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***Phil Godfrey***

Chairman

TETRA + Critical Communications Association



# ***TETRA Association***

Preparing for the Future

TETRA + Critical Communications Association



# ***TETRA Association***

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- Created in 1994
- Objective:
  - *To promote TETRA technology worldwide and facilitate an open and competitive market using our Interoperability Process (IoP)*
- TETRA now present in 124 countries
- Accepted as the primary standard for  
Mission Critical Mobile Communications



# TETRA

- No other technology has the functionality that is provided by TETRA
- Capability
  - *Voice services* *Excellent*
  - *Release 1 data services* *Limited*
  - *Release 2 data services (TEDS)* *Good*
  - *Mission Critical Broadband* *None Available*
- No other technology on the horizon that will replace TETRA for Voice or Mission Critical Data in the foreseeable future



# Mobile Data

## Mobile Broadband





# *Mobile Applications*





# ***TETRA Association***

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# *Name Change*

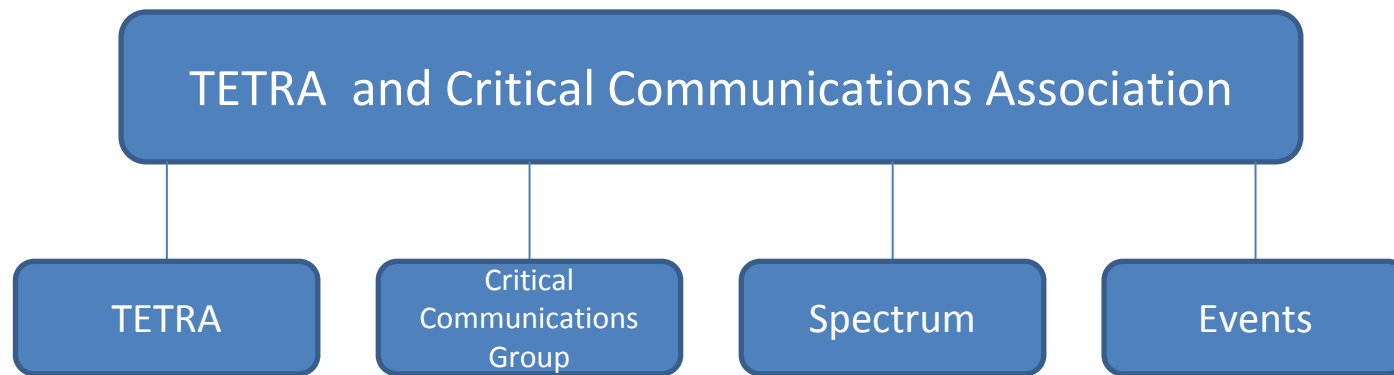
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# *Agreed Structure*



Advantages:

Single administration

Single membership

TETRA profile can be leveraged



# Detail

## TETRA and Critical Communications Association

### Specialist Groups

Technical Forum  
OUA  
Critical Communications Group  
SFPG  
Transportation Group  
Control Rooms  
Applications  
SMEs?

### Activities (relating to all groups)

Marketing  
Spectrum  
Events



# CCG (Critical Communications Group)

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- Purpose
  - *To promote the development and adoption of common standards and solutions for the users and providers of critical mobile communications worldwide*
- Probable focus
  - *Initial focus on Mobile Broadband*
  - *Common data requirements*
  - *Distil the proposals of industry to a single view*
  - *Promote future solutions*
  - *Take responsibility for European Operators Initiative*



# Current Activities

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- Spectrum Lobbying
  - *The TETRA Association, in conjunction with PSCE and others has been heavily engaged in lobbying for Spectrum*
- Driving ETSI TC-TETRA to create a Project to find a solution for Mission Critical Mobile Broadband.
- Working with LEWP Forerunner Group which has created a “Requirements Matrix”. (ETSI WG4 is working with Forerunner group to identify required bandwidth.)



## ***Current Activities cont.***

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- Contact with US NPSTC organisation to see if there would be benefit in cooperation
- Liaison statement from 3GPP requesting support on Direct Mode initiative
- Contact with other Critical Comms User groups
  - *UTC/EUTC*
  - *UIC*
  - *UK Critical National Infrastructure group*



# ***Broadband for Critical Communications Workshop***

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- February 14<sup>th</sup> to 15<sup>th</sup> 2012
- TRYP Condal Mar Hotel, Barcelona
- Programme
  - *Review of Spectrum Situation*
  - *Industry views on potential solutions*
  - *ETSI presentation on progress of Broadband Project*
  - *Discussion on User Requirements*
- Details at [www.tandcca.com](http://www.tandcca.com)



Critical communications for all professional users

search

TETRA >>>

Events >>>

TCCA >>>

Interoperability >>>

Members' Area >>>

### Quick links

[How to join](#)

[The Members](#)

[Pocket Guide](#)

[Member log in](#)



### Control Room Communications

Please click on the image below for more information!



#### Sepura achieves market leadership in Danish...



In May this year the new digital communication system deployed by the five authorities responsible for all [more ...](#)

#### Motorola Solutions To Upgrade, Expand...

Motorola Solutions (NYSE: MSI), a leading provider of mission-critical communication solutions, announced today that Vattenfall Europe Distribution has selected Motorola to upgrade and [more ...](#)

#### SAIT Zenitel has recently won a TETRA contract in...

TETRA and Critical Communications Association member SAIT Zenitel Netherlands received the order from ECT for a TETRA network at their container terminals in the Port of Rotterdam. ECT [more ...](#)

### Meet the Members



#### Next 3 events

[TETRA in Morocco](#)  
17 Jan 2012 >>>

[Broadband for Critical Communications](#)  
14 Feb 2012 >>>

[Counter Terror Expo](#)  
25 Apr 2012 >>>

[All events >>>](#)

**TETRA**  
WORLD CONGRESS  
2012

3000+ visitors  
150+ High Level Speakers  
100+ Exhibitors



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***Thank You***

**TCCA**  
TETRA + Critical Communications Association