



ICAO

*International Civil Aviation Organization***The Seventh Meeting of System Wide Information Management Task Force (SWIM TF/7)***Bangkok, Thailand, 09 – 12 May 2023*

Agenda Item 3: Updates on the assigned tasks by task leads/contributors including progress report and issues

c) Technical Architecture

- Task 4: Development and Maintenance of Regional Information Exchange Models

USE OF FIXM VERSION 4.2 CORE TO SUPPORT CROSS-BORDER ATFM INFORMATION EXCHANGE IN ASIA/PACIFIC REGION

(Presented by Thailand)

SUMMARY

This flimsy presents the supplement to SWIM TF/7 WP/16 in regard to the use of FIXM version 4.2 Core to support cross-border ATFM information exchange in the Asia/Pacific region.

1. INTRODUCTION

1.1 As discussed in SWIM TF/7 WP/16 that the exchange of some data attributes originally included in the Asia/Pacific FIXM version 4.1 Extension can be supported by the FIXM version 4.2 Core, this flimsy provides the details of specific FIXM version 4.2 Core data attributes proposed to be used for this purpose.

2. DISCUSSION

2.1 Appendix A shows the specific data attributes of the FIXM version 4.2 Core proposed to be used to support the cross-border ATFM information exchange in the Asia/Pacific region.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) discuss the proposal on the use of FIXM version 4.2 Core together with the FIXM version 4.2 Extension as proposed in SWIM TF/7 WP/16 to support cross-border ATFM information exchange; and
- c) discuss any relevant matter as appropriate

Appendix A

FIXM version 4.2 Core Data Attributes to Support Cross-Border ATFM Information Exchange

Data Attribute	FIXM version 4.2 Core
ETO (Estimated Time Over)	RouteTrajectoryElementType.point4D.time RouteTrajectoryElementType.elementStartPoint
ELDT (Estimated Landing Time)	RouteTrajectoryElementType.point4D.time RouteTrajectoryElementType.point4D.pointProperty.propertyType = WHEELS_ON
CTOT (Calculated Take-Off Time)	RouteTrajectoryElementType.constraint.time.timeSpecification.timeValue RouteTrajectoryElementType.point4D.pointProperty.propertyType = WHEELS_OFF
CTO (Calculated Time Over)	RouteTrajectoryElementType.constraint.time.timeSpecification.timeValue RouteTrajectoryElementType.elementStartPoint
CLDT (Calculated Landing Time)	RouteTrajectoryElementType.constraint.time.timeSpecification.timeValue RouteTrajectoryElementType.point4D.pointProperty.propertyType = WHEELS_ON
EIBT (Estimated In-Block Time)	RouteTrajectoryElementType.point4D.time RouteTrajectoryElementType.point4D.pointProperty.propertyType = END_STAY RouteTrajectoryElementType.elementStartPoint.aerodromReferencePoint.locationIndicator = ArrivalType.arrivalAerodrome.locationIndicator