TELERAD

Aeronautical and Maritime Radiocommunication Systems

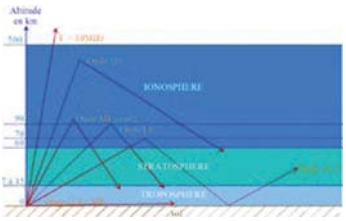
COHABITATION OF RADIO SYSTEMS

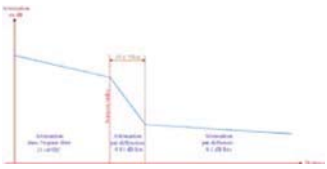
DURATION: 3 DAYS

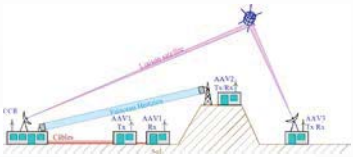
AUDIENCE:	This training course is intended for technical personnel specialising in radiocommunications who wish to expand their knowledge or discover cohabitation problems.
PREREQUISITES:	Training accessible to anyone who understands the basics of radiocommunications.
OBJECTIVES:	Reminder about the principles of propagation of the electromagnetic waves in space. Understand the effects of the presence of obstacles in the propagation of these waves. Understand the sources of cohabitation problems related to a transmitter and to a radio receiver. Master common cohabitation assistance tools.
ADDITIONAL TRAINING(S):	Radio measurements.

1ST MODULE: REMINDER ABOUT THE ESTABLISHMENT OF A RADIO LINK

- Propagation of an electromagnetic wave
- Space wave, sky wave and ground wave
- Attenuation of the electromagnetic wave
- Noise; noise factor; signal/noise ratio
- Frequency synthesis







2ND MODULE: ARCHITECTURE OF A COMMUNICATION SYSTEM

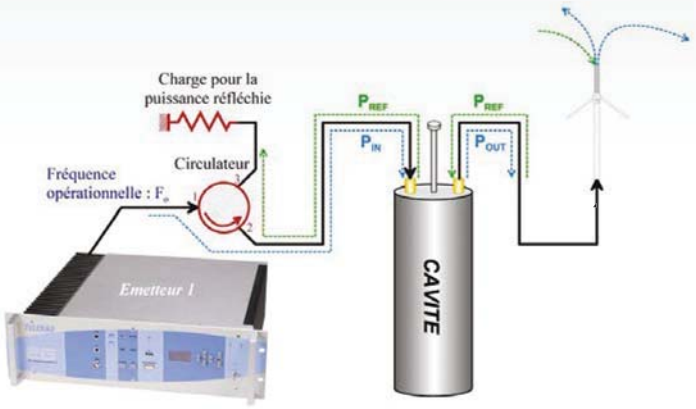
- Parameters of a transmitter
- Parameters of a receiver
- Application to 9000 series equipment
- Compliance with the ETSI standard in force EN300 676

2, avenue de la Butte aux Cailles - BP 302 - 64603 ANGLET CEDEX - FRANCE
Tel.: +33 (0)5 59 58 55 00 - Fax: +33 (0)5 59 58 55 01 - Email: formation@telerad.fr

TELERAD

3RD MODULE: COHABITATION PROBLEMS

- Presentation of cohabitation assistance equipment
- Example of calculation of a radio link



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

MAXIMUM NUMBER OF TRAINEES
10 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
See attached calendar

LOCATION
TELERAD