



Digital Control Systems

RAYMARINE TERMS OF USE

IMPORTANT: Please read this entire document. It is important that you fully understand the stated terms. If you have any questions or concerns about the information provided in this document, please contact your local Raymarine Product Support at:

www.raymarine.com/support

RAYMARINE ("RAYMARINE" or "we"), is a company registered in Meer, Belgium as FLIR Belgium BVBA, Luxemburgstraat 2, 2321 Meer, Belgium. We hereby wish to provide you with the requirements for using and installing Raymarine's range of Digital Control System (DCS) products, as updated and amended from time to time.

When installing a Raymarine Digital Control System, it is most important to follow best safe practices for the equipment type being controlled on the vessel and its operation and commissioning, to ensure it operates safely in the manner intended. Safety legislation requires that safety risks be assessed and addressed, such that the Raymarine Digital Control System and equipment being operated or controlled will not put anyone in a position of potential harm or risk of injury.

It is the boat manufacturer's and/or equipment installer's responsibilities to ensure that a full risk assessment of the Raymarine Digital Control System design is carried-out, and that the system is rigorously checked during commissioning for correct and safe operation. It is strongly recommended that these actions are carried out by appropriately trained personnel and in accordance with *IEC 61508: Functional Safety of Electrical and Electronic Programmable Equipment*. Particular care should be taken to ensure that appropriate redundancy and localized safety cut-off facilities are built-in to the design of the vessel's systems. More information about IEC 61508 is available at:

<http://www.iec.ch/functionalsafety>.

A file containing technical information relating to the risk assessment of the equipment, and a commissioning conformity assessment should be produced and maintained by the boat manufacturer and/or equipment installer. This information should be made available for inspection by Raymarine upon reasonable request.

Any future modification or changes to the above equipment installation should be fully risk assessed, validated during commissioning and added to the conformity assessment; careful attention should be made to ensure the changes do not impact any other systems on the vessel.

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