

# Business Radio

# Changing Times

**FCS BR08**

**20<sup>th</sup> November 2008**

## Business Radio Reform

- Section 1: Business Radio
- Section 1: Background on BR Trading and Liberalisation
- Section 2: New Licensing approach for Business Radio categories
- Section 4: Stakeholder Management
- Section 5: Implementation

## What do we do

- Responsible for:
  - All Private Business Licensing Policy
  - Emergency Services
  - Prisons
  - Transport
  - Utilities
    - And now includes:
      - Maritime Licensing Policy
      - Aeronautical Licensing Policy
      - Amateur Licensing Policy
      - CB Licensing Policy
- Stakeholder Management

## Current Hot Topics

- Business Radio Reform
- Testing and re-testing SMS Unify that supports and enables the new licence products.
- Converting Department of Health spectrum holding to Crown – Recognised Spectrum Access
- Managing Airwave – Sharer's (those non blue light organisations that need to work with them)
- Preparing Data and migrating over to Unify
- Contributing to the application of AIP to E&PSS, Marine and Aeronautical & others
- Maritime Records – for safety purposes
- Renewal of the CAA contract for licensing Aircraft

## The Business Radio Team

Paul Jarvis

- **Trevor Allison** – Engineering solutions
- **Reuben Braddock** – Policy development
- **Ray Wilson** – Channel Planning/management
- **Paul Fonseka** – Engineer - Amateur, Marine
- **Nicholas Woollard** – Engineer - Band III, MoU's and SMS testing
- **Fraser Murrey** – Policy development, Aeronautical/Maritime
- **Kuha Sithamparanathan** – Emergency Services
- **Andrew Jacks** – Emergency Services - PSSPG secretary
- **Levern Casserly** – Stakeholder Management and Communications
- **Malika Greene** – Engineer, Transport, Technology
- **Nigel Gunn** – Engineer, SMS Project Management
- **Kevin Delaney** – Training, Data cleansing, data processing, FOI, design and testing of application software

## Business Radio Reform (BRR)

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## Business Radio Reform – Where we are

### So far...

#### Trading

- ❑ Introduced at end of 2004 to c900 licences
  - BR: National and Regional PMR, Analogue PAMR, National Paging, Data Networks and CBS*
- ❑ Around 20-30 trades per annum – 12 larger licences have changed hands through trading

#### Liberalisation

- ❑ Progressive removal of restrictions on technology and usage
  - BR: Ability to change between classes*

### Coming up...

#### Trading

- ❑ Extension of trading to other licence classes (including licences in UHF1)
- ❑ Over 50,000 licences to be fully tradable
- ❑ Introduction of geographical and spectrum partitioning to national licence types

#### Simplification and Liberalisation

- ❑ Introduction of 3 new and flexible licence types (Area Defined, Technically Assigned and Light Licence)
- ❑ Removing 70 Business Class distinctions
- ❑ Minimum technical conditions to prevent harmful interference
- ❑ New transparent fee structures

## Liberalisation Phase 2 - BRR

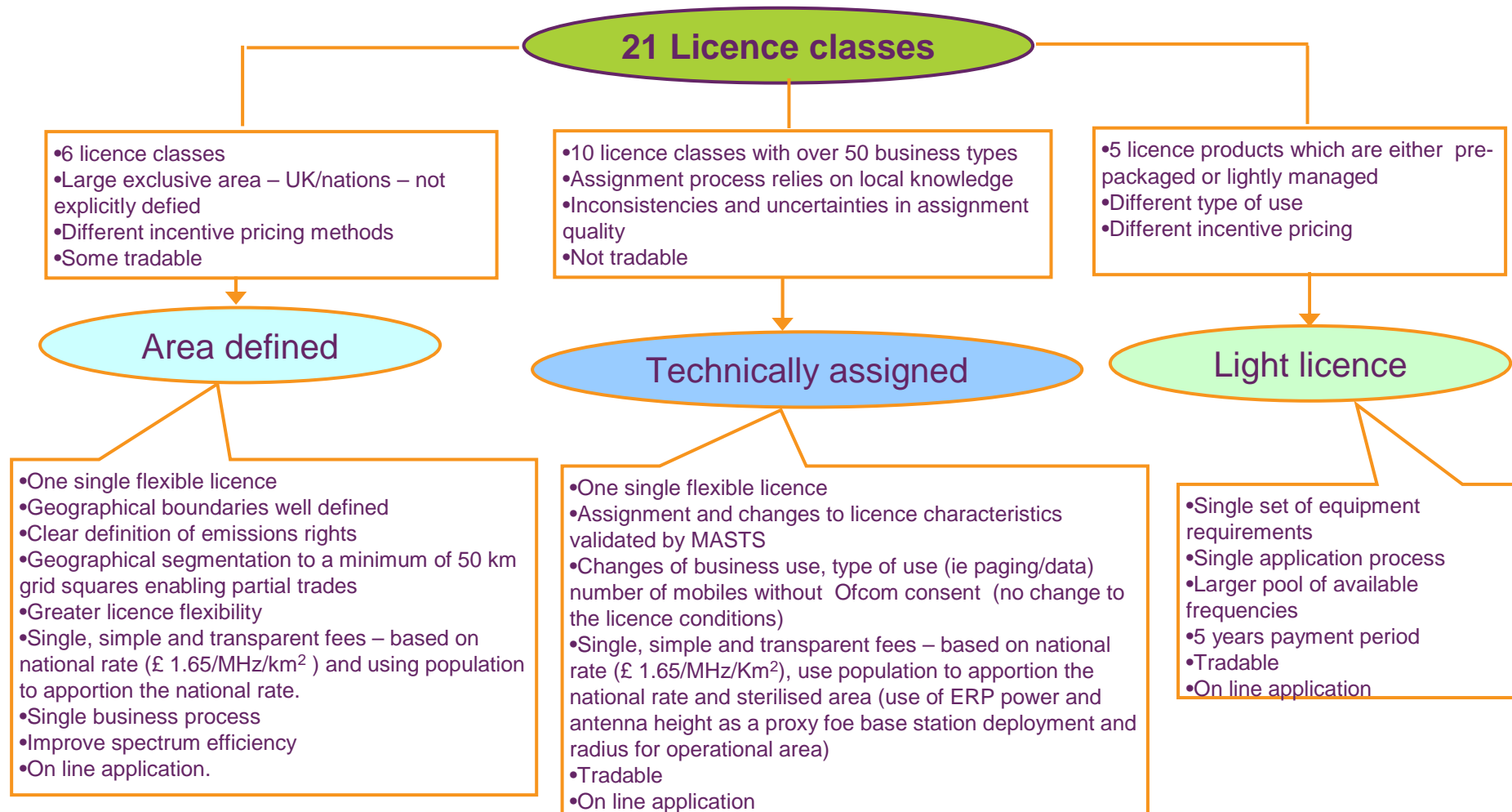
### Key benefits to end users

- Replacing 21 different types of licence with three simple licence categories – Removing current restrictions on the type of business use and technology – Minimum technical restriction will remain to protect against harmful interference;
- Moving 15,000 licences to 5 year licence term, low flat fee, simple process and e-application;
- About 50,000 licences to be tradable and flexible;
- Improved assignment process to over 40,000 assignments – through Unify;
- Moving from a complex structure to a simplified transparent structure for fee scales – over 95 % of licences fees will reduce or stay the same (including Light licences).

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## Business Radio – Simplification, Trading, Liberalisation and pricing proposals

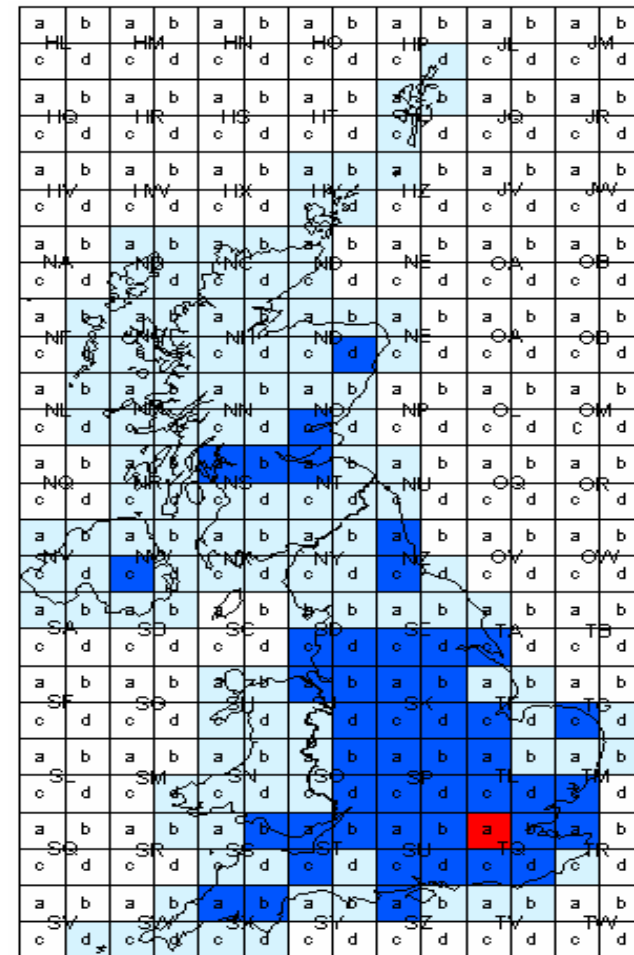


# Area Defined licence

## “Trading units”

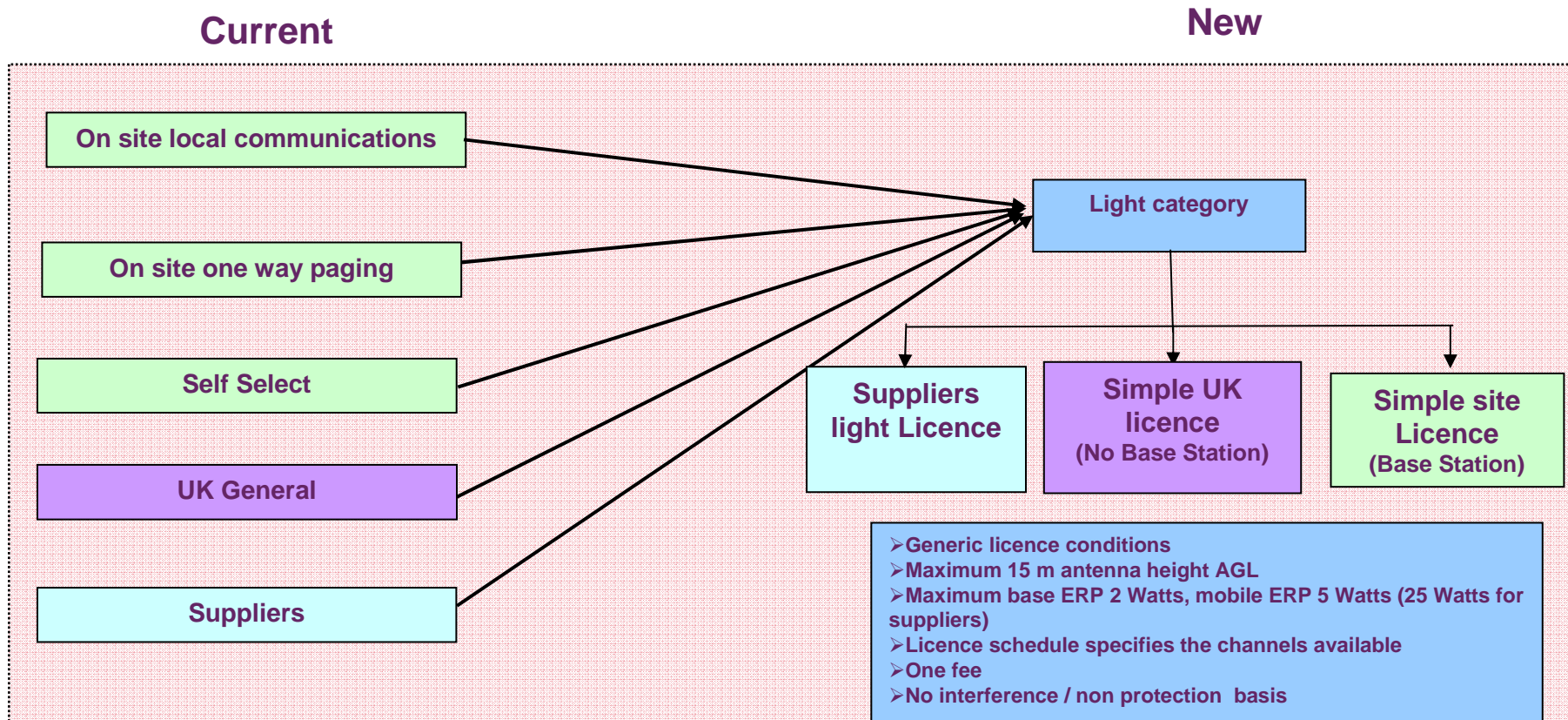
We proposed dividing national licences into pre-defined “trading units” based on National Grid Reference Squares

- Licensee can partially trade this;
- These pre-defined area can be easily communicated to Ofcom and remove the complexity, ambiguity, and confusion that arises from complex geographical boundaries;
- Each unit has a pre-defined licence fee (based on population);
- 3 Population categories
  - High population (Red) – above 3 M
  - Medium population (Dark blue) – between 300,000 and 3 M
  - Low population (Light blue) – up to 300,000



# Light Licence category

## Collapsing on site and pre-packaged licence classes



## Getting there – key work items

<b>IT System</b>	Major development of a new IT platform (Unify) including development of an advanced new licensing and spectrum management system. BRR highly dependent on the delivery of the new system
<b>Regulations</b>	Consultation and statement on the Trading, Register and Fee Regulations to give legal effect of the policy changes
<b>Variation</b>	Process to move over 50,000 licences to the new licence classes
<b>Data cleansing</b>	Update technical data following customers interaction
<b>Documentation</b>	Revision and development of documents to support the changes
<b>Communication</b>	Keeping our stakeholders updated on the progress and time scale

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## Stakeholder Management & Communications

- Letters and leaflets sent to all licensees and a small stock to dealers and suppliers
- Close working with the Trade Bodies – FCS and OSCA
- Details of fee changes sent to every licensee (major exercise)
- Roadshows delivered in each Nation and key stakeholder groups
- Major Stakeholder meetings
- Field Ops away day
- Business Radio Interest Group (BRIG)
- Web Site
- Regional Meetings and industry specific workshops
- Fee Workshops
- Regular Industry Bi-laterals
- and now - Marine, Aeronautical and Amateur stakeholder Groups

Lots of time invested in stakeholder communication – still more to do

# Fee Calculator (demo of the fee calculator later)

BR - TECHNICALLY ASSIGNED

*To calculate ensure that all necessary fields are completed then calculate fee*

BAND  BAND TYPE  Category

BASE STATION  OPERATIONAL AREA

POWER  WATTS  
ANTENNA HEIGHT  METRES  
ANTENNA TYPE   
ANTENNA LOCATION   
Coverage Category

NGR (3-digit Easting and Northing)  Population Category   
(Example: TQ123456)  
ASSIGNMENT TYPE   
BANDWIDTH   
NUMBER OF CHANNELS

LICENCE FEE  Calculated Fee (only use for multiple base station applications if fee less than £75)\*

*Help Messages*  
Select The Number of channels from the DropDown Menu. Press <TAB> to continue

*When finished press*

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## Implementation

- Decision to be taken by Ofcom today on when to 'go live'
  - Expected to be 7<sup>th</sup> December 2008
  - New Licenses to be sent out later in December/early January
  - Agree any changes with licensees and implement before renewal
  - Provide advice for licensees wishing to trade
  - Work with industry to enable the most effective use of spectrum
  - Support the Ofcom Licensing Team as the new system beds in.
- 
- Develop Crown RSA
  - Enable any surplus spectrum to get into the market

## Any Questions ?

**Workshops this afternoon**