

# 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 Overall Demo

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## Copperchase AMHS Security Demo

### What the Demo will cover?

- An example of P3 Strong Bind by a User Agent and of P3 message submission of a signed AMHS message
- An example of reception by a P7 User Agent of an AMHS message signed by another User Agent
- An example of a signed AMHS message that fails to verify due to:
  - The CA that issued the UA certificate not being trusted
  - The UA certificate not corresponding to the UA's O/R address
  - The UA certificate having expired
  - Tampering with the message content
- (Time Permitting): Use of the Sodium CA tool to issue certificates



## 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
- Wireshark
- (Time Permitting): Use of the Sodium CA tool



DEMO



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# Thank You

