



ICAO

International Civil Aviation Organization

Sixteenth Meeting of the ICAO Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/16)

Video Teleconference, 07 – 11 June 2021

Agenda Item 5: AIS-AIM Updates

ICARD AND 5LNC STATUS IN VIET NAM

(Presented by Viet Nam)

SUMMARY

This paper presents the status of ICARD and 5LNC status in Viet Nam.

1. INTRODUCTION

1.1 ICAO requested APAC Administrations to review and maintain APAC 5LNC Status provided in **WP/06 Attachment B of AAITF/15**.

1.2 Viet Nam has reviewed its duplicated 5LNCs and updated the resolution accordingly.

2. DISCUSSION

Review and update APAC 5LNC Status (AAITF/15 WP/06 Attachment B)

2.1 Viet Nam has reviewed 64 duplicated 5LNCs provided by ICAO at AAITF/15 as follows:

STATUS OF DUPLICATED 5LNCs		PROPOSED CORRECTIVE ACTION
5LNCs currently used by Viet Nam with priority allocated to Viet Nam	9	No action required
5LNCs currently used by Viet Nam with priority allocated to other States	42	Choose new 5LNCs and register in ICARD
5LNCs currently used by Viet Nam with priority to be determined	4	Discuss with concerned States or apply 5LNC Duplicate Resolution Rules to determine priority (expected by the end of 2021)
5LNCs currently not used by Viet Nam	8	Propose ICAO to remove these ones from 5LNC Status of Viet Nam
Completely resolved 5LNCs	1	No action required

2.2 Based on the review, Viet Nam has updated the 5LNC Status of Viet Nam in **Attachment A**. Detailed information of 64 duplicated 5LNCs is listed in **Attachment B**.

Current ICARD registration process of Viet Nam

2.3 Viet Nam has integrated ICARD related actions in its ATS routes and flight procedures design process in order to comply with ICAO requirements.

2.4 In the upcoming time, Viet Nam will keep reviewing its 5LNC status and make a plan for the implementation of corrective actions in order to resolve all remaining duplicates timely and consistently.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

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

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Attachment A:

5LNC STATUS - VIET NAM

Date: 19 May 2021

ICARD	Total number of 5LNCs	228
	Terminal Airspace (TA)	65
	En-route (ENR)	71
	FIR	21
	Other	1
	No Purpose	70
	No Coordinates	9

Duplicated 5LNCs	Total number of duplicated 5LNCs	64
	Priority allocated to Viet Nam	9
	Priority allocated to other States	42
	Priority to be determined	4
	Resolving	8
	Completely resolved 5LNCs	1

Priority allocated to Viet Nam

5LNC	States	Priority	Within 1000NM
CONDA	2 Viet Nam, Cambodia	Viet Nam	Yes
DONGI	2 Viet Nam, Brazil	Viet Nam	No
KARAN	3 China, Viet Nam, Indonesia	Viet Nam	Yes
LATOM	2 Viet Nam, Australia	Viet Nam	No
LEDUP	2 Viet Nam, Maldives	Viet Nam	No
LITAM	2 Viet Nam, Burkina Faso	Viet Nam	No
SAMBO	3 Cambodia, Viet Nam, Japan	Viet Nam	Yes
SAMOG	2 Viet Nam, Nicaragua (COCESNA)	Viet Nam	No

Priority allocated to other States

5LNC	States	Priority	Within 1000NM
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ANTRI	2 Viet Nam, United States of America	United States of America	No
BALOV	2 Norway, Viet Nam	Norway	No
BANCO	2 United States of America, Viet Nam	United States of America	No
BANSA	2 Norway, Cambodia/Viet Nam (FIR boundary)	Norway	No
BANSU	3 Russian Federation, Japan, Viet Nam	Japan	No
BIBAN	2 Italy/Switzerland (FIR boundary), Viet Nam	Italy/Switzerland	No
BISON	6 China (2), Indonesia, Viet Nam, Australia, USA	United States of America	Yes
BITIS	2 Argentina, Viet Nam	Argentina	No
CAMRI	3 China (Macao), Viet Nam, United States of America,	United States of America	Yes
CANTO	4 USA, Hong Kong China, Republic of Korea, Viet Nam	United States of America	No
DAKAM	2 Fiji/New Zealand, Viet Nam	Fiji/New Zealand	No
DONMO	3 Viet Nam, United States of America, Lao PDR	United States of America	Yes
FINAM	2 Spain, Viet Nam	Spain	No
HALAN	2 United States of America, Viet Nam	United States of America	No
HOTEL	4 China, Viet Nam, Thailand, Canada	Canada. To be determined by the 5LNC Duplicate Resolution Rules if not used by Canada.	Yes
KADIM	3 Malaysia, India, Viet Nam	Malaysia	No
KANGU	2 Turkey, Viet Nam	Turkey	No
KANTA	2 Japan, Viet Nam	Japan	No
KASAK	2 Canada, Singapore/Viet Nam (FIR boundary)	Canada	No

LATHA	2	United States of America, Viet Nam	United States of America	No
LAVOS	2	Lao PDR/Viet Nam (FIR boundary), China	Lao People's Democratic Republic/Viet Nam	Yes
MADEN	3	Viet Nam, Panama, United States of America	United States of America	No
MALAY	5	United States of America, Myanmar, China, Viet Nam, Philippines	United States of America	Yes
MANGA	4	New Zealand, Philippines, Viet Nam, Colombia	Colombia	Yes
MAREL	2	Italy, Viet Nam	Italy	No
MISAN	2	Yemen, Viet Nam	Yemen	No
MOLAN	3	Mauritania, Côte d'Ivoire, Viet Nam	Mauritania	Yes
NAMBI	3	Brazil, Saudi Arabia, Viet Nam	Saudi Arabia	No
NITOM	2	Australia, Viet Nam	Australia	No
PANDI	3	Brazil, Indonesia, Indonesia/Viet Nam (FIR boundary)	Brazil	Yes
PATKA	2	India, Viet Nam	India	No
SOKAN	2	Jordan/Syrian Arab Republic (FIR boundary), Viet Nam	Jordan/Syrian Arab Republic	No
SONTA	2	Spain, Viet Nam	Spain	No
SUDON	2	Russian Federation, Viet Nam	Russian Federation	No
TALAP	2	Russian Federation, Viet Nam	Russian Federation	No
TAMDA	2	Belize (COCESNA), Viet Nam	Belize	No
TANGO	7	Spain, Syrian Arab Republic, Pakistan, India, Thailand, Lao Peopl	Spain	Yes
TANNA	2	United States of America, Viet Nam	United States of America	No
TANOS	2	Liberia/Sierra Leone/Guinea, Viet Nam	Liberia/Sierra Leone/Guinea	No
TINLY	2	United States of America, Viet Nam	United States of America	No
TOTRA	3	New Zealand, Lithuania, Viet Nam	Lithuania	No
TOTRI	2	United Kingdom, Cambodia/Viet Nam (FIR boundary)	United Kingdom	No
UVUNO	2	China, Viet Nam	China	Yes
VIMBU	2	Canada, Viet Nam	Canada	No
VINLO	2	Canada, Viet Nam	Canada	No
VITRA	2	Congo, Viet Nam	Congo	No
YANKI	2	United States of America, Viet Nam	United States of America	No
ZATON	3	Russian Federation, United States of America, Viet Nam	Russian Federation	No

Priority to be determined			
5LNC	States	Priority	Within 1000NM

BUNBO	2	Viet Nam, Indonesia	To be determined by the 5LNC Duplicate Resolution Rules	No
EKAGO	2	Singapore/Viet Nam (FIR boundary), Senegal	To be determined by the 5LNC Duplicate Resolution Rules	No
HOBIN	2	Republic of Korea, Viet Nam	To be determined by the 5LNC Duplicate Resolution Rules	No
LEEMA	2	Republic of Korea, Viet Nam	To be determined by the 5LNC Duplicate Resolution Rules	No
MULAN	2	Indonesia, Viet Nam	To be determined by the 5LNC Duplicate Resolution Rules	No
TONGA	2	Viet Nam, China	To be determined by the 5LNC Duplicate Resolution Rules	Yes
VANGA	2	Viet Nam, New Zealand	To be determined by the 5LNC Duplicate Resolution Rules	No

Resolving			
5LNC	States	Note	Within 1000NM

BANSA	2	Norway, Cambodia/Viet Nam (FIR boundary)	Viet Nam released	No
HOTEL	4	China, Viet Nam, Thailand, Canada	Viet Nam released	Yes
KASAK	2	Canada, Singapore/Viet Nam (FIR boundary)	Viet Nam released	No
PATKA	2	India, Viet Nam	Viet Nam released	No
TOTRI	2	United Kingdom, Cambodia/Viet Nam (FIR boundary)	Viet Nam released	No
UVUNO	2	China, Viet Nam	Viet Nam released	Yes
EKAGO	2	Singapore/Viet Nam (FIR boundary), Senegal	Viet Nam released	No

VANGA 2 Viet Nam, New Zealand

Viet Nam released

No

NO.	5LNC		States	Priority	Within 1000NM	Related ATS routes, airspace, flight procedures (in Viet Nam AIP & DAP)	Proposed corrective action	Note
1	ANTRI	2	Viet Nam, United States of America	United States of America	No	VVTS	Choose new 5LNCs and register in ICARD	
2	BALOV	2	Norway, Viet Nam	Norway	No	W10	Choose new 5LNCs and register in ICARD	
3	BANCO	2	United States of America, Viet Nam	United States of America	No	VVNB	Choose new 5LNCs and register in ICARD	
4	BANSU	3	Russian Federation, Japan, Viet Nam	Japan	No	W11, Q1	Choose new 5LNCs and register in ICARD	
5	BIBAN	2	Italy/Switzerland (FIR boundary), Viet Nam	Italy/Switzerland	No	L637	Choose new 5LNCs and register in ICARD	
6	BISON	6	China (2), Indonesia, Viet Nam, Australia, United States of America	United States of America	Yes	Q2, VVNB	Choose new 5LNCs and register in ICARD	
7	BITIS	2	Argentina, Viet Nam	Argentina	No	L637, VVTS	Choose new 5LNCs and register in ICARD	
8	CAMRI	3	China (Macao), Viet Nam, United States of America,	United States of America	Yes	VVPC	Choose new 5LNCs and register in ICARD	
9	CANTO	4	United States of America, Hong Kong China, Republic of Korea, Viet Nam	United States of America	No	VVCT	Choose new 5LNCs and register in ICARD	
10	DAKAM	2	Fiji/New Zealand, Viet Nam	Fiji/New Zealand	No	VVPK	Choose new 5LNCs and register in ICARD	
11	DONMO	3	Viet Nam, United States of America, Lao People's Democratic Republic	United States of America	Yes	VVNB	Choose new 5LNCs and register in ICARD	
12	FINAM	2	Spain, Viet Nam	Spain	No	VVNB	Choose new 5LNCs and register in ICARD	
13	HALAN	2	United States of America, Viet Nam	United States of America	No	VVNB	Choose new 5LNCs and register in ICARD	
14	KADIM	3	Malaysia, India, Viet Nam	Malaysia	No	A206, N639	Choose new 5LNCs and register in ICARD	
15	KANGU	2	Turkey, Viet Nam	Turkey	No	A1, VVDN	Choose new 5LNCs and register in ICARD	
16	KANTA	2	Japan, Viet Nam	Japan	No	W16, VVTS	Choose new 5LNCs and register in ICARD	
17	LATHA	2	United States of America, Viet Nam	United States of America	No	W9, L643, VVTS	Choose new 5LNCs and register in ICARD	
18	LAVOS	2	Lao People's Democratic Republic/Viet Nam (FIR boundary), China	Lao People's Democratic Republic/Viet Nam	Yes	R474	Choose new 5LNCs and register in ICARD	
19	MADEN	3	Viet Nam, Panama, United States of America	United States of America	No	VVPK	Choose new 5LNCs and register in ICARD	
20	MALAY	5	United States of America, Myanmar, China, Viet Nam, Philippines	United States of America	Yes	VVTS	Choose new 5LNCs and register in ICARD	
21	MANGA	4	New Zealand, Philippines, Viet Nam, Colombia	Colombia	Yes	VVDN	Choose new 5LNCs and register in ICARD	
22	MAREL	2	Italy, Viet Nam	Italy	No	W1, W20, Q1, Q4	Choose new 5LNCs and register in ICARD	

NO.	5LNC		States	Priority	Within 1000NM	Related ATS routes, airspace, flight procedures (in Viet Nam AIP & DAP)	Proposed corrective action	Note
23	MISAN	2	Yemen, Viet Nam	Yemen	No	VVTS	Choose new 5LNCs and register in ICARD	
24	MOLAN	3	Mauritania, Côte d'Ivoire, Viet Nam	Mauritania	Yes	VVBM	Choose new 5LNCs and register in ICARD	
25	NAMBI	3	Brazil, Saudi Arabia, Viet Nam	Saudi Arabia	No	VVPB	Choose new 5LNCs and register in ICARD	
26	NITOM	2	Australia, Viet Nam	Australia	No	Q15, M771, VVCR	Choose new 5LNCs and register in ICARD	
27	PANDI	3	Brazil, Indonesia, Indonesia/Viet Nam (FIR boundary)	Brazil	Yes	M765, N500	Choose new 5LNCs and register in ICARD	
28	SOKAN	2	Jordan/Syrian Arab Republic (FIR boundary), Viet Nam	Jordan/Syrian Arab Republic	No	VVTS	Choose new 5LNCs and register in ICARD	
29	SONTA	2	Spain, Viet Nam	Spain	No	VVNB	Choose new 5LNCs and register in ICARD	
30	SUDON	2	Russian Federation, Viet Nam	Russian Federation	No	VVNB	Choose new 5LNCs and register in ICARD	
31	TALAP	2	Russian Federation, Viet Nam	Russian Federation	No	VVPK	Choose new 5LNCs and register in ICARD	
32	TAMDA	2	Belize (COCESNA), Viet Nam	Belize	No	VVNB	Choose new 5LNCs and register in ICARD	
33	TANGO	7	Spain, Syrian Arab Republic, Pakistan, India, Thailand, Lao Peopl	Spain	Yes	VVBM	Choose new 5LNCs and register in ICARD	
34	TANNA	2	United States of America, Viet Nam	United States of America	No	VVDN	Choose new 5LNCs and register in ICARD	
35	TANOS	2	Liberia/Sierra Leone/Guinea, Viet Nam	Liberia/Sierra Leone/Guinea	No	VVTS	Choose new 5LNCs and register in ICARD	
36	TINLY	2	United States of America, Viet Nam	United States of America	No	VVNB	Choose new 5LNCs and register in ICARD	
37	TOTRA	3	New Zealand, Lithuania, Viet Nam	Lithuania	No	VVPQ	Choose new 5LNCs and register in ICARD	
38	VIMBU	2	Canada, Viet Nam	Canada	No	M510, W17, VVTS	Choose new 5LNCs and register in ICARD	
39	VINLO	2	Canada, Viet Nam	Canada	No	VVCT	Choose new 5LNCs and register in ICARD	
40	VITRA	2	Congo, Viet Nam	Congo	No	VVNB	Choose new 5LNCs and register in ICARD	
41	YANKI	2	United States of America, Viet Nam	United States of America	No	VVTS	Choose new 5LNCs and register in ICARD	
42	ZATON	3	Russian Federation, United States of America, Viet Nam	Russian Federation	No	VVDN	Choose new 5LNCs and register in ICARD	
43	BUNBO	2	Viet Nam, Indonesia	Viet Nam	No	VVNB	No action required	Indonesia volunteered to replace 5LNC. Viet Nam registered successfully in ICARD.
44	CONDA	2	Viet Nam, Cambodia	Viet Nam	Yes	W23	No action required	

NO.	5LNC		States	Priority	Within 1000NM	Related ATS routes, airspace, flight procedures (in Viet Nam AIP & DAP)	Proposed corrective action	Note
45	DONGI	2	Viet Nam, Brazil	Viet Nam	No	W2, A202	No action required	
46	KARAN	3	China, Viet Nam, Indonesia	Viet Nam	Yes	W2, L642	No action required	
47	LATOM	2	Viet Nam, Australia	Viet Nam	No	Q2	No action required	
48	LEDUP	2	Viet Nam, Maldives	Viet Nam	No	L644	No action required	
49	LITAM	2	Viet Nam, Burkina Faso	Viet Nam	No	W19	No action required	
50	SAMBO	3	Cambodia, Viet Nam, Japan	Viet Nam	Yes	VVDN	No action required	
51	SAMOG	2	Viet Nam, Nicaragua (COCESNA)	Viet Nam	No	N891	No action required	
52	VIDAD	2	Viet Nam, Malaysia	Viet Nam	No	W1, Q1, Q10	No action required	
53	BANSA	2	Norway, Cambodia/Viet Nam (FIR boundary)	Norway	No	Not used by Viet Nam	Propose ICAO to remove from 5LNCs Status table of Viet Nam	
54	EKAGO	2	Singapore/Viet Nam (FIR boundary), Senegal	To be determined by the 5LNC Duplicate Resolution Rules	No	Not used by Viet Nam	Propose ICAO to remove from 5LNCs Status table of Viet Nam	
55	HOTEL	4	China, Viet Nam, Thailand, Canada	Canada. To be determined by the 5LNC Duplicate Resolution Rules if not used by Canada.	Yes	Not used by Viet Nam	Propose ICAO to remove from 5LNCs Status table of Viet Nam	
56	PATKA	2	India, Viet Nam	India	No	Not used by Viet Nam	Propose ICAO to remove from 5LNCs Status table of Viet Nam	
57	TOTRI	2	United Kingdom, Cambodia/Viet Nam (FIR boundary)	United Kingdom	No	Not used by Viet Nam	Propose ICAO to remove from 5LNCs Status table of Viet Nam	
58	UVUNO	2	China, Viet Nam	China	Yes	Not used by Viet Nam	Propose ICAO to remove from 5LNCs Status table of Viet Nam	
59	VANGA	2	Viet Nam, New Zealand	To be determined by the 5LNC Duplicate Resolution Rules	No	Not used by Viet Nam	Propose ICAO to remove from 5LNCs Status table of Viet Nam	
60	KASAK	2	Canada, Singapore/Viet Nam (FIR boundary)	Canada	No	Not used by Viet Nam	Propose ICAO to remove from 5LNCs Status table of Viet Nam	
61	HOBIN	2	Republic of Korea, Viet Nam	To be determined by the 5LNC Duplicate Resolution Rules	No	VVNB	Discuss with concerned States or apply 5LNCs Duplicate Resolution Rules to determine priority	ICARD assigned to FAA
62	LEEMA	2	Republic of Korea, Viet Nam	To be determined by the 5LNC Duplicate Resolution Rules	No	VVTS	Discuss with concerned States or apply 5LNCs Duplicate Resolution Rules to determine priority	
63	MULAN	2	Indonesia, Viet Nam	To be determined by the 5LNC Duplicate Resolution Rules	No	VVTS	Discuss with concerned States or apply 5LNCs Duplicate Resolution Rules to determine priority	
64	TONGA	2	Viet Nam, China	To be determined by the 5LNC Duplicate Resolution Rules	Yes	VVNB	Discuss with concerned States or apply 5LNCs Duplicate Resolution Rules to determine priority	