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1.0 | Executive Summary

Digicel Cayman Limited (trading as “Digicel Cayman”) hereby applies to the Information & Communication Technology Authority for Lower B and C 700 MHz Spectrum also known as Band 17 LTE spectrum. [REDACTED]

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2.0 | The Digicel Group – Our Track Record and Experience

The Digicel Group is a leading provider of wireless communications services in the Caribbean region. We first launched services in Jamaica, our first market, in 2001 [REDACTED]

[REDACTED] Today Digicel operates wireless [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]
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Our goal is to be the premier operator of wireless services in all our markets. [REDACTED]
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We are also committed to supporting the communities within which we operate both socially and culturally and we do so [Redacted text]

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2.1 [Redacted]

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[Redacted] With this team in place Digicel Cayman is confident that it has the requisite tools and experience at hand to deliver a successful LTE rollout and also drive early customer adoption.

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2.4 Overview of Digicel Cayman

Digicel Cayman was granted a wireless license in October 2003 and operations were launched in the Cayman Islands on March 3, 2004. In 2006, Digicel purchased the assets of Cingular following which the operations were integrated and re-branded as Digicel.

[REDACTED]

Digicel Cayman operates GSM/GPRS/EDGE and HSPA+ networks using Ericsson as the principal network equipment provider to deliver voice, text and Internet solutions to customers. The network consists of 36 cell sites in the Cayman Islands, representing 100% geographic coverage and 100% population coverage. We have installed satellite infrastructure in Cayman Islands to provide further international redundancy. In addition, we launched a CDMA overlay network [REDACTED]

[REDACTED]

Since its launch, the company has continued to grow under its core values of more choice, better value, better customer service, easier bills and the best network. Today Digicel Cayman is considered a key player in the local telecommunications industry.

Digicel Cayman offers the latest in innovation to the people of the Cayman Islands. Our services include voice (fixed line/post-paid/prepaid), data and internet all packaged at affordable pricing to meet the individual needs of our customers. We are constantly improving our products and services to better serve our customers and most recently introduced a new post-paid plan 'All In' which allows customers to package data, SMS, minutes and a handset in one convenient plan. From our informative retail staff to our dedicated corporate account managers, Digicel Cayman takes pride in offering the best customer service on island, the best value and the best choice of the latest 4G smart phones.

Digicel Cayman is committed to the people of Cayman and has so far focused on three major sponsorship segments which include sports, education and the community. Some of the major sponsorships include the development of local Olympians such as Shaun and

Brett Fraser (Olympic swimmers and Digicel Ambassadors) and Andrew Smiley, the newest addition to the Ambassador Team and Special Olympian Gold Medallist. Digicel Cayman also plays an active role in supporting Rotary initiatives which benefit various local charities. Other key sponsorships include the Flowers Sea Swim, Digicel Football Cup, the Special Olympics, LIFE Literacy program, Flag Football and various targeted concerts and events.

2.4.1 Digicel Cayman Management Team

The Digicel Cayman team pride themselves in staff involvement for the betterment of the Cayman Islands community. [REDACTED]

The Digicel Cayman team is made up of a dynamic, driven and ambitious combination of individuals who represent the qualities and values of the company and have ultimately ensured the success and growth of the company since inception. [REDACTED]

[REDACTED] putting more focus than ever on staff development.

[REDACTED]

Digicel Cayman employs a well experienced management team with responsibility for the key functional areas to manage the day to day operations of the company. These are:

Chris Hayman, Chief Executive Officer

Chris is an experienced telecommunications professional with a career spanning 20 years across global telecommunication markets. Initially joining BT Plc. at their R&D centre to lead product support in Traffic Management Systems. In 1997 Chris was responsible for developing BT's Global Mobile product portfolio, which led to his involvement in BT's Global Mobile expansion programme, involving new license and company acquisitions in Japan, Korea, Brazil, Hong Kong, Singapore, Netherlands and New Zealand.

In 2004, Chris moved to the Caribbean to assist Digicel with their phenomenal growth in Jamaica and particularly the development of the business market for Digicel Jamaica. Chris was appointed as Head of Business Services and during this time Digicel acquired nearly 80% of the major corporate market. In 2009, Chris was appointed Sales Director for Digicel Trinidad & Tobago where he was responsible for Retail, Distribution, Recharge, Business Sales, Business Services and Business Support departments.

Whilst in Jamaica, Chris served on the Boards of the PSOJ Technology Sector, CITO Board and was a private sector member of the PIOJ planning committee.

Chris obtained a 2.1 (Honours) Degree in Technology and Computer Science and a post graduate Diploma in Computer Science.

Brian Mulvihill, Chief Financial Officer

Brian began his journey with Digicel Cayman in October 2008 as the Chief Financial Controller. He accepted the same post at Digicel Trinidad in September 2009 and after two years in Trinidad, took up the CFO post at Digicel Turks and Caicos in April 2011. Brian returned to Cayman to once again take up the post of Chief Financial Officer in September 2012.

Brian has over ten years' experience in the financial sector holding a degree in Accounting from the University College Cork and receiving his ACCA qualifications from the Dublin Business School.

Raul Nicholson-Coe, Chief Operations Director

Raul joined Digicel Cayman in March 2009 as the Operations Director. His main areas of responsibilities are Legal, Regulatory, Government Relations and Customer service. Raul has over fifteen years' experience in telecommunication having worked with a number of other major telecommunication companies within the region. He was most recently the COO/President of TeleCayman. Prior to that, he was the General Manager of Cingular/AT&T also based in the Cayman Islands.

Rhys Ebanks, Head of Technology

Rhys Ebanks joined Digicel in January 2007 as Broadband Implementation Supervisor. He quickly moved up the ranks to his current position of Head of Technology with responsibility for all Technical Departments, including GSM/Switching, Operations & Maintenance, I.T. and Broadband (Corporate & Residential).

Rhys holds a BSc. in Business Administration with a concentration in Management Information Systems and Operations Management from East Carolina University.

Brian Hurley, Commercial Director

Brian joined Digicel Cayman in August 2007. Having worked for many of the leading telecoms companies in both fixed and mobile markets in Ireland for over 8 years, Brian brings a wealth of experience both in sales and sales management to Digicel.

Brian holds a BSc. in Business Studies from the University of Limerick in Ireland and thoroughly enjoys working in the telecommunications industry.

3.0 | Digicel Cayman's Technical Plan

In continuing to bring the latest technology to the Cayman Islands, Digicel is happy to present our technical proposal to deploy the very latest LTE high speed wireless access network. LTE is becoming a mainstream technology with over 50 networks deployed worldwide. The LTE standard can be used with many different frequency bands, however in the Caribbean, [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

3.1 Proposed 700 MHz Band

Digicel Cayman hereby applies for 12MHz of paired (i.e. 24 MHz in total) 700MHz spectrum namely bands lower B and C (704-716 MHz and 734-746 MHz) as per table below.

Block B (Lower) Block B (Upper)
704-710 734-740 12 MHz Paired
Block C (Lower) Block C (Upper)
710-716 740-746 12 MHz Paired

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Worldwide Adoption of LTE Technology

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Coverage Maps










3.3 Ensuring Efficient Use of Spectrum

LTE as a technology is highly advanced in terms of spectrum usage. The technology is 1000 times more efficient than GSM in terms of bits per Hertz and twice as efficient as UMTS/HSPA

Spectral efficiency of common communication systems.

Service	Standard	Net bitrate R per carrier	Bandwidth B per carrier	Link spectral efficiency R/B	System spectral efficiency
		(Mbit/s)	(MHz)	((bit/s)/Hz)	Approx. ((R/B)/K)
2G cellular	GSM	0.013 × 8 timeslots = 0.104	0.2	0.52	0.17
Fixed WiMAX	IEEE 802.16d	96	20	4.8	1.2
3.5G cellular	HSDPA	42.2 per mobile;	5	8.44 per mobile	8.44
4G cellular	LTE	326.4 per mobile;	20	16.32 per mobile	16.32

LTE technology boasts fast connection speeds of 







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3.4 Use of Spectrum Will Not Cause Interference

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3.5 Use of Spectrum Consistent with ITU Zone 2 Recommendations

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Block A (Lower) ***Bandwidth Total***

698-704 728-734 12 MHz Paired

Block B (Lower)

704-710 734-740 12 MHz Paired

Block C (Lower)

710-716 740-746 12 MHz Paired

Block D (Lower)

716-722 6 MHz

Block E (Lower)

722-728 6 MHz

Block A (Upper) ***Bandwidth Total***

757-758 787-788 2 MHz Paired

Block B (Upper)

775-776 805-806 2 MHz Paired

Block C (Upper)

746-757 776-787 22 MHz Paired

Block D (Upper)

758-763 788-793 10 MHz Paired

Public Safety

763-768 793-798 10 MHz Broadband Use

769-775 799-805 12 MHz Narrow band Use

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4.0 | New & Enhanced LTE Services

Digicel believes that 4G LTE networks is the next step in wireless technology evolution from 3G UMTS/R99 networks and 2G GSM/EDGE networks. [REDACTED]

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4.1 New LTE supported ICT Services

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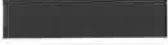
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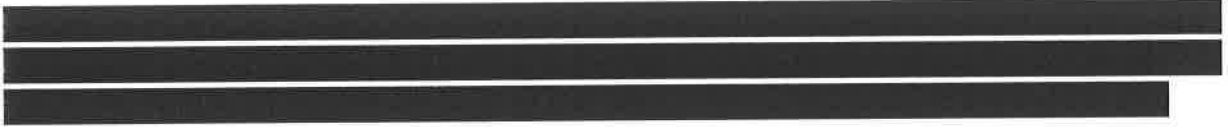
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5.0 | Assignment of Spectrum Will Not Adversely Affect Competition in ICT Sector

Digicel Cayman hereby states that the assignment of LTE spectrum will not adversely affect competition in the Cayman Islands; [REDACTED]

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