations	Indonesia, Jakarta	Compliant
477	POVUS	P627	Category R airspace to Category S FIR TOC Point	10 Minute MNT	Kuala Lumpur	NO		Indonesia, Jakarta	not compliant
478	ARAMA	A464	Category S airspace to Category S FIR TOC Point	10NM	Kuala Lumpur	No		Singapore	Compliant
479	DUDIS	L644	Category S airspace to Category S FIR TOC Point	10 minutes Mach Number Technique	Ho Chi Minh	No	Route transit multiple FIRs. Singapore able to reduce longitudinal separation at TOC point.	Singapore	not compliant
480	ESPOB	L642	Category S airspace to Category S FIR TOC Point	20NM	Ho Chi Minh	No		Singapore	not compliant
481	IGARI	N891	Category S airspace to Category S FIR TOC Point	10 minutes Mach Number Technique	Ho Chi Minh	No	Singapore able to reduce longitudinal separation at TOC point.	Singapore	not compliant
482	IPRIX	M753	Category S airspace to Category S FIR TOC Point	20NM	Ho Chi Minh	No		Singapore	not compliant
483	KADAR	M774	Category S airspace to Category S FIR TOC Point	50NM based on RNP10 operations	Jakarta WIIF	No	Singapore able to reduce longitudinal separation at TOC point.	Singapore	not compliant
484	MELAS	N892	Category S airspace to Category S FIR TOC Point	20NM	Ho Chi Minh	No		Singapore	not compliant
485	MIBEL	L762	Category S airspace to Category S FIR TOC Point	20NM	Jakarta WIIF	No		Singapore	not compliant
486	PARDI	G579	Category S airspace to Category S FIR TOC Point	20NM	Jakarta WIIF	No		Singapore	not compliant
487	TUSNU	W22	Category S airspace to Category S FIR TOC Point	20NM	Jakarta WIIF	No		Singapore	not compliant
488	REKOP	A576	Category S airspace to Category S FIR TOC Point	10NM	Kuala Lumpur	No		Singapore	not compliant
489	SUKRI	M630	Category S airspace to Category S FIR TOC Point	10NM	Kuala Lumpur	No		Singapore	not compliant
490	SURGA	M635	Category S airspace to Category S FIR TOC Point	50NM based on RNP10 operations	Jakarta WIIF	No	Singapore able to reduce longitudinal separation at TOC point.	Singapore	not compliant
491	TAROS	R469	Category S airspace to Category S FIR TOC Point	20NM	Jakarta WIIF	No		Singapore	not compliant
492	TIDAR	M904	Category S airspace to Category S FIR TOC Point	10 minutes Mach Number Technique	Bangkok	No	Singapore able to reduce longitudinal separation at TOC point.	Singapore	not compliant
493	VPK	L629	Category S airspace to Category S FIR TOC Point	20NM	Kuala Lumpur	No		Singapore	not compliant
494	VPK	M758	Category S airspace to Category S FIR TOC Point	20NM	Kuala Lumpur	No		Singapore	not compliant
495	VPK	M761	Category S airspace to Category S FIR TOC Point	20NM	Kuala Lumpur	No		Singapore	not compliant
496	NUFFA	Y514	Category S airspace to Category S FIR TOC Point	40NM	Kuala Lumpur	No	Singapore able to reduce longitudinal separation at TOC point.	Singapore	not compliant
497	108E Longitude (SABIP)	M761	Category S airspace to Category S FIR TOC Point	10 minutes Mach Number Technique	Kota Kinabalu	No		Singapore	not compliant
498	108E Longitude (NIMIX)	G580	Category S airspace to Category S FIR TOC Point	10 minutes Mach Number Technique	Kota Kinabalu	No		Singapore	not compliant
499	AKMON	M768	Category R/S airspace to Category R FIR TOC Point	50NM based on RNP10 operations	Ho Chi Minh	No		Singapore	Compliant
500	ARUPA	N875	Category R/S airspace to Category R FIR TOC Point	10 minutes Mach Number Technique	Jakarta WIIF	No		Singapore	not compliant
501	ASISU	M768	Category R/S airspace to Category R FIR TOC Point	50NM based on RNP10 operations	Kota Kinabalu	No		Singapore	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
502	ASISU	M772	Category R/S airspace to Category R FIR TOC Point	10 minutes Mach Number Technique	Kota Kinabalu	No		Singapore	not compliant
503	BAVUS	L504	Category R/S airspace to Category R FIR TOC Point	10 minutes Mach Number Technique	Jakarta WIIF	No		Singapore	not compliant
504	DAKIX	L649	Category R/S airspace to Category R FIR TOC Point	10 minutes Mach Number Technique	Kota Kinabalu	No		Singapore	not compliant
505	GULIB	L517	Category R/S airspace to Category R FIR TOC Point	10 minutes Mach Number Technique	Kota Kinabalu	No		Singapore	not compliant
506	KAMIN	M646	Category R/S airspace to Category R FIR TOC Point	10 minutes Mach Number Technique	Kota Kinabalu	No		Singapore	not compliant
507	OLKIT	M758	Category R/S airspace to Category R FIR TOC Point	10 minutes Mach Number Technique	Kota Kinabalu	No		Singapore	not compliant
508	TEGID	M767	Category R/S airspace to Category R FIR TOC Point	30NM based on RNP4 operations	Manila	No	Implemented: 21 Apr 2022.	Singapore	Compliant
509	SUMLA	M754	Category R/S airspace to Category R FIR TOC Point	N/A	Kota Kinabalu	N/A No	Portion of M754 within Singapore FIR delegated to Kota Kinabalu ACC for provision of ATS.	Singapore	Compliant
510	VINIK	M754	Category R/S airspace to Category R FIR TOC Point	N/A	Manila	N/A	Portion of M754 within Singapore FIR delegated to Kota Kinabalu ACC for provision of ATS.	Singapore	Compliant
511	NODIN	M522	Category R/S airspace to Category R FIR TOC Point	N/A	Kota Kinabalu	N/A No	Portion of M522 within Singapore FIR delegated to Kota Kinabalu ACC for provision of ATS.	Singapore	Compliant
512	VINIK	M522	Category R/S airspace to Category R FIR TOC Point	N/A	Manila	N/A	Portion of M522 within Singapore FIR delegated to Kota Kinabalu ACC for provision of ATS.	Singapore	Compliant
513	IGARI	M765	Category S airspace to Category S FIR TOC Point	N/A	Ho Chi Minh	N/A No	Portion of M765 within the Singapore FIR delegated to Kuala Lumpur ACC for provision of ATS.	Singapore	Compliant
514	VENLI	M765	Category S airspace to Category S FIR TOC Point	N/A	Kuala Lumpur	N/A	Portion of M765 within the Singapore FIR delegated to Kuala Lumpur ACC for provision of ATS.	Singapore	Compliant
515	IGARI	R208	Category S airspace to Category S FIR TOC Point	N/A	Ho Chi Minh	N/A No	Portion of R208 within the Singapore FIR released to Kuala Lumpur ACC daily subject to coordination between Singapore ACC and Lumpur ACC.	Singapore	Compliant
516	IKUKO	R208	Category S airspace to Category S FIR TOC Point	N/A	Kuala Lumpur	N/A No	Portion of R208 within the Singapore FIR released to Kuala Lumpur ACC daily subject to coordination between Singapore ACC and Lumpur ACC.	Singapore	Compliant
517	NOPIUS	Y478/Y721/Y787	Category S airspace to Category S FIR TOC Point	10 MINUTES	NOVOSIBIRSK	No		Mongolia, UlaanBaatar	not compliant
518	NIGOR	Y962/Y683	Category S airspace to Category S FIR TOC Point	10 MINUTES	KRASNOYARSK	No		Mongolia, UlaanBaatar	not compliant
519	DARNO	Y746/A575	Category S airspace to Category S FIR TOC Point	16NM/30KM	KRASNOYARSK	No		Mongolia, UlaanBaatar	not compliant
520	GINOM	Y655/Y684	Category S airspace to Category S FIR TOC Point	16NM/30KM	KRASNOYARSK	No		Mongolia, UlaanBaatar	not compliant
521	BAMUK	A937	Category S airspace to Category S FIR TOC Point	16NM/30KM	IRKUTSK	No		Mongolia, UlaanBaatar	not compliant
522	LETBI	B480	Category S airspace to Category S FIR TOC Point	16NM/30KM	IRKUTSK	No		Mongolia, UlaanBaatar	not compliant
523	SERNA	Y345/Y520	Category S airspace to Category S FIR TOC Point	16NM/30KM	IRKUTSK	No		Mongolia, UlaanBaatar	not compliant
524	SULOK	Y327	Category S airspace to Category S FIR TOC Point	16NM/30KM	IRKUTSK	No		Mongolia, UlaanBaatar	not compliant
525	SARUL	Y165/G338	Category S airspace to Category S FIR TOC Point	16NM/30KM	HARBIN	No		Mongolia, UlaanBaatar	not compliant
526	POLHO	Y345/Y520/Y327	Category S airspace to Category S FIR TOC Point	16NM/30KM	BEIJING/HOH HOT	No	HOH HOT: 7800 meters or below	Mongolia, UlaanBaatar	not compliant
527	INTIK	Y651/Y655/Y618	Category S airspace to Category S FIR TOC Point	16NM/30KM	BEIJING/HOH HOT	No	HOH HOT: 7800 meters or below	Mongolia, UlaanBaatar	not compliant
528	NIXAL	Y765/Y721/Y683/Y746/Z156	Category S airspace to Category S FIR TOC Point	16NM/30KM	BEIJING/HOH HOT	No	HOH HOT: 7800 meters or below	Mongolia, UlaanBaatar	not compliant
529	MORIT	Y748/Y962/B480/A573	Category S airspace to Category S FIR TOC Point	16NM/30KM	LANZHOU	No		Mongolia, UlaanBaatar	not compliant
530	TEBUS	G588/G401	Category S airspace to Category S FIR TOC Point	10 MINUTES	Urumqi	No		Mongolia, UlaanBaatar	not compliant
531	BASUR	P570	Category S airspace to Category S FIR TOC Point	30NM*	Colombo VCCF	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
532	ATETA	M300	Category S airspace to Category S FIR TOC Point	50NM*	Colombo VCCF	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
533	IDIBI	G325	Category S airspace to Category S FIR TOC Point	10 MINUTES	Colombo VCCF	NO		India, Chennai	Compliant
534	SAGOR	A465	Category S airspace to Category S FIR TOC Point	30NM*	Colombo VCCF	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
535	DEMON	R461	Category S airspace to Category S FIR TOC Point	30NM*	Colombo VCCF	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
536	DUGOS	P762	Category S airspace to Category S FIR TOC Point	50NM*	Colombo VCCF	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
537	SULTO	L645	Category S airspace to Category S FIR TOC Point	50NM*	Colombo VCCF	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
538	DUGOS	L896, N564	Category S airspace to Category S FIR TOC Point	10 MINUTES	Colombo VCCF	NO		India, Chennai	not compliant
539	MEMAK	N563	Category S airspace to Category S FIR TOC Point	50NM*	Jakarta WIIF	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
540	NODAX	Q11	Category S airspace to Category S FIR TOC Point	20NM**	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES	**Trial operations	India, Chennai	not compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
541	MEPIP	W136 , J4	Category S airspace to Category S FIR TOC Point	30NM*	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
542	SAPNU	W41	Category S airspace to Category S FIR TOC Point	30NM*	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
543	AKSAN	W29	Category S airspace to Category S FIR TOC Point	30NM*	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
544	BITEM (above FL255)	W47	Category S airspace to Category S FIR TOC Point	30NM*	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
545	VIPAT (above FL255)	V009	Category S airspace to Category S FIR TOC Point	30NM*	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
546	XOPOX (above FL255)	A465	Category S airspace to Category S FIR TOC Point	30NM*	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
547	MANPU	N877	Category R/S airspace to Category R FIR TOC Point	50NM*	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
548	VATLA	W111	Category S airspace to Category S FIR TOC Point	15 MINUTES	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
549	KIBUD	W112	Category S airspace to Category S FIR TOC Point	15 MINUTES	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
550	MEPIP	Q17	Category S airspace to Category S FIR TOC Point	20NM	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES	*Subject to conditions and aircraft equipage	India, Chennai	not compliant
551	BIDEX	L510	Category S airspace to Category S FIR TOC Point	50NM*	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES	*Subject to conditions and aircraft equipage	India, Chennai	not compliant
552	LIBDI	L759	Category S airspace to Category S FIR TOC Point	50NM*	KOLKATA	Auto Hand-off - NO Overlapping Coverage - YES	*Subject to conditions and aircraft equipage	India, Chennai	not compliant
553	IGOGU	N571	Category S airspace to Category S FIR TOC Point	50NM*	Kuala Lumpur	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
554	IGREX	P628	Category S airspace to Category S FIR TOC Point	50NM*	Kuala Lumpur	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
555	NOPEK	P574	Category S airspace to Category S FIR TOC Point	50NM*	Kuala Lumpur	NO	*Subject to conditions and aircraft equipage	India, Chennai	not compliant
556	ANOKO	B466	Category S airspace to Category S FIR TOC Point	10 MINUTES	Kuala Lumpur	NO		India, Chennai	not compliant
557	SAMAK	L645	Category S airspace to Category S FIR TOC Point	50NM*	Kuala Lumpur	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
558	POXOD	R329	Category S airspace to Category S FIR TOC Point	15 MINUTES	MALE	NO		India, Chennai	not compliant
559	OSERA	R457	Category S airspace to Category S FIR TOC Point	10 MINUTES	MALE	NO		India, Chennai	not compliant
560	TELAR	L899	Category S airspace to Category S FIR TOC Point	10 MINUTES	MALE	NO		India, Chennai	not compliant
561	NUSRU	Q23	Category S airspace to Category S FIR TOC Point	20NM	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
562	VIKAS	Q9	Category S airspace to Category S FIR TOC Point	30NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
563	GULUP	Q13	Category S airspace to Category S FIR TOC Point	30NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
564	AGELA	N571	Category S airspace to Category S FIR TOC Point	50NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
565	LUTGU	L518	Category S airspace to Category S FIR TOC Point	40NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
566	OMDEV	T9	Category S airspace to Category S FIR TOC Point	50NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
567	OKILA	P574	Category S airspace to Category S FIR TOC Point	30NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
568	EPKOS	W67	Category S airspace to Category S FIR TOC Point	50NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
569	COMMON BOUNDARY	R458	Category S airspace to Category S FIR TOC Point	30NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
570	GODEP	W28	Category S airspace to Category S FIR TOC Point	30NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
571	COMMON BOUNDARY	B211	Category S airspace to Category S FIR TOC Point	30NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
572	LUTGU	W19	Category S airspace to Category S FIR TOC Point	40NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
573	BUSBO	W20	Category S airspace to Category S FIR TOC Point	40NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
574	BUSBO	W27	Category S airspace to Category S FIR TOC Point	40NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
575	SUDUM	W38	Category S airspace to Category S FIR TOC Point	40NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
576	MELAX	W218, W18	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
577	MELAX/COMMON BOUNDARY	Q27, J42	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
578	GUROG	J64	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
579	COMMON BOUNDARY	J89, J41, J36, J3, J93	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
580	BUSBO	Q28	Category S airspace to Category S FIR TOC Point	20NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
581	TANGE	J67	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
582	COMMON BOUNDARY	J28, J29 (CDR 3 Routes)	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
583	AGELA	J104	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
584	UXOGO / COMMON BOUNDARY	J65	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
585	EPKOS	J5	Category S airspace to Category S FIR TOC Point	30NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
586	ANODA	UL425	Category S airspace to Category S FIR TOC Point	50NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
587	OSUPI	T5	Category S airspace to Category S FIR TOC Point	50NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
588	BEDIL	L875	Category S airspace to Category S FIR TOC Point	50NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
589	KAKIB	N563	Category S airspace to Category S FIR TOC Point	50NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
590	POMAN	P570	Category S airspace to Category S FIR TOC Point	50NM*/	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
591	VASTU	M300	Category S airspace to Category S FIR TOC Point	50NM	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
592	UDULO	W17,W15	Category S airspace to Category S FIR TOC Point	30NM*	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
593	COMMON BOUNDARY	W78,W126, W128	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	Auto Hand-off - NO Overlapping Coverage - YES		India, Chennai	not compliant
594	LULDA	P762	Category S airspace to Category S FIR TOC Point	50NM*	Yangon	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
595	MIPAK	L759	Category S airspace to Category S FIR TOC Point	50NM*	Yangon	NO	* Subject to conditions and aircraft equipage	India, Chennai	not compliant
596	ONISA	L626	Category S airspace to Category S FIR TOC Point	10 MINUTES	KATHMANDU	NO #		India, Delhi	not compliant
597	FIR Boundary	Z2 (CDR-2 route)	Category S airspace to Category S FIR TOC Point	50 NM	KOLKATA	YES		India, Delhi	not compliant
598	FIR Boundary	J1 (CDR-2 routes)	Category S airspace to Category S FIR TOC Point	10 MINUTES	KOLKATA	YES		India, Delhi	not compliant
599	LKN	M890, J20 (CDR-2 route)	Category S airspace to Category S FIR TOC Point	50NM	KOLKATA	YES		India, Delhi	not compliant
600	LKN	Q18	Category S airspace to Category S FIR TOC Point	20 NM*/40NM*/50NM*/10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage;	India, Delhi	not compliant
601	LKN	B345	Category S airspace to Category S FIR TOC Point	40NM*/ 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
602	LKN	W85	Category S airspace to Category S FIR TOC Point	40NM*/ 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
603	FIR Boundary	L509, M875, L759, L333	Category S airspace to Category S FIR TOC Point	50NM*/ 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
604	LKN	A201	Category S airspace to Category S FIR TOC Point	20 NM*/ 40NM* / 10MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage;	India, Delhi	not compliant
605	LKN	R460, R594	Category S airspace to Category S FIR TOC Point	20 NM*/ 40NM* / 50NM*/ 10MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage;	India, Delhi	not compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
606	FIR Boundary	W33, [J37, J47, J48, J58, J98 (CDR-2 Routes)]	Category S airspace to Category S FIR TOC Point	10 MINUTES	KOLKATA	YES		India, Delhi	not compliant
607	LKN	J39 (CDR-2 Route)	Category S airspace to Category S FIR TOC Point	10 MINUTES	KOLKATA	YES		India, Delhi	not compliant
608	BUKLO	Q24	Category S airspace to Category S FIR TOC Point	20 NM*/10 MINUTES	MUMBAI	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
609	FIR Boundary	Q3	Category S airspace to Category S FIR TOC Point	20 NM* / 40NM* /50 NM*	MUMBAI	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
610	FIR Boundary	Z1 (CDR-2 route)	Category S airspace to Category S FIR TOC Point	50 NM*	MUMBAI	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
611	FIR Boundary	Q1	Category S airspace to Category S FIR TOC Point	20NM* / 40NM* / 50 NM	MUMBAI	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
612	BUKLO	W20	Category S airspace to Category S FIR TOC Point	40NM* / 10 MINUTES	MUMBAI	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
613	IBANI	P628	Category S airspace to Category S FIR TOC Point	50NM* / 80 NM/ 10 MINUTES	MUMBAI	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
614	FIR Boundary	A347	Category S airspace to Category S FIR TOC Point	40NM*/ 80 NM /10 MINUTES	MUMBAI	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
615	FIR Boundary	W122	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	YES		India, Delhi	not compliant
616	BILAN	W10	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	YES		India, Delhi	not compliant
617	FIR Boundary	W58	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	YES		India, Delhi	not compliant
618	FIR Boundary	J37, J50, J51, J52, J60, J62, (CDR-2 Routes)	Category S airspace to Category S FIR TOC Point	10 MINUTES	MUMBAI	YES		India, Delhi	not compliant
619	FIR Boundary	Z8, Z9 (CDR-2 Routes)	Category S airspace to Category S FIR TOC Point	50 NM*/10 MINUTES	MUMBAI	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
620	FIR Boundary	Z15(CDR-2 Route)	Category S airspace to Category S FIR TOC Point	50NM*	MUMBAI	YES	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
621	VIKIT	P628	Category S airspace to Category S FIR TOC Point	50NM* /80 NM/ 10 MINUTES	LAHORE	NO #	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
622	MERUN	L333, G452	Category S airspace to Category S FIR TOC Point	50NM* / 10 MINUTES	LAHORE	NO #	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
623	GUGAL	M875	Category S airspace to Category S FIR TOC Point	50NM* / 10 MINUTES	LAHORE	NO #	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
624	SULOM	L509, M890	Category S airspace to Category S FIR TOC Point	50NM* / 10 MINUTES	LAHORE	NO #	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
625	SULOM	A466	Category S airspace to Category S FIR TOC Point	50NM * / 5 MINUTES * / 10 MINUTES	LAHORE	NO #	* Subject to conditions and aircraft equipage	India, Delhi	not compliant
626	RABAN	A456	Category S airspace to Category S FIR TOC Point	10 MINUTES	LAHORE	NO #		India, Delhi	not compliant
627	LAROB	Q24	Category S airspace to Category S FIR TOC Point	20NM	Chennai	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
628	AGELA	Q8	Category S airspace to Category S FIR TOC Point	30NM* / 50NM	Chennai	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
629	OKILA	Q12	Category S airspace to Category S FIR TOC Point	30NM* / 50NM	Chennai	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
630	DUKOD	Z5	Category S airspace to Category S FIR TOC Point	20NM*	Chennai	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
631	LUTGU	L518	Category S airspace to Category S FIR TOC Point	50NM* /10 MINUTES	Chennai	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
632	LUTGU	J107	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	NO		India, Mumbai	not compliant
633	OMDEV	T9	Category S airspace to Category S FIR TOC Point	50NM*	Chennai	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
634	AGELA	W56, N571	Category S airspace to Category S FIR TOC Point	30NM* / 50NM*/ 10 MINUTES	Chennai	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
635	EPKOS	W67	Category S airspace to Category S FIR TOC Point	30NM* / 10 MINUTES	Chennai	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
636	BBM	R458	Category S airspace to Category S FIR TOC Point	30NM* / 10 MINUTES	Chennai	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
637	OKILA	P574, R461, W17	Category S airspace to Category S FIR TOC Point	30NM*/ 50NM* / 10 MINUTES	Chennai	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
638	GODEP	W28	Category S airspace to Category S FIR TOC Point	30NM* / 10 MINUTES	Chennai	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
639	GODEP	J28	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	YES		India, Mumbai	not compliant
640	LUTGU	W19	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	NO		India, Mumbai	not compliant
641	BUSBO	W20, W27, Q28, J3	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	YES		India, Mumbai	not compliant
642	SUDUM	W38	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	NO		India, Mumbai	not compliant
643	AGELA	G208	Category S airspace to Category S FIR TOC Point	50NM*/10 MINUTES	Chennai	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
644	MELAX	W18, W218	Category S airspace to Category S FIR TOC Point	10MINUTES	Chennai	YES		India, Mumbai	not compliant
645	MELAX	Q27/J42	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	YES		India, Mumbai	not compliant
646	GUROG	J64	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	YES		India, Mumbai	not compliant
647	FIR BOUNDARY	J41	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	YES		India, Mumbai	not compliant
648	UXOGO	J65/J104	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	YES		India, Mumbai	not compliant

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649	DOTVO	J93	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	YES		India, Mumbai	not compliant
650	LEBUS	J29	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	YES		India, Mumbai	not compliant
651	FIR Boundary	W136, J89	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	YES		India, Mumbai	not compliant
652	KEVIB	J36	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	NO		India, Mumbai	not compliant
653	TANGE	J67	Category S airspace to Category S FIR TOC Point	10 MINUTES	Chennai	NO		India, Mumbai	not compliant
654	TANGE	Q16	Category S airspace to Category S FIR TOC Point	20 NM*/10 MINUTES	Chennai	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
655	IBANI	Q23	Category S airspace to Category S FIR TOC Point	20 NM	Delhi	YES		India, Mumbai	not compliant
656	FIR Boundary	Z1(CDR-2 routes)	Category S airspace to Category S FIR TOC Point	50 NM	Delhi	YES		India, Mumbai	not compliant
657	FIR Boundary	Q2	Category S airspace to Category S FIR TOC Point	20NM* / 50NM	Delhi	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
658	IBANI	W19	Category S airspace to Category S FIR TOC Point	40NM* / 10 MINUTES	Delhi	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
659	IBANI	P628, L510	Category S airspace to Category S FIR TOC Point	50NM* / 10 MINUTES	Delhi	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
660	BILAN	W10	Category S airspace to Category S FIR TOC Point	10 MINUTES	Delhi	YES		India, Mumbai	not compliant
661	EKAKU	Z16	Category S airspace to Category S FIR TOC Point	20NM	Delhi	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
662	IDOLA	A474	Category S airspace to Category S FIR TOC Point	10 MINUTES	Delhi	YES		India, Mumbai	not compliant
663	UUD	W58, R462, J60	Category S airspace to Category S FIR TOC Point	10 MINUTES	Delhi	YES		India, Mumbai	not compliant
664	UUD	Q5, 29	Category S airspace to Category S FIR TOC Point	50NM WITH MNT	Delhi	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
665	MIBOG	J50, J62	Category S airspace to Category S FIR TOC Point	10 MINUTES	Delhi	YES		India, Mumbai	not compliant
666	POVOS	J51, Z8	Category S airspace to Category S FIR TOC Point	10 MINUTES	Delhi	YES		India, Mumbai	not compliant
667	SEKDO	Z15	Category S airspace to Category S FIR TOC Point	20 NM	Delhi	YES		India, Mumbai	not compliant
668	FIR Boundary	J37, J52	Category S airspace to Category S FIR TOC Point	10 MINUTES	Delhi	YES		India, Mumbai	not compliant
669	FIR Boundary	Q20	Category S airspace to Category S FIR TOC Point	20NM	KOLKATA	YES		India, Mumbai	not compliant
670	FIR Boundary	V39	Category S airspace to Category S FIR TOC Point	30NM* / 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
671	ODUMI	T1	Category S airspace to Category S FIR TOC Point	30NM* / 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
672	VEMPI	W140	Category S airspace to Category S FIR TOC Point	30NM* / 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
673	TEGIG	G450, V38	Category S airspace to Category S FIR TOC Point	30NM* / 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
674	ASOPO	P628	Category S airspace to Category S FIR TOC Point	50NM*/ 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
675	TEGIG	W108	Category S airspace to Category S FIR TOC Point	30NM*/ 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
676	FIR Boundary	N895, L524, Z14	Category S airspace to Category S FIR TOC Point	50NM*/ 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
677	Common Boundary	N877, L301	Category S airspace to Category S FIR TOC Point	50NM*/ 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
678	ASOPO	A791	Category S airspace to Category S FIR TOC Point	30NM* / 50NM* / 10 MINUTES	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
679	JJB	W99	Category S airspace to Category S FIR TOC Point	10 MINUTES	KOLKATA	YES		India, Mumbai	not compliant
680	FIR Boundary	G472, G590, W40, W68, W139, V73, W136, V75, J4	Category S airspace to Category S FIR TOC Point	10 MINUTES	KOLKATA	YES		India, Mumbai	not compliant
681	GUTUN	W139	Category S airspace to Category S FIR TOC Point	10 MINUTES	KOLKATA	YES		India, Mumbai	not compliant
682	FIR Boundary	Q14	Category S airspace to Category S FIR TOC Point	20NM	KOLKATA	YES	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
683	TELEM	A791, G210, N893, Z10	Category S airspace to Category S FIR TOC Point	50NM* / 10 MINUTES	KARACHI	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
684	RAMSA	R462	Category S airspace to Category S FIR TOC Point	10 MINUTES	KARACHI	NO		India, Mumbai	not compliant
685	RAMSA	Z15	Category S airspace to Category S FIR TOC Point	20NM	KARACHI	NO	Surveillance Required; RNP 2 & ADS-B OUT	India, Mumbai	not compliant
686	SAPNA	M638, N519	Category R/S airspace to Category R FIR TOC Point	50NM*/ 10 MINUTES	KARACHI	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
687	RASKI	L639, L301	Category R/S airspace to Category R FIR TOC Point	50NM*/ 10 MINUTES	MUSCAT	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
688	PARAR	N571	Category R/S airspace to Category R FIR TOC Point	50NM*/ 10 MINUTES	MUSCAT	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
689	TOTOX	P574	Category R/S airspace to Category R FIR TOC Point	50NM*/ 10 MINUTES	MUSCAT	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
690	REXOD	N563	Category R/S airspace to Category R FIR TOC Point	50NM*/ 10 MINUTES	MUSCAT	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
691	LOTAV	M300	Category R/S airspace to Category R FIR TOC Point	50NM*/ 10MINUTES	MUSCAT	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
692	KITAL	P570, L894, L516	Category R/S airspace to Category R FIR TOC Point	50NM* / 10 MINUTES	MUSCAT	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant

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693	ASPUX	UL425	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	MUSCAT	NO		India, Mumbai	not compliant
694	ANGAL	P751, UM551	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	SANA'S	NO		India, Mumbai	not compliant
695	GIDAS	P323	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	SANA'S	NO		India, Mumbai	not compliant
696	ORLID	G450	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	MOGADISHU	NO		India, Mumbai	not compliant
697	VUTAS	G424, L875	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	SEYCHELLES	NO		India, Mumbai	not compliant
698	CLAVA	B459, L756	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	SEYCHELLES	NO		India, Mumbai	not compliant
699	OTKIR	G465	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	SEYCHELLES	NO		India, Mumbai	not compliant
700	BUSUX	N628	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	SEYCHELLES	NO		India, Mumbai	not compliant
701	MURUS	A474	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	Mauritius	NO		India, Mumbai	not compliant
702	LEVLU	N628	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	MALE	NO		India, Mumbai	not compliant
703	ELKEL	G465, L516	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	MALE	NO		India, Mumbai	not compliant
704	RULSA	L756	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	MALE	NO		India, Mumbai	not compliant
705	BIBGO	L894	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	MALE	NO		India, Mumbai	not compliant
706	ANODA	UL425	Category R/S airspace to Category R FIR TOC Point	10 MINUTES	Chennai	NO		India, Mumbai	not compliant
707	KAKIB	N563	Category R/S airspace to Category R FIR TOC Point	50NM*/ 10 MINUTES	Chennai	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
708	OSUPI	T5	Category R/S airspace to Category R FIR TOC Point	50NM*/ 10 MINUTES	Chennai	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
709	BEDIL	L875	Category R/S airspace to Category R FIR TOC Point	50NM*/ 10 MINUTES	Chennai	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
710	VASTU	M300	Category R/S airspace to Category R FIR TOC Point	50NM*/ 10 MINUTES	Chennai	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
711	POMAN	P570	Category R/S airspace to Category R FIR TOC Point	50NM*/ 10 MINUTES	Chennai	NO	* Subject to conditions and aircraft equipage	India, Mumbai	not compliant
712	WAYPOINT A		Category R/S airspace to Category R FIR TOC Point		Delhi	Not Provided	SEPARATION NOT DEFINED, REFER NOTAM BELOW; C0143/23 NOTAMR C1493/22 Q) VAXX/QARXX/IV/BO/E/000/999/ A) VABF VIDF B) 2302030510 C) 2305030509EST E) TEMPO ATS RTE JSL NDB (VIJR) DCT WAY PT A (2521N07108E) DCT AAE VOR (VAAH) AVBL FOR FLT OPS	India, Mumbai	Compliant
713	BEMAK	A462	Category R airspace to Category S FIR TOC Point	50NM* MNT	DHAKA	No	* Subject to conditions/aircraft equipage	India, Kolkata	Compliant
714	NOKAT	B593	Category R airspace to Category S FIR TOC Point	10 minutes	DHAKA	No		India, Kolkata	not compliant
715	SUMAG	B465	Category R airspace to Category S FIR TOC Point	10 minutes	DHAKA	No		India, Kolkata	not compliant
716	AGODA	R472	Category R airspace to Category S FIR TOC Point	50NM* MNT	DHAKA	No	* Subject to conditions/aircraft equipage	India, Kolkata	Compliant
717	ATOGA	R472	Category R airspace to Category S FIR TOC Point	50NM* MNT	DHAKA	No	* Subject to conditions/aircraft equipage	India, Kolkata	Compliant
718	IBAPA	B593	Category R airspace to Category S FIR TOC Point	10minutes	DHAKA	No		India, Kolkata	not compliant
719	AVNAK	B209	Category R airspace to Category S FIR TOC Point	10 minutes	DHAKA	No		India, Kolkata	not compliant
720	VANTU	R598	Category R airspace to Category S FIR TOC Point	10 minutes	DHAKA	No		India, Kolkata	not compliant
721	REDAP	R344	Category R airspace to Category S FIR TOC Point	10 minutes	DHAKA	No		India, Kolkata	not compliant
722	TEBID	A201	Category R airspace to Category S FIR TOC Point	10 minutes	DHAKA	No	*as per AIP reduced separation is 20NM may be applied between RNP 2 compliant aircraft. However, not in practice as not covered in LoA.	India, Kolkata	not compliant
723	AAT	A201	Category R airspace to Category S FIR TOC Point	10 minutes	DHAKA	No		India, Kolkata	not compliant
724	TEBID	G463	Category R airspace to Category S FIR TOC Point	10 minutes	DHAKA	No		India, Kolkata	not compliant
725	KABEM	R325	Category R airspace to Category S FIR TOC Point	10 minutes	KATHMANDU	No		India, Kolkata	not compliant
726	ROMEO	R581	Category R airspace to Category S FIR TOC Point	10 minutes	KATHMANDU	No		India, Kolkata	not compliant
727	METOM	G348	Category R airspace to Category S FIR TOC Point	10 minutes	KATHMANDU	No		India, Kolkata	not compliant
728	PARSA	G598	Category R airspace to Category S FIR TOC Point	10 minutes	KATHMANDU	No		India, Kolkata	not compliant
729	OMUPA	G590	Category R airspace to Category S FIR TOC Point	10 minutes	KATHMANDU	No		India, Kolkata	not compliant
730	LUMBI	B345	Category R airspace to Category S FIR TOC Point	10 minutes	KATHMANDU	No		India, Kolkata	not compliant
731	BIRAT	R344	Category R airspace to Category S FIR TOC Point	10 minutes	KATHMANDU	No		India, Kolkata	not compliant
732	BIRAT	A467	Category R airspace to Category S FIR TOC Point	10 minutes	KATHMANDU	No		India, Kolkata	not compliant
733	ROMEO	G463	Category R airspace to Category S FIR TOC Point	10 minutes	KATHMANDU	No		India, Kolkata	not compliant
734	LALEK	G335	Category R airspace to Category S FIR TOC Point	10 minutes	KATHMANDU	No		India, Kolkata	not compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
735	BIPOB	G336	Category R airspace to Category S FIR TOC Point	10 minutes	KATHMANDU	No		India, Kolkata	not compliant
736	SAGOD	N895	Category R/S airspace to Category R FIR TOC Point	10 minutes/80NM*/50NM* RHSM MNT	Yangon	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
737	SAGOD	G472	Category R/S airspace to Category R FIR TOC Point	10 minutes	Yangon	No		India, Kolkata	not compliant
738	MEPEL	M770	Category R/S airspace to Category R FIR TOC Point	10 minutes/80NM*/50NM* RHSM MNT	Yangon	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
739	CHILA	A599	Category R airspace to Category S FIR TOC Point	10 minutes	Yangon	No		India, Kolkata	not compliant
740	APAGO	B465	Category R airspace to Category S FIR TOC Point	10 minutes	Yangon	No		India, Kolkata	not compliant
741	ANSOS	A201	Category R airspace to Category S FIR TOC Point	10 minutes	Yangon	No	*as per AIP reduced separation is 20NM may be applied between RNP 2 compliant aircraft. However, not in practice as not covered in LoA.	India, Kolkata	not compliant
742	TEBOV	L507	Category R airspace to Category S FIR TOC Point	10 minutes/80NM*/50NM* RHSM MNT	Yangon	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
743	IBITA	P646	Category R/S airspace to Category R FIR TOC Point	10 minutes/80NM*/50NM* RHSM MNT	Yangon	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
744	BORBU	L524	Category R/S airspace to Category R FIR TOC Point	10 minutes/80NM*/50NM* RHSM MNT	Yangon	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
745	RINDA	L301	Category R/S airspace to Category R FIR TOC Point	10 minutes/80NM*/50NM* RHSM MNT	Yangon	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
746	MEPIP	W136	Category S airspace to Category S FIR TOC Point	10 minutes	Chennai	No		India, Kolkata	not compliant
747	MEPIP	J4	Category S airspace to Category S FIR TOC Point	10 minutes/30NM* MNT	Chennai	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
748	MEPIP	Q17	Category S airspace to Category S FIR TOC Point	10 minutes/30NM*/20NM* MNT	Chennai	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
749	MEPIP	V75	Category S airspace to Category S FIR TOC Point	10 minutes	Chennai	No		India, Kolkata	not compliant
750	SAPNU	W41	Category S airspace to Category S FIR TOC Point	10 minutes/30NM* MNT	Chennai	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
751	AKSAN	W29	Category S airspace to Category S FIR TOC Point	10 minutes/30NM* MNT	Chennai	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
752	BITEM	W47	Category S airspace to Category S FIR TOC Point	10 minutes/30NM* MNT	Chennai	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
753	VIPAT	V009	Category S airspace to Category S FIR TOC Point	10 minutes/30NM* MNT	Chennai	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
754	XOPOX	A465	Category S airspace to Category S FIR TOC Point	10 minutes/30NM* MNT	Chennai	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
755	NODAX	Q11	Category S airspace to Category S FIR TOC Point	10 minutes/50NM*/30NM*/20NM* MNT	Chennai	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
756	SUPLU	Q10	Category S airspace to Category S FIR TOC Point	10 minutes/50NM*/30NM*/20NM* MNT	Chennai	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
757	MANPU	N877	Category R/S airspace to Category R FIR TOC Point	10 minutes	Chennai	No		India, Kolkata	not compliant
758	BIDEX	L510	Category R/S airspace to Category R FIR TOC Point	10 minutes	Chennai	No		India, Kolkata	not compliant
759	VATLA	P628	Category R/S airspace to Category R FIR TOC Point	10 minutes	Chennai	No		India, Kolkata	not compliant
760	VATLA	W111	Category R/S airspace to Category R FIR TOC Point	15 minutes	Chennai	No		India, Kolkata	not compliant
761	KIBUD	W112	Category R/S airspace to Category R FIR TOC Point	15 minutes	Chennai	No		India, Kolkata	not compliant
762	LIBDI	L759	Category R/S airspace to Category R FIR TOC Point	10 minutes	Chennai	No		India, Kolkata	not compliant
763	ASOPO	A791	Category S airspace to Category S FIR TOC Point	10minutes/50NM*/20NM*	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
764	NITAG	Q19	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
765	OSVAS	Q20	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
766	TEGIG	G450	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
767	VEMPI	W140	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
768	SADEV	J67	Category S airspace to Category S FIR TOC Point	10 minutes	NAGPUR	No		India, Kolkata	not compliant
769	SADEV	Q16	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
770	OSVAS	Z14	Category S airspace to Category S FIR TOC Point	10minutes/50NM* RHSM*/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
771	TEGIG	W108	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
772	SADEV	N895	Category S airspace to Category S FIR TOC Point	10minutes/50NM* RHSM/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
773	DOVIR	L524	Category S airspace to Category S FIR TOC Point	10minutes/50NM* RHSM/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
774	UXENA	N877	Category S airspace to Category S FIR TOC Point	10minutes/50NM* RHSM/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
775	MEPIP	L301	Category S airspace to Category S FIR TOC Point	10minutes/50NM* RHSM/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
776	AKSIX	V15	Category S airspace to Category S FIR TOC Point	10 minutes	NAGPUR	No		India, Kolkata	not compliant
777	ASOPO	P628	Category S airspace to Category S FIR TOC Point	10minutes/50NM* RHSM/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
778	ODUMI	T1	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
779	RUXAL	Q29	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
780	TEGIG	L510	Category S airspace to Category S FIR TOC Point	10minutes/50NM RHSM*/20NM MNT*	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
781	RUXAL	V39	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
782	KKJ	G590	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
783	KKJ	W40	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
784	KKJ	W68	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
785	KKJ	W139	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
786	JB	W99	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
787	KKJ	Q14	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
788	KKJ	Q15	Category S airspace to Category S FIR TOC Point	10 minutes/20NM* MNT	NAGPUR	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
789	SADEV	G472	Category S airspace to Category S FIR TOC Point	10 minutes	NAGPUR	No		India, Kolkata	not compliant
790	KALRI	V73	Category S airspace to Category S FIR TOC Point	10 minutes	NAGPUR	No		India, Kolkata	not compliant
791	DOVIR	W136	Category S airspace to Category S FIR TOC Point	10 minutes	NAGPUR	No		India, Kolkata	not compliant
792	VEKRA	J4(below FL255)	Category S airspace to Category S FIR TOC Point	10 minutes	NAGPUR	No		India, Kolkata	not compliant
793	KALRI	V75	Category S airspace to Category S FIR TOC Point	10 minutes	NAGPUR	No		India, Kolkata	not compliant
794	ASOPO	W66(below FL255)	Category S airspace to Category S FIR TOC Point	10 minutes	VARANASI	No		India, Kolkata	not compliant
795	BEGUM	W138(below FL255)	Category S airspace to Category S FIR TOC Point	10 minutes	VARANASI	No		India, Kolkata	not compliant
796	IBUDA	W49(below FL255)	Category S airspace to Category S FIR TOC Point	10 minutes	VARANASI	No		India, Kolkata	not compliant
797	FIR BOUNDARY	W86(below FL255)	Category S airspace to Category S FIR TOC Point	10 minutes	VARANASI	No		India, Kolkata	not compliant
798	LAPAN	W50(below FL255)	Category S airspace to Category S FIR TOC Point	10 minutes	VARANASI	No		India, Kolkata	not compliant
799	LAPAN	B209(below FL255)	Category S airspace to Category S FIR TOC Point	10 minutes	VARANASI	No		India, Kolkata	not compliant
800	ATALI	W109(below FL255)	Category S airspace to Category S FIR TOC Point	10 minutes	VARANASI	No		India, Kolkata	not compliant
801	FIR BOUNDARY	W73(below FL255)	Category S airspace to Category S FIR TOC Point	10 minutes	VARANASI	No		India, Kolkata	not compliant
802	GGC	R460(below FL255)	Category S airspace to Category S FIR TOC Point	10 minutes	VARANASI	No		India, Kolkata	not compliant
803	FIR BOUNDARY	Z13(below FL255)	Category S airspace to Category S FIR TOC Point	10minutes	VARANASI	No		India, Kolkata	not compliant
804	LAPAN	V77	Category S airspace to Category S FIR TOC Point	10 minutes	VARANASI	No		India, Kolkata	not compliant
805	FIR BOUNDARY	L509	Category S airspace to Category S FIR TOC Point	10 minutes/50NM* MNT	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
806	FIR BOUNDARY	L333	Category S airspace to Category S FIR TOC Point	10 minutes/50NM* MNT	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
807	FIR BOUNDARY	W33	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	No		India, Kolkata	not compliant
808	FIR BOUNDARY	J48	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	No		India, Kolkata	not compliant
809	FIR BOUNDARY	J1	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	No		India, Kolkata	not compliant
810	FIR BOUNDARY	J71	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	No		India, Kolkata	not compliant
811	FIR BOUNDARY	J37	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	No		India, Kolkata	not compliant
812	FIR BOUNDARY	J47	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	No		India, Kolkata	not compliant
813	IGONA	J30	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	No		India, Kolkata	not compliant
814	FIR BOUNDARY	J73	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	No		India, Kolkata	not compliant
815	LKN	W40	Category S airspace to Category S FIR TOC Point	10 minutes/40NM*	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
816	LKN	M890	Category S airspace to Category S FIR TOC Point	10 minutes/50NM* MNT/40NM*	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
817	LKN	R460(E/B)	Category S airspace to Category S FIR TOC Point	10 minutes/50NM* MNT/40NM*/20NM*	Delhi	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
818	LKN	R460(W/B)	Category S airspace to Category S FIR TOC Point	10 minutes/50NM* MNT/40NM*/20NM*	Delhi	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
819	LKN	R594	Category S airspace to Category S FIR TOC Point	10 minutes/50NM* MNT/40NM*/20NM*	Delhi	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
820	LKN	G598	Category S airspace to Category S FIR TOC Point	10 minutes/40NM*	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
821	FIR BOUNDARY	M875	Category S airspace to Category S FIR TOC Point	10 minutes/50NM* MNT	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
822	KKJ	L759	Category S airspace to Category S FIR TOC Point	10 minutes/50NM* MNT	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
823	FIR BOUNDARY	B209	Category S airspace to Category S FIR TOC Point	10 minutes with MNT	Delhi	No		India, Kolkata	not compliant
824	FIR BOUNDARY	Z2	Category S airspace to Category S FIR TOC Point	10 minutes/ 50NM* MNT	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
825	LKN	Q18	Category S airspace to Category S FIR TOC Point	10 minutes/50NM* MNT/40NM*/20NM*	Delhi	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
826	LKN	A201	Category S airspace to Category S FIR TOC Point	10 minutes/50NM* MNT/40NM*/20NM*	Delhi	Yes*	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
827	FIR BOUNDARY	J59	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	No		India, Kolkata	not compliant
828	FIR BOUNDARY	J58	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	No		India, Kolkata	not compliant
829	FIR BOUNDARY	J83	Category S airspace to Category S FIR TOC Point	10 minutes	Delhi	No		India, Kolkata	not compliant
830	LKN	J20	Category S airspace to Category S FIR TOC Point	10 minutes/50NM MNT/40NM*	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
831	LKN	J39	Category S airspace to Category S FIR TOC Point	10 minutes/40NM*	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
832	LKN	J82	Category S airspace to Category S FIR TOC Point	10 minutes/40NM*	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
833	LKN	W85	Category S airspace to Category S FIR TOC Point	10 minutes/40NM*	Delhi	No	* Subject to conditions/aircraft equipage	India, Kolkata	not compliant
834	NOMAN	A461/M501	Category S airspace to Category S FIR TOC Point	30NM	Hong Kong	Not Provided	30NM spacing requires RNP4 and CPDLC	Philippines, Manila	not compliant
835	SABNO	A583	Category R/S airspace to Category R FIR TOC Point	50NM (upgrading to 30NM starting Q2 2024)	Hong Kong	Not Provided	50NM spacing requires RNP10 and CPDLC	Philippines, Manila	Compliant
836	ARESI	L625	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Ho Chi Minh	Not Provided		Philippines, Manila	not compliant
837	ARESI	L628	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Ho Chi Minh	Not Provided		Philippines, Manila	not compliant
838	PANDI	M765	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Ho Chi Minh	Not Provided		Philippines, Manila	not compliant
839	LAXOR	N884	Category R airspace to Category S FIR TOC Point	30NM	Singapore	Not Provided	30NM spacing requires RNP4, ADS-C/CPDLC	Philippines, Manila	Compliant
840	LAXOR	M772	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Singapore	Not Provided		Philippines, Manila	not compliant
841	VINIK	M754	Category S airspace to Category S FIR TOC Point	80NM or 10 minutes MNT	Kota Kinabalu	Not Provided		Philippines, Manila	not compliant
842	OSANU	M646	Category S airspace to Category S FIR TOC Point	50NM	Kota Kinabalu	Not Provided	50NM spacing requires RNP10	Philippines, Manila	not compliant
843	VIMAG	A341	Category S airspace to Category S FIR TOC Point	50NM	Kota Kinabalu	Not Provided	50NM spacing requires RNP10	Philippines, Manila	not compliant
844	GORAI	G578	Category S airspace to Category S FIR TOC Point	50NM	Ujung Pandang	Not Provided	50NM spacing requires RNP10	Philippines, Manila	not compliant
845	MOLLY	A461	Category S airspace to Category S FIR TOC Point	50NM	Ujung Pandang	Not Provided	50NM spacing requires RNP10	Philippines, Manila	not compliant
846	SELSE	B472	Category S airspace to Category S FIR TOC Point	50NM	Ujung Pandang	Not Provided	50NM spacing requires RNP10	Philippines, Manila	not compliant
847	PEDNO	R590	Category S airspace to Category S FIR TOC Point	80NM or 10 minutes MNT	Ujung Pandang	Not Provided	50NM spacing not adopted due conflict with B472 inbound and A461 outbound	Philippines, Manila	not compliant
848	SADAN	B473	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Ujung Pandang	Not Provided		Philippines, Manila	not compliant
849	BIDOR	B462	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Ujung Pandang	Not Provided		Philippines, Manila	not compliant
850	BOLUG	A339	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Ujung Pandang	Not Provided		Philippines, Manila	not compliant
851	SHREE	A339	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Oakland	Not Provided		Philippines, Manila	not compliant
852	ISGOG	R337	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Oakland	Not Provided		Philippines, Manila	not compliant
853	ENDAX	G467	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Oakland	Not Provided		Philippines, Manila	not compliant
854	LIMLE	M501	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Oakland	Not Provided		Philippines, Manila	not compliant
855	GURAG	A590	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Fukuoka	Not Provided		Philippines, Manila	not compliant
856	GURAG	G578	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Fukuoka	Not Provided		Philippines, Manila	not compliant
857	BISIG	A582	Category R/S airspace to Category R FIR TOC Point	80NM or 10 minutes MNT	Fukuoka	Not Provided		Philippines, Manila	not compliant
858	MEVIN	B462	Category R airspace to Category S FIR TOC Point	80NM or 10 minutes MNT	Fukuoka	Not Provided		Philippines, Manila	not compliant
859	POTIB	M646	Category S airspace to Category S FIR TOC Point	30NM	Taipei	Not Provided	At least one aircraft in the pair will land in airport within Manila FIR or Taipei FIR	Philippines, Manila	not compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
860	KABAM	N892	Category S airspace to Category S FIR TOC Point	80NM or 10 minutes MNT	Taipei	Not Provided		Philippines, Manila	not compliant
861	PASRO	A590	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM longitudinal	Fukuoka Oceanic FIR	Not Provided		USA, Anchorage Oceanic	Compliant
862	AKISU	UPRs	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM longitudinal	Fukuoka Oceanic FIR	Not Provided	There is no longer an ATS route over AKISU, ATS Route R591 was deleted to open more airspace for UPRs.	USA, Anchorage Oceanic	Compliant
863	CUTEE	UPRs	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM longitudinal	Fukuoka Oceanic FIR	Not Provided	There is no longer an ATS route over CUTEE, ATS Route G344 was deleted to open more airspace for UPRs.	USA, Anchorage Oceanic	Compliant
864	ALL	N/A UPRs	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM longitudinal	Oakland Oceanic (KZAK)	Not Provided	There are no routes that cross this FIR boundary. All aircraft are on User Preferred Random Routes	USA, Anchorage Oceanic	Compliant
865	AAMYY	R451	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM longitudinal	Anchorage Continental FIR	Not Provided	Waypoint AAMYY is close to the FIR Boundary but not on the FIR	USA, Anchorage Oceanic	Compliant
866	PLADO	A590, G215	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM longitudinal	Anchorage Continental FIR	Not Provided	Waypoint PLADO is close to the FIR Boundary but not on the FIR	USA, Anchorage Oceanic	Compliant
867	OPAKE	R580, A342	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM longitudinal	Anchorage Continental FIR	Not Provided		USA, Anchorage Oceanic	Compliant
868	NYMPH	A342, G469	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM longitudinal	Anchorage Continental FIR	Not Provided	Waypoint NYMPH is close to the FIR Boundary but not on the FIR	USA, Anchorage Oceanic	Compliant
869	KUNAD	No route in the Anchorage Oceanic FIR	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM longitudinal	Petropavlovsk Kamchatsky FIR	Not Provided	There are no routes that cross this FIR boundary. All aircraft are on User Preferred Random Routes after entering the Anchorage Oceanic FIR.	USA, Anchorage Oceanic	Compliant
870	LUMES	No route in the Anchorage Oceanic FIR	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM longitudinal	Petropavlovsk Kamchatsky FIR	Not Provided	There are no routes that cross this FIR boundary. All aircraft are on User Preferred Random Routes after entering the Anchorage Oceanic FIR.	USA, Anchorage Oceanic	Compliant
871	ALL	N/A UPRs	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Anchorage Continental FIR	There are no routes that cross this FIR boundary. All aircraft are on User Preferred Random Routes		USA, Oakland Oceanic	Compliant
872	ALL	N/A UPRs	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Anchorage Oceanic FIR	There are no routes that cross this FIR boundary. All aircraft are on User Preferred Random Routes		USA, Oakland Oceanic	Compliant
873	BEEBO	G223	Category R/S airspace to Category R FIR TOC Point	30 NM	Fukuoka Oceanic FIR	Not Provided		USA, Oakland Oceanic	Compliant
874	ATIGO	B452	Category R/S airspace to Category R FIR TOC Point	30 NM	Fukuoka Oceanic FIR	Not Provided		USA, Oakland Oceanic	Compliant
875	TEGOD	A337	Category R/S airspace to Category R FIR TOC Point	30 NM	Fukuoka Oceanic FIR	Not Provided		USA, Oakland Oceanic	Compliant
876	OMLET	B586	Category R/S airspace to Category R FIR TOC Point	30 NM	Fukuoka Oceanic FIR	Not Provided		USA, Oakland Oceanic	Compliant
877	MONPI	A597	Category R/S airspace to Category R FIR TOC Point	30 NM	Fukuoka Oceanic FIR	Not Provided		USA, Oakland Oceanic	Compliant
878	PAKDO	G339	Category R/S airspace to Category R FIR TOC Point	30 NM	Fukuoka Oceanic FIR	Not Provided		USA, Oakland Oceanic	Compliant
879	KEITH	A339, R584, R595	Category R/S airspace to Category R FIR TOC Point	30 NM	Fukuoka Oceanic FIR	Not Provided		USA, Oakland Oceanic	Compliant
880	Random crossing Points	UPRs	Category R/S airspace to Category R FIR TOC Point	30 NM	Fukuoka Oceanic FIR	There are long segments of the FIR boundary without routes or waypoints on the boundary. Aircraft may flight plan optimized User Preferred Routes crossing the FIR with the 30 NM separation..		USA, Oakland Oceanic	Compliant
881	LIMLE	M501	Category R/S airspace to Category R FIR TOC Point	30 NM	Manila	Oakland Oceanic also accepts UPRs crossing the Manila FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
882	ENDAX	G467	Category R/S airspace to Category R FIR TOC Point	30 NM	Manila	Oakland Oceanic also accepts UPRs crossing the Manila FIR Boundary		USA, Oakland Oceanic	Compliant
883	ISGOG	R337	Category R/S airspace to Category R FIR TOC Point	30 NM	Manila	Oakland Oceanic also accepts UPRs crossing the Manila FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
884	OLBIE	M576	Category R/S airspace to Category R FIR TOC Point	30 NM	Manila	Oakland Oceanic also accepts UPRs crossing the Manila FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
885	SHREE	A339, R584, R595	Category R/S airspace to Category R FIR TOC Point	30 NM	Manila	Oakland Oceanic also accepts UPRs crossing the Manila FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
886	CAHYO	A450	Category R/S airspace to Category R FIR TOC Point	30 NM	Ujung Pandang	Oakland Oceanic also accepts UPRs crossing the Ujung Pandang FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
887	KALIN	R204	Category R/S airspace to Category R FIR TOC Point	30 NM	Port Moresby	Oakland Oceanic also accepts UPRs crossing the Port Moresby FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
888	FACED	A216	Category R/S airspace to Category R FIR TOC Point	30 NM	Port Moresby	Oakland Oceanic also accepts UPRs crossing the Port Moresby FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
889	PIKOK	B586	Category R/S airspace to Category R FIR TOC Point	30 NM	Port Moresby	Oakland Oceanic also accepts UPRs crossing the Port Moresby FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
890	RUTUS	G205	Category R/S airspace to Category R FIR TOC Point	30 NM	Port Moresby	Oakland Oceanic also accepts UPRs crossing the Port Moresby FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
891	ADBON	A597	Category R/S airspace to Category R FIR TOC Point	30 NM	Port Moresby	Oakland Oceanic also accepts UPRs crossing the Port Moresby FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
892	DOHRT	B452	Category R/S airspace to Category R FIR TOC Point	30 NM	Port Moresby	Oakland Oceanic also accepts UPRs crossing the Port Moresby FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
893	FENSE	A578	Category R/S airspace to Category R FIR TOC Point	30 NM	Nauru FIR	Oakland Oceanic also accepts UPRs crossing the Nauru FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
894	MUBIT	G223	Category R/S airspace to Category R FIR TOC Point	30 NM	Nauru FIR	Oakland Oceanic also accepts UPRs crossing the Nauru FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
895	ELNUR	B589	Category R/S airspace to Category R FIR TOC Point	30 NM	Nauru FIR	Oakland Oceanic also accepts UPRs crossing the Nauru FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
896	MARTI	A598	Category R/S airspace to Category R FIR TOC Point	30 NM	Nauru FIR	Oakland Oceanic also accepts UPRs crossing the Nauru FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
897	VAVEE	R332	Category R/S airspace to Category R FIR TOC Point	30 NM	Nadi	Oakland Oceanic also accepts UPRs crossing the Nadi FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
898	NIXAM	B326	Category R/S airspace to Category R FIR TOC Point	30 NM	Nadi	Oakland Oceanic also accepts UPRs crossing the Nadi FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
899	ARTOP	B474	Category R/S airspace to Category R FIR TOC Point	30 NM	Nadi	Oakland Oceanic also accepts UPRs crossing the Nadi FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
900	BOILS	B580	Category R/S airspace to Category R FIR TOC Point	30 NM	Nadi	Oakland Oceanic also accepts UPRs crossing the Nadi FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
901	CUFFY	A579	Category R/S airspace to Category R FIR TOC Point	30 NM	Nadi	Oakland Oceanic also accepts UPRs crossing the Nadi FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
902	DUNEY	G347	Category R/S airspace to Category R FIR TOC Point	30 NM	Auckland Oceanic	Oakland Oceanic also accepts UPRs crossing the Auckland Oceanic FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
903	WOOPY	B581	Category R/S airspace to Category R FIR TOC Point	30 NM	Auckland Oceanic	Oakland Oceanic also accepts UPRs crossing the Auckland Oceanic FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
904	ELMS	G457	Category R/S airspace to Category R FIR TOC Point	30 NM	Auckland Oceanic	Oakland Oceanic also accepts UPRs crossing the Auckland Oceanic FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
905	PASSA	B577	Category R/S airspace to Category R FIR TOC Point	30 NM	Auckland Oceanic	Oakland Oceanic also accepts UPRs crossing the Auckland Oceanic FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
906	RAMIZ	B596	Category R/S airspace to Category R FIR TOC Point	30 NM	Auckland Oceanic	Oakland Oceanic also accepts UPRs crossing the Auckland Oceanic FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
907	TENOR	B595	Category R/S airspace to Category R FIR TOC Point	30 NM	Tahiti	Oakland Oceanic also accepts UPRs crossing the Tahiti FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
908	BISOX	B200	Category R/S airspace to Category R FIR TOC Point	30 NM	Tahiti	Oakland Oceanic also accepts UPRs crossing the Tahiti FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
909	UPNAR	B454	Category R/S airspace to Category R FIR TOC Point	30 NM	Tahiti	Oakland Oceanic also accepts UPRs crossing the Tahiti FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
910	MAEVA	A220	Category R/S airspace to Category R FIR TOC Point	30 NM	Tahiti	Oakland Oceanic also accepts UPRs crossing the Tahiti FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
911	WIBIG	G575	Category R/S airspace to Category R FIR TOC Point	30 NM	Tahiti	Oakland Oceanic also accepts UPRs crossing the Tahiti FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
912	Random crossing Points	UPRs	Category R/S airspace to Category R FIR TOC Point	30 NM	Mazatlan FIR	There are no routes that cross the Oakland/Mazatlan FIR boundary. Oakland Oceanic accepts UPRs crossing the FIR Boundary with the 30 NM separation.		USA, Oakland Oceanic	Compliant
913	FICKY	R578,B581, B577,B200, B454,G575	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Los Angeles FIR	Not Provided		USA, Oakland Oceanic	Compliant
914	ELKEY	R577	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Los Angeles FIR	Not Provided		USA, Oakland Oceanic	Compliant
915	DINTY	R576	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Los Angeles FIR	Not Provided		USA, Oakland Oceanic	Compliant
916	AUDIA	R585	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Los Angeles FIR	Not Provided		USA, Oakland Oceanic	Compliant
917	MAFIC	A220	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Oakland Domestic FIR	Not Provided		USA, Oakland Oceanic	Compliant
918	CREAN	R465	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Oakland Domestic FIR	Not Provided		USA, Oakland Oceanic	Compliant
919	BAART	R464	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Oakland Domestic FIR	Not Provided		USA, Oakland Oceanic	Compliant

S/No.	TOC Points	ATS Routes	Category of Airspace to FIR TOC Point (Inbound only)	Minimum horizontal separation standard	Inbound Transferring FIR	Auto hand-off surveillance data-sharing overlapping coverage at the TOC point : Yes or No	Remarks/Route Restrictions	Accepting FIR	Seamless ANS Plan compliance?
920	ALLBE	R463	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Oakland Domestic FIR	Not Provided		USA, Oakland Oceanic	Compliant
921	Random crossing Points	UPRs	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Oakland Domestic FIR	There are many waypoints north of the CEP Routes where aircraft utilize UPRs and flexible tracks crossing the FIR. Oakland accepts the 30 NM minima for these UPRs and Flexible Tracks.		USA, Oakland Oceanic	Compliant
922	Random crossing Points	UPRs	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Seattle FIR	There are many waypoints on the Seattle FIR boundary where aircraft utilize UPRs and flexible tracks crossing the FIR. Oakland accepts the 30 NM minima for these UPRs and Flexible Tracks.		USA, Oakland Oceanic	Compliant
923	HEMLO	A332	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Seattle FIR	Not Provided		USA, Oakland Oceanic	Compliant
924	SEDAR	A331	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Seattle FIR	Not Provided		USA, Oakland Oceanic	Compliant
925	KYLLE	B453	Category R/S airspace to Category R FIR TOC Point	23 NM Lateral and 30 NM Longitudinal	Seattle FIR	Not Provided		USA, Oakland Oceanic	Compliant
926	KURTT	B453	Category R/S airspace to Category R FIR TOC Point	30 NM	Vancouver FIR	Not Provided		USA, Oakland Oceanic	Compliant
927	Random crossing Points	UPRs	Category R/S airspace to Category R FIR TOC Point	30 NM	Vancouver FIR	There are many waypoints on the Vancouver FIR boundary where aircraft utilize UPRs and flexible tracks crossing the FIR. Oakland accepts the 30 NM minima for these UPRs and Flexible Tracks.		USA, Oakland Oceanic	Compliant
928	LEKOB	N639/B329	Category S airspace to Category S FIR TOC Point	30 NM	Phnom Penh	No		Lao PDR, Vientiane	not compliant
929	NILIS	R575	Category S airspace to Category S FIR TOC Point	30 NM	Phnom Penh	No		Lao PDR, Vientiane	not compliant
930	PAK	B202	Category S airspace to Category S FIR TOC Point	30 NM	Bangkok	No		Lao PDR, Vientiane	not compliant
931	BUTRA	A1	Category S airspace to Category S FIR TOC Point	30 NM	Bangkok	No		Lao PDR, Vientiane	not compliant
932	SAV	A202	Category S airspace to Category S FIR TOC Point	30 NM	Bangkok	No		Lao PDR, Vientiane	not compliant
933	VTN	R474	Category S airspace to Category S FIR TOC Point	30 NM	Bangkok	No		Lao PDR, Vientiane	not compliant
934	YAKUA	B346	Category S airspace to Category S FIR TOC Point	30 NM	Bangkok	No		Lao PDR, Vientiane	not compliant
935	ANBOK	R207	Category S airspace to Category S FIR TOC Point	30 NM	Bangkok	No		Lao PDR, Vientiane	not compliant
936	TOMIP	R15	Category S airspace to Category S FIR TOC Point	30 NM	Bangkok	No		Lao PDR, Vientiane	not compliant
937	PONUUK	A581	Category S airspace to Category S FIR TOC Point	30 NM	Bangkok	No		Lao PDR, Vientiane	not compliant
938	AKSAG	B465/B214	Category R/S airspace to Category R FIR TOC Point	10 minute	Yangon	No		Lao PDR, Vientiane	not compliant
939	SASAG	B218	Category S airspace to Category S FIR TOC Point	30 NM	Kunming	No		Lao PDR, Vientiane	not compliant
940	LADON	B214	Category S airspace to Category S FIR TOC Point	30 NM	Hanoi	No		Lao PDR, Vientiane	not compliant
941	LAPON	B465	Category S airspace to Category S FIR TOC Point	30 NM	Hanoi	No		Lao PDR, Vientiane	not compliant
942	LAVOS	R474	Category S airspace to Category S FIR TOC Point	30 NM	Hanoi	No		Lao PDR, Vientiane	not compliant
943	NALAO	A206	Category S airspace to Category S FIR TOC Point	30 NM	Hanoi	No		Lao PDR, Vientiane	not compliant
944	TORED	R335	Category S airspace to Category S FIR TOC Point	30 NM	Hanoi	No		Lao PDR, Vientiane	not compliant
945	VILAO	A202	Category S airspace to Category S FIR TOC Point	30 NM	Hanoi	No		Lao PDR, Vientiane	not compliant
946	PAPRA	A1	Category S airspace to Category S FIR TOC Point	30 NM	Hanoi	No		Lao PDR, Vientiane	not compliant
947	BOMPA	B202	Category S airspace to Category S FIR TOC Point	30 NM	Ho chi minh	No		Lao PDR, Vientiane	not compliant