



International Civil Aviation Organization

NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN OFFICE

Twenty-Ninth Eastern Caribbean Working Group Meeting (29 E/CAR WG)

Saint Vincent and the Grenadines, 9 to 13 May 2005

29 E/CAR WG – WP/19

02/05/05

Agenda Item 3

Specific Air Navigation Activities and Developments

3.6 Communications, Navigation and Surveillance (CNS)

CONTINUATION OF RADAR PROJECTS IN THE E/CAR

(Presented by France)

SUMMARY

This WP reminds the main conclusions of the RSTF/3 about the data transmission for radar projects in the E/CAR and proposes to take appropriate actions so that these projects will not be affected by the changes in the handling of the new Fame Relay telecommunication network.

Annexes: **5 tables describing the architecture of the Frame Relay network**

1. Introduction

The 3rd E/CAR Radar Sharing Task Force (RSTF/3) took place in Port of Spain the 18th and 19th of October 2004. Its achievements were reviewed by the special E/CAR CNS meeting that just followed it (20th – 22nd of October 2004, same location) and later endorsed by the 19th DCA meeting that took place in Barbados from the 6th to the 9th of December 2004.

2. Discussion

2.1 At the last RSTF/3, the participants and specially the C&W engineers talking as experts of former IACL and the French data transmission and radar engineers, presented to the meeting a network construction satisfying the needs of the projects. These projects are annexed to this WP. A planning of trials was adopted which supposes that the network provider supplies the parties with the exact replica of the final network.

2.2 According that TTCAA/CANAS (Caribbean Air Navigation and Advisory Services Ltd) has taken over the technical activities of IACL, clarification must be done on the new partnership to install and agreement must be reached on the configuration of the future network, as described in the annexes to this WP extracted from the report of the RSTF/3.

2.3 Furthermore, concerning the remoting of DACOTA to St Lucia, the feeding of the equipment in George Charles and Hewanorra was supposed to be done via the E/Car network. Questions exist today about the links reaching George Charles.

3. Proposed action

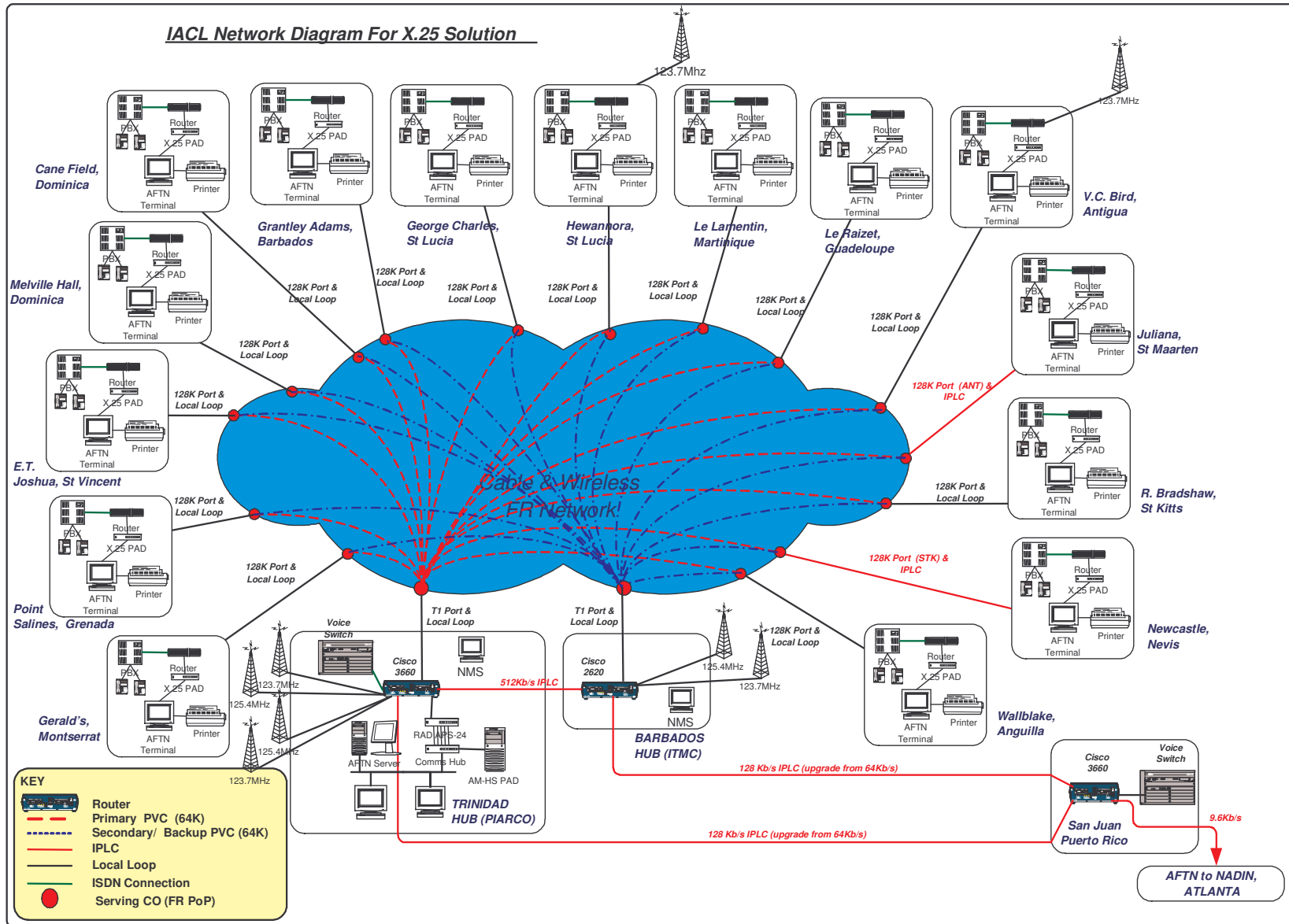
That,

- a) TTCAA/CANAS starts discussion with the French partners to finalize the trial development; and
- b) OECS and TTCAA/CANAS clarify the transport of data solution toward G Charles.

IACL FRAME RELAY NETWORK

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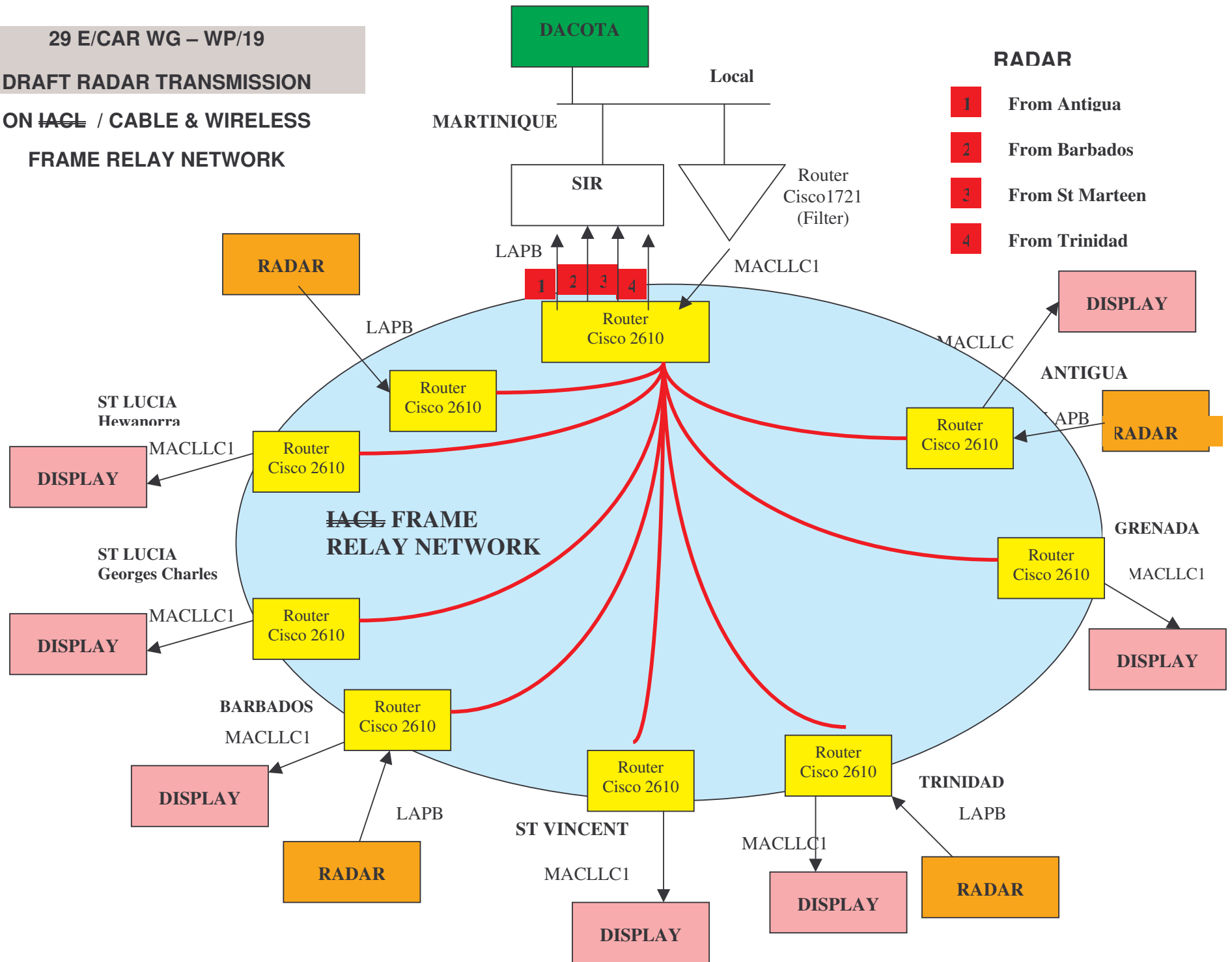
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DRAFT RADAR TRANSMISSION

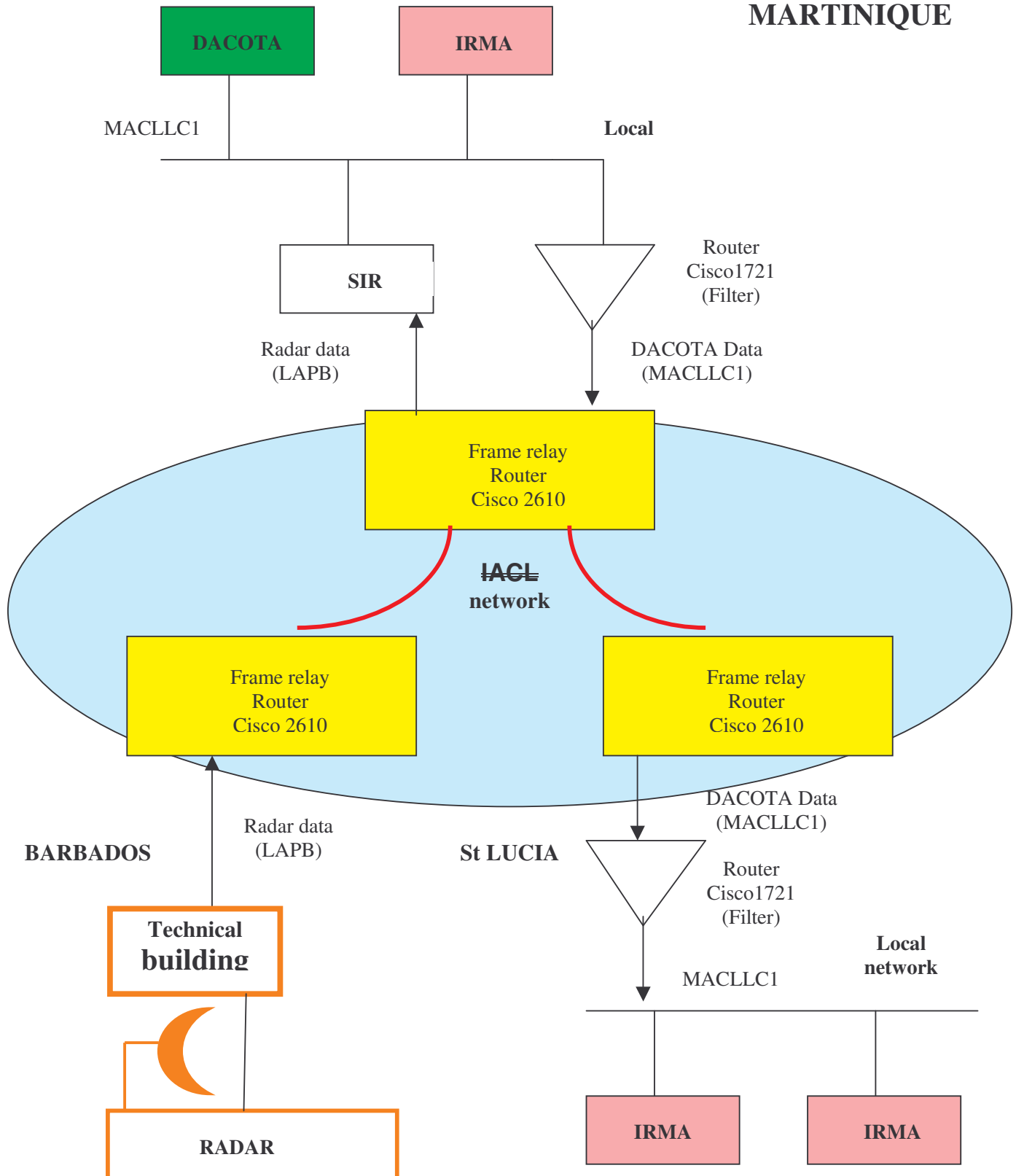
ON IACL / CABLE & WIRELESS

FRAME RELAY NETWORK

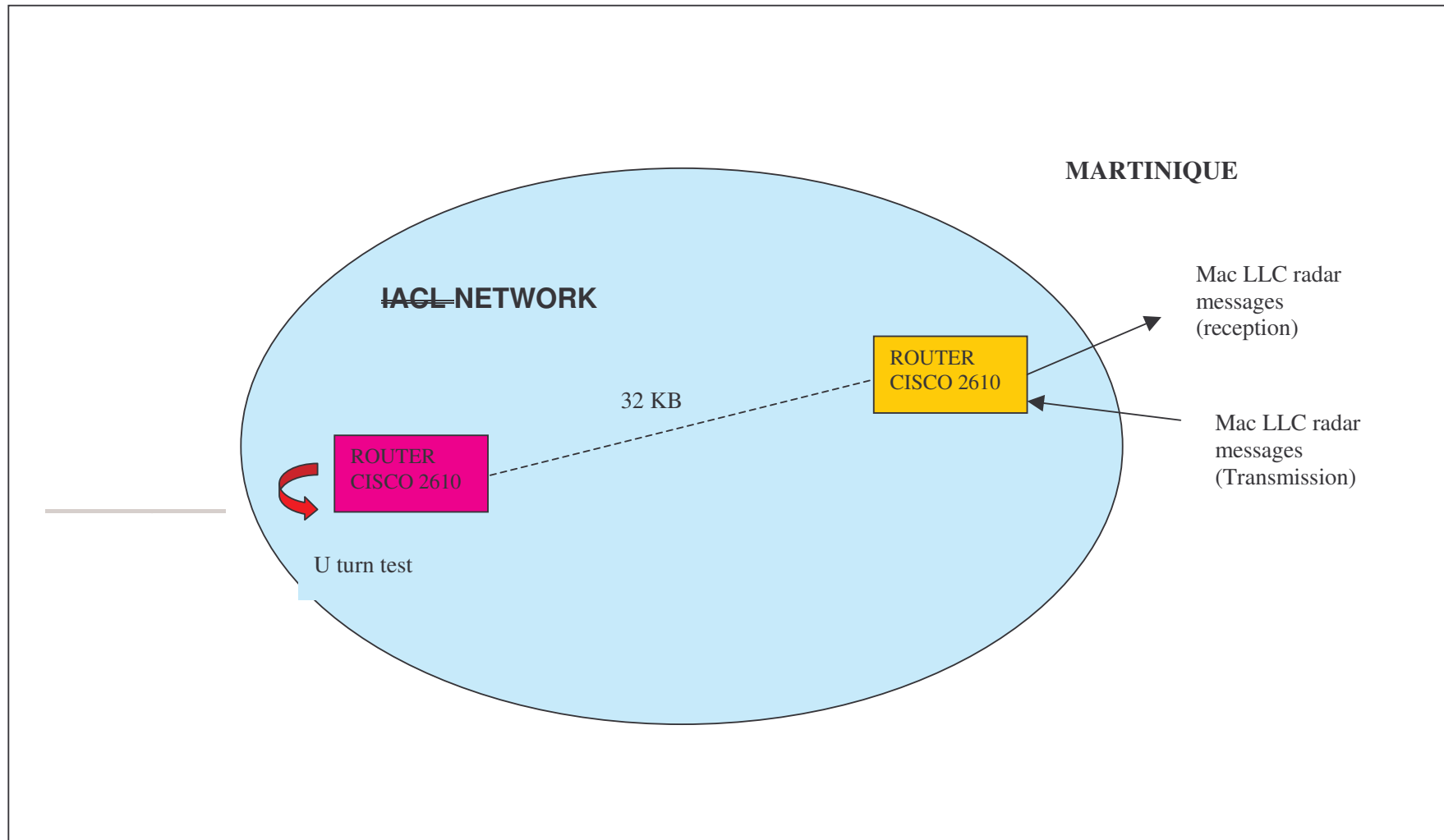


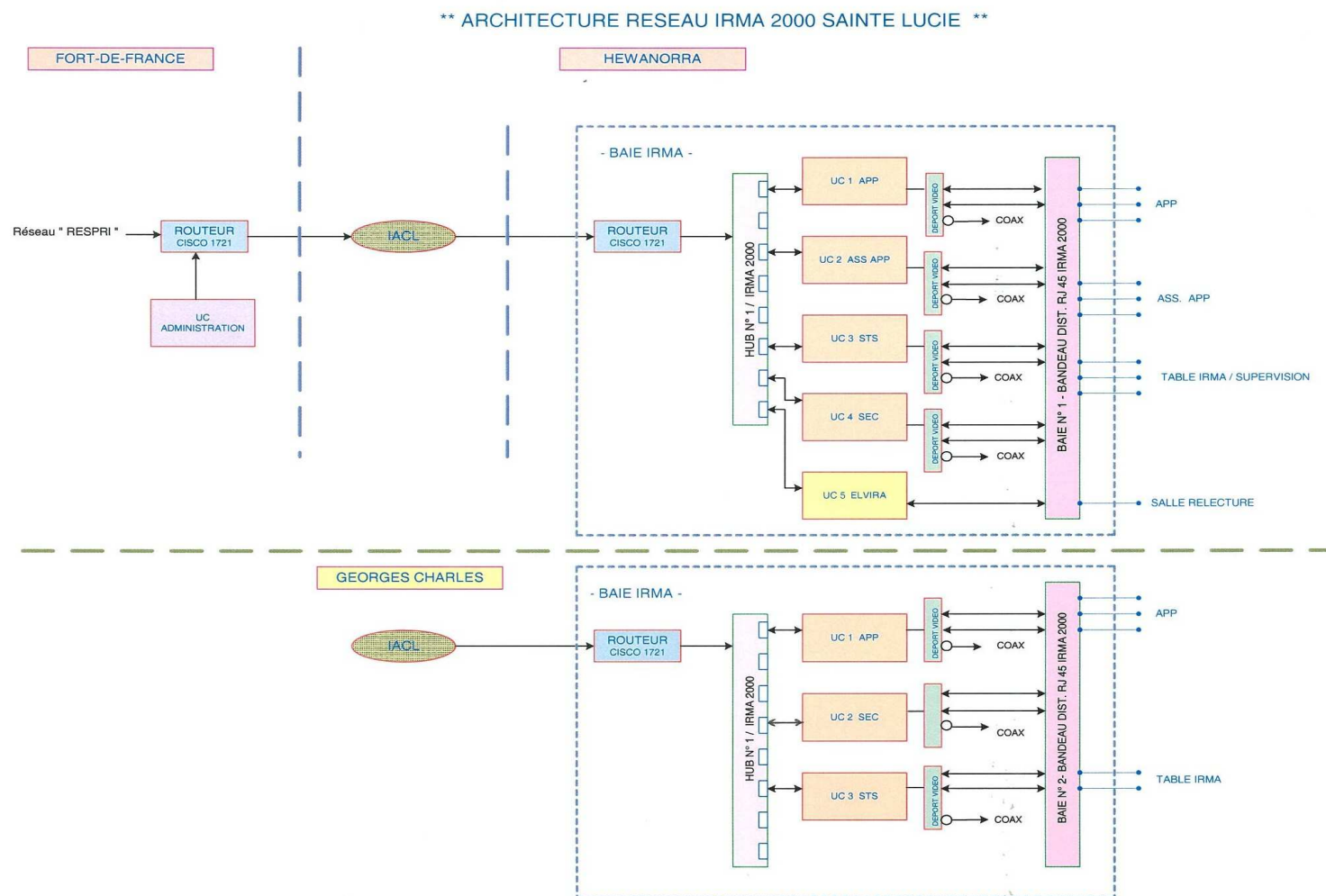
DRAFT RADAR DATA INTEGRATION / DACOTA DATA TRANSMISSION

MARTINIQUE



DRAFT STE LUCIA RADAR REMOTING / NETWORK CONFIGURATION TEST





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