

readily increased to ten kilowatts if desired. Besides these possible increases in power, the transmitter is arranged for an instantaneous reduction to either 2.5 or 1 kilowatt to permit the station to operate at reduced power for certain hours of the day. These features, with the simple control and tuning arrangements, provide a highly flexible transmitter.

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### *Improved Mouthpiece for Operators' Transmitters*



*A shorter mouthpiece has recently been developed for operators' transmitters, primarily for use where records have to be consulted frequently, such as at information and intercepting positions. An improvement in vision results and this in turn provides more uniform transmission since there is less need for an operator to turn away from her mouthpiece.*

*The curve of the horn has been reduced and the flare at the larger end increased to make an opening of approximately the same size as that of the mouthpiece in use. The transmitter housing tilts at a higher angle than at present but this does not affect its performance at angles ordinarily met in practice.*

*The new horn, which is molded of phenol plastic instead of rubber, has a better appearance and a more durable finish.*