

ICS 47.020.70

CCS U62



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 13602-2010

Replacing GB/T 13602-1992

Marine bridge control console (panel)

船舶驾驶室集中控制台(屏)

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Foreword

The standard instead of GB/T 13602-1992 "ship cab centralized control panel (Taiwan) technical conditions." This standard and GB/T 13602-1992 compared to the main changes are as follows: - the need to remove the product mark;

--- modified the use of indicators and button color principle requirements;

--- modified the ambient temperature, tilt and swing requirements, refined the vibration, humidity requirements;

--- modified the requirements of anti-power changes; - modified the requirements for the clearance and creepage distances;

--- modified the insulation resistance requirements;

--- modified the resistance to voltage and frequency requirements;

--- modified the requirements of the limit temperature;

--- to remove the requirements of the long mold;

--- increase the electrostatic discharge immunity, electromagnetic field immunity, low frequency conduction immunity, radio frequency transmission immunity, fast transient pulse group Immunity, surge (impact) immunity, radiation emission and transmission requirements; - Removed the transport test method; - a test method for increasing the clearance between the clearance and creepage;

--- modified the pressure test and temperature test cited the test method. This standard is proposed by China Shipbuilding Industry Corporation. This standard is under the jurisdiction of the Subcommittee on Marine Electrical Equipment Subcommittee (SAC/TC12/SC6) of the National Marine Ship Standardization Technical Committee. The drafting unit of this standard. China Shipbuilding Industry Corporation, the first 404 Institute, Nanjing navigation navigation equipment factory. The main drafters of this standard. Zhang Haiyan, Zheng Xuerun, Dong Jianming, Le Yi. This standard replaced the previous version of the standard release.

--- GB/T 13602-1992. Ship cab centralized console (screen)

1 Scope

GB/T 13602-2010 is the Chinese national standard on marine bridge control console (panel), in the field of shipbuilding and marine structures. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 2 September 2010 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2010. Classification: ICS 47.020.70, CCS U62. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the classification, requirements, test methods and inspection rules of the ship's cab centralized console (screen) And packaging, transportation, storage and so on. This standard is applicable to the design, manufacture and acceptance of the control station for centralized control of instruments, meters and so on in the ship's cab.

2 Normative reference documents

The terms of the following documents are hereby incorporated by reference into this standard. Whichever is the date of the reference file, which is followed by all (Excluding corrigenda) or revisions do not apply to this standard, however, encourage the parties to reach an agreement under this standard Whether you can use the latest version of these files. For undated references, the latest edition applies to this standard.

GB 4208-2008 enclosure protection class (IP code) (IEC 60529..2001, IDT)

GB/T 6113 (all parts) Radio disturbance and immunity measurement equipment and measurement methods

GB/T 10250 Electromagnetic compatibility of electrical and electronic equipment for ships (GB/T 10250-2007,

IEC 60533..1999, IDT) Low - voltage switchgear and controlgear - Part 1. General (IEC 60947-1..2001, MOD) GB 14048.1-2006.

GB/T 17626.2 Electromagnetic compatibility test and measurement technology Electrostatic discharge immunity test (GB/T 17626.2-2006,

IEC 61000-4-2..2001, IDT)

GB/T 17626.3 Electromagnetic compatibility test and measurement technology Radio frequency electromagnetic radiation immunity test (GB/T 17626.3- 2006,

IEC 61000-4-3..2002, IDT)

GB/T 17626.4 Electromagnetic compatibility test and measurement techniques Electrical fast transient burst immunity test (GB/T 17626.4- 2008,

IEC 61000-4-4..2004, IDT)

GB/T 17626.5 Electromagnetic compatibility test and measurement technology Surge (impact) immunity test (GB/T 17626.5-2008,

IEC 61000-4-5..2005, IDT)

GB/T 17626.6 Electromagnetic compatibility test and measurement techniques Radiofield induction conducted conducted disturbance immunity (GB/T 17626.6- 2008,

3 Structural type

The structure of the console is vertical and desktop.