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INSTRUCTION MANUAL

This instruction manual is provided for helping applicants in completing Ship Station application form (SH application form).

Table A. Instructions to complete SH notice form for frequency assignment for the Ship station

FORM 7 II. SITE INFORMATION			
1. Vessel Station Information			
Item No. 1.1	Name of Vessel	Insert the ship's given name	Applicant
Item No. 1.2	Call Sign	Call sign of ship station provided by the ANC	ANC
Item No. 1.3	Gross Tonnage	Total enclosed space or internal capacity of a vessel, calculated in the terms of "tons" of 100 cubic feet each	Applicant
Item No. 1.4	Ship General Classification	Select on of following codes: FV: Fishing vessel NS: Naval ship PL: Pleasure craft NF: River vessel MM: Merchant ship GV: Official service ship SV: Rescue vessel XX: Unspecified	Applicant
Item No. 1.5	Ship Individual Identification	Insert up to two codes indicating the individual identification of ship	ANC
Item No. 1.6	Life Boats	Number of life boats	Applicant
Item No. 1.7	MMSI Number	Provides your MMSI (Maritime mobile service identity) number. If not issued, apply for MMSI separately	ANC
Item No. 1.8	Vessel Identification No.	IMO number or national registration number	Applicant
Item No. 1.9	Capacity for Persons on Board	Total number of passengers and crew	Applicant
2. Equipment Information			
Item No. 2.1	Name of Equipment	Insert the name of radio communication equipment installed in ship station.	Applicant
Item No. 2.2	Equipment Manufacture	Provide the radio communication equipment manufacturer	Applicant
Item No. 2.3	Equipment S/N	Insert the serial number of radio communication equipment	Applicant
Item No. 2.4	Equipment Model No.	Enter the model number of corresponding equipment	Applicant
Item No. 2.5	Power to antenna	Put the Signed value (positive or negative) of transmitting power to the antenna in dB for each sector	Applicant
Item No. 2.6	Power type	One of the X/Y/Z according to the following explanation: X Peak envelope power: the average power supplied to the Antenna by a transmitter during one radio frequency cycle at the crest of the modulation envelope taken under normal operating conditions (RR 1.157). Y Mean power: the average power supplied to the Antenna by a transmitter during an interval of time sufficiently long compared with the lowest frequency encountered in the modulation taken under normal operating conditions (RR 1.58). Z Carrier power: the average power supplied to the Antenna by a transmitter during one radio frequency cycle taken under the condition of no modulation (RR 1.159). Applicants who have difficulty in selecting one of X/Y/Z invited to negotiate with manufacturer or ANC experts.	Applicant
Item No. 2.7	Radiated power	Provide the maximum radiated power of the transmitter antenna in dBw	Applicant
Item No. 2.8	Radius of Coverage	The maximum geographical distance over which the radio communication network is intended to provide service in km	Applicant
3. Frequency Information			

Item No. 3.1	Frequency band	Frequency bands used for radiotelephony transmissions, indicated by one or more of the following symbols: S: frequency bands used in the maritime mobile-satellite service; T: bands between 1 605 and 4 000 kHz; U: bands between 4 000 and 27 500 kHz; V: bands between 156 and 156.8375 MHz.	Applicant
Item No. 3.2	Bandwidth	The angular width of the main lobe of radiation in each sector, measured in the horizontal plane containing the direction of the Transmitting Antenna's Maximum Gain, within which the off-axis gain in any direction does not fall more than 3 dB below the value of the Transmitting Antenna's Maximum Gain.	Applicant
Item No. 3.3	Emission designator	ANC will provide this information in accordance with the used modulation type and necessary bandwidth using notation in RR Appendix 1	ANC
Item No. 3.4	Channel separation	This is a measure of separation between the channels	ANC
4. Antenna Information			
Item No. 4.1	Azimuth	The angle of the direction of the Transmitting Antenna's Maximum Gain	Applicant
Item No. 4.2	Antenna Name	Provide the manufacturer common or specific name of the antenna	Applicant
Item No. 4.3	Class of Antenna	Means an antenna dipole and other antenna	Applicant
Item No. 4.4	Polarization	Check only one of the following eight options in accordance with the antenna radiation characteristics in each sector: V Vertical linear: the electric field vector is in the vertical plane. H Horizontal linear: the electric field vector is in the horizontal plane.	Applicant
Item No. 4.5	Antenna Gain	Give the maximum gain of the antenna in the direction of main lobe in dBi or dBd	Applicant
Item No. 4.6	Antenna Directivity	Directional transmitting antennas maybe pointing toward the ground	Applicant
Item No. 4.7	Horizontal Beam Width	Refer to the antenna pattern specification	Applicant