

SARC 64- **Atlantic mackerel** Working Group Data meeting  
Woods Hole MA, 02536  
May 8- May 11, 2017

**A. Atlantic mackerel (NAFO Subareas 3-6)**

**Terms of Reference to be addressed:**

1. Spatial and ecosystem influences on stock dynamics:
  - a. Evaluate possible spatial influences on the stock dynamics. Recommend any need to modify the current stock definition for future stock assessments.
  - b. Describe data (e.g., oceanographic, habitat, or species interactions) that might pertain to Atlantic mackerel distribution and availability. If possible, integrate the results into the stock assessment (TOR-4).
2. Estimate catch from all sources including landings and discards. Describe the spatial and temporal distribution of landings, discards, and fishing effort. Characterize the uncertainty in these sources of data.
3. Evaluate fishery independent and fishery dependent indices being used in the assessment (e.g., indices of relative or absolute abundance, recruitment, state surveys, age-length data, etc.). Characterize the uncertainty and any bias in these sources of data.

**Meeting Agenda**

**Monday** May 8, 2017 9:00 AM-5:00 PM Clark Conference Room- Woods Hole Lab

Morning

Introductions and logistics  
Approve agenda

**TOR 2**

1. Review U.S. Commercial catch data
  - a. examine available time series of data
  - b. examine available length and age data
2. Review Canadian Commercial catch data
  - a. examine available times series of data
  - b. examine available length and age data
3. Review of Recreational catch data
  - a. examine available time series of data
  - b. examine available length and age data
4. Review catch at age matrices

Lunch 12:00 – 1:00 pm

Afternoon

TOR 2 continued

TOR 1

1. Review current stock structure information
  - a. Review of current stock/spatial descriptions
  - b. Otolith microchemistry results –Secor
  - c. Spatial patterns in Survey – Adams
  - d. Thermal habitat model – Manderson
  - e. Lower level productivity - Friedland

**Tuesday** May 9, 2017 8:30 AM – 5:00 PM Tech Park, Falmouth (directions below)

Morning

TOR 1 Continued.

TOR 3

Biological data

- a. Age and growth
- b. Length-weight relationship
- c. Maturity at age and length

Review of Federal Fishery Independent Surveys

- a. NEFSC Bottom Trawl Survey
- b. Canadian Egg survey index
- c. U.S. Egg survey index -Richardson
- d. U.S. Mackerel Larvae survey - Mcmanus

Lunch 12:00 -1:00 pm

Afternoon

TOR 3 continued

**Wednesday** May 10, 2017 8:30 AM – 4:30 PM Tech Park, Falmouth (directions below)

General discussion

Consensus decisions regarding information presented

**Thursday** May 11, 2017 8:30 AM – 2:00 PM Tech Park, Falmouth (directions below)

Continue with TOR 1-3 if needed

## Meeting Connection Details

Adobe Connect:

<https://noaast.adobeconnect.com/mackerelwgdatamtg/>

Call in:

[866/836-6169](tel:8668366169) (toll free)

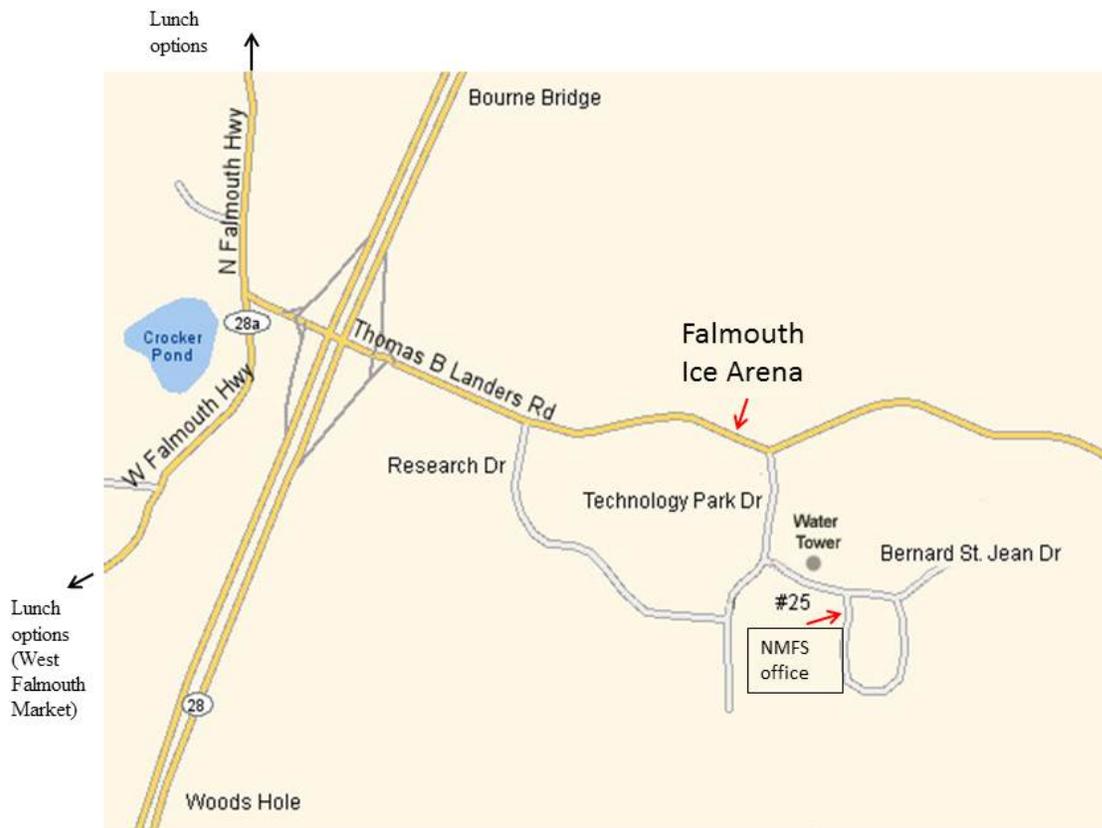
[203/566-4221](tel:2035664221) (toll; for international callers)

Participant code: 5443237

## Logistics:

**Attending the meeting in Woods Hole (May 8<sup>th</sup>):** Please check in with front desk (you will need a photo ID) for Visitor Pass, Parking Permit and door code to enter the Aquarium Building (door on side next to Town Dock). Parking is available in NEFSC parking lots or on the street. If you park on the street, you **MUST** deposit money in the meter or you will be ticketed/towed/ and flogged.

Meeting room for Tuesday to Thursday will be at the **Tech Park** facility Observer Training Room. Directions are provided below. The same Conference call line and Adobe Connect will apply. Please enter through the front door and obtain a Visitor Pass if you did not receive one in Woods Hole.



## Directions to the NEFSC Technology Park Site

The tech park site is in the MBL Building at #25 Bernard Saint Jean Dr.

### From the Bourne Bridge -

Head south on Rt. 28 towards Woods Hole until you reach the Thomas Landers Rd exit. Take a Left at the end of the ramp heading towards East Falmouth...

### From Woods Hole -

Head North on Route 28 towards the Bourne Bridge until you reach the Thomas Landers Rd exit.

Take a Right at the end of the ramp heading towards East Falmouth...

### Then...

Follow Thomas Landers to the 2nd entrance to the Technology Park (bypassing the first entrance on Research Drive)

Turn Right onto **Technology Park Drive** next to the **Falmouth Ice Arena** and then turn left onto **Bernard Saint Jean Dr. (about 400 m)** which will be your first road on the left.

Entrance for the MBL Building #25 (NOAA office) is the second on the right after the turn. Visitors can park along the edge of the road next to the parking lot (employees only).

