



BERMUDA
**REGULATORY
AUTHORITY**

**Point-to-Point Microwave Service Spectrum
Assignments**

Date: 29 April 2013

Pursuant to section 78 of the Electronic Communications Act (ECA) 2011, the following spectrum assignments are herein set out pending the results of the Regulatory Authority Spectrum Investigation, and will expire 18 months from the date of this document.

ASSIGNMENT OF RADIO FREQUENCY SPECTRUM

The frequency bands listed below have been assigned for use by the Licensee in the provision of **Point-to-Point Radio Services**.

Bermuda Digital Communications Ltd.

Assigned Frequencies (MHz)		Site Name 1	GPS (Site Name 1)	Site Name 2	GPS (Site Name 2)
Rx	Tx				
10975.00	11465.00	Link Bermuda	32°18'52.64"N -64°44'54.28"W	Ft. George	32°22'49.21"N -64°40'58.15"W
11015.00	11505.00	Ft. Prospect	32°17'57.41"N -64°45'52.65"W	Scott's Hill Somerset	32°17'52.26"N -64°86'51.63"W
11015.00	11505.00	Prospect	32°17'57.63"N -64°45'52.05"W	Andrew's Place	32°17'40.68"N -64°46'47.88"W
11095.00	11585.00	Ft. Prospect	32°17'57.41"N -64°45'52.65"W	Warwick Camp	32°15'22.86"N -64°48'59.36"W
11095.00	11585.00	Scott's Hill Somerset	32°17'52.26"N -64°86'51.63"W	Turtle Hill	32°15'07.98"N -64°51'04.18"W
11135.00	11625.00	Waterfront	32°17'27.24"N -64°47'28.96"W	Prospect	32°17'57.63"N -64°45'52.05"W
12750.00	13250.00	Scaur	32°17'10.03"N -64°52'22.06"W	Tudor	32°15'56.70"N -64°52'36.68"W
12750.00	13250.00	Tudor	32°15'56.70"N -64°52'36.68"W	Alton	32°14'55.58"N -64°51'41.99"W
12750.00	13250.00	Alton	32°14'55.58"N -64°51'41.99"W	South Princess	32°15'13.92"N -64°49'37.02"W
12750.00	13250.00	South Princess	32°15'13.92"N -64°49'37.02"W	Elbow Beach	32°16'36.07"N -64°46'09.88"W
12750.00	13250.00	Elbow Beach	32°16'36.07"N -64°46'09.88"W	Paget	32°17'18.83"N -64°45'46.61"W
12750.00	13250.00	Paget	32°17'18.83"N -64°45'46.61"W	Town Hill	32°18'59.94"N -64°43'57.83"W
12750.00	13250.00	Town Hill	32°18'59.94"N -64°43'57.83"W	Whitecrest	32°19'50.33"N -64°42'29.76"W

12750.00	13250.00	Whitecrest	32°19'50.33"N -64°42'29.76"W	Airport	32°21'33.77"N -64°42'10.42"W
12750.00	13250.00	Town Hill	32°18'59.94"N -64°43'57.83"W	Defontes	32°18'34.70"N -64°45'31.68"W
12750.00	13250.00	Defontes	32°18'34.70"N -64°45'31.68"W	Ridgeway	32°18'07.78"N -64°47'39.19"W
12750.00	13250.00	Ridgeway	32°18'07.78"N -64°47'39.19"W	Hamilton	32°17'41.27"N -64°47'03.72"W
12765.00	13031.00	Waterfront	32°17'27.24"N -64°47'28.96"W	South Princess	32°15'13.92"N -64°49'37.02"W
12765.00	13031.00	KEMH	32°17'40.17"N -64°45'58.94"W	Paget	32°17'18.83"N -64°45'46.61"W
12821.00	13087.00	Airport	32°21'33.77"N -64°42'10.42"W	Ft. George	32°22'49.21"N -64°40'58.15"W
13031.00	12765.00	Fisherman's Hill	32°20'55.40"N -64°43'17.05"W	Airport	32°21'33.77"N 64°42'10.42"W
13059.00	12793.00	BNTB	32°17'34.43"N -64°47'01.56"W	Hamilton	32°17'41.27"N 64°47'03.72"W
13087.00	12821.00	Dockyard	32°19'22.81"N -64°50'10.81"W	Turtle Hill	32°15'07.98"N -64°51'04.18"W
13087.00	12821.00	South Princess	32°15'13.92"N -64°49'37.02"W	Warwick Camp	32°15'22.86"N -64°48'59.36"W
13115.00	12849.00	Fisherman's Hill	32°20'55.40"N -64°43'17.05"W	Town Hill	32°18'59.94"N -64°43'57.83"W
17700.00	19700.00	Prospect	32°17'57.63"N -64°45'52.05"W	Link Bermuda	32°18'52.64"N -64°44'54.28"W
18000.00	19560.00	Prospect	32°17'57.63"N -64°45'52.05"W	Faraway-Warwick	32°16'04.48"N -64°47'39.75"W
18040.00	19600.00	Link Bermuda	32°18'52.64"N -64°44'54.28"W	Town Hill	32°18'59.94"N -64°43'57.83"W
18040.00	19600.00	Prospect	32°17'57.63"N -64°45'52.05"W	Elbow Beach	32°16'36.07"N -64°46'39.88"W
18080.00	19640.00	Prospect	32°17'57.63"N -64°45'52.05"W	Hamilton	32°17'41.27"N -64°47'03.72"W
18120.00	19680.00	Scaur Hill	32°17'10.03"N -64°52'22.06"W	Scott's Hill Somerset	32°17'52.26"N -64°86'51.63"W

Deltronics Limited

Assigned Frequencies (MHz)		Site Name 1	GPS (Site Name 1)	Site Name 2	GPS (Site Name 2)
Rx	Tx				
71000.00 - 76000.00	81000.00 - 86000.00	No Equipment Deployed		No Equipment Deployed	

Electronic Communications Limited

Assigned Frequencies (MHz)		Site Name 1	GPS (Site Name 1)	Site Name 2	GPS (Site Name 2)
Rx	Tx				
4965.00	4985.00	ECL Prospect Tower	32°18'06.44"N -64°46'04.73"W	Police Tower – Prospect	32°17'58.34"N -64°45'57.24"W
				Wilderness Lane – Smiths	32°18'56.38"N -64°43'56.82"W
				Cottage Hill Road – Crawl	32°20'35.63"N -64°43'39.97"W
				Police Tower – Warwick Camp	32°15'22.72"N -64°49'00.19"W
				Airport – Weather Station	32°22'02.78"N -64°40'39.83"W
				Police Tower – Alton Hill	32°14'33.36"N -64°51'25.67"W
				Butterfield Bank – Reid Street	32°17'20.76"N -64°47'01.18"W

Logic Communications Ltd. formerly North Rock Communications Ltd. Assignments

Assigned Frequencies (MHz)		Site Name 1	GPS (Site Name 1)	Site Name 2	GPS (Site Name 2)
Rx	Tx				
10735	11225	Not in Use	Not in Use	Not in Use	Not in Use
10775	11265	Not in Use	Not in Use	Not in Use	Not in Use
10855	11345	Jardine	32°17'36.76"N -64°47'00.89"W	Alton Hill	32°14'56.40"N -64°51'42.52"W
10855	11345	Peak	32°19'02.83"N -64°43'59.51"W	Harbour Radio	32°22'49.51"N -64°40'57.48"W
10895	11385	Not in Use	Not in Use	Not in Use	Not in Use
10935	11425	Not in Use	Not in Use	Not in Use	Not in Use
11055	11545	Not in Use	Not in Use	Not in Use	Not in Use
11175	11665	Jardine	32°17'36.76"N -64°47'00.89"W	Prospect	32°18'01.62"N -64°45'54.90"W
17800	19360	Not in Use	Not in Use	Not in Use	Not in Use
17840	19400	Not in Use	Not in Use	Not in Use	Not in Use
17880	19440	Not in Use	Not in Use	Not in Use	Not in Use
17915	19475	Power House	32°17'43.00"N -64°47'16.00"W	Deloitte	32°17'39.30"N -64°46'56.20"W
17920	19480	Not in Use	Not in Use	Not in Use	Not in Use

Assigned Frequencies (MHz)		Site Name 1	GPS (Site Name 1)	Site Name 2	GPS (Site Name 2)
Rx	Tx				
10935	11425	Prospect	32°18'01.62"N -64°45'54.90"W	Peak	32°19'02.83"N -64°43'59.51"W
17960	19520	Not in Use	Not in Use	Not in Use	Not in Use
17965	19525	Jardine	32°17'36.76"N -64°47'00.89"W	Seon Place	32°17'34.70"N -64°46'39.40"W
18040	19600	Not in Use	Not in Use	Not in Use	Not in Use
18115	19675	Jardine	32°17'36.76"N -64°47'00.89"W	BNTB	32°17'33.70"N -64°47'01.00"W

Telecommunications (Bermuda & West Indies) Limited

Assigned Frequencies (MHz)		Site Name 1	GPS (Site Name 1)	Site Name 2	GPS (Site Name 2)
Rx	Tx				
6192.05	5940.00	Prospect 1 (Container)	32°18'00.20"N -64°45'55.50"W	Ft. George	32°22'48.00"N -64°40'56.00"W
6192.05	5940.00	Prospect 1 (Container)	32°18'00.20"N -64°45'55.50"W	Warwick	32°15'23.00"N -64°49'01.90"W
13227.00	12961.00	Prospect 1 (Container)	32°18'00.20"N -64°45'55.50"W	Cumberland	32°17'42.90"N -64°47'11.20"W
13199.00	12933.00	Prospect 1 (Container)	32°18'00.20"N -64°45'55.50"W	Peak	32°19'02.70"N -64°43'59.50"W
13164.00	12898.00	Prospect 1 (Container)	32°18'00.20"N -64°45'55.50"W	KEMH	32°17'40.20"N -64°46'01.00"W
13195.00	12929.50	Prospect 1 (Container)	32°18'00.20"N -64°45'55.50"W	Belmont	32°16'34.40"N -64°47'58.20"W
13178.00	12912.00	Prospect 1 (Container)	32°18'00.20"N -64°45'55.50"W	Bank BDA	32°17'29.20"N -64°47'13.10"W
13202.50	12936.50	Prospect 1 (Container)	32°18'00.20"N -64°45'55.50"W	Washington	32°17'35.60"N -64°47'04.80"W
6252.05	6000.00	Prospect 1 (Container)	32°18'00.20"N -64°45'55.50"W	Sentinel Hill	32°15'15.59"N -64°50'18.48"W
13199.00	12933.00	Prospect 2	32°18'00.20"N -64°45'55.50"W	C&W	32°18'52.70"N -64°44'54.90"W
6222.05	5970.00	Prospect 2	32°18'00.20"N -64°45'55.50"W	Alton Hill XPIC H	32°14'55.90"N -64°51'41.90"W
6222.05	5970.00	Prospect 2	32°18'00.20"N -64°45'55.50"W	Alton Hill XPIC V	32°14'55.90"N -64°51'41.90"W
6222.05	5970.00	Prospect 2	32°18'00.20"N -64°45'55.50"W	Quarry XPICV	32°20'23.60"N -64°42'19.10"W
6222.05	5970.00	Prospect 2	32°18'00.20"N -64°45'55.50"W	Quarry XPIC H	32°20'23.60"N -64°42'19.10"W
13174.50	12908.50	Prospect 2	32°18'00.20"N -64°45'55.50"W	Incinerator	32°18'29.70"N -64°45'58.90"W
13216.50	12950.50	Prospect 2	32°18'00.20"N -64°45'55.50"W	Seon Place	32°17'35.72"N -64°46'41.09"W
13241.00	12975.00	Prospect 2	32°18'00.20"N -64°45'55.50"W	Elbow Beach 1	32°16'36.60"N -64°46'40.10"W
13159.00	12893.00	Prospect 2	32°18'00.20"N -64°45'55.50"W	Court Street Store	32°17'44.70"N -64°46'50.30"W

Assigned Frequencies (MHz)		Site Name 1	GPS (Site Name 1)	Site Name 2	GPS (Site Name 2)
12955.50	13221.50	Ft. George	32°22'48.00"N -64°40'56.00"W	Quarry	32°20'23.60"N -64°42'19.10"W
5940.00	6192.05	Ft. George	32°22'48.00"N -64°40'56.00"W	Prospect	32°18'00.20"N -64°45'55.50"W
12961.00	13227.00	Ft. George	32°22'48.00"N -64°40'56.00"W	DAO	32°22'00.30"N -64°40'13.40"W
13202.50	12936.50	DAO	32°22'00.30"N -64°40'13.40"W	St. David	32°21'50.60"N -64°39'06.00"W
12936.00	13202.50	DAO	32°22'00.30"N -64°40'13.40"W	Focus	32°23'02.20"N -64°40'06.70"W
13202.50	12936.50	Quarry	32°20'23.60"N -64°42'19.10"W	Augustus	32°21'01.60"N -64°43'04.70"W
13171.00	12905.00	Quarry	32°20'23.60"N -64°42'19.10"W	Peak	32°19'02.70"N -64°43'59.50"W
13195.50	12929.50	Quarry	32°20'23.60"N -64°42'19.10"W	Airport Mail	32°21'52.61"N -64°42'11.35"W
13195.50	12929.50	Quarry	32°20'23.60"N -64°42'19.10"W	Knapton Hill	32°18'59.60"N -64°43'08.60"W
13195.50	12929.50	Peak	32°19'02.70"N -64°43'59.50"W	Shelly Bay	32°20'08.60"N -64°44'11.20"W
12929.50	13195.50	Shelly Bay	32°20'08.60"N -64°44'11.20"W	Peak	32°19'02.70"N -64°43'59.50"W
5970.00	6222.50	Alton Hill	32°14'55.90"N -64°51'41.90"W	Prospect (XPIC)	32°18'00.20"N -64°45'55.50"W
6192.50	5940.00	Alton Hill	32°14'55.90"N -64°51'41.90"W	Cumberland	32°17'42.90"N -64°47'11.20"W
13199.00	12933.00	Alton Hill	32°14'55.90"N -64°51'41.90"W	Warwick	32°15'23.00"N -64°49'01.90"W
6192.05	5940.00	Alton Hill	32°14'55.90"N -64°51'41.90"W	Tudor	32°15'56.90"N -64°52'39.80"W
6232.50	5980.00	Alton Hill	32°14'55.90"N -64°51'41.90"W	Somerset	32°17'52.00"N -64°51'54.00"W
6222.05	5970.00	Alton Hill	32°14'55.90"N -64°51'41.90"W	Dockyard	32°19'17.20"N -64°50'18.80"W
12898.00	13164.00	Warwick	32°15'23.00"N -64°49'01.90"W	Elbow Beach 2	32°16'32.00"N -64°46'34.90"W
13164.00	12898.00	Elbow Beach 2	32°16'32.00"N -64°46'34.90"W	Elbow Beach 1	32°16'36.60"N -64°46'40.10"W
5995.00	6247.05	Tudor Hill	32°15'56.90"N -64°52'39.80"W	Alton Hill	32°14'55.90"N -64°51'41.90"W

Assigned Frequencies (MHz)		Site Name 1	GPS (Site Name 1)	Site Name 2	GPS (Site Name 2)
5995.00	6247.05	Tudor Hill	32°15'56.90"N -64°52'39.80"W	Ft. Scaur	32°17'08.40"N -64°52'21.20"W
12929.50	13195.50	Cumberland House	32°17'42.90"N -64°47'11.20"W	Eves Hill	32°18'07.20"N -64°47'40.20"W
12933.00	13199.00	Cumberland House	32°17'42.90"N -64°47'11.20"W	Magnolia House	32°17'41.08"N -64°46'55.06"W
12929.50	13195.50	Washington Mall	32°17'35.60"N -64°47'04.80"W	Waterfront	32°17'27.01"N -64°47'29.24"W
12891.00	13157.00	Belmont	32°16'34.40"N -64°47'58.20"W	Lusher Lane	32°15'52.60"N -64°48'27.50"W

Telecommunications Networks Limited

Assigned Frequencies (MHz) ¹		Site Name 1	GPS (Site Name 1)	Site Name 2	GPS (Site Name 2)
Rx	Tx				
7470.00	7624.00	Prospect (Site1)	32°18'01.65"N -64°45'55.64"W	Warwick Camp	32°15'22.80"N -64°49'00.07"W
7498.00	7652.00	Prospect (Site1)	32°18'01.65"N -64°45'55.64"W	Ft. George	32°22'49.28"N -64°40'57.87"W
7526.00	7680.00	Prospect (Site1)	32°18'01.65"N -64°45'55.64"W	DAO	32°22'01.05"N -64°40'12.67"W
7554.00	7708.00	Ft. Scaur	32°17'09.75"N -64°52'23.07"W	Alton Hill	32°14'56.05"N -64°51'41.44"W
7442.00	7687.00	Prospect (Site1)	32°18'01.65"N -64°45'55.64"W	Alton Hill	32°14'56.05"N -64°51'41.44"W
460.10	465.10	Prospect (Site1)	32°18'01.65"N -64°45'55.64"W	Port Royal	32°15'52.49"N -64°52'14.59"W

¹ The Licensee has been authorised to establish Microwave Links between 7442 MHz and 7883 MHz. The channels set forth below are in use as at the date of this Spectrum Licence.