



Contingency Operations and Effects on ATM

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Airspace Avoidance

- Airlines continually evaluate airspace for safety, security and efficiency of which includes infrastructure capabilities, i.e. outages, NOTAMS etc. etc.
- A single or multitude of factors can determine airspace avoidance by one or many airlines.

Information exchange and predictability

- The value of timely information within aviation is a critical part of all stakeholder operations.
- Predictability adds a layer of safety.



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INTERNATIONAL CIVIL AVIATION ORGANIZATION

MIDDLE EAST AIR NAVIGATION PLANNING
AND IMPLEMENTATION REGIONAL GROUP
(MIDANPIRG)

MID REGION ATM CONTINGENCY PLAN

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CCT



- **Contingency:** is a plan devised for an outcome other than in the usual (expected) plan.
- **Coordination:** the organization of the different elements of a complex body or activity so as to enable them to work together effectively.
- **Team:** a group of individuals working together to achieve a goal.

MID CCT Process

- The ICAO Contingency Coordination Team (CCT) was introduced and endorsed by the MID-States at the Contingency SCM held in 2014, this meeting was attended by 12 states and IATA to deal with airspace avoidance and to identify a process to address such avoidance as the region had no centralized “command center or network manager”

The 5 W's

➤ What?

- common event understanding

➤ Why?

- Factors that have been evaluated

➤ Who?

- What stakeholders will be effected

➤ When?

- Time frames (short or long term)

➤ Where?

- Evaluating what options are available

Airspace Avoidance				
Airlines	Airline Actions	IATA Actions	ICAO MID Office	States/ ANSP
Monitor global activities that have an effect on flight operations. (currently in place)	NONE	NONE	NONE	NONE
Review state activity that requires airline safety and security review (currently in place)	Notify IATA as to effected FIR' and factors under review. (security and or safety)	When more than (30%) of airlines reporting, notify ICAO MID	Call for the Contingency Coordination Team (CCT)	NONE
Identify specific Factors and pending trigger events (currently in place)	inform IATA on review findings and possible trigger events	Inform CCT on findings and number of airlines reporting	Notify effected states/ANSP on number of airlines reviewing current activity	NONE
Event triggered: reviewing avoidance options and select avoidance scenario	Inform IATA of selected scenario and volume/initial timelines.	Inform CCT	Notify effected States/ANSP scenario and volume/timelines	Review scenario and give feedback on feasibility
48 Hours prior to activation of planned avoidance re-routes	Notify IATA	Notify CCT	Notify effected states/ANSP	Prepare NOTAMS and avoidance scenario
24 Hours prior to activation of planned avoidance re-routes	Notify IATA	Notify CCT	Notify effected states/ANSP	Publish NOTAMS

- To date the CCT process has been utilized for several types of events that effected the region with the cooperation of States, ICAO and Airlines.
- The value of collaborative information exchange has been invaluable during such events and continues to take lessons learned to enhance the process

WHAT IF?





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