



Executive Report

1. Place and duration

The Advance Course of the REDDIG Operations was conducted from 13 to 16 June 2017 at the facilities of the Sección de Instrucción y Actualización Técnica (SIAT), Cuarto Centro Integrado de Defensa Aérea y Control del Tránsito Aéreo (CINDACTA IV), Manaus, Brazil.

2. Opening ceremony

Colonel Engineer José Braga Paim, Departamento de Control del Espacio Aéreo (DECEA), welcomed the participants and highlighted the importance in the training of the technical personnel working in the civil aviation field.

3. Instructor

The Course was dictated by Mr. Luis Alejos, REDDIG Administrator.

4. Language of the course

The Course was dictated in Spanish, with simultaneous interpretation services into English.

5. Contents of the course

The contents of the Course are found in **Appendix A**. In addition, the participants were delivered with a digital version of its contents, as well as with supplementary electronic documentation.

6. Participants

The Course counted with the participation of 36 delegates from Argentina, Brazil, Chile, Colombia, Ecuador, Guyana, Paraguay, Peru, Suriname, Trinidad & Tobago and Venezuela. The list of participants is in **Appendix B**.

APPENDIX A

CONTENTS

1. Architecture

- Satellite network
- Support ground network
- Plan for Addressing IP (Global and domestic)

2. RF Equipment

- IBUC + LNB
- Redundancy
- Supervision/Configuration via HHT, TCP/IP (Web) and Telnet

3. Modem Skywan

- Model 7000
- Model 1070
- Access via “LineUp Manager”
 - Software Upload
 - Set Parameters
 - Tests
 - Operations
 - Monitoring Screens
 - Log Files
- Performance, analysis of parameters

4. Ethernet Switch Netgear

5. Router Cisco

- Interfaces
- VRRP redundancy protocol
- OSPF routing protocol
- VLANs
- Commands on line
- Interfaces monitoring
- Settings

6. Baseband Commuter (RSS) and “Patch Panel”

7. NMS – WhatsUp Gold

- NMS Central Server
- NMS Remote Server (Local)
- Web access
- Modules and displays
- Monitors
 - Active Monitor
 - Performance Monitor
- Alarms

APENDICE B / APPENDICE B

LISTA DE PARTICIPANTES / LIST OF PARTICIPANTS

NOMBRE/NAME	ESTADO/STATE	E-MAIL/CORREO-E
Cristian Javier Vittor	Argentina	javiervittor@gmail.com
Hernan Jose Antonio Aguirre	Argentina	haguirre@eana.com.ar
Hernan Gabriel Canna	Argentina	hcanna@eana.com.ar
Jefferson M. Cheron	Brasil	jeffersonjmc@cindacta2.gov.br
Aguinaldo Brazil Da Motta	Brasil	aguinaldoabm@gmail.com
Thiago De Melo Maia	Brasil	thiagomaiatmm@gmail.com
Einar Vogt Filho	Brasil	vogtevf@cindacta2.gov.br
José Alexandre De Albuquerque	Brasil	joseaalbuquerque@gmail.com
Rodolfo Barbosa Santos	Brasil	rodolfoforbs1@fab.mil.br
Carlos Eduardo Ferreira Paes	Brasil	carlofefpaes@gmail.com
Sandro Israel De Moura Mendes	Brasil	israelsimm@gmail.com
Carlos Magno Rodrigues De Oliveira	Brasil	olivermag@hotmail.com
Leandro Cabral Dias	Brasil	leandro_87dias@hotmail.com
Cleber De Souza Martins	Brasil	ttst-15@cindacta4.gov.br
Eraldo Menezes Da Silva	Brasil	ttst-5@cindacta4.gov.br
Iggo Cesar Malcher Fonseca	Brasil	iggomalcher@gmail.com
Christian Jorge Vergara Leyton	Chile	cvergara@dgac.gob.cl
Pedro Domingo Pastrian Cespedes	Chile	ppastrian@dgac.gob.cl
Jorge Armando Lora Martinez	Colombia	jalm2005@hotmail.com
William Orlando Fonseca Roa	Colombia	wfonseca@gmail.com
Raul Alfredo Avellan Oña	Ecuador	ravellan1@hotmail.com
Troy Gavin Gittens	Guyana	naviator_2000@hotmail.com
Mortimer Barrington Salis Bury	Guyana	mbsalisbury2000@yahoo.com
Ricardo Cardozo	Paraguay	ricardocardozo21@gmail.com
Ronald Gabriel Benitez Florentin	Paraguay	ronaldbenitez1907@gmail.com
Ricardo Arteaga Chavez	Perú	ricajo61@hotmail.com
Moisés Canicela Quispe	Perú	mcanicela@corpac.gob.pe
Patrick Ismaël Tarnadi	Suriname	p.tarnadi@hotmail.com
Mitchell Henk Themen	Suriname	mickiano@live.com
Marcel Mendelzoon	Suriname	breezermenda@gmail.com
Boobe Maria Magdalena	Suriname	tesimie@hotmail.com
Jurgen Remon Cicilson	Suriname	jurmaja@hotmail.com
Shiraz Gopaul	Trinidad and Tobago	sgopaul@caa.gov.tt

NOMBRE/NAME	ESTADO/STATE	E-MAIL/CORREO-E
Andrew Ramkissoon	Trinidad and Tobago	aramkissoon@caa.gov.tt
Sabrina Rodriguez Medina	Venezuela	anirdassrod@gmail.com
Giulio Cesare Zoino Tarife	Venezuela	giuliozoino@gmail.com