

# AMHS To SWIM Transition Task Force (AST TF)

AST TF/07 meeting

21st to 24th April 2026

Hosted by Croatia Control



**INTERNATIONAL  
CIVIL AVIATION  
ORGANIZATION**



# **AFS to SWIM Transition Task Force (AST TF)**

## **SEVENTH MEETING**

*(Dubrovnik, Croatia, 21-24 April 2026)*

## **AMHS SECURITY WORKSHOP**

*(Dubrovnik, 21 April 2026)*



European and North Atlantic Office



# Copperchase AMHS Security Demo

## AMHS message signature

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## Copperchase AMHS Security Demo

### What the Demo will cover?

- An example of submission by a User Agent of a signed AMHS message
- An example of reception by a User Agent of an AMHS message signed by another User Agent
- (Time permitting) An example of an AMHS message signed by the MTCU



## Copperchase AMHS Security Demo

### Software used for the demo

- Isode M-Switch pre-release R19.2 – The X.400 MTA and X.400 Message Store
- Copperchase AMHS Terminal – An AMHS User agent
- Copperchase AFTN/AMHS Gateway – An MTCU to convert between AMHS and AFTN



## AFTN/AMHS Gateway

- The AFTN/AMHS Gateway converts messages from AFTN and AMHS and vice-versa
- It was used to convert AFTN messages to AMHS, which were signed by the AFTN/AMHS Gateway
- The AMHS Terminal can then be used to validate the signed AMHS messages

### **Current status:**

- The AMHS Terminal doesn't fully accept the validity of the AMHS messages signed by the MTCU
- The AFTN/AMHS Gateway doesn't validate the signature of received AMHS messages



DEMO



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# Thank You

