

Digital NOTAM Submission Work flow - Proposal

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October 12, 2007



Federal Aviation
Administration

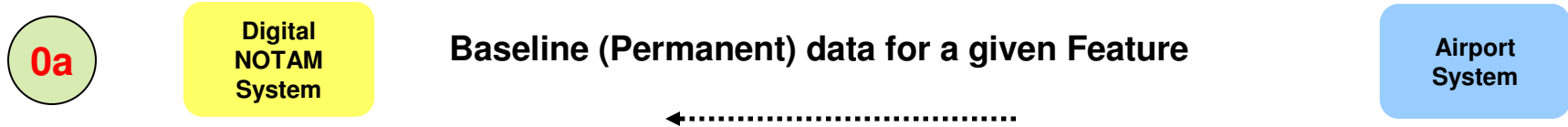


Objective

- **Develop workflow for submission of candidate NOTAMs to FAA's Digital NOTAM system using system interface**
- **Present a proposed approach**
- **Security aspects will not be discussed here**

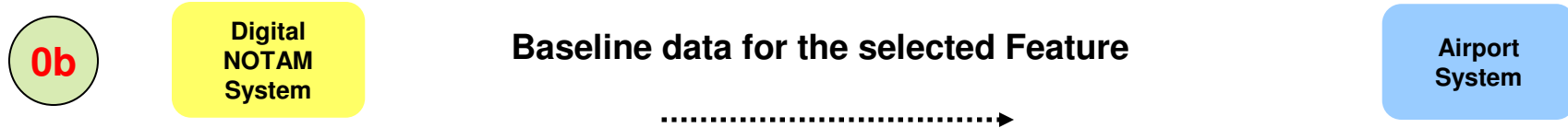


Request - Baseline



- **Optional Step**
- **AIXM message with empty elements that needs data**
- **Requires unique way to identify features**
 - **Example: Airport designator & Runway designator**

Response - Baseline



- **AIXM message with available baseline data**
- **Baseline data valid at the time the request was made**
- **Exception messages for invalid requests**

Request – Submission Preview



- **Optional Step**
- **AIXM message containing affected feature properties and other mandatory fields required to submit a temporary change**

Response – Submission Preview

1b

Digital
NOTAM
System

Response for Validation request

Airport
System



- **Successful response includes the translated outputs in Traditional, ICAO and Plain Language ?**
- **Submitted information will not be saved in the system**
- **Business validation or other exceptions will result in response with exception(s) encountered**

Request – Submission



- **Mandatory step for submitting NOTAMs**
- **Request will include AIXM message containing affected feature properties and other mandatory fields required to submit a temporary change**

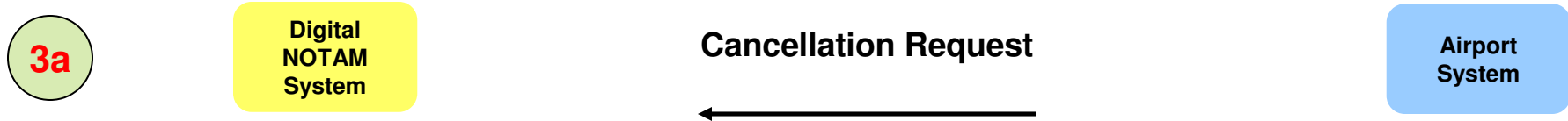
Response - Submission

2b



- **Successful response will include translated outputs in Traditional, ICAO and Plain Language**
- **Both a unique identifier and the NOTAM number issued by USNS for the successful transaction will be provided with the message**
- **Message will also include metadata like issue date**
- **Submitted & accepted requests will be saved in the system in “Active” status**
- **Business validation or other failures will result in response with exception(s) encountered requiring re-submission**

Request - Cancellation



- **AIXM message for canceling the temporary change**
- **Unique identifier associated with the temporary change should be provided as part of the message**

Response - Cancellation

3b

Digital
NOTAM
System

Cancellation Response



Airport
System

- **Successful response will include AIXM message containing cancellation date and time**
- **Business validation or other failures will result in response with exception(s) encountered**