



INTERNATIONAL RADIOTELEGRAPH CONVENTION OF WASHINGTON, 1927.

INTERNATIONAL RADIOTELEGRAPH CONVENTION AND GENERAL AND SUPPLEMENTARY REGULATIONS.

Signed at Washington, 25th November 1927.

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RADIOTELEGRAPH REGULATIONS, WASHINGTON, 1927. [Art. 5.]

Frequencies in Kilocycles per Second (kc/s.)	Approximate Wave-lengths in Metres.	Services.
10-100	30,000-3,000	Fixed services.
100-110	3,000-2,725	Fixed services and mobile services.
110-125	2,725-2,400	Mobile services.
125-150 ¹	2,400-2,000 ¹	Maritime mobile services open to public correspondence exclusively.
150-160	2,000-1,875	Mobile services. (a) Broadcasting. (b) Fixed services. (c) Mobile services. The conditions for use of this band are subject to the following regional arrangements:
160-194	1,875-1,550	All regions where broadcasting stations now exist working on frequencies below 300 kc/s (above 1,000 m.). } broadcasting. Other regions { Fixed services. Mobile services. Regional arrangements will respect the rights of other regions in this band.
194-285	1,550-1,050	(a) Mobile services. (b) Fixed services. (c) Broadcasting. The conditions for use of this band are subject to the following regional arrangements: (a) Air mobile services exclusively. (b) Air fixed services exclusively. (c) Within the band 250-285 kc/s (1,200-1,050 m.). Fixed services not open to public correspondence. (d) Broadcasting within the band 194-224 kc/s (1,550-1,340 m.). Europe { (a) Mobile services except commercial ship stations. Other regions { (b) Air fixed services exclusively. (c) Fixed services not open to public correspondence.
285-315	1,050-950	Radiobeacons.
315-350 ²	950-850 ²	Air mobile services exclusively.
350-360	850-830	Mobile services not open to public correspondence.
360-390	830-770	(a) Direction-finding. (b) Mobile services, on condition that they do not interfere with direction-finding.
390-460	770-650	Mobile services.
460-485	650-620	Mobile services (except damped waves and radiotelephony).
485-515 ³	620-580 ³	Mobile services (distress, calling, etc.).
515-550	580-545	Mobile services not open to public correspondence (except damped waves and radiotelephony).

¹ The wave of 143 kc/s (2,100 m.) is the calling wave for mobile stations using long continuous waves.

² The wave of 333 kc/s (900 m.) is the international calling wave for air services.

³ The wave of 500 kc/s (600 m.) is the international calling and distress wave. It may be used for other purposes on condition that such use does not interfere with calls and distress signals.

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Frequencies in Kilocycles per Second (kc/s.)	Approximate Wave-lengths in Metres.	Services.
550-1,300 ⁴	545-230 ⁴	Broadcasting.
1,300-1,500	230-200	(a) Broadcasting. (b) Maritime mobile services, wave of 1,365 kc/s (220 m.) exclusively.
1,500-1,715	200-175	Mobile services.
1,715-2,000	175-150	Mobile services. Fixed services. Amateurs.
2,000-2,250	150-133	Mobile services and fixed services.
2,250-2,750	133-109	Mobile services.
2,750-2,850	109-105	Fixed services.
2,850-3,500	105-85	Mobile services and fixed services. Mobile services.
3,500-4,000	85-75	Fixed services. Amateurs.
4,000-5,500	75-54	Mobile services and fixed services.
5,500-5,700	54-52.7	Mobile services.
5,700-6,000	52.7-50	Fixed services.
6,000-6,150	50-48.8	Broadcasting.
6,150-6,675	48.8-45	Mobile services.
6,675-7,000	45-42.8	Fixed services.
7,000-7,300	42.8-41	Amateurs.
7,300-8,200	41-36.6	Fixed services.
8,200-8,550	36.6-35.1	Mobile services.
8,550-8,900	35.1-33.7	Mobile services and fixed services.
8,900-9,500	33.7-31.6	Fixed services.
9,500-9,600	31.6-31.2	Broadcasting.
9,600-11,000	31.2-27.3	Fixed services.
11,000-11,400	27.3-26.3	Mobile services.
11,400-11,700	26.3-25.6	Fixed services.
11,700-11,900	25.6-25.2	Broadcasting.
11,900-12,300	25.2-24.4	Fixed services.
12,300-12,825	24.4-23.4	Mobile services.
12,825-13,350	23.4-22.4	Mobile services and fixed services.
13,350-14,000	22.4-21.4	Fixed services.
14,000-14,400	21.4-20.8	Amateurs.
14,400-15,100	20.8-19.85	Fixed services.
15,100-15,350	19.85-19.55	Broadcasting.
15,350-16,400	19.55-18.3	Fixed services.
16,400-17,100	18.3-17.5	Mobile services.
17,100-17,750	17.5-16.9	Mobile services and fixed services.
17,750-17,800	16.9-16.85	Broadcasting.
17,800-21,450	16.85-14	Fixed services.
21,450-21,550	14-13.9	Broadcasting.
21,550-22,300	13.9-13.45	Mobile services.
22,300-23,000	13.45-13.1	Mobile services and fixed services.
23,000-28,000	13.1-10.7	Not reserved.
28,000-30,000	10.7-10	Amateurs and experiments.
30,000-56,000	10-5.35	Not reserved.
56,000-60,000	5.35-5	Amateurs and experiments.
Above 60,000	Below 5	Not reserved.

⁴ Mobile services may use the band 550 to 1,300 kc/s (545-230 m.) on condition that such use does not interfere with the services of a country which uses this band exclusively for broadcasting.

NOTE.—It is recognized that short waves (frequencies from 6,000 to 23,000 kc/s approximately—wave lengths from 50 to 13 m. approximately) are very efficient for long distance communications. It is recommended that as a general rule this band of waves should be reserved for that purpose, in services between fixed points.