

EXEMPTION FROM THE REQUIREMENTS IN MARITIME RULE 40E.52(1)

PURSUANT TO Section 47 of the Maritime Transport Act 1994,

I, KENNY CRAWFORD, Deputy Director Maritime Safety Assurance, acting under delegated authority, being satisfied that –

- (a) the granting of the exemption will not breach New Zealand's obligations under any convention; and
- (b)(iii) the prescribed requirements are clearly unreasonable or inappropriate in the particular case; and
- (ba) the risk of harm to the marine environment will not be significantly increased by the granting of the exemption; and
- (c) the risk to safety will not be significantly increased by the granting of the exemption,

HEREBY EXEMPT:

Owners and masters of ships of less than 12 metres in length which are assigned inshore or coastal limits and that are subject to Part 40E of the Maritime Rules

FROM:

40E.52 Radiocommunication equipment

- (1) *The owner and the master of a ship must ensure that radiocommunication equipment is provided in accordance with the requirements of Appendix 5*

ONLY AS IT RELATES TO:

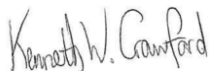
Appendix 5 requirements for source of electrical energy

PROVIDED THAT:

- a) The owner and the master of the ship ensure the applicable source of electrical energy requirements contained in the Schedule to this exemption are met; and
- b) All other requirements relating to batteries or alternate sources of powers and are met; and
- c) There is a practicable means to immediately isolate any non-essential electrical load from the power supply.

This exemption shall be valid until **1 December 2023**, unless withdrawn earlier in writing by the Director.

SIGNED at Wellington on this 26th day of February 2021.



Kenny Crawford
Deputy Director, Maritime Safety Assurance
Maritime New Zealand
Acting under Delegated Authority

Schedule to GE-04-21

Requirements for ships within a VHF coverage area that proceed beyond enclosed waters but do not proceed beyond a VHF coverage area

Item	Requirements
Source of electrical energy	<p>(1) At all times while a ship is at sea a re-chargeable battery must be—</p> <ul style="list-style-type: none"> (a) situated above the ship's design waterline; (b) capable of operating the fixed VHF radio installation; (c) of sufficient capacity to supply continuously, for a period of at least the applicable hours listed in table A below, a total current equal to the sum of— <ul style="list-style-type: none"> (i) the current consumption of the VHF radio receiver; and (ii) one-third of the current required to operate the VHF radio transmitter for the transmission of speech, with the transmitter operating at its full rated radio frequency output power; and (iii) the current consumption of the emergency electric light, if applicable. <p>(2) For ships that spend—</p> <ul style="list-style-type: none"> (a) less than 24 hours at sea at any one time, provision must be made for recharging the radio battery system within 10 hours; or (b) more than 24 hours at sea at one time, provision must be made for recharging the radio battery system within 10 hours while the ship is at sea. <p>(3) If a portable VHF radio is carried, duplicate batteries must be carried which each have sufficient capacity for the voyage.</p>

Requirements for ships that proceed beyond a VHF coverage area

Item	Requirements
Source of electrical energy	<p>(1) Every ship must have a main source of electrical power capable of operating the radio installations in the ship.</p> <p>(2) Every ship must have available, at all times while at sea, a reserve source of electrical power that—</p> <ul style="list-style-type: none"> (a) is located above the design waterline; (b) consists of rechargeable batteries of sufficient capacity to supply, continuously for a period of at least the applicable hours listed in table A below, a total current equal to the sum of— <ul style="list-style-type: none"> (i) the current required to operate the VHF radio receiver; and (ii) one half of the current required to operate the VHF radio transmitter for the transmission of speech, with the transmitter operating at its full rated frequency output power; and (iii) the current required to operate the MF/HF radio receiver; and (iv) one-half of the current required to operate the MF/HF radio transmitter for the transmission of speech, with the transmitter operating at its full rated radio frequency output power; and

	<p>(v) the emergency light.</p> <p>(3) Provision must be made for recharging the radio battery system, within 10 hours, while the ship is at sea.</p>
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Table A

Assigned operating limit for vessel	Battery duration
Inshore Limits	3 hours
Coastal Limits	6 hours