

workplace. Consequently, if a test standard also covers any products for which OSHA does not require such testing and certification, a NRTL's scope of recognition does not include these products.

The American National Standards Institute (ANSI) may approve the test standards listed above as American National Standards. However, for convenience, the designation of the standards-developing organization for the standard as opposed to the ANSI designation may be used. Under the NRTL Program's policy (see OSHA Instruction CPL 1-0.3, Appendix C, paragraph XIV), any NRTL recognized for a particular test standard may use either the proprietary version of the test standard or the ANSI version of that standard. Contact ANSI to determine whether a test standard is currently ANSI-approved.

#### A. Conditions

In addition to those conditions already required by 29 CFR 1910.7, ARL must abide by the following conditions of the recognition:

1. ARL must inform OSHA as soon as possible, in writing, of any change of ownership, facilities, or key personnel, and of any major change in the operations as a NRTL, and provide details of the change(s);

2. ARL must meet all the terms of the recognition and comply with all OSHA policies pertaining to this recognition; and

3. ARL must continue to meet the requirements for recognition, including all previously published conditions on ARL's scope of recognition, in all areas for which it has recognition.

Pursuant to the authority in 29 CFR 1910.7, OSHA hereby expands the scope of recognition of ARL, subject to the conditions specified above.

### III. Authority and Signature

Loren Sweatt, Principal Deputy Assistant Secretary of Labor for Occupational Safety and Health, 200 Constitution Avenue NW, Washington, DC 20210, authorized the preparation of this notice. Accordingly, the agency is issuing this notice pursuant to 29 U.S.C. 657(g)(2)), Secretary of Labor's Order No. 8-2020 (85 FR 58393, Sept. 18, 2020), and 29 CFR 1910.7.

Signed at Washington, DC, on January 11, 2021.

**Loren Sweatt,**

*Principal Deputy Assistant Secretary of Labor for Occupational Safety and Health.*

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## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

### Notice of Deep Space Food Challenge Phase 1

**AGENCY:** National Aeronautics and Space Administration (NASA).

Notice: (21-003).

**ACTION:** Notice of Deep Space Food Challenge Phase 1.

**SUMMARY:** Phase 1 of the Deep Space Food Challenge is open, and teams that wish to compete may now register. Centennial Challenges, part of the NASA Space Technology Mission Directorate's Prizes, Challenges, and Crowdsourcing Program, consist of prize competitions to stimulate innovation in technologies of interest and value to NASA and the nation. Phase 1 of the Deep Space Food Challenge is a prize competition with a total prize purse made up of \$500,000 USD, (five hundred thousand United States dollars) to be awarded to competitor teams for the design of novel technologies, systems and approaches for food production for long duration space exploration missions. NASA is providing the prize purse for U.S. teams, and the Methuselah Foundation will be conducting the Challenge on behalf of NASA. NASA is considering a Phase 2 (system demonstration phase) of the competition depending on the outcome of the Phase 1 competition.

**DATES:** Challenge registration for Phase 1 opened January 12, 2021, and will remain open until the deadlines stated below. No further requests for registration will be accepted after the stated deadline.

Other important dates:

May 28, 2021 Phase 1 Registration

Closes for U.S. & Non-Canadian

International Teams

July 30, 2021 Submissions Due for all Teams

September 2021 Winner(s) Announced

**ADDRESSES:** Phase 1 of the Deep Space Food Challenge will be conducted virtually. The Challenge competitors will develop and submit their design proposals from their own location.

**FOR FURTHER INFORMATION CONTACT:** To register for or get additional information regarding the Deep Space Food Challenge, please visit:

[www.deepspacefoodchallenge.org](http://www.deepspacefoodchallenge.org)

For general information on NASA Centennial Challenges please visit:

<http://www.nasa.gov/challenges>.

General questions and comments regarding the program should be addressed to Monsi Roman, Centennial Challenges Program Manager, NASA

Marshall Space Flight Center  
Huntsville, AL 35812. Email address:  
[hq-stmd-centennialchallenges@mail.nasa.gov](mailto:hq-stmd-centennialchallenges@mail.nasa.gov).

For general information on the Canadian Space Agency please visit:  
<https://www.canada.ca/en/space-agency.html>. General questions and comments regarding the program should be addressed to [ASC.DefiAEL-DSFChallenge.CSA@canada.ca](mailto:ASC.DefiAEL-DSFChallenge.CSA@canada.ca).

#### SUPPLEMENTARY INFORMATION:

##### Summary

Food is a critical component of human space exploration missions. When humans return to the lunar surface, the early missions are expected to use prepackaged foods similar to those in use on the International Space Station (ISS) today, but extending the duration of lunar missions requires reducing resupply dependency on Earth. Thus, testing a sustainable system on the Moon that meets lunar crews' needs is a fundamental step for both lunar sustainability and will also support Mars exploration. As part of this, space agencies are focused on how to furnish crew members with a viable system that produces food for all long duration space missions. The food system will need to be an integrated solution that:

- Provides all daily nutritional needs
- Provides a variety of palatable and safe food choices
- Enables acceptable, safe, and quick preparation methods
- Limits resource requirements with no dependency on direct periodic resupply from Earth over durations increasing from months to years

In short, space agencies will need to provide their future crew members with nutritious foods they will enjoy eating within all of the constraints of current technology for life away from Earth. They must also ensure that the process to create, grow, and/or prepare the food is not time consuming and not unpleasant. Although there are many food systems on Earth that may offer benefits to space travelers, the ability of these systems to meet spaceflight demands has not yet been established.

Additionally, food insecurity is a significant chronic problem on Earth in urban, rural and harsh environments and communities. In places like the Arctic and Canada's North, the cost of providing fresh produce on the shelves can be incredibly high. This can also support greater food production in other milder environments, including major urban centers where vertical farming, urban agriculture and other novel food production techniques can play a more significant role.

Disasters can also disrupt supply chains, on which all people depend, and further aggravate food shortages. Developing compact and innovative advanced food system solutions can further enhance local production and reduce food supply chain challenges, providing new solutions for humanitarian responses to floods and droughts, and new technologies for rapid deployment following disasters.

The Deep Space Food Challenge will identify technology solutions that can:

- Help fill food gaps for a three-year round-trip mission with no resupply
- Feed a crew of four (4)
- Improve the accessibility of food on Earth, in particular, via production directly in urban centers and in remote and harsh environments
- Achieve the greatest amount of food output with minimal inputs and minimal waste
- Create a variety of palatable, nutritious, and safe foods that requires little processing time for crew members

This Challenge seeks to incentivize Teams to develop novel technologies, systems and/or approaches for food production that need not meet the full nutritional requirements of future crews, but can contribute significantly to and be integrated into a comprehensive food system.

### I. Prize Amounts

Up to 20 top scoring U.S. Teams that achieve a score in five or more of the scoring categories will receive \$25,000 USD each from NASA and be invited to compete in Phase 2 (should Phase 2 open for competition). Teams must meet the eligibility requirements for the NASA Prize in order to be eligible to receive a prize from NASA.

### II. Eligibility To Participate and Win Prize Money

To be eligible to win a prize, competitors must register and comply with all requirements in the Official Rules. Interested Teams should refer to the official Challenge website ([www.deepspacefoodchallenge.org](http://www.deepspacefoodchallenge.org)) for full details on eligibility and registration.

### III. Official Rules

The complete official rules for the Deep Space Food Challenge can be found at: [www.deepspacefoodchallenge.org](http://www.deepspacefoodchallenge.org).

**Nanette Smith,**

NASA Federal Register Liaison Officer.

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## SECURITIES AND EXCHANGE COMMISSION

[Release No. 34-90887; File No. SR-FINRA-2021-001]

### Self-Regulatory Organizations; Financial Industry Regulatory Authority, Inc.; Notice of Filing and Immediate Effectiveness of a Proposed Rule Change To Amend the FINRA Rule 6800 Series (Consolidated Audit Trail Compliance Rule) Relating to Allocation Reporting Requirements

January 11, 2021.

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (“Act”),<sup>1</sup> and Rule 19b-4 thereunder,<sup>2</sup> notice is hereby given that on January 4, 2021, the Financial Industry Regulatory Authority, Inc. (“FINRA”) filed with the Securities and Exchange Commission (“SEC” or “Commission”) the proposed rule change as described in Items I, II, and III below, which Items have been prepared by FINRA. 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

FINRA is proposing to amend the FINRA Rule 6800 Series, FINRA’s compliance rule (“Compliance Rule”) regarding the National Market System Plan Governing the Consolidated Audit Trail (the “CAT NMS Plan” or “Plan”)<sup>3</sup> to be consistent with a conditional exemption granted by the Commission from certain allocation reporting requirements set forth in Sections 6.4(d)(ii)(A)(1) and (2) of the CAT NMS Plan (“Allocation Exemption”).<sup>4</sup>

The text of the proposed rule change is available on FINRA’s website at <http://www.finra.org>, at the principal office of FINRA 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, FINRA 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 these statements

may be examined at the places specified in Item IV below. FINRA has prepared summaries, set forth in sections A, B, and C below, of the most significant aspects of such statements.

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

##### 1. Purpose

The purpose of this proposed rule change is to amend the Rule 6800 Series to be consistent with the Allocation Exemption. The Commission granted the relief conditioned upon the Participants’ adoption of Compliance Rules that implement the alternative approach to reporting allocations to the Central Repository described in the Allocation Exemption (referred to as the “Allocation Alternative”).

##### (1) Request for Exemptive Relief

Pursuant to Section 6.4(d)(ii)(A) of the CAT NMS Plan, each Participant must, through its Compliance Rule, require its Industry Members to record and report to the Central Repository, if the order is executed, in whole or in part: (1) An Allocation Report;<sup>5</sup> (2) the SRO-Assigned Market Participant Identifier of the clearing broker or prime broker, if applicable; and the (3) CAT-Order-ID of any contra-side order(s). Accordingly, FINRA and the other Participants implemented Compliance Rules that require their Industry Members that are executing brokers to submit to the Central Repository, among other things, Allocation Reports and the SRO-Assigned Market Participant Identifier of the clearing broker or prime broker, if applicable.

On August 27, 2020, the Participants submitted to the Commission a request for an exemption from certain allocation reporting requirements set forth in Sections 6.4(d)(ii)(A)(1) and (2) of the CAT NMS Plan (“Exemption Request”).<sup>6</sup> In the Exemption Request, the Participants requested that they be permitted to implement the Allocation Alternative, which, as noted above, is an

<sup>1</sup> 15 U.S.C. 78s(b)(1).

<sup>2</sup> 17 CFR 240.19b-4.

<sup>3</sup> Unless otherwise specified, capitalized terms used in this rule filing are defined as set forth in the Compliance Rule.

<sup>4</sup> See Securities Exchange Act Release No. 90223 (October 19, 2020), 85 FR 67576 (October 23, 2020) (“Allocation Exemptive Order”).

<sup>5</sup> Section 1.1 of the CAT NMS Plan defines an “Allocation Report” as “a report made to the Central Repository by an Industry Member that identifies the Firm Designated ID for any account(s), including subaccount(s), to which executed shares are allocated and provides the security that has been allocated, the identifier of the firm reporting the allocation, the price per share of shares allocated, the side of shares allocated, the number of shares allocated to each account, and the time of the allocation; provided for the avoidance of doubt, any such Allocation Report shall not be required to be linked to particular orders or executions.”

<sup>6</sup> See letter from the Participants to Vanessa Countryman, Secretary, Commission, dated August 27, 2020 (the “Exemption Request”).