Comment 6: Surrogate Value for Tire Valves
Comment 7: Warehousing Expense Calculation for Xugong
Comment 8: Whether to Adjust Xugong’s U.S. Prices for Irrecoverable Value Added Tax
Comment 9: Additional Comments Raised by GTC

VI. Discussion of the Issues

V. List of Comments

Preliminary Results

IV. Changes since the

II. Background

I. Summary

Appendix

Issues and Decision Memorandum

DEPARTMENT OF COMMERCE

National Institute of Standards and Technology

Impact of Long Term Evolution Signals on Global Positioning System Receivers

AGENCY: National Institute of Standards and Technology, Department of Commerce.

ACTION: Notice of public meeting.

SUMMARY: The National Institute of Standards and Technology (NIST) announces that National Advanced Spectrum and Communications Test Network (NASCTN) will hold a public meeting on May 4, 2017 to inform the public about the NASCTN project “Impact of Long Term Evolution (LTE) signals on Global Positioning System (GPS) Devices”. At this meeting, the public will learn about this project, as described in the report released to the public on February 15, 2017, available at: http://nvlpubs.nist.gov/nistpubs/TechnicalNotes/NIST.TN.1952.pdf. A summary of NASCTN’s test methodology and an overview of the test results will be provided as well.

DATES: The meeting will be held on Thursday, May 4, 2017, from 9:00 a.m. to 12:00 p.m. Eastern Time. To attend the meeting in person you must register in advance by 5:00 p.m. Eastern Time, on May 2, 2017. In order to access the WebEx you must register in advance by 5:00 p.m. Eastern Time on Wednesday, May 3, 2017. For instructions on how to register to participate in the meeting, please see the SUPPLEMENTARY INFORMATION section of this notice.

ADDRESSES: The meeting will be held at MITRE Campus, Building 1, 7525 Colshire Drive, McLean VA, 22102. Directions to the MITRE McLean Campus are available at: https://www.mitre.org/sites/default/files/pdf/mclean-campus-map.pdf. The meeting will also be accessible via WebEx.

FOR FURTHER INFORMATION CONTACT: For questions about this public meeting contact: Dr. Sheryl Genco, Communications Technology Laboratory, NIST by email at sheryl.genco@nist.gov; telephone (303–497–3591) or fax (303–497–6665). Please direct media inquiries to the NIST Public Affairs Officer, Laura Ost by email at laura.ost@nist.gov or telephone (303–497–4880).

SUPPLEMENTARY INFORMATION: NASCTN provides a neutral forum for addressing spectrum-sharing challenges to accelerate the deployment of wireless technologies among commercial and federal users. NASCTN was created in 2015 and is a joint effort among NIST, the National Telecommunications and Information Administration, and the United States Department of Defense. NASCTN’s mission is to provide robust test processes and validated measurement data necessary to develop, evaluate and deploy spectrum sharing technologies that can increase access to the spectrum by both Federal agencies and non-Federal spectrum users. NASCTN conducts projects with private sector entities via Cooperative Research and Development Agreements (CRADA). NASCTN has completed the “Impact of LTE Signals on GPS Receivers” project and released the NASCTN report “LTE Impacts on GPS” on February 15, 2017. The report describes the project, the test methodology and the test results and is available at: http://nvlpubs.nist.gov/nistpubs/TechnicalNotes/NIST.TN.1952.pdf.

The focus of this NASCTN project, proposed by Ligado Networks in 2016 and conducted under a CRADA between NIST and Ligado Networks, was the development of a test methodology to: (1) Investigate the impact of LTE signals on GPS devices that operate in the GPS L1 frequency band; and (2) perform radiated radio-frequency measurements on a representative set of GPS devices to validate the test methodology.

At the start of the project, NASCTN convened a panel of technical experts to develop a test plan with the following objectives: Develop a test plan that is transparent, reproducible, and well-calibrated; develop sound, statistically-valid data retrieval and processing techniques; provide a clear path from measurement setup, to data collection, to processed results; and provide data to inform discussions between different interested parties on proper measurement requirements. The goal

1 A CRADA is the principal mechanism used by Federal laboratories to engage in collaborative efforts with non-Federal entities and allow the exchange of resources with private industry to advance technologies that can then be commercialized for the benefit of the public and the U.S. economy.
was to make reproducible measurements under clearly-defined test conditions to isolate impacts of radiated LTE signals on GPS receivers, and to allow others to make comparable measurements if desired. To accomplish this, the approach aimed to measure the response of selected GPS devices given well-controlled GPS and LTE power levels under fixed, stable thermal noise conditions, while limiting the number of other extraneous variables.

In May of 2016, the NASCTN team completed the draft test plan and distributed it to a cross-section of GPS manufacturers, Federal agencies, and spectrum regulators and released it publicly for comments to obtain technical feedback on the proposed method. Over a two-month period, NASCTN received 159 comments from 10 different organizations. The NASCTN team reviewed the comments and developed a revised test plan in July of 2016 that addressed the technical issues raised in the comments. The draft test plan, the revised test plan, and the adjudicated comments from the review process are all publicly available on the NASCTN Web site at: https://www.nist.gov/programs-projects/impact-lte-signals-gps-receivers.

Over a three-month period, from August through October 2016, NASCTN performed the radiated measurements associated with this project at two facilities—a semi-anechoic chamber at National Technical Systems in Longmont, Colorado and at a fully-anechoic chamber at the NIST Broadband Interoperability Testbed facility in Boulder, Colorado, using the revised test plan.

NASCTN relied on technical staff from NIST and the U.S. Army’s Electronic Proving Grounds to perform and validate the measurements and collect the data. The team was multidisciplinary, including expertise in GPS devices and simulation, radiated radio-frequency measurements, timing measurements, microwave metrology, statistical analysis and data processing.

In total, NASCTN performed 1,476 hours of testing and collected over 19,000 data files for a variety of measurands, including carrier-to-noise-density ratio (C/N0), 3D position error, timing error, number of satellites in view, time to first fix, and time to first reacquisition, that were collected from a number of GPS devices at a baseline condition (no LTE signals present) and over a large range of LTE signal power levels. Subsequent data processing yielded a set of 3,859 anonymized data files (780 MB) that may be requested here: https://www.nist.gov/sites/default/files/documents/2017/02/15/impact_of_}

DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

RIN 0648–XF375
Mid-Atlantic Fishery Management Council (MAFMC); Public Meeting

AGENCY: National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Commerce.

ACTION: Notice of a public meeting.

SUMMARY: The Mid-Atlantic Fishery Management Council (Council) will hold public meetings of the Council in conjunction with the Atlantic States Marine Fisheries Commission.

DATES: The meeting will be held on Wednesday, May 10, 2017, from 1 p.m. until 5:45 p.m. For agenda details, see SUPPLEMENTARY INFORMATION.

ADDRESSES: The meetings will be held at: The Westin Alexandria, 400 Courthouse Square, Alexandria, VA 22314, telephone: (703) 253–8600.

Council address: Mid-Atlantic Fishery Management Council, 800 N. State Street, Suite 201, Dover, DE 19901; telephone: (302) 674–2331 or on their Web site at www.mafmc.org.

FOR FURTHER INFORMATION CONTACT: Christopher M. Moore, Ph.D., Executive Director, Mid-Atlantic Fishery Management Council, telephone: (302) 526–5255.

SUPPLEMENTARY INFORMATION: The following items are on the agenda, though agenda items may be addressed out of order (changes will be noted on the Council’s Web site when possible).

Agenda

Wednesday, May 10, 2017

1. Welcome/Call to Order
2. Scup Quota Period Framework (Framework 10 to the Summer Flounder, Scup, and Black Bass FMP)
   Final Action
3. Comprehensive Summer Flounder Amendment
   Review draft range of alternatives for commercial issues and approve range of alternatives for further development and inclusion in a public hearing document
4. Review Implementation of 2017 Summer Flounder and Black Sea Bass Recreational Measures
5. Black Sea Bass Wave I Fishery
   Review white paper on potential experimental recreational Wave 1 black sea bass fishery and consider postponed motion to allow experimental wave 1 for-hire