

A G R E E M E N T

**between Telecommunications Administrations of Poland and Russia
about the utilization of the frequency bands 1710-1785 MHz and 1805-1880 MHz
in the boundary areas
for introduction of the Public Land Mobile Telephony System DCS-1800**

Preamble

According to Article 7 of Radio Regulations, the representatives of Telecommunications Administrations of Poland and Russia in view concluded the present Agreement concerning the use of the frequency bands 1710-1785 MHz and 1805-1880 MHz with the purpose of preventing of mutual interference to land mobile service, using DCS 1800 standard, and optimizing the use of above-stated frequency bands on a mutually coordinated basis.

In order to eliminate the possible disagreements, the Telecommunications Administrations of Poland and Russia will be guided by necessity of observance of the main provisions of Vienna Agreement (1993) and CEPT Recommendations T/R 25-08 and T/R 22-07, when carrying out the coordination of the frequency assignments.

1. Frequencies

- 1.1 The DCS 1800 system frequencies, specified in the Annex 1, are allocated as preferential between Telecommunications Administrations of Poland and Russia in view of equal number of duplex channels.
- 1.2 The central frequencies of the duplex channels for DCS 1800 system in frequency bands 1710-1785 MHz and 1805-1880 MHz are submitted in the Annex 2.
- 1.3 Agreed preferential channels may be used for stations in the Poland/Russia border areas , excluding stations situated in the circular area of 15 km radius around the point of LTU/POL/RUS borders junction.
- 1.4 If preferential channel assignments, established by this bilateral Agreement may interfere with preferential channels established by multilateral Agreements (as shown in Annex 3), then the latter multilaterally established preferential channels shall have priority over the bilaterally established.

2. Characteristics

- 2.1 The preferable channels may be used without coordination with the neighbouring country, if value of a field strength at a distance of 15 km far inland from border of neighbouring country and at 3 m height above a ground level for 10% of time and 50% of locations does not exceed 25 dB μ V/m for each carrier of base station.
- 2.2 Each Telecommunications Administration shall inform the neighbouring countries about the introduced frequency assignment on preferable channels prior to the beginning of frequency assignment use.
- 2.3 Each Telecommunications Administration may use preferable channels of another Administration by its consent as a result of coordination, which should be made, if value of field strength from interfering base station exceeds 25 dB μ V/m at 3 m height above a ground level for 10% of time and 50% of locations at the border between two states.
- 2.4 The coordination procedure, and also the form and volume of the information, submitted to coordination of frequency assignment, should meet the Vienna Agreement and CEPT Recommendation T/R 22-07 with the exception, that duration of coordination process does not exceed 60 days. The Telecommunications Administrations can also agree about other procedures.
- 2.5 In the presence of interference the claims shall be submitted in accordance with the Appendix 23 of Radio Regulations.

The Telecommunications Administrations must take all possible measures in order to eliminate the possible interference.

3. Revision of the agreement

- 3.1 The present Agreement can be extended or complemented at any time by the initiative of any Telecommunications Administration in the presence of other Administrations consent.
- 3.2 This agreement can be revised or cancelled by common consent of both Administrations.

4. Coming into force

Present Agreement enters into force after it has been signed by all Telecommunications Administrations.

The present Agreement has been drawn up in English version, in two copies:

- ☐ One copy for Poland
- ☐ One copy for Russia,

Kaliningrad

10.04. 1998

On behalf of Telecommunications Administration of Poland



Grzegorz Pachniewski

On behalf of Telecommunications Administration of Russia



Alexander Kokorev

Annex 1

Preferential frequencies for DCS-1800 system in border areas of Poland and Russia

549	586	623	661	699	736	773	811	848	885
POL (38)	RUS (37)	POL (37)	RUS (38)	POL (38)	RUS (37)	POL (37)	RUS (38)	POL (37)	RUS (37)
512	550	587	624	662	700	737	774	812	849

For the Administration of Poland:



Grzegorz Pachniewski

For the Administration of Russia:



Alexander Kokorev

Kaliningrad

10.04.1998



List of DCS 1800 system frequencies

Ch. No.	BS, MHz	MS, MHz	Ch. No.	BS, MHz	MS, MHz	Ch. No.	BS, MHz	MS, MHz
512	1805.20	1710.20	561	1815.00	1720.00	611	1825.00	1730.00
513	1805.40	1710.40	562	1815.20	1720.20	612	1825.20	1730.20
514	1805.60	1710.60	563	1815.40	1720.40	613	1825.40	1730.40
515	1805.80	1710.80	564	1815.60	1720.60	614	1825.60	1730.60
516	1806.00	1711.00	565	1815.80	1720.80	615	1825.80	1730.80
517	1806.20	1711.20	566	1816.00	1721.00	616	1826.00	1731.00
518	1806.40	1711.40	567	1816.20	1721.20	617	1826.20	1731.20
519	1806.60	1711.60	568	1816.40	1721.40	618	1826.40	1731.40
520	1806.80	1711.80	569	1816.60	1721.60	619	1826.60	1731.60
521	1807.00	1712.00	570	1816.80	1721.80	620	1826.80	1731.80
522	1807.20	1712.20	571	1817.00	1722.00	621	1827.00	1732.00
523	1807.40	1712.40	572	1817.20	1722.20	622	1827.20	1732.20
524	1807.60	1712.60	573	1817.40	1722.40	623	1827.40	1732.40
525	1807.80	1712.80	574	1817.60	1722.60	624	1827.60	1732.60
526	1808.00	1713.00	575	1817.80	1722.80	625	1827.80	1732.80
527	1808.20	1713.20	576	1818.00	1723.00	626	1828.00	1733.00
528	1808.40	1713.40	577	1818.20	1723.20	627	1828.20	1733.20
529	1808.60	1713.60	578	1818.40	1723.40	628	1828.40	1733.40
530	1808.80	1713.80	579	1818.60	1723.60	629	1828.60	1733.60
531	1809.00	1714.00	580	1818.80	1723.80	630	1828.80	1733.80
532	1809.20	1714.20	581	1819.00	1724.00	631	1829.00	1734.00
533	1809.40	1714.40	582	1819.20	1724.20	632	1829.20	1734.20
534	1809.60	1714.60	583	1819.40	1724.40	633	1829.40	1734.40
535	1809.80	1714.80	584	1819.60	1724.60	634	1829.60	1734.60
536	1810.00	1715.00	585	1819.80	1724.80	635	1829.80	1734.80
537	1810.20	1715.20	586	1820.00	1725.00	636	1830.00	1735.00
538	1810.40	1715.40	587	1820.20	1725.20	637	1830.20	1735.20
539	1810.60	1715.60	588	1820.40	1725.40	638	1830.40	1735.40
540	1810.80	1715.80	589	1820.60	1725.60	639	1830.60	1735.60
541	1811.00	1716.00	590	1820.80	1725.80	640	1830.80	1735.80
542	1811.20	1716.20	591	1821.00	1726.00	641	1831.00	1736.00
543	1811.40	1716.40	592	1821.20	1726.20	642	1831.20	1736.20
544	1811.60	1716.60	593	1821.40	1726.40	643	1831.40	1736.40
545	1811.80	1716.80	594	1821.60	1726.60	644	1831.60	1736.60
546	1812.00	1717.00	595	1821.80	1726.80	645	1831.80	1736.80
547	1812.20	1717.20	596	1822.00	1727.00	646	1832.00	1737.00
548	1812.40	1717.40	597	1822.20	1727.20	647	1832.20	1737.20
549	1812.60	1717.60	598	1822.40	1727.40	648	1832.40	1737.40
550	1812.80	1717.80	599	1822.60	1727.60	649	1832.60	1737.60
551	1813.00	1718.00	600	1822.80	1727.80	650	1832.80	1737.80
552	1813.20	1718.20	601	1823.00	1728.00	651	1833.00	1738.00
553	1813.40	1718.40	602	1823.20	1728.20	652	1833.20	1738.20
554	1813.60	1718.60	603	1823.40	1728.40	653	1833.40	1738.40
555	1813.80	1718.80	604	1823.60	1728.60	654	1833.60	1738.60
556	1814.00	1719.00	605	1823.80	1728.80	655	1833.80	1738.80
557	1814.20	1719.20	606	1824.00	1729.00	656	1834.00	1739.00
558	1814.40	1719.40	607	1824.20	1729.20	657	1834.20	1739.20
559	1814.60	1719.60	608	1824.40	1729.40	658	1834.40	1739.40
560	1814.80	1719.80	609	1824.60	1729.60	659	1834.60	1739.60
			610	1824.80	1729.80	660	1834.80	1739.80

Ch. No.	BS, MHz	MS, MHz	Ch. No.	BS, MHz	MS, MHz	Ch. No.	BS, MHz	MS, MHz
661	1835.00	1740.00	711	1845.00	1750.00	761	1855.00	1760.00
662	1835.20	1740.20	712	1845.20	1750.20	762	1855.20	1760.20
663	1835.40	1740.40	713	1845.40	1750.40	763	1855.40	1760.40
664	1835.60	1740.60	714	1845.60	1750.60	764	1855.60	1760.60
665	1835.80	1740.80	715	1845.80	1750.80	765	1855.80	1760.80
666	1836.00	1741.00	716	1846.00	1751.00	766	1856.00	1761.00
667	1836.20	1741.20	717	1846.20	1751.20	767	1856.20	1761.20
668	1836.40	1741.40	718	1846.40	1751.40	768	1856.40	1761.40
669	1836.60	1741.60	719	1846.60	1751.60	769	1856.60	1761.60
670	1836.80	1741.80	720	1846.80	1751.80	770	1856.80	1761.80
671	1837.00	1742.00	721	1847.00	1752.00	771	1857.00	1762.00
672	1837.20	1742.20	722	1847.20	1752.20	772	1857.20	1762.20
673	1837.40	1742.40	723	1847.40	1752.40	773	1857.40	1762.40
674	1837.60	1742.60	724	1847.60	1752.60	774	1857.60	1762.60
675	1837.80	1742.80	725	1847.80	1752.80	775	1857.80	1762.80
676	1838.00	1743.00	726	1848.00	1753.00	776	1858.00	1763.00
677	1838.20	1743.20	727	1848.20	1753.20	777	1858.20	1763.20
678	1838.40	1743.40	728	1848.40	1753.40	778	1858.40	1763.40
679	1838.60	1743.60	729	1848.60	1753.60	779	1858.60	1763.60
680	1838.80	1743.80	730	1848.80	1753.80	780	1858.80	1763.80
681	1839.00	1744.00	731	1849.00	1754.00	781	1859.00	1764.00
682	1839.20	1744.20	732	1849.20	1754.20	782	1859.20	1764.20
683	1839.40	1744.40	733	1849.40	1754.40	783	1859.40	1764.40
684	1839.60	1744.60	734	1849.60	1754.60	784	1859.60	1764.60
685	1839.80	1744.80	735	1849.80	1754.80	785	1859.80	1764.80
686	1840.00	1745.00	736	1850.00	1755.00	786	1860.00	1765.00
687	1840.20	1745.20	737	1850.20	1755.20	787	1860.20	1765.20
688	1840.40	1745.40	738	1850.40	1755.40	788	1860.40	1765.40
689	1840.60	1745.60	739	1850.60	1755.60	789	1860.60	1765.60
690	1840.80	1745.80	740	1850.80	1755.80	790	1860.80	1765.80
691	1841.00	1746.00	741	1851.00	1756.00	791	1861.00	1766.00
692	1841.20	1746.20	742	1851.20	1756.20	792	1861.20	1766.20
693	1841.40	1746.40	743	1851.40	1756.40	793	1861.40	1766.40
694	1841.60	1746.60	744	1851.60	1756.60	794	1861.60	1766.60
695	1841.80	1746.80	745	1851.80	1756.80	795	1861.80	1766.80
696	1842.00	1747.00	746	1852.00	1757.00	796	1862.00	1767.00
697	1842.20	1747.20	747	1852.20	1757.20	797	1862.20	1767.20
698	1842.40	1747.40	748	1852.40	1757.40	798	1862.40	1767.40
699	1842.60	1747.60	749	1852.60	1757.60	799	1862.60	1767.60
700	1842.80	1747.80	750	1852.80	1757.80	800	1862.80	1767.80
701	1843.00	1748.00	751	1853.00	1758.00	801	1863.00	1768.00
702	1843.20	1748.20	752	1853.20	1758.20	802	1863.20	1768.20
703	1843.40	1748.40	753	1853.40	1758.40	803	1863.40	1768.40
704	1843.60	1748.60	754	1853.60	1758.60	804	1863.60	1768.60
705	1843.80	1748.80	755	1853.80	1758.80	805	1863.80	1768.80
706	1844.00	1749.00	756	1854.00	1759.00	806	1864.00	1769.00
707	1844.20	1749.20	757	1854.20	1759.20	807	1864.20	1769.20
708	1844.40	1749.40	758	1854.40	1759.40	808	1864.40	1769.40
709	1844.60	1749.60	759	1854.60	1759.60	809	1864.60	1769.60
710	1844.80	1749.80	760	1854.80	1759.80	810	1864.80	1769.80

Ch. No.	BS, MHz	MS, MHz	Ch. No.	BS, MHz	MS, MHz	Ch. No.	BS, MHz	MS, MHz
811	1865.00	1770.00	861	1875.00	1780.00			
812	1865.20	1770.20	862	1875.20	1780.20			
813	1865.40	1770.40	863	1875.40	1780.40			
814	1865.60	1770.60	864	1875.60	1780.60			
815	1865.80	1770.80	865	1875.80	1780.80			
816	1866.00	1771.00	866	1876.00	1781.00			
817	1866.20	1771.20	867	1876.20	1781.20			
818	1866.40	1771.40	868	1876.40	1781.40			
819	1866.60	1771.60	869	1876.60	1781.60			
820	1866.80	1771.80	870	1876.80	1781.80			
821	1867.00	1772.00	871	1877.00	1782.00			
822	1867.20	1772.20	872	1877.20	1782.20			
823	1867.40	1772.40	873	1877.40	1782.40			
824	1867.60	1772.60	874	1877.60	1782.60			
825	1867.80	1772.80	875	1877.80	1782.80			
826	1868.00	1773.00	876	1878.00	1783.00			
827	1868.20	1773.20	877	1878.20	1783.20			
828	1868.40	1773.40	878	1878.40	1783.40			
829	1868.60	1773.60	879	1878.60	1783.60			
830	1868.80	1773.80	880	1878.80	1783.80			
831	1869.00	1774.00	881	1879.00	1784.00			
832	1869.20	1774.20	882	1879.20	1784.20			
833	1869.40	1774.40	883	1879.40	1784.40			
834	1869.60	1774.60	884	1879.60	1784.60			
835	1869.80	1774.80	885	1879.80	1784.80			
836	1870.00	1775.00						
837	1870.20	1775.20						
838	1870.40	1775.40						
839	1870.60	1775.60						
840	1870.80	1775.80						
841	1871.00	1776.00						
842	1871.20	1776.20						
843	1871.40	1776.40						
844	1871.60	1776.60						
845	1871.80	1776.80						
846	1872.00	1777.00						
847	1872.20	1777.20						
848	1872.40	1777.40						
849	1872.60	1777.60						
850	1872.80	1777.80						
851	1873.00	1778.00						
852	1873.20	1778.20						
853	1873.40	1778.40						
854	1873.60	1778.60						
855	1873.80	1778.80						
856	1874.00	1779.00						
857	1874.20	1779.20						
858	1874.40	1779.40						
859	1874.60	1779.60						
860	1874.80	1779.80						

ANNEX 3

Preferential frequencies for DCS-1800 system in border areas of Lithuania, Poland and Russia

512	RUS (112)	623	661	699	736	773	811	848	860	872	885
		LTU (38)	POL (38)	LTU (37)	POL (37)	LTU (38)	POL (37)	RUS (12)	LTU (12)	POL (13)	
		624	662	700	737	774	812	849	861	873	

For the Administration of Lithuania:



Anicetas Stelingis

For the Administration of Poland:



Grzegorz Pachniewski

For the Administration of Russia:



Alexander Kokorev

Kaliningrad

10.04.1998


