

Chapter 1 : VHF DSC Handbook – Adlard Coles App Ranking and Store Data | App Annie

The Reed's VHF DSC Handbook is a user-friendly guide that gets marine VHF radio users quickly up to speed with both the analogue and digital functions on the calendrierdelascience.com Fletcher's straightforward explanations and tips describe the leisure craft VHF DSC radio system in detail and its place within GMDSS.

The system also provides for agency and safety communications and the promulgation of Maritime Safety Information MSI - navigational and meteorological warnings and forecasts and other urgent safety information to ships. In other words, every ship is able, irrespective of the area in which it operates, to perform those communication functions which are essential for the safety of the ship itself and of other ships operating in the same area. Click the picture to enlarge. Under IMO legislation, all passenger vessels had to be fitted with the necessary equipment by , and all vessels over grt to be GMDSS equipped by the 1st February deadline. National administrations are also being encouraged to provide the necessary shore based infrastructure in sufficient time. At the press of a button, a ship can send its identity, position and nature of distress by either satellite or terrestrial communication. It will then be up to a shore based Rescue Co-ordination Centre RCC to alert vessels in the area to go to the aid of the casualty. This co-ordinating role of the RCC is a new one. Under the SOLAS system, ships in the area were required to monitor for distress alerts and then respond directly. It will no longer be necessary to sail with a specialist radio officer. The ICS Approach It is extremely important that both ship borne and land based equipment is easy to operate. This saves on training costs and the time required to become familiar with the equipment. DSC provides a means of automating all day-to-day marine terrestrial calling - making marine radio as easy to use as a telephone. DSC effectively provides the operator with a digital dialling system capable of ringing an alarm at a distant radio station when a call is addressed to that station. Like a telephone, you do not need to know how the call has been routed or even the frequency or channel being used. All you need is a means of alerting the other party by calling their number, and then a means of talking to them. The digital calling information is transmitted on specially designated channels. In the case of a VHF radio, this is Channel Channel 70 is dedicated for DSC use and must under no circumstances be used for anything else. The entire message is transmitted in one quick burst, thus reducing the demand time on the calling channel. In a distress situation, all necessary information can be sent automatically at the touch of a single button. Its identity is permanently coded into the radio in the form of the allocated vessels MMSI number. The nature of distress can also be selected by the operator if there is time to do so. Using digital coding, DSC automates all the radio functions with which existing marine operators are familiar. It also relieves the person at the other end from the tedious task of manual watch keeping. All the old familiar functions are still in place, but they now have English names and are accessible at the touch of a button. NAVTEX provides shipping with navigational and meteorological warnings and urgent information through automatic printouts from a dedicated receiver. How does it work? The power of each transmission is regulated so as to avoid the possibility of interference between transmitters. Messages such as navigational and meteorological warnings and search and rescue information are non-rejectable to ensure that ships equipped with NAVTEX always receive the most vital information. Users can choose to receive information from the single transmitter that serves the sea area around their position, or from a number of transmitters. An MMSI is composed of nine digits. This can prove invaluable, for example, to fishing fleets and shipping lines to keep in touch with other vessels within that group. A call made to a group rather than an individual MMSI will alert all vessels within that group. The database is updated on a weekly basis.

Chapter 2 : RYA First Aid Manual - Seavoice Training

Based on "Reeds VHF DSC Handbook" written by Sue Fletcher and published by Adlard Coles Nautical. An essential reference and learning tool for any seafarer, The VHF DSC Handbook App will ensure you get up to speed quickly with both the analogue and digital functions of a VHF radio.

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The Reed's VHF DSC Handbook is a user-friendly guide that gets marine VHF radio users quickly up to speed with both the analogue and digital functions on the radio. Sue Fletcher's straightforward explanations and tips describe the leisure craft VHF DSC radio system in detail and its place within GMDSS.

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About Reeds VHF/DSC Handbook. The Reed's VHF DSC Handbook is a user-friendly guide that gets marine VHF radio users quickly up to speed with both the analogue and digital functions on the radio.

Chapter 5 : Formats and Editions of Reeds VHF-DSC handbook [calendrierdelascience.com]

The Reed's VHF DSC Handbook is a user-friendly guide that gets marine VHF radio users quickly up to speed with both the analogue and digital functions on the radio. Sue Fletcher's straightforward explanations and tips.

Chapter 6 : Safe Skipper Boating Apps

Reeds VHF/DSC Handbook. Sue Fletcher. The Reed's VHF DSC Handbook is a user-friendly guide that gets marine VHF radio users quickly up to speed in using both the analogue and digital functions on the radio.

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The Reed's VHF DSC Handbook is a user-friendly guide that gets marine VHF radio users quickly up to speed with both the analogue and digital functions on the radio.

Chapter 9 : ICOM IC-MGE VHF Radio with inbuilt GPS - Seavoice Training

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