

OPERATIONAL LETTER OF AGREEMENT

MIAMI AIR ROUTE TRAFFIC CONTROL CENTER
&
MIDCARIBBEAN FLIGHT INFORMATION REGION

SCOPE

This agreement is made by and between the MidCarib FIR of the VATCAR Division of the Americas Region of VATSIM (herein MDCS), and Miami ARTCC of the VATUSA Division of the Americas Region of VATSIM (herein ZMA) and is entered into by the current Facility Air Traffic Managers (herein ATM) of each facility.

PURPOSE

This Letter of Agreement establishes a set of agreed upon Air Traffic Control procedures between MDCS and ZMA. It defines the limitations and coordination expectations of both ATC facilities.

CANCELLATION

The terms of this LOA may be suspended only by agreement of both facility ATMs and the explicit approval of the governing agencies of VATCAR and VATUSA. This agreement cancels all prior agreements between MDCS and ZMA.

EFFECTIVE DATE

December 25th 2020.



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GENERAL CONTROL

TRANSFER OF CONTROL AND COMMUNICATION

Controllers of both facilities should initiate a radar handoff for aircraft which will enter the other's airspace no later than 10 NM from the airspace boundary. Unless otherwise coordinated, all aircraft shall be transferred between facilities in accordance with the fixes and altitudes specified in Table 1. The transfer of control point shall be the common airspace boundary, and the transfer of communications shall be completed before the aircraft crosses the airspace boundary. Aircraft entering Port Au Prince airspace shall have radar services terminated prior to transferring communications at the common airspace boundary.

SIMULATION RATE

Unless otherwise coordinated, aircraft shall be transferred between facilities at a real-time simulation rate. If an aircraft requesting an increase in simulation rate has been handed off, but has not yet left the transferring controller's airspace, the receiving controller shall not approve the change in simulation rate without first obtaining the transferring controller's approval.

ENROUTE SEPARATION

Controllers shall not issue changes of altitude, heading, or speed prior to the aircraft crossing the common airspace boundary, unless previous coordination has taken place. Same altitude aircraft on routes which are not laterally separated shall be delivered to the receiving facility at least 10 miles in trail, constant or increasing. If speeds must be assigned to achieve the in trail spacing, those speeds shall be coordinated with the receiving controller (either verbally or via scratchpads).

PREFERED ROUTING

MidCarib FIR need not assign STARs to airborne aircraft if Miami Oceanic (ZMO) airspace is staffed. MidCarib FIR shall ensure that aircraft departing within MDCS airspace are assigned the full preferred routing. Aircraft filed with airway routings that mirror the preferred routes need not be altered, unless specifically requested by Miami Oceanic (ZMO).



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TABLE 1 - BOUNDARY FIX UTILIZATION

FACILITY	BOUNDARY FIX	SOUTHBOUND	NORTHBOUND
MTEG	JOSES	ODD	EVEN
	BODLO	ODD	EVEN
	ALBBE	ODD	EVEN
	BOTES	EVEN	ODD
MDCS	RETAK	ODD	EVEN
	ONPAD	ODD	EVEN
	OSIDU	ODD	EVEN
	MALVN		EVEN
	JUELE	ODD	
	SEKAR	ODD	EVEN
	LERED		EVEN
	POKEG	EVEN	ODD
	ASIVO	ODD	EVEN



TABLE 2 - PREFERRED ROUTING TO ZMO

MIAMI ARTCC	
DESTINATION	ROUTE
KMIA +SAT	RETAK MADIZ FOWEE [FLIPR#/FOWEE#]
KFLL +SAT	MALVN ZQA ZBV [WAVUN#/DEKAL#]
MYNN +SAT	MALVN GEROT SEAN DCT
SATELLITE GROUPS	
KMIA	KTMB / KHST / X51 / 07FA
KFLL	KFXE / KOPF / KHWO / KPMP
MYNN	MYGF / MYAM / MYAT / MYEF / MYEH / MYEG / MYEM / MYER

TABLE 3 - PREFERRED ROUTING TO MDCS/MTEG

MIDCARIB FIR		
TMA	DESTINATION	ALT
CIBAO	MDPP/ MDST/ MDCY	AOB FL150
LAS AMERICAS	MDSD / MDJB / MDLR	AOB FL270
PUNTA CANA	MDPC	AOB FL270
PORT AU PRINCE	MTPP	AOB FL270
-----	MTCH	AOB FL150



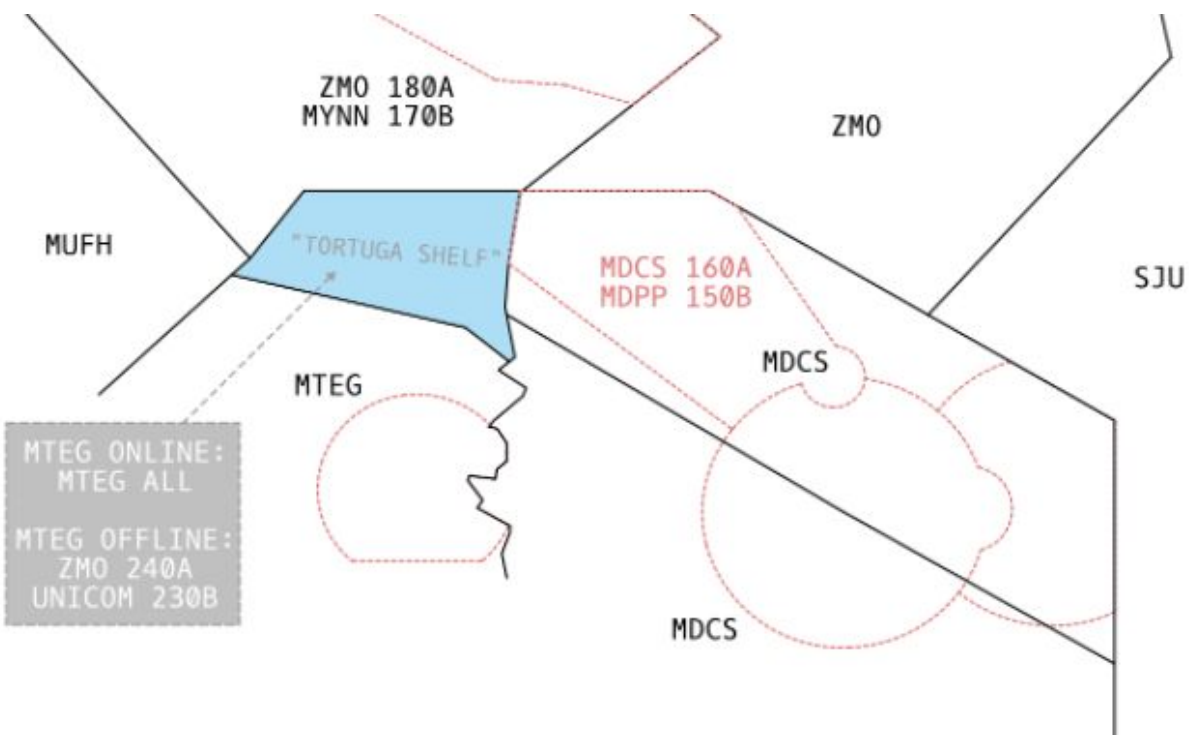
Tortuga Shelf

When Port Au Prince Center is offline, Miami Oceanic will gain control of the Tortuga Shelf at and above FL240, as depicted in Figure 1. When Port Au Prince Center is online, they retain control of the shelf at all altitudes.

Tortuga Shelf Coordinates:

N019.23.24.000 W071.42.00.000 N019.21.45.834 W071.44.02.707
N019.21.45.834 W071.44.02.707 N019.34.22.563 W072.00.22.291
N019.34.22.563 W072.00.22.291 N019.53.47.120 W073.26.54.310
N019.53.47.120 W073.26.54.310 N020.00.00.000 W073.19.59.999
N020.00.00.000 W073.19.59.999 N020.25.00.000 W073.00.00.000
N020.25.00.000 W073.00.00.000 N020.25.00.000 W072.00.42.748
N020.25.00.000 W072.00.42.748 N020.25.00.000 W071.40.00.000
N020.25.00.000 W071.40.00.000 N019.58.05.100 W071.44.20.000
N019.58.05.100 W071.44.20.000 N019.41.59.999 W071.45.36.000
N019.41.59.999 W071.45.36.000 N019.39.10.410 W071.45.03.104
N019.39.10.410 W071.45.03.104 N019.23.24.000 W071.42.00.000

FIGURE 1 - Tortuga Shelf



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AUTHORIZING SIGNATURES

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