



**Consultative Document 2009-T01**

**Distribution of Spectrum in 2600MHz Band**

**1<sup>st</sup> July 2009**

## 1 Executive Summary

Jersey Telecom welcomes the opportunity to respond to the Jersey Competition Regulatory Authority's ("JCRA's") consultation document<sup>1</sup> on the distribution of spectrum in the 2600MHz band to Jersey licenced operators.

## 2 Jersey Telecom Response to Expressions of Interest

### Q.1 The proposed usage of any additional spectrum received ?

Jersey Telecom would like to express its interest in the 2600MHz spectrum which it proposes to use to enable it to provide future data services utilising the Long Term Evolution ("LTE") standard.

Jersey Telecom is currently deploying a High Speed Downlink Packet Access ("HSDPA") network in Jersey with sufficient capacity to support a comprehensive Mobile Broadband service with speeds of up to 3.4Mb.

LTE is expected to be commercially available in 2010, although largescale rollouts are more likely to commence during 2011. The introduction of LTE will compliment HSDPA by providing additional capacity and speed for mobile broadband.

Jersey consumers generally wish to utilise the same services as those available in the UK and Europe and Jersey Telecom intend to be in a position to provide those services. Mobile data services are very much in demand by Jersey business users and those who travel between the Channel Islands, the UK and Europe and they require data services to utilise their mobile device or laptop in order to remain connected with their office.

Customer data usage projections are provided in the confidential Appendix A.

### Q.2 A statement of why additional allocation of spectrum would be in the short-term and long-term best interests of users of telecommunication services in Jersey.

The allocation of spectrum in the 2600MHz band is in the longer term interests of Jersey telecommunication users as this spectrum would be used to provide LTE services providing additional capacity and speed for mobile broadband type services.

### Q.3 How the allocation of additional spectrum would contribute to the efficient use of spectrum in Jersey.

N/A

### Q.4 Reasons why an additional allocation of spectrum would be in Jersey's best economic interests.

The allocation of 2600MHz will allow users access to a wider variety of future mobile data services once the LTE standards have been agreed and offer choice on a par with the UK. As many of Jersey's financial institutions are based in the UK, their employees expect the same level of availability and choice of mobile services as their UK counterparts, consequently it is important that mobile providers in Jersey have access to the same spectrum as in the UK to allow comparative services to be developed.

---

<sup>1</sup> Consultation document 2009-T01 – Distribution of Spectrum in 2600MHz Band

**Q.5 A summary of the party's financial resources available to utilise any additional spectrum allocated to it.**

There is no business case developed at this stage to roll out mobile services based on the LTE standard. However, as vendors firm up feature availability and software delivery times, a clear evolution path will become apparent.

**Q.6 A statement concerning additional infrastructure requirements, including but not limited to erection of new phone masts, that the party would require in Jersey to utilise any additional spectrum allocated to it; and**

Unknown at this stage.

**Q.7 The timescale within which any additional allocation will be used.**

Unknown at this stage.