

EU RO Mutual Recognition Technical Requirements

Technical Interpretation (MR TI)

MR TI Ref: TI011	Relating to MR Technical Requirements for: TOUCH SCREEN I.E. A DISPLAY MONITOR OR A VIDEO SCREEN THAT IS ALSO AN INPUT DEVICE <i>(Version 0.1 adopted on July 2019)</i>	MR TI Version	0.0
		MR TI Status	Released
		MR TI Date of Issue	January 2020
		Tier	6
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Background:

A manufacturer of marine computers with integrated display and touch functionalities sought clarification on the possibility for MR Type Approval for their product in view of the MR Technical Requirements for:

- Computers and Programmable Logic Controllers (PLCs)
- Touch Screen i.e. a Display Monitor or a Video Screen that is also an Input Device
- Display Monitors, Video Screens, Terminals

The three TRs are referencing each other with respect to application and technical requirements. This is perceived as circular references with application limitations preventing MR Type Approval of this product.

EU RO MR Technical Committee Response:

The references are in general considered correct, clarifying which TR should be applied as basis for a MR Type Approval of a product, as well as referring to technical requirements provided for in other TRs when the product includes additional parts/functionalities.

However, the TR for “Touch Screen i.e. a Display Monitor or a Video Screen that is also an Input Device” has listed the following under **1.b Application limitations**:

d) Touch screens with CPU, where the CPU performs control, monitoring or alarm functions of vessel equipment or systems (see TR for “Computers and Programmable Logic Controllers (PLCs)”;

This may be perceived as an exclusion of such products from the MR scheme.

The EU RO MR Technical Committee confirms that this is not to be understood as an exclusion of touch screens with CPUs performing control functions from the MR scheme. The intention is to specify that such products are to be categorized as computers and type approved in accordance with the TR for “Computers and Programmable Logic Controllers (PLCs)”.

Date	Revision	Comment

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