

## FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON 25, D.C.

### PUBLIC NOTICE

Frequency Service Allocations to Non-Government Fixed and Mobile Services in the Band 42-44 Mc

(July 19, 1946)

The Federal Communications Commission today announced the service-allocations of specific frequencies to non-government fixed and mobile services in the band 42-44 Mc. The number of channels to be provided for each of the various services was announced in the Commission's "Report of Allocations from 25,000 kilocycles to 30,000,000 kilocycles" (Docket 6651), dated May 25, 1945.

The listing of assignable frequencies in the attachment to this notice is predicated upon the use initially of 40 kc channels. The arrangement of the channels within the band is the same as that recommended to the Commission by Panel 13 of the Radio Technical Planning Board.

To avoid interference to the reception of FM broadcasts from FM stations still operating in the band 42-44 Mc, each such FM station will be protected until January 1, 1947, by the provision of an 800 kc guard band about its center frequency in the area in which it is located. As soon as receivers for the new FM band 88-108 Mc are generally available, it is expected that these FM stations will no longer use the band 42-50 Mc, and the guard bands defined in the footnotes to the attachment will no longer be required. In any event the 42-44 Mc band is to be cleared for non-government fixed and mobile operations no later than January 1, 1947. Before that date, the Commission will consider whether FM broadcasting stations now operating in the 42-44 Mc band shall be authorized temporarily to continue low-band operations by shifting to the 44-50 Mc band or whether they shall be required to confine their operations exclusively to the 88-108 Mc band.

*Attachment.—List of Assignable Frequencies by Services*

*Police—24 Channels*

42.02 Mc (2)	42.26 Mc (1)(2)	42.50 Mc (1)(2)(3)(4)	42.74 Mc (1)(3)
42.06 (2)	42.30(1)(2)	42.54(1)(3)(4)	42.78(1)(3)(4)
42.10(1)(2)	42.34(1)(2)	42.58(1)(3)(4)	42.82(1)(3)(4)
42.14(1)(2)	42.38(1)(2)	42.62(1)(3)(4)	42.86(1)(3)(4)
42.18(1)(2)	42.42(1)(2)(4)	42.66(1)(3)(4)	42.90(1)(3)(4)
42.22(1)(2)	42.46(1)(2)(4)	42.70(1)(3)(4)	42.94(3)(4)

*Provisional and Experimental—1 Channel*

42.98 Mc (3)(4)

*Maritime Mobile and Geophysical—5 Channels*

43.02 Mc (3)(4)	43.06 Mc (3)(4)	43.10 Mc (3)(4)	43.14 Mc (3)(4)
			43.18 Mc (3)(4)

*General Highway Mobile<sup>1</sup>—20 Channels*

43.22 Mc (3)	43.42 Mc	43.62 Mc (5)	43.82 Mc (5)
43.26 (3)	43.46	43.66 (5)	43.86(5)
43.30(3)	43.50(5)	43.70(5)	43.90(5)
43.34	43.54(5)	43.74(5)	43.94(5)
43.38	43.58(5)	43.78(5)	43.98(5)

<sup>1</sup> May provide radio communication service to all types of mobile units such as marine, land vehicles, aircraft, etc. Pending final determination of the best method of operation of this service, these channels will be assigned on an experimental basis—12 for development on a common carrier basis, 4 for trucks and 4 for buses, except in those cases where it is shown that a different distribution is more desirable.

(1) No assignments will be made to stations which operate within 100 miles of Chicago, Illinois, or Cleveland, Ohio, prior to January 1, 1947, unless the FM broadcasting station herein protected vacates its frequency before that date.

(2) No assignments will be made of stations which operate within 100 miles of New York City, or San Francisco, California, prior to January 1, 1947, unless the FM broadcasting station herein protected vacates its frequency before that date.

(3) No assignments will be made to stations which operate within 100 miles of Urbana, Illinois, or Lexington, Kentucky, prior to January 1, 1947, unless the FM broadcasting station herein protected vacates its frequency before that date.

(4) No assignments will be made to stations which operate within 150 miles of New York City prior to January 1, 1947, unless the FM broadcasting station herein protected vacates its frequency before that date.

(5) No assignments will be made to stations which operate within 150 miles of Berlin, New Hampshire, prior to January 1, 1947, unless the FM broadcasting station herein protected vacates its frequency before that date.