

*Representing the Communication Services Industry*

# FCS around the UK Bristol



## Programme for the day

- 10.30 **Telephony Session**
- 12.00 **The Bigger Picture**
- 13.00 **Lunch & Networking**
- 14.00 **Radio and Wireless Session**

# Radio and wireless session



## Programme for this session

14.00	Introductions	Jacqui Brookes OBE, FCS CEO
14.05	Environment – rules for industry	Vic Clements
14.25	<b>FCS supporting business radio</b>	Jacqui Brookes
14.50	<b>Ofcom licensing and policy</b>	Kevin Delaney Nick Woollard Aaron Sole-Figuras
15.30	FITAS Installers Scheme	Michael Eagle
15.45	Business Radio Training Initiative	Paul Smye-Rumsby
16.00	Open forum	
16.30	Close	

## Business Radio current issues

FCS members survey 2010- confidence in the future- influenced by access to digital product but need for access to spectrum

- High site costs for dealers
- Spectrum information on the Ofcom website- security risks- need for visitor tracking and exemptions
- Review of spectrum trading and spectrum leasing
- Suppliers spectrum also used by hospital pagers

## **Ofcom future strategy for BR**

### **Industry objectives**

- To set out a future path for the business radio sector
- To gain a light but effective regulatory regime for spectrum management, licensing and spectrum enforcement that offers certainty to support investment
- To gain recognition of Business Radio as a central part of the digital economy

## **Ofcom future strategy for BR**

### **Project scope -1**

- Issues for review proposed at BRIG on 20 January 2010:
- Strategy for medium to long term - 5-10 years
- Economics of pmr spectrum- including licence fees, congestion charging How to assess value to society
- PMR Ofcom licence products- integration- to enable Ofcom to plan its own strategy and resources
- Life cycle of infrastructure and equipment
- Future technologies in next 20 years -look at standards and individually manufacturers may input in confidence to Ofcom or FCS

## Ofcom future strategy for BR

### Project scope -2

- Continuing access to spectrum
- Maintaining healthy competition
- Digital Britain influence on BR
- European spectrum and telecoms policy
- Updates on website <<http://www.fsbr.org.uk/>>

# FITAS Update

- Launched in January 2009
- Now approaching 50 members
- Target membership 120 by end of 2010
- 37 Patrons
- Seeking to widen support from all stakeholders
- Review of FCS1362 in 2010
- Introduce new member benefits
- New specialist training modules for 2010
  - Petroleum regulations
  - Blue Light

# FITAS Update

## Current scope:

- Mobile phones
- Business Radio
- Telematics (biggest growth area)

## Possible new areas:

- Security equipment (demise of VSIB scheme)
- In car entertainment systems

# Business Radio Training

## Background:

- Need for training to provide a pipeline of skilled personnel has been long recognised
- FCS BR Training Subgroup set up to develop recommendations to address need
- Chaired by Paul Smye-Rumsby
- Workshop at 2009 BR event raised profile
- Recent meeting identified possible way forward
- Proposals to be refined and circulated to wider membership for feedback

# Business Radio Training

## Approach:

- Develop industry recognised qualification
- Seek national accreditation later
- Technician grade initially
- Add higher grades later
- Training to be based on agreed set of core competences
- Target employees with some technical background and min 2-3 years work experience
- Work with existing training providers to provide flexible route to learning

# Business Radio Training

## Core competences -1

- RF Health & Safety
- Waveform fundamentals and measurements
- Modulation and multiplexing
- Transmitters and receivers
- Antennas and feeders
- Propagation and coverage
- Radio interference and its effects
- Digital Radio

# Business Radio Training



## Core competences - 2

- Commercial radio systems
- Link planning
- TCP / IP
- VoIP
- IP Engineering
- Equipment specific training
  - Installation
  - Operation
  - Maintenance

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# Radio and wireless session



Open forum

Thank you for attending the meeting  
All the presentations will be placed on the  
website [www.fcs.org.uk](http://www.fcs.org.uk)