



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale
Organización Meteorológica Mundial
Всемирная метеорологическая организация
المنظمة العالمية للأرصاد الجوية
世界气象组织

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Ref.: 28944/2022-1.61

文件编号: 28944/2022/I

2022 年 12 月 6 日

附件: 1 份 (仅提供英文版)

主题: 在海洋气候数据系统内建立海洋气象和海洋气候数据采集中心及对《海洋气象服务指南》(WMO-No. 471) 附录 1 的相关更新

需要采取的行动: 审议附件中提交 EC-76 的决议草案, 并在 **2023 年 2 月 27 日** 之前将意见 (赞成或反对) 发送至 plenary@wmo.int

尊敬的先生/女士,

提请您回顾根据“**决议 2 (EC-64)** – WMO/IOC 海洋学和海洋气象学联合技术委员会第四次届会的报告”和“**建议 2 (JCOMM-4)**”建立了海洋气候数据系统 (MCDS), 以规范和协调现有的气象和海洋 (海洋气象) 数据收集系统的活动。MCDS 弥补了存在的差距并建立了一个专门的 WMO-IOC 业务数据系统, 以期汇编具有已知质量的连贯性海洋气象和气候数据集, 其数据范围超出了基本气候变量 (ECV)。

《海洋气象服务指南》(WMO-No. 471) **附录 1** 中介绍了 MCDS 的三个层级: 海洋气象和海洋气候数据中心 (CMOC)、全球数据汇编中心 (GDAC) 和数据采集中心 (DAC)。

WMO 收到了美国加州大学圣地亚哥分校斯克里普斯海洋研究所 (SIO) 拉格朗日漂移实验室 (LDL) 提出承办 DAC 的申请。按照《海洋气象服务指南》(WMO-No. 471) **第 9 章** 和 **附录 1** 中的程序和标准对 LDL 的申请进行了评估。根据申请评估小组的评估和审议结果, 建议由美国建立和运行 LDL, 作为漂流浮标的 MCDS DAC。2021 年 12 月举行的 INFCOM 管理组第十一次会议重新审议并批准了该建议。

由于疏忽, 拟提交给第七十六次执行理事会届会 (EC-76) 关于建立 LDL 作为 MCDS 内漂流浮标 DAC 的一项含决议草案的建议未被列入 INFCOM-2 议程。考虑到漂流浮标开展的海洋观测对地球系统监测至关重要, 对 DAC 的指定不能等到 INFCOM-3 届会。INFCOM 主席希望根据《**总则**》**第 59 条** (基本文件-第 1 号 (WMO-No. 15)) 的规定, 代表 INFCOM 不经投票批准 INFCOM 管理组就此事宜向 EC-76 提交一项建议案的提议。

敬请 INFCOM 成员批准**附件**中拟提交给 EC-76 的决议草案。请将您的意见 (赞成或反对) 发送至 plenary@wmo.int。如果在 **2023 年 2 月 27 日之前** 没有收到反对意见, 该决议草案将被视为已获得 INFCOM 批准。

您诚挚的,

张文建博士
代秘书长

致: INFCOM 成员

GENERAL CONSIDERATIONS

Introduction

The Marine Climate Data System (MCDS) was established through [Resolution 2 \(EC-64\)](#) – Report of the fourth session of the Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology, to formalize and coordinate the activities of existing data collection systems and to address gaps in order to produce a dedicated WMO-IOC operational data system with a view to compiling coherent marine meteorological and oceanographic (metocean) climate data sets of known quality, extending beyond the Essential Climate Variables (ECVs).

Centres for Marine Meteorological and Oceanographic Climate Data (CMOCs), Global Data Assembly Centres (GDACs), and Data Acquisition Centres (DACs) are the three tiers of the MCDS. The terms of reference for MCDS Data Acquisition Centres (DACs) are provided in [Appendix 1](#) of the *Guide to Marine Meteorological Services* (WMO-No. 471).

The application received from the Lagrangian Drifter Laboratory (LDL) at the Scripps Institution of Oceanography (SIO), University of California San Diego, USA to operate as a DAC was assessed following the process and criteria provided in the *Guide to Marine Meteorological Services* (WMO-No. 471), [Chapter 9](#) and [Appendix 1](#). The outcome of the evaluation and review by the team of experts independent from the applicant recommended that the centre be established and operated by the USA as an MCDS DAC for Drifting Buoys. This recommendation was re-reviewed and endorsed by INFCOM Management Group at their eleventh meeting held in December 2021.

Expected action

Based on the above, and following the [General Regulation 59](#) section (*Basic documents No. 1* (WMO-No. 15)) on vote by correspondence, INFCOM members are kindly requested to approve the draft resolution to EC-76. Your comments or objections should be sent to plenary@wmo.int. If no objections are received by **27 February 2023**, the draft resolution to EC-76 will be considered as approved by INFCOM.

Draft Resolution ##/1 (EC-76)

Establishment of a Data Acquisition Centre for marine meteorological and oceanographic climate data within the Marine Climate Data System and associated updates to the *Guide to Marine Meteorological Services* (WMO-No. 471), [Appendix 1](#)

THE EXECUTIVE COUNCIL,

Recalling [Resolution 2 \(EC-64\)](#) – Report of the fourth session of the Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology, which approved Recommendation 2 (JCOMM-4) establishing the Marine Climate Data System (MCDS) to formalize and coordinate the activities of existing data collection systems and to address gaps in order to produce a dedicated WMO-IOC operational data system with a view to compiling coherent marine meteorological and oceanographic (metocean) climate data sets of known quality, extending beyond the Essential Climate Variables (ECVs),

Having examined [Resolution 10 \(EC-70\)](#) – Report of the Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology at its fifth session, includes the list of established Data Acquisition Centres (DACs) in the Marine Climate Data System (MCDS),

Takes note that well formed MCDS enables establishment of a much-needed operational international path for acquisition and for sharing of relevant public access delayed-mode global marine meteorological and oceanographic data leveraging existing tested resources to generate information and products about marine meteorological conditions to a wide range of research and science applications in support of industry and national interests in the coastal and offshore regions,

Having considered the important contribution of DACs to the MCDS by providing routine and standardized collection of Real-Time (RT) and Delayed-Mode (DM) climatological data and metadata in support of global climate studies and the provision of a range of marine climatological services,

Takes note of the Application procedure and evaluation process for establishing a centre within the Marine Climate Data System provided in the [Guide to marine meteorological service](#) (WMO-No. 471),

Having considered the recommendation of INFCOM obtained following the [General Regulation 59](#) (*Basic documents No.1* (WMO-No. 15)), on the application from the Lagrangian Drifter Laboratory (LDL) at Scripps Institution of Oceanography, USA to operate as a DAC for Drifting Buoys within the MCDS,

Approves:

- (1) The nomination of LDL to operate as a DAC for drifting buoys within the MCDS subjected to parallel approval by the fifty-sixth session of the IOC Executive Council;
- (2) Associated updates to the *Guide to Marine Meteorological Services* (WMO-No. 471), [Appendix 1](#), to include LDL in the List of established Data Acquisition Centres within the Marine Climate Data System.