

CCGD 14
OAN
3 November 1955

Chief, Communications Division
VIA : Chief, Shore Units Division
Chief, Aids to Navigation Division

Loran stations; Communications requirement for

1. The communication requirement for a loran chain (station) is not restrictive. Primarily, communications must be reliable and reasonably fast between individual loran stations in the same chain and its immediate superior. A delay of one hour if necessary, is considered reasonable. Secondly, a requirement may exist to provide voice communications between the individual loran station and a supporting facility, whether aircraft or surface craft.
2. (a) Any loran station that is authorized to use the communication services of an Armed Force unit will not require communications equipment other than that enabling it to contact that unit directly and speedily. This may be classified as a category 1 (non isolated) station for communication purposes. If this station is supplied logistically by Coast Guard aircraft or surface craft it would be desirable, but not necessary, that it have the ability to conduct voice communications with logistics craft.

(b) A loran station that is located within an area that is not serviced by a nearby Armed Forces Communications Facility but is serviced by commercial facilities must have the authority to utilize the commercial facilities enabling it to contact its immediate superior and other loran stations. However, it should have a primary means of point-to-point communications with its immediate superior. Such a loran station would be classified as category 2 (semisolated) as far as communications is concerned. Again, if this station is serviced by Coast Guard air or surface craft it would be desirable, to have the ability to conduct voice communications with the logistics craft.

(c) A loran station that is located where there is neither an Armed Forces Communications Facility or a commercial facility in the vicinity must have the capability of being able to contact its immediate superior on a point-to-point circuit and must have the means to communicate with Coast Guard logistics craft. Such a station may be classified as category 3 (isolated) as far as communications is concerned.
3. If the military or commercial facilities utilized in categories 1 and 2 can not provide the required communications with the supporting vessels or aircraft then it will be necessary for the Coast Guard to provide such services.

5
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11/4