

دولة قطر
State of Qatar



الهيئة العامة للطيران المدني
CIVIL AVIATION AUTHORITY
قطر QATAR

Online Data Interchange (OLDI)

Introduction

- On-Line Data Interchange (OLDI) is a protocol for co-ordination and transfer of current flight data between adjacent air traffic control units. Its development started in the 1990s in Europe.
- The main objective of applying OLDI for ATC purposes is:
 - To automate co-ordination and flight data information exchange between ATC units.
 - To ensure timely delivery of standard messages.

Benefits

- Indirect improvement of ATS system safety features (e.g. MTCD)
- Automation instead of voice coordination which Improves safety and reduces errors
- Reduce ATC workload and increases capacity
- improves situational awareness

Challenges

- States agreement
- Technical compatibility of the systems
- Connectivity (Service provider Connection)
- Regulatory requirements

OLDI Status with shared border States

EMIRATES

Pre-2009: Qatar and Emirates are connected through AFTN/AMHS and voice coordination

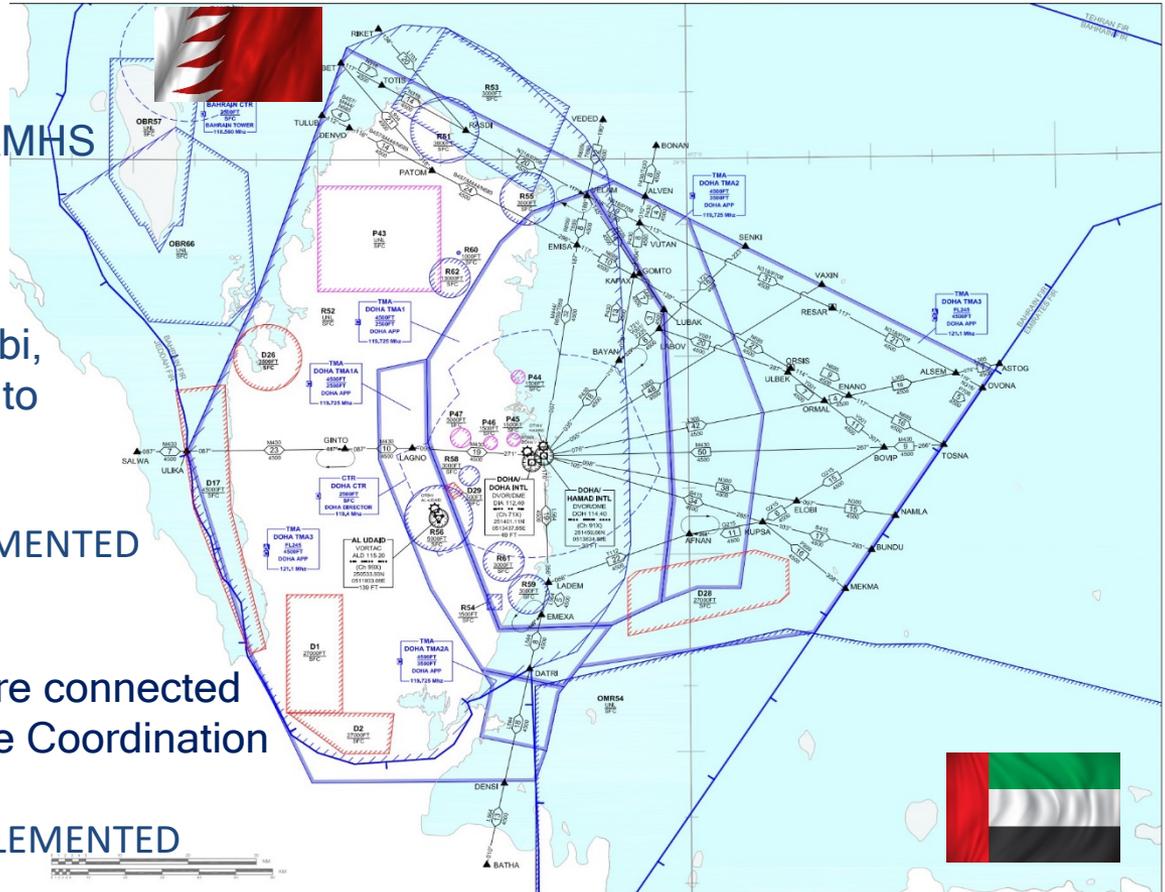
2010: Connected through OLDI client shared by Abu Dhabi, stand alone unit not connected to FDP (OLDI/voice coordination)

AUGUST 2022: OLDI FULLY IMPLEMENTED

BAHRAIN

Pre-2022: Qatar and Bahrain are connected through AFTN/AMHS and Voice Coordination

OCTOBER 2022 – OLDI FULLY IMPLEMENTED



OLDI Status with non shared border States



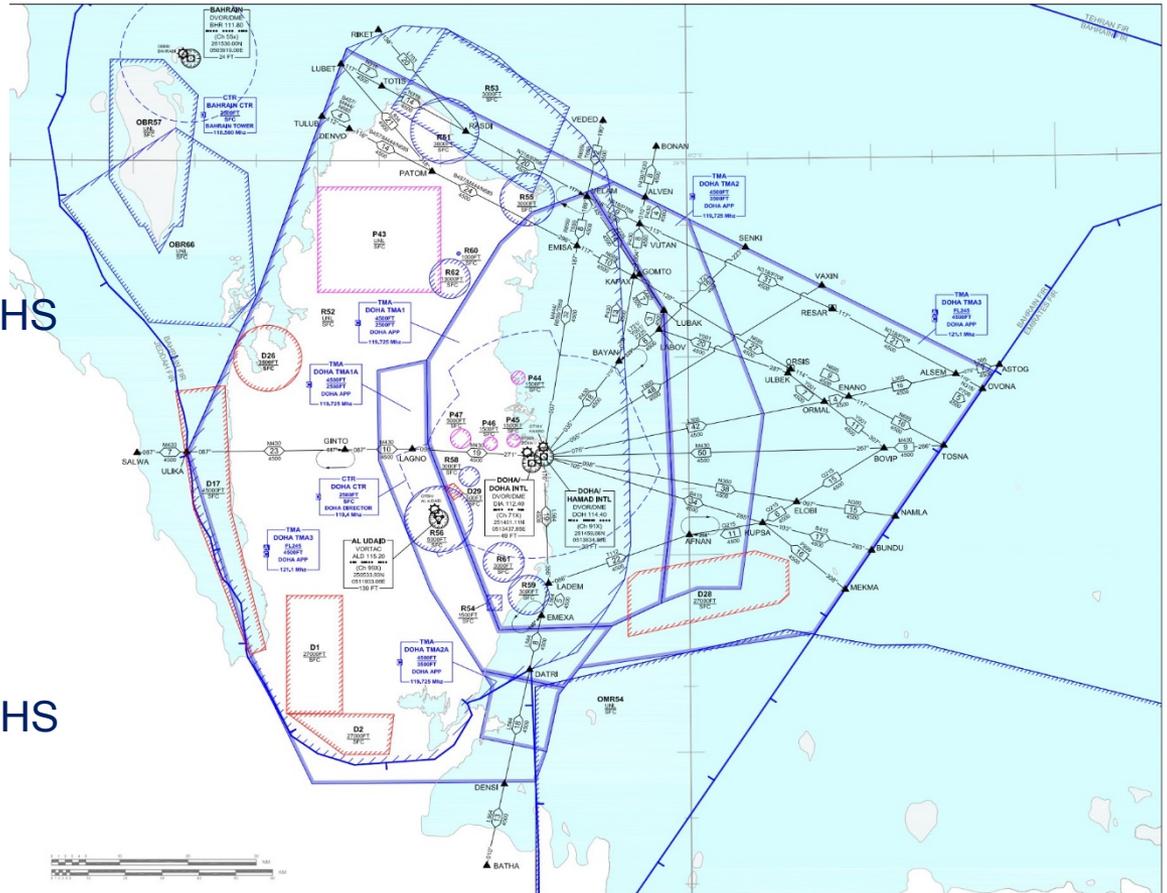
KUWAIT

2014: Qatar and Kuwait are connected through AFTN/AMHS



OMAN

2022: Qatar and Oman are connected through AFTN/AMHS



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