

TELERAD

Aeronautical and Maritime Radiocommunication Systems

RADIO EQUIPMENT TRANSCEIVERS EMRY

DURATION: 3 DAYS



AUDIENCE:

This training course is intended for technical personnel specialising in electronics who wish to gain knowledge about radiocommunications systems integrating transmission and reception functions.

PREREQUISITES:

Training accessible to anyone who understands the basics of analogue and digital electronics. Holder of electrical accreditation for the practical work section.

OBJECTIVES:

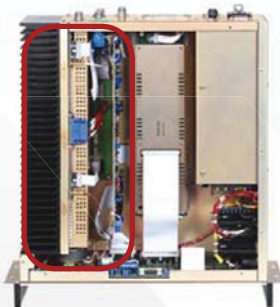
Master the principles of operation of a transmission/reception assembly. Handle the equipment, acquire the principles for configuration and measurement.

ADDITIONAL TRAINING(S):

Cohabitation of radio Systems.
Radio measurements.

1ST MODULE: ARCHITECTURE OF AN ANALOGUE "TRANSCEIVER" SYSTEM

- Operating principle
- Presentation of TELERAD "Transceivers":
 - VHF range: 846, 990, 991,
 - UHF range: 1410,
 - V-UHF range: 904, 905

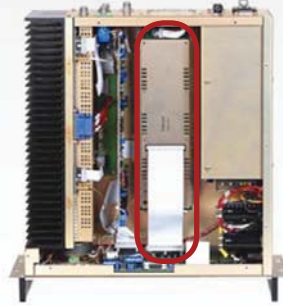


2ND MODULE: APPLICATION TO THE EMRY991N (1/3): TRANSMISSION SECTION

- Hardware and operational presentation
- Diagrams of component sub-assemblies

3RD MODULE: APPLICATION TO THE EMRY991N (2/3): RECEPTION SECTION

- Hardware and operational presentation
- Frequency synthesis
- Description of diagrams of associated sub-assemblies



4TH MODULE: APPLICATION TO THE EMRY991N (3/3): COMMISSIONING

- Commissioning of the assembly
- Description of the MMI Man-Machine Interface
- Maintenance of the equipment



5TH MODULE: PRACTICAL WORK ON THE EQUIPMENT

- Presentation of the test bench
- Configuration of the unit with the MMI
- Transmission tests and measurements
- Reception tests and measurements

DOCUMENTATION

Each participant will be provided with hard copies of the course materials during training.

MAXIMUM NUMBER OF TRAINEES

8 people

INFORMATION

- Contact: Jean-François Iriart
- E-mail: formation@telerad.fr
- Tel: +33 (0)5 59 58 55 00
- Sheet available on the website: www.telerad.fr

REGISTRATION

Using the attached form

DATES

On demand

LOCATION

TELERAD