

Recommendation T/R 32-02 (Stockholm 1976)

FREQUENCIES TO BE USED BY ON-BOARD COMMUNICATION STATIONS*

Recommendation proposed by the "Radiocommunications" Working Group T/WG 3 (R)

Text of the Recommendation adopted by the "Telecommunications" Commission:

"The European Conference of Postal and Telecommunications Administrations,

considering

- a) that there exists a need for communications between different stations on board the same ship, particularly in the case of ships,
- b) that from the technical point of view the use of frequencies in the 450 MHz band provides good penetration inside the ship,
- c) that No. 669 of the Radio Regulations provides that frequencies 457.525 MHz, 457.550 MHz, 457.575 MHz, 467.525 MHz, 467.550 MHz and 467.575 MHz can be used by communication stations on board a ship,
- d) that according to No. 669 of the Radio Regulations, the use of these frequencies in territorial waters may be governed by the national legislation of the Administration concerned,
- e) that certain characteristics of appliances to be used are specified in Appendix 20 to the Radio Regulations,
- f) that according to No. 669 and Appendix 20 to the Radio Regulations, all frequencies allocated to on-board communication stations in the maritime mobile service can be used by relay stations,
- g) that the risk of harmful interference is greater when the same frequency is used by the transmitter of one relay station and by the receiver of another relay station,
- h) that it is desirable to standardise, as far as possible, the use of these frequencies at international level,
- i) that Appendix 20 to the Radio Regulations specifies that control, telemetry and other non-voice signals shall be coded in such a manner as to minimise the possibility of false response to interfering signals,
- j) that with systems using non-voice signals there exists some risk of false response to interference signals since in practice it is not possible to arrive at an international co-ordination of the codes to be used,
- k) that (radio) paging systems are necessary on board ships,

* See No. 74 of the Radio Regulations

recommends

1. that CEPT Member Administrations authorise, with as few restrictions as possible, the use of their territorial waters of frequencies 457.525 MHz, 457.550 MHz, 457.575 MHz, 467.525 MHz, 467.550 MHz and 467.575 MHz,
2. that the national regulations of CEPT Member Administrations specify that on-board communication stations should be able to operate on at least 3 of the frequencies mentioned in paragraph 1. above,
3. that the same national regulations (should) specify that frequencies 457.525 MHz, 457.550 MHz or 457.575 MHz must be used for transmissions by relay stations,
4. that when they authorise the operation, on the frequencies indicated in paragraph 1. above, of remote control or telemetry systems and other miscellaneous non-voice systems intended for navigation or safety, CEPT Member Administrations take into account:
 - the serious risk which may be caused by the false response of these systems to interfering signals,
 - the risk that the receivers of these systems may be jammed because of signals originating from other ships,
5. that public (radio) paging address systems allowed on board only use frequencies 457.525 MHz, 457.550 MHz, (or) 457.575 MHz.”