

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.
		(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.
194-285	1,550-1,050	Europe { (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.).
		(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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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.
2,000-2,250	150-133	Amateurs.
2,250-2,750	133-109	Mobile services and fixed services.
2,750-2,850	109-105	Mobile services.
2,850-3,500	105-85	Fixed services.
3,500-4,000	85-75	Mobile services and fixed services.
4,000-5,500	75-54	Mobile services.
5,500-5,700	54-52.7	Fixed services.
5,700-6,000	52.7-50	Broadcasting.
6,000-6,150	50-48.8	Mobile services.
6,150-6,675	48.8-45	Fixed services.
6,675-7,000	45-42.8	Amateurs.
7,000-7,300	42.8-41	Fixed services.
7,300-8,200	41-36.6	Mobile services.
8,200-8,550	36.6-35.1	Mobile services and fixed services.
8,550-8,900	35.1-33.7	Fixed services.
8,900-9,500	33.7-31.6	Broadcasting.
9,500-9,600	31.6-31.2	Fixed services.
9,600-11,000	31.2-27.3	Mobile services.
11,000-11,400	27.3-26.3	Fixed services.
11,400-11,700	26.3-25.6	Broadcasting.
11,700-11,900	25.6-25.2	Fixed services.
11,900-12,300	25.2-24.4	Mobile services.
12,300-12,825	24.4-23.4	Mobile services and fixed services.
12,825-13,350	23.4-22.4	Fixed services.
13,350-14,000	22.4-21.4	Amateurs.
14,000-14,400	21.4-20.8	Fixed services.
14,400-15,100	20.8-19.85	Broadcasting.
15,100-15,350	19.85-19.55	Fixed services.
15,350-16,400	19.55-18.3	Mobile services.
16,400-17,100	18.3-17.5	Mobile services and fixed services.
17,100-17,750	17.5-16.9	Broadcasting.
17,750-17,800	16.9-16.85	Fixed services.
17,800-21,450	16.85-14	Broadcasting.
21,450-21,550	14-13.9	Mobile services.
21,550-22,300	13.9-13.45	Mobile services and fixed services.
22,300-23,000	13.45-13.1	Not reserved.
23,000-28,000	13.1-10.7	Amateurs and experiments.
28,000-30,000	10.7-10	Not reserved.
30,000-56,000	10-5.35	Amateurs and experiments.
56,000-60,000	5.35-5	Not reserved.
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.