

(solar, wind, geothermal), biofuels, fuel cell power, smart grid technologies, and energy efficiency solutions, as well as U.S.-based services critical to the deployment of clean energy supplies. U.S. clean energy exporters interested in registering to be part of the pilot phase of the interactive directory and providing information on their company's solutions to be included in the app are requested to send an email to [reee@trade.gov](mailto:reee@trade.gov) by no later than February 20, 2015.

#### Who will use the app?

Target users include Foreign Service Officers and Foreign Commercial Service Officers and their energy sector stakeholders in international markets. The app will enable users to easily demonstrate U.S. clean energy and energy efficiency solutions available in foreign markets and provide a tool to facilitate commercial partnerships that drive the deployment of U.S. technologies and services globally. Through the app, a global audience, as well as the American public, will be invited to learn more about environmental diplomacy efforts overseas, and the innovative U.S. companies powering them.

#### Disclaimer

The information submitted to the directory and displayed on the app is intended to inform users about U.S. clean energy and energy efficiency solutions. All U.S.-based businesses in these industries that meet the criteria requested in the online form will be eligible for the directory and app. The Interagency Team will perform due diligence on submissions to the Directory and expects that submitting parties will perform their own due diligence, investigation, and background research before entering into a commercial relationship with any listed business or business contact facilitated through the product. A listing in the directory does not constitute endorsement of the business or its products, services or technology by the Interagency Team. The Interagency Team assumes no responsibility or liability for the actions users may take based on the information provided and reserves the right not to list any particular business.

**ADDRESSES:** To provide information for use in the app, send an email to [reee@trade.gov](mailto:reee@trade.gov) by no later than February 20, 2015.

**FOR FURTHER INFORMATION CONTACT:** Helaina Matza, Office of Innovation and Eco-Diplomacy, United States Department of State; 202.647.0716;

[sustainability@state.gov](mailto:sustainability@state.gov); or Andrew Bennett, Office of Energy and Environmental Industries, United States Department of Commerce; 202-482-5235; [reee@trade.gov](mailto:reee@trade.gov).

**Edward A. O'Malley,**

*Director, Office of Energy and Environmental Industries.*

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**BILLING CODE 3510-DR-P**

## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

#### Genome in a Bottle Consortium—Progress and Planning Workshop

**AGENCY:** National Institute of Standards & Technology (NIST), Commerce.

**ACTION:** Notice of public workshop.

**SUMMARY:** NIST announces the Genome in a Bottle Consortium meeting to be held on Thursday and Friday, January 29 and 30, 2015. The Genome in a Bottle Consortium is developing the reference materials, reference methods, and reference data needed to assess confidence in human whole genome variant calls. A principal motivation for this consortium is to enable performance assessment of sequencing and science-based regulatory oversight of clinical sequencing. The purpose of this meeting is to update participants about progress of the consortium work, continue to get broad input from individual stakeholders to update or refine the consortium work plan, continue to broadly solicit consortium membership from interested stakeholders, and invite members to participate in work plan implementation. Topics of discussion at this meeting will include release of the pilot candidate NIST Reference Material, short and long read data from the next sets of NIST Reference Materials, structural variants, and potential future Reference Materials.

**DATES:** The Genome in a Bottle Consortium meeting will be held on Thursday, January 29, 2015 from 9:00 a.m. to 5:30 p.m. Pacific Time and Friday, January 30, 2015 from 9:00 a.m. to 12:45 p.m. Pacific Time. Attendees must register by 5:00 p.m. Pacific Time on Thursday, January 22, 2015.

**ADDRESSES:** The meeting will be held in the Fisher Conference Center inside the Arrillaga Alumni Center at Stanford University, 326 Galvez Street, Stanford, CA 94305-6105. Please note admittance instructions under the **SUPPLEMENTARY INFORMATION** section of this notice.

**FOR FURTHER INFORMATION CONTACT:** For further information contact Justin Zook by email at [jzook@nist.gov](mailto:jzook@nist.gov) or by phone at (301) 975-4133 or Marc Salit by email at [salit@nist.gov](mailto:salit@nist.gov) or by phone at (650) 350-2338. To register, go to: <http://app.certain.com/profile/form/index.cfm?PKformID=0x19409085b04>.

**SUPPLEMENTARY INFORMATION:** Clinical application of ultra high throughput sequencing (UHTS) for hereditary genetic diseases and oncology is rapidly growing. At present, there are no widely accepted genomic standards or quantitative performance metrics for confidence in variant calling. These standards and quantitative performance metrics are needed to achieve the confidence in measurement results expected for sound, reproducible research and regulated applications in the clinic. On April 13, 2012, NIST convened the workshop "Genome in a Bottle" to initiate a consortium to develop the reference materials, reference methods, and reference data needed to assess confidence in human whole genome variant calls ([www.genomeinabottle.org](http://www.genomeinabottle.org)). On August 16-17, 2012, NIST hosted the first large public meeting of the Genome in a Bottle Consortium, with about 100 participants from government, academic, and industry. This meeting was announced in the **Federal Register** (77 FR 43237) on July 24, 2012. A principal motivation for this consortium is to enable science-based regulatory oversight of clinical sequencing.

At the August 2012 meeting, the consortium established work plans for four technical working groups with the following responsibilities:

(1) Reference Material (RM) Selection and Design: Select appropriate sources for whole genome RMs and identify or design synthetic DNA constructs that could be spiked-in to samples for measurement assurance.

(2) Measurements for Reference Material Characterization: Design and carry out experiments to characterize the RMs using multiple sequencing methods, other methods, and validation of selected variants using orthogonal technologies.

(3) Bioinformatics, Data Integration, and Data Representation: Develop methods to analyze and integrate the data for each RM, as well as select appropriate formats to represent the data.

(4) Performance Metrics and Figures of Merit: Develop useful performance metrics and figures of merit that can be obtained through measurement of the RMs.

The products of these technical working groups will be a set of well-characterized whole genome and synthetic DNA RMs along with the methods (documentary standards) and reference data necessary for use of the RMs. These products will be designed to help enable translation of whole genome sequencing to regulated clinical applications. The consortium meets in workshops two times per year, in January at Stanford University in Palo Alto, CA, and in August at the National Institute of Standards and Technology in Gaithersburg, MD. At these workshops, including the last meetings at Stanford in January 2014 and at NIST in August 2014, participants in the consortium have discussed progress developing well-characterized genomes for NIST Reference Materials and planned future experiments and analysis of these genomes (see <https://federalregister.gov/a/2012-18064>, <https://federalregister.gov/a/2013-18934>, and <https://federalregister.gov/a/2014-18841> for past workshops at NIST). The August 2014 meeting, which included meetings of each of the four working groups, was announced in the **Federal Register** (79 FR 46774) on August 11, 2014, and the meeting is summarized at <https://sites.stanford.edu/abms/content/workshop-summary-and-slides-august-2014>.

There is no cost for participating in the consortium. No proprietary information will be shared as part of the consortium, and all research results will be in the public domain.

All attendees are required to pre-register. Anyone wishing to attend this meeting must pre-register at <http://app.certain.com/profile/form/index.cfm?PKformID=0x19409085b04> by 5:00 p.m. Pacific Time on Thursday, January 22, 2015, in order to attend.

Dated: January 14, 2015.

**Richard Cavanagh,**

*Acting Associate Director of Laboratory Programs.*

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## DEPARTMENT OF COMMERCE

### National Oceanic and Atmospheric Administration

RIN 0648-XD670

#### Atlantic Highly Migratory Species; Atlantic Shark Management Measures; 2015 Research Fishery

**AGENCY:** National Marine Fisheries Service (NMFS), National Oceanic and

Atmospheric Administration (NOAA), Commerce.

**ACTION:** Notice of public meeting.

**SUMMARY:** On October 31, 2014, NMFS published a notice inviting qualified commercial shark permit holders to submit applications to participate in the 2015 shark research fishery. The shark research fishery allows for the collection of fishery-dependent data for future stock assessments and cooperative research with commercial fishermen to meet the shark research objectives of the Agency. Every year, the permit terms and permitted activities (e.g., number of hooks and retention limits) specifically authorized for selected participants in the shark research fishery are designated depending on the scientific and research needs of the Agency, as well as the number of NMFS-approved observers available. In order to inform selected participants of this year's specific permit requirements and ensure all terms and conditions of the permit are met, NMFS is holding a mandatory permit holder meeting (via conference call) for selected participants. The date and time of that meeting is announced in this notice.

**DATES:** A conference call will be held on January 29, 2015.

**ADDRESSES:** A conference call will be conducted. See **SUPPLEMENTARY INFORMATION** for information on how to access the conference call.

**FOR FURTHER INFORMATION CONTACT:** Karyl Brewster-Geisz or Delisse Ortiz at (301) 427-8503.

**SUPPLEMENTARY INFORMATION:** The Atlantic shark fisheries are managed under the authority of the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act). The 2006 Consolidated Highly Migratory species (HMS) Fishery Management Plan (FMP) is implemented by regulations at 50 CFR part 635.

The final rule for Amendment 2 to the 2006 Consolidated HMS FMP (73 FR 35778, June 24, 2008, corrected at 73 FR 40658, July 15, 2008) established, among other things, a shark research fishery to maintain time-series data for stock assessments and to meet NMFS' research objectives. The shark research fishery gathers important scientific data and allows selected commercial fishermen the opportunity to earn more revenue from selling the sharks caught, including sandbar sharks. Only the commercial shark fishermen selected to participate in the shark research fishery are authorized to land/harvest sandbar sharks subject to the sandbar quota available each year. The 2015 sandbar

shark quota is 116.6 mt dw per year. The selected shark research fishery participants also have access to the research large coastal shark, small coastal shark, and pelagic shark quotas subject to retention limits and quotas per §§ 635.24 and 635.27, respectively.

On October 31, 2014 (79 FR 64750), NMFS published a notice inviting qualified commercial shark directed and incidental permit holders to submit an application to participate in the 2015 shark research fishery. NMFS received 7 applications, of which 6 applicants were determined to meet all the qualifications. NMFS selected all 6 qualified participants after considering how to meet research objectives in particular regions. NMFS expects to invite qualified commercial shark permit holders to submit an application for the 2016 shark research fishery later in 2015.

As with past years, the 2015 permit terms and permitted activities (e.g., number of hooks and retention limits) specifically authorized for selected participants in the shark research fishery were designated depending on the scientific and research needs of the Agency, as well as the number of NMFS-approved observers available. In order to inform selected participants of this year's specific permit requirements and ensure all terms and conditions of the permit are met, per the requirements of § 635.32 (f)(4), NMFS is holding a mandatory permit holder meeting via conference call.

Conference Call Date, Time, and Dial-In Number

The conference call will be held on January 29, 2015, from 2 to 4 p.m. (EST). Participants and interested parties should call 1-888-810-4795 and use the passcode 8297434. Selected participants who do not attend will not be allowed to participate in the shark research fishery. While the conference call is mandatory for selected participants, other interested parties may call in and listen to the discussion.

Selected participants are encouraged to invite their captain, crew, or anyone else who may assist them in meeting the terms and conditions of the shark research fishery permit.

Dated: January 15, 2015.

**Emily H. Menashes,**

*Acting Director, Office of Sustainable Fisheries, National Marine Fisheries Service.*

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