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

GB/T 30953-2014

**Patrol gauging equipment for hydrometry
(English Translation)**

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard is proposed and administered by the People's Republic of China Ministry of Water Resources.

This standard is mainly drafted by. MWR hydrological instruments and geotechnical engineering Instrument Quality Supervision and Testing Center, Weifang Hohai hydrologic science Ltd., Nanjing Ministry of Water Resources Hydrological Institute of Automation, Shandong Hydrology Instrument Development Center, Ningbo Sunshine Auto Parts Co., Division Ningbo Beilun Cup China Hydraulic Equipment Co., Ltd.

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Hydrological Survey means

1 Scope

This standard specifies the Hydrologic Surveying device product classification, requirements, test methods, inspection rules and signs, packaging, transportation, storage,

use Instructions.

This standard applies to patrol hydrologic measuring device in the rivers, lakes, channels, reservoirs and other natural water bodies.

This standard also applies to the relevant part of the water environment (water quality), soil moisture (moisture) parameters measured hydrological monitoring vehicle movement.

Related to hydrology and water resources survey vehicle (private) or Hydrometeorological mobile laboratory may refer to this standard.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 4208-2008 shell protection (IP code) GB/T 9359-2001 hydrological instruments environmental testing conditions and methods GB/T 15966-2007 hydrological instrument basic parameters and general technical requirements GB/T 17626.5-2008 Electromagnetic compatibility - Testing and measurement techniques - Surge (impact) immunity test GB/T 17626.8-2006 Electromagnetic compatibility - Testing and measurement techniques - Power frequency magnetic field immunity test GB/T 18185-2000 hydrological instruments reliability technical requirements GB/T 18522.2 hydrologic instruments - Part 2. Reference Operating Conditions GB/T 18522.6 hydrologic instruments - Part 6. inspection rules and signs, packaging, transportation, storage and operation manual GB 18523-2001 hydrologic instrument safety requirements GB/T 19677-2005 Terms and symbols for hydrological Instruments SL/T 108-2006 hydrological instruments and automation systems Hydrological Model nomenclature SL/T 151-1995 hydrological winch SL195-1997 Hydrological Survey Specification SL/T 244-1999 hydrology cableway electrical and mechanical equipment and test equipment general technical conditions

3 Terms and Definitions

GB/T 19677-2005 define the following terms and definitions apply to this document.

Can bridge the various hydrographic survey, patrol and water/soil moisture (moisture) monitoring, hydrology and water resources survey means of special vehicle Collectively.

From the narrow sense, the traditional hydrologic measuring device is defined as a test with a special apparatus or equipment hydrology for hydrological monitoring elements Special technical equipment (and vehicle), which can also be used to monitor sudden water emergencies.

Hydrological measuring bridge car hydrometric vehicle for bridge A special test for hydrographic work on the bridge can be completed (simple) particular hydrological features

tour measurement Hydrological Survey