

STRATEGIC FREQUENCY MANAGEMENT

Objectifs of the training :

Frequencies are a very limited national resource. Therefore management of these resources is crucial to avoid interferences, as well on a national, regional and worldwide basis. Standardisation is also necessary to ensure industry-wide interoperability.

During this ½ day course :

- You will get a good understanding of the national/international bodies involved, and how they interact
- You will acquire a good knowledge of the national/international allocation tables and how you have to interpret them
- You will know the differences of allocation, allotment and assignment
- future tendencies will be revealed (IMT, SRD,...) in relation to the World Radio Conference 15

Who should attend this course ?

This course is useful for :

- Wireless Strategic Teams/Engineers/Managers
- Wireless consultants
- Strategic Telecom Managers/Teams

Prerequisites:

- You have to know basic principles as frequencies, bandwidth, modulation and multiplexing,...

Content : Strategic Frequency Management

1. Frequency management Introduction

- a. Why Frequency Management**
- b. Role of Industry, applications, standardisation**

2. What institutions

- a. National (BIPT, BE Regions)**
- b. Regional (CEPT, CITELE, APT, RCC, African Group, Arabic Group,,...)**
- c. Worldwide (WRC-ITU, NATO, ICAO,...)**
- d. Relations between these bodies**

3. Frequency allocation/alottement/assignments

- a. Principles**
 - i. Primary/secondary services**
- b. Frequency tables (ITU/ECA/BIPT)**
- c. Examples (GSM/3G/LTE/LTE+)**

4. WRC-15agenda items

- a. Overview**
- b. IMT bands**
- c. Topics (UAV, Sat, IMT,...)**