

**ASEAN ATM Master Plan
- Harmonisation Plan-**

Section 1: ASEAN Wide-Harmonized Roadmap



ATS INTER-FACILITY DATA COMMUNICATION (AIDC)

State Name: Lao PDR

National Implementation

Target	To implement AIDC with Adjacent ACC using AIDC messages (ABI, EST, CDN, TOC, AOC)
	<ol style="list-style-type: none"> 1. Vientiane ACC and Hanoi ACC 2. Vientiane ACC and Phnom Penh ACC 3. Vientiane ACC and Bangkok ACC 4. Vientiane ACC and Yangon ACC
Stakeholders involved	DCAL, LANS
Challenges	<ul style="list-style-type: none"> - The state has to ensure all parties fully understand why transformation to using AIDC is needed and what the benefits are. - The competency and skill of ATC staffs are very significant for the transition from tradition voice coordination to AIDC. - System interoperability, Inconsistent system Flight Planning (Field 15 (route). - Difference between ATM systems provider AIDC versions.

National Milestone 1 (NM1):		AIDC connection between HaNoi ACC and Vientiane ACC			
LOA number	LOA	Stakeholders involved	Target completion date	Status	Progress
Activity 01		Technical test			
NM1.1	Kick off Meeting	DACL, LANS	2017	Completed	100%
NM1.2	Physical connection test	DACL, LANS	2017	Completed	100%
NM1.3	Message transmission test	DACL, LANS	6/2018	On going (late)	80%
Activity 02		Operational test			
NM2.1	Create testing operational procedure	DACL, LANS	TBD	Not Yet Started	0%
NM2.2	Testing operational procedure approval	DACL, LANS	TBD	Not Yet Started	0%
NM2.3	operational test	DACL, LANS	TBD	Not Yet Started	0%
Activity 03		Operational test			
NM3.1	Create operational procedure	DACL, LANS	TBD	Not Yet Started	0%
NM3.2	operational procedure approval	DACL, LANS	TBD	Not Yet Started	0%

NM3.3	Controller technical training	DACL, LANS	TBD	Not Yet Started	0%
NM3.4	Sign the Letter of Agreement (LOA) /Memorandum	DACL, LANS	TBD	Not Yet Started	0%
NM3.4	Operation	DACL, LANS	TBD	Not Yet Started	0%

National Milestone 2 (NM2):		AIDC connection between Phnom Penh ACC and Vientiane ACC			
LOA number	LOA	Stakeholders involved	Target completion date	Status	Progress
Activity 1 (Acti1):					
NM2.1.1	Kick off meeting	DACL, LANS	March/2017	Completed	100%
NM2.1.2	Physical connection test	DACL, LANS	March/2017	Completed	100%
NM2.1.3	Message transmission test	DACL, LANS	March/2017	Completed	100%
Activity 2 (Acti2): Operation Test					
NM2.2.1	Create testing operation procedure	DACL, LANS	May/2017	Completed	100%
NM2.2.2	Testing operational procedure approved	DACL, LANS	May/2017	Completed	100%
NM2.2.3	First Operation test	DACL, LANS	10 Oct-31 Dec 2017	Completed	100%
NM2.2.4	Second Operation test	DACL, LANS	16 Sep-04 Dec 2019	On going	10%
Activity 3 (Acti3): Operation					
NM2.3.1	Create operation procedure	DACL, LANS	4Q/2019	Not Yet Started	0%
NM2.3.2	Operational procedure approved	DACL, LANS	4Q/2019	Not Yet Started	0%
NM2.3.3	Operation Technical	DACL, LANS	4Q /2019	Not Yet	0%

	Training			Started	
NM2.3.4	Sign the Letter of Agreement (LOA)/Memorandum	DACL, LANS	18-20 Nov 2019	Not Yet Started	0%
NM2.3.5	Implementation	DACL, LANS	05 Dec 2019	Not Yet Started	0%

National Milestone 3 (NM3):		AIDC connection between Bangkok ACC and Vientiane ACC			
LOA number	LOA	Stakeholders involved	Target completion date	Status	Progress
NM3 Phase 1 (ABI, EST & ACP)					
NM3.1.1	DATASET configuration	DACL, LANS	March 2019	Done	100%
NM3.1.2	Technical Test	DACL, LANS	March 2019	Done	100%
NM3.1.3	Training	DACL, LANS	June 2019	Done	100%
NM3.1.4	Operational Trial	DACL, LANS	Aug 2019	On going	95%
NM3.1.5	Implementation	DACL, LANS	2Q2020	Planned	0%
NM3 Phase 2 (TOC & AOC)					
NM3.2.1	DATASET configuration	DACL, LANS	Oct 2019	Planned	0%
NM3.2.2	Technical Test	DACL, LANS	2Q2020	Planned	0%
NM3.2.3	Training	DACL, LANS	2Q2020	Planned	0%
NM3.2.4	Operational Trial	DACL, LANS	2Q2020	Planned	0%

National Milestone 4 (NM4):		AIDC connection between Yangon ACC and Vientiane ACC			
LOA number	LOA	Stakeholders involved	Target completion date	Status	Progress
NM4 Phase 1 (ABI, EST & ACP)					
NM4.1.1	DATASET configuration	DACL, LANS	Jan 2020	Planned	0%
NM4.1.2	Technical Test	DACL, LANS	Jan 2020	Planned	0%
NM4.1.3	Operational Trial	DACL, LANS	1Q2020	Planned	0%
NM4.1.4	Implementation	DACL, LANS	2Q2020	Planned	0%
NM4 Phase 2 (TOC & AOC)					
NM4.2.1	DATASET configuration	DACL, LANS	2Q2020	Planned	0%
NM4.2.2	Technical Test	DACL, LANS	2Q2020	Planned	0%
NM4.2.3	Training	DACL, LANS	2Q2020	Planned	0%
NM4.2.4	Operational Trial	DACL, LANS	3Q2020	Planned	0%