Fourth edition
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Hydrometry — Water level measuring devices

Hydrométrie — Appareils de mesure du niveau de l'eau

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Foreword

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 113 *Hydrometry*, Subcommittee SC 5, *Instruments, equipment and data management*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 318, *Hydrometry*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 4373:2008), which has been technically revised. The main changes are as follows:

— improvements in water level measuring devices have been incorporated;

— the use of mercury has been removed;

— the old Annex A has been divided into three new separate Annexes A, B and C;

— in the new Annex A, the electronic techniques that are currently more commonly used have been brought to the front in order to give them a greater emphasis.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Measuring the level of water surface is very important in hydrometry for the purpose of, among other things, determining flow rates. Information about water levels is also used in operational water management, including the design of dikes and storm surge warning services. Water level information also provides decision-making guidance to shipping activities.