

OFFICE OF SCIENCE AND TECHNOLOGY POLICY

Request for Information; Identifying Critical Needs To Inform a Federal Decadal Strategic Plan for the Interagency Council for Advancing Meteorological Services

AGENCY: Office of Science and Technology Policy (OSTP).

ACTION: Notice of Request for Information (RFI).

SUMMARY: The Office of Science and Technology Policy (OSTP) and the National Oceanic and Atmospheric Administration (NOAA), on behalf of the Interagency Council for Advancing Meteorological Services (ICAMS), requests input from all interested parties to identify opportunities for, and inform the advancement of Federal meteorological services across the meteorological enterprise. ICAMS invites input from States; Tribes; territories; individuals, including those belonging to groups that have been historically underserved, marginalized, or subject to discrimination or systemic disadvantage; local governments; appropriate industries; academic institutions; nongovernmental organizations; and international organizations with expertise in meteorological research and development, and service delivery, in both the short- (2–3 years) and long-term (next decade). This information will be used to inform the development of a new decadal strategic plan for Federal coordination of meteorological science and services using an earth system approach.

DATES: Interested persons and organizations are invited to submit comments on or before 5 p.m. ET, October 3, 2022.

ADDRESSES: Interested individuals and organizations should submit comments electronically to icams-portal@noaa.gov and include “RFI Response: ICAMS Strategic Plan” in the subject line of the email. Email submissions should be machine-readable [PDF, Word] and should not be copy-protected. Submissions received after the deadline may not be taken into consideration.

Instructions

Response to this RFI is voluntary. Each individual or organization is requested to submit only one response. Commenters can respond to one or many questions. However, the total submitted response must not exceed a total of five (5) pages in 12 point or larger font, with a page number provided on each page. A bibliography

does not count towards the page limit. Submissions should clearly indicate which questions are being addressed. Responses should include the name of the person(s) or organization(s) filing the response. Responses containing references, studies, research, and other empirical data that are not widely published should include copies of or electronic links to the referenced materials. Responses containing profanity, vulgarity, threats, or other inappropriate language or content will not be considered.

Comments submitted in response to this notice are subject to the Freedom of Information Act (FOIA). No business proprietary information, copyrighted information, or personally identifiable information should be submitted in response to this RFI. Please be aware that comments submitted in response to this RFI, including the submitter’s identification (as noted above), may be posted, without change, on OSTP’s or another Federal website or otherwise released publicly.

In accordance with FAR 15–202(3), responses to this notice are not offers and cannot be accepted by the U.S. Government to form a binding contract. Additionally, the U.S. Government will not pay for response preparation or for the use of any information contained in the response.

FOR FURTHER INFORMATION CONTACT: For additional information, please direct questions to Scott Weaver at icams-portal@noaa.gov or 202–456–4444.

SUPPLEMENTARY INFORMATION:

Background: The Interagency Council for Advancing Meteorological Services (ICAMS) is the interagency organization established in July 2020 in response to the Weather Research and Forecasting and Innovation Act of 2017.¹ ICAMS is the formal mechanism by which all relevant Federal departments and agencies coordinate implementation of policy and practices intended to advance meteorological services and ensure continued U.S. global leadership in their development and provision. By ICAMS charter, one of its primary objectives is to “lead the development of a decadal strategic plan to advance meteorological services with involvement of the Earth system science, service, and stakeholder communities.”²

ICAMS leadership plans to develop this decadal strategic plan during 2022–

2023. Crafting this strategy will require engaging (1) a wide range of external (non-Federal) stakeholders, (2) Federal agency partners that are new to ICAMS, and (3) Federal agency partners that were previously involved in the development and delivery of meteorological services. This strategic plan should identify opportunities for, and inform the advancement of Federal meteorological services across the meteorological enterprise, including: academia; private industry; nonprofit sector; state, local, Tribal, and federal governments; communities; individuals; and international partners; in both the short- (2–3 years) and long-term (next decade). In particular, ICAMS is interested in:

1. the major needs or requirements for meteorological services, in particular to improve societal resilience in response to global climate change and other challenges;

2. the top coordination gaps or barriers that are inhibiting progress in meteorological services to meet identified needs; and

3. the top opportunities for the Federal Government to advance meteorological services.

Scope: OSTP invites input from States; Tribes; territories; individuals, including those belonging to groups that have been historically underserved, marginalized, or subject to discrimination or systemic disadvantage; local governments; industries; academic institutions; nongovernmental organizations; and international organizations with expertise in meteorological research and development, and service delivery.

Information Requested: Respondents may provide information for one or as many topics below as they choose. Submissions should clearly indicate which questions are being addressed. For the purposes of this RFI, meteorological services are defined very broadly to:

cover all components of the Earth system, including weather, climate, hydrological, ocean, land use, and related environmental services;

span all activities over land, at sea, and in the air that contribute to the generation of value for society, including, but not limited to, the protection of life and property, personal and public health, quality of life, sustainability of the natural world, and economic and national security; and include foundational scientific research that provides the basis for the operational activities and public-facing products that have been the traditional focus of “services.”

Given the broad scope of the meteorological enterprise, ICAMS is

¹ H.R. 353—115th Congress (2017–2018): *Weather Research and Forecasting Innovation Act of 2017* | [Congress.gov](https://www.congress.gov) | Library of Congress.

² *Charter of the Interagency Council for Advancing Meteorological Services (ICAMS)* (icams-portal.gov).

interested in responses to the following questions:

1. *Background information:* Please describe the role that you/your organization has in meteorological services. If relevant, please describe how you/your organization engages with underserved communities.

2. *Engagement with the Federal Government:* Has your organization successfully collaborated with the U.S. Federal Government on meteorological services in the past? If successful, please describe what you think contributed to this success (e.g., the partners involved, the partners' roles, the scope/time period of the collaboration). If relevant, please describe any metrics used to evaluate the success of this engagement. If engagement and collaboration did not work, why not? (e.g., legal, regulatory, or policy requirements; differences in work culture; lack of expertise; or any other hurdles that limited or otherwise prevented effective collaboration with Federal meteorological services.)

3. *Facilitation by the Federal Government:* Besides ICAMS, are you aware of other existing Federal coordination bodies that can strengthen or facilitate collaboration and/or address barriers and gaps in the advancement of meteorological services?

4. *Prioritizing Existing Activities:* Are there any specific meteorological services that you think are currently only *partially* met by the Federal Government? Are there any that are currently *completely* unmet? How would you/your organization benefit from the prioritization of these services or the activities that advance them?

5. *Future Opportunities for the Federal Government:* What future services and activities do you think the Federal Government should prioritize (please provide what you see as the *top three opportunities for the Federal Government*) over the next 10 years? What goals would this prioritization help you achieve? Of the opportunities you presented, please identify if any of them can be addressed in the next 2–3 years under existing programs, or if they are longer-term initiatives and strategies. And if relevant, please classify these opportunities into any of the following broad categories: observational systems; cyber, facilities, and infrastructure; research and innovation; and other cross-cutting issues. Please indicate whether there are U.S. Federal agencies/organizations that should be specifically included in those opportunities.

6. *International Activities:* How do U.S. capabilities in meteorological services compare to services provided by other countries? Are there

meteorological services that other governments provide that the Federal Government should also provide? Are there international partners that the United States should be working with that the Federal Government is not working with currently?

7. *Additional Comments:* Please provide any other input that you believe is pertinent to this RFI, within the page limit.

Dated: August 16, 2022.

Stacy Murphy,

Operations Manager.

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SECURITIES AND EXCHANGE COMMISSION

[Release No. 34–95501; File No. SR–NYSEARCA–2022–52]

Self-Regulatory Organizations; NYSE Arca, Inc.; Notice of Filing and Immediate Effectiveness of Proposed Rule Change To Amend Rule 6.64P–O

August 15, 2022.

Pursuant to Section 19(b)(1) ¹ of the Securities Exchange Act of 1934 (“Act”) ² and Rule 19b–4 thereunder, ³ notice is hereby given that, on August 9, 2022, NYSE Arca, Inc. (“NYSE Arca” or “Exchange”) filed with the Securities and Exchange Commission (“Commission”) the proposed rule change as described in Items I, II, and III below, which Items have been prepared by the self-regulatory organization. The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

I. Self-Regulatory Organization's Statement of the Terms of Substance of the Proposed Rule Change

The Exchange proposes to amend Rule 6.64P–O (Auction Process). The proposed rule change is available on the Exchange's website at www.nyse.com, at the principal office of the Exchange, and at the Commission's Public Reference Room.

II. Self-Regulatory Organization's Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

In its filing with the Commission, the self-regulatory organization included statements concerning the purpose of, and basis for, the proposed rule change

and discussed any comments it received on the proposed rule change. The text of those statements may be examined at the places specified in Item IV below. The Exchange has prepared summaries, set forth in sections A, B, and C below, of the most significant parts of such statements.

A. Self-Regulatory Organization's Statement of the Purpose of, and the Statutory Basis for, the Proposed Rule Change

1. Purpose

The Exchange proposes to modify Rule 6.64P–O (Auction Process) regarding the handling of certain Market Maker quotations and order instructions related thereto as set forth below.

Overview

On July 11, 2022, the Exchange began migrating symbols from its existing trading platform to the Pillar trading platform.⁴ As of July 28, 2022, all symbols have been migrated to the Pillar platform.⁵ Since migrating to Pillar, the Exchange has encountered unexpected processing of certain Market Maker quotations and related (subsequent) “order instructions” to update such quotations during the abbreviated time period of the Auction Processing Period and transition to continuous trading (i.e., generally measured in fractions of a second) when the Exchange conducts its opening (or reopening) Auction and transitions a series from pre-open state to continuous trading.⁶ The Exchange believes that, as a result of this unexpected processing during this very brief period, Market Makers may be unable to determine their potential exposure (and thus be at risk for unexpected executions). To prevent this risk to Market Makers, the Exchange updated the treatment of this quoting interest during these discrete periods, which was announced by a Trader Update (the “Trader Update”).⁷

⁴ The Exchange announced the July 11th launch date, as well as the schedule for symbol migration in five tranches, via Trader Update, available here: <https://www.nyse.com/trader-update/history#110000436694>.

⁵ The Exchange announced the migration of the fifth and final tranche of symbols to the Pillar trading platform, via Trader Update, available here: <https://www.nyse.com/trader-update/history#110000440092>.

⁶ Because the opening and reopening process is identical, the Exchange will refer to both processes, collectively, as the “opening.”

⁷ The Exchange announced via Trader Update that, effective July 29, 2022, “[d]uring Auction Processing Period or during the transition to continuous trading, any new quotes will be rejected and, if the Exchange receives order instructions for an existing quote, the Exchange will cancel any same-side quotes sent from the same order/quote

Continued

¹ 15 U.S.C. 78s(b)(1).

² 15 U.S.C. 78a.

³ 17 CFR 240.19b–4.