Coonamessett Farm Foundation: Electronic catch reporting for the US scallop fleet
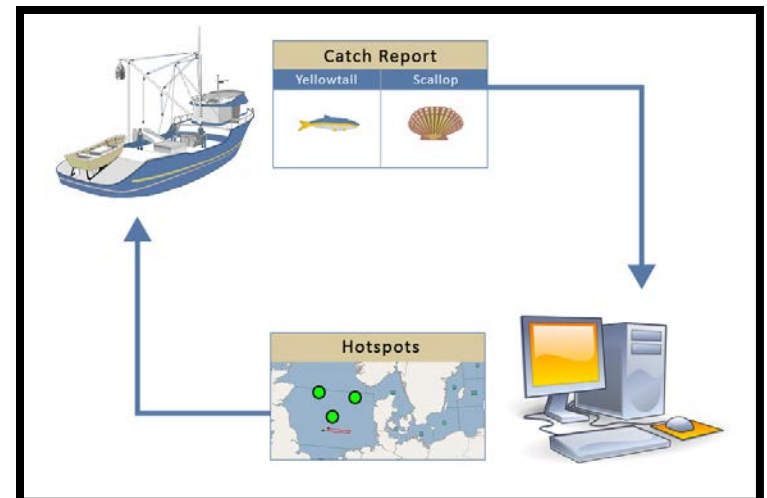
- -RSA: Real-Time Bycatch Reporting Pilot Project
- -PSFMC: FLDRS for the Mid-Atlantic scallop fleet

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Coonamessett
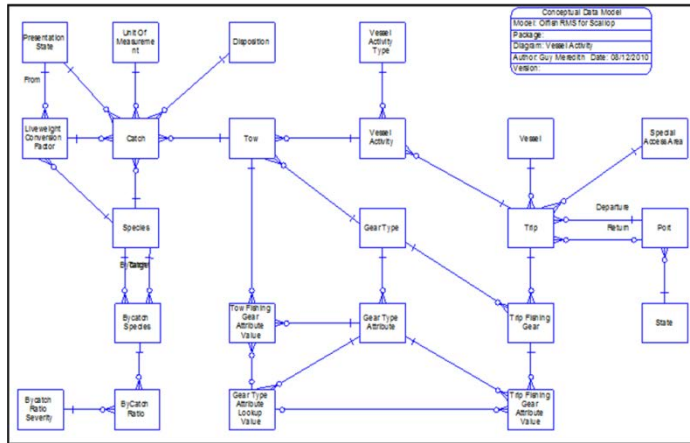Farm Foundation

# Electronic catch reporting

- Why electronic catch reporting?
  - -eVTR

  - Fishery dependant data
    - Lack of survey data
    - Observer coverage
    - AMs
    - Bycatch avoidance

- Project progress to date:
  - 2013: 6 vessels reporting
  - 2014: 10 vessels reporting
  - Social science

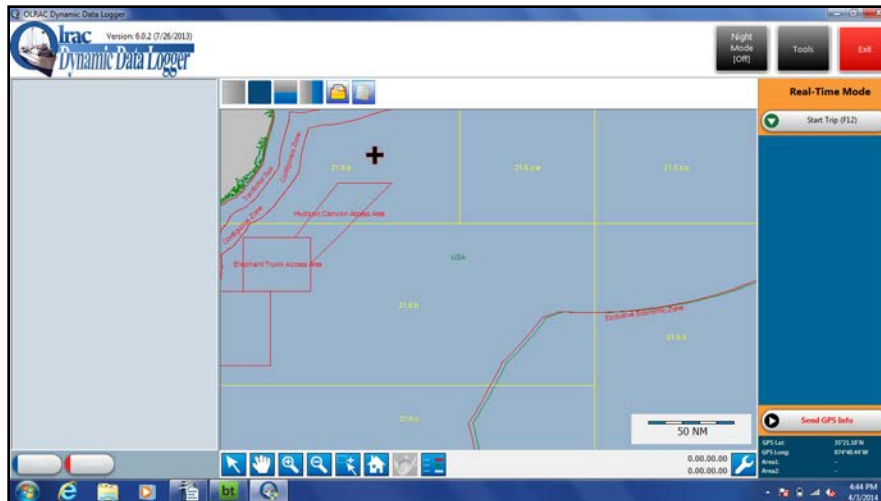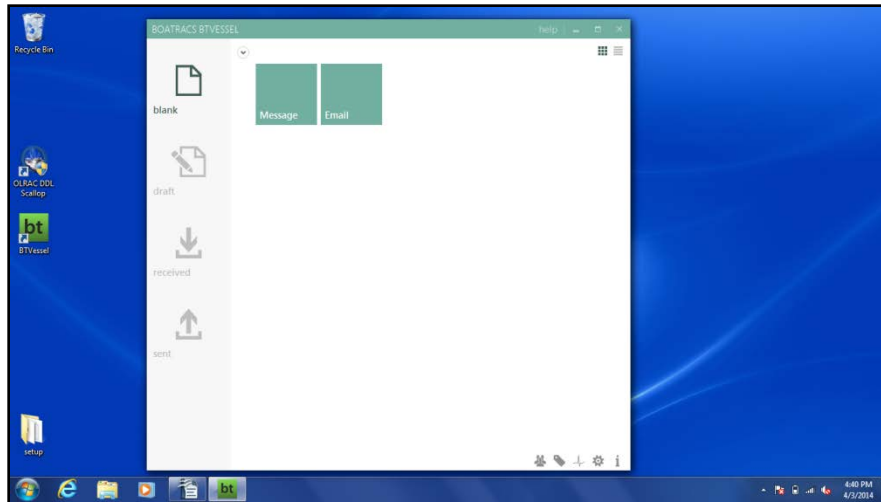# Real-Time Bycatch Reporting Pilot Project

- Preliminary stage
  - Conceptual planning
    - What data should be collected?
    - What is feasible to have fishermen collect?
  - Software development
    - How to transmit the data?
    - Costs?
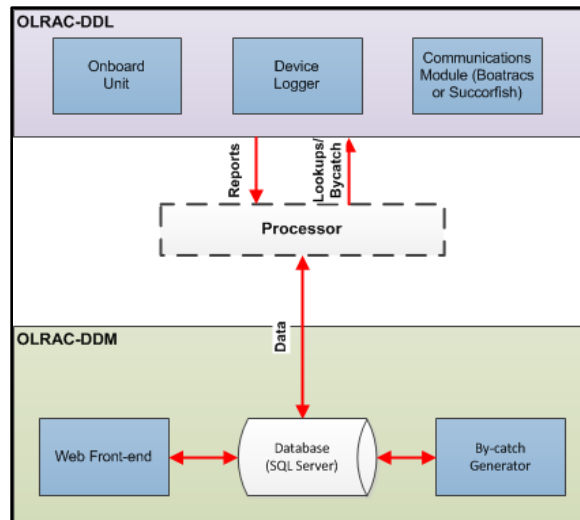
- Secondary stage
  - Test data
    - On land
    - On the F/V Celtic (2011)
  - Data transmission
   - Boatracs (2011)
   - Succorfish (2012)

Real-Time Bycatch Reporting Pilot Project

- Setup:
  - GPS Logger
    - Automatic GPS

  - BTVessel
    - (Btvessel vs. WBUI)

  - Olrac DDL
    - Dynamic Data Logbook
      - Upgrades in 2012 over initial version

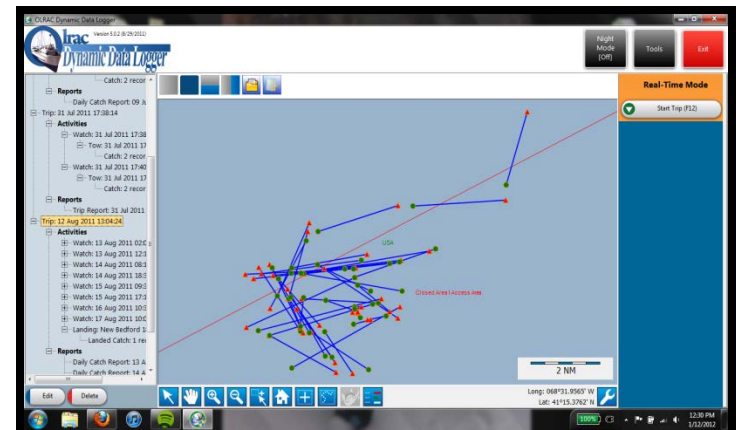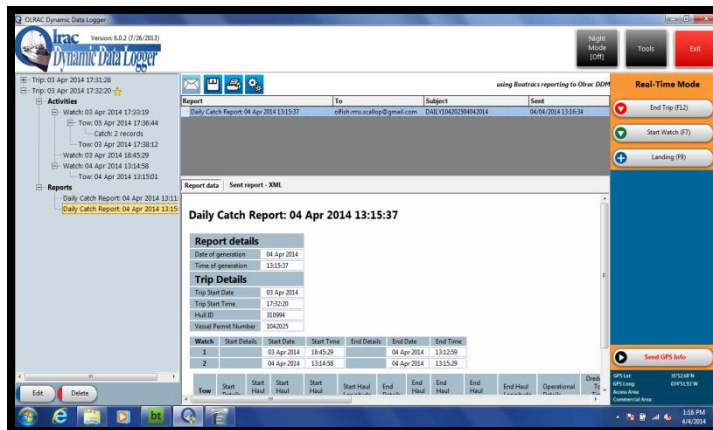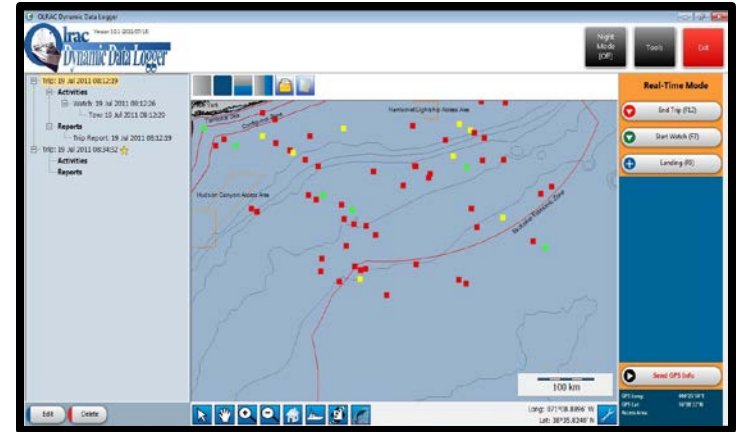# Real-Time Bycatch Reporting Pilot Project

- Start a trip
  - Minimal manual data input
  - Autofill capabilities

- Entering catch data
  - Redesigned grid system
  - Flexible to add or remove features
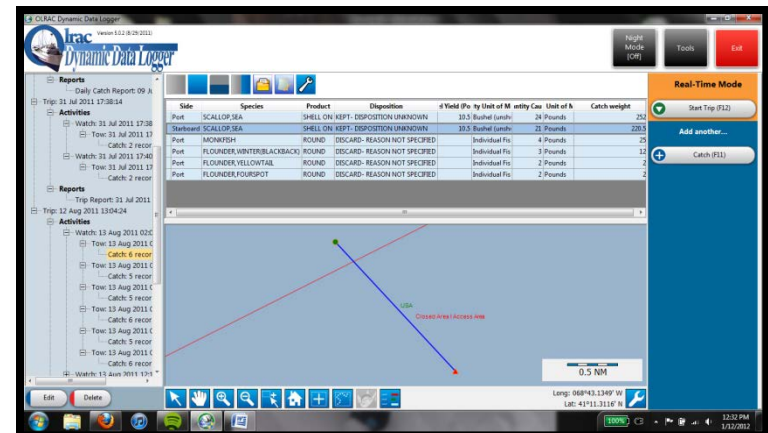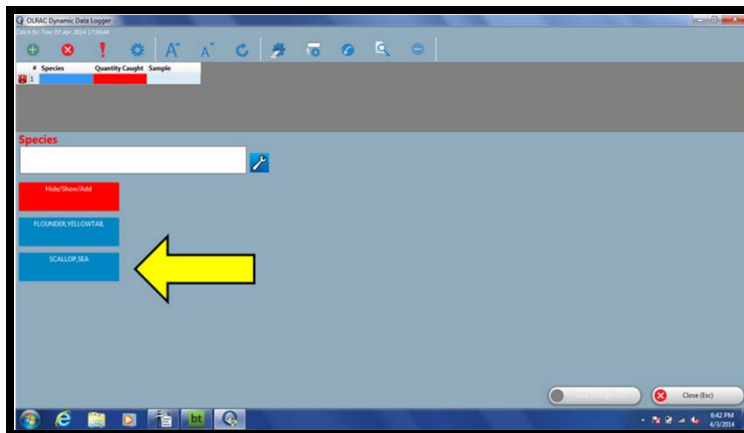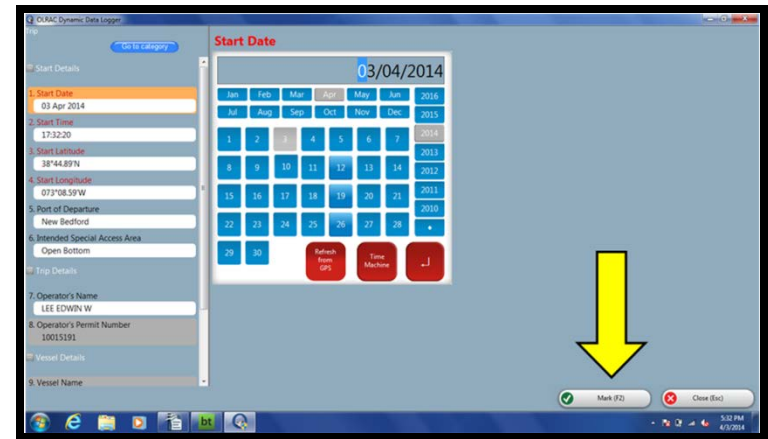
Real-Time Bycatch Reporting Pilot Project

Reporting:

- To shore:
  - Daily catch reports
  - Trip reports

- To the vessel:
  - Bycatch reports

Real-Time Bycatch Reporting Pilot Project

CFF Electronic Monitoring Program
vs.
NOAA FLDRS Program

- ## CFF EM Program
  - Not certified for eVTR
  - Visualize real-time on mapper
  - Send back real-time bycatch hotspot maps

  - Shore-based online program to visualize data, accessible to owners/captains

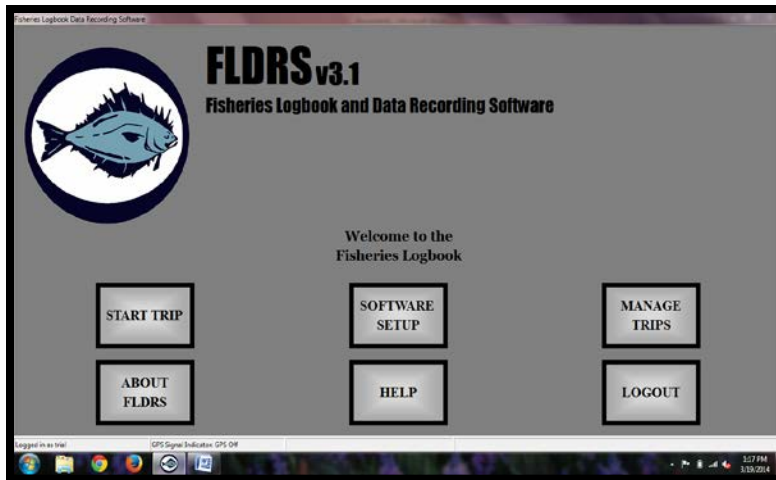 - Data not transmitted to NOAA, stays within the industry
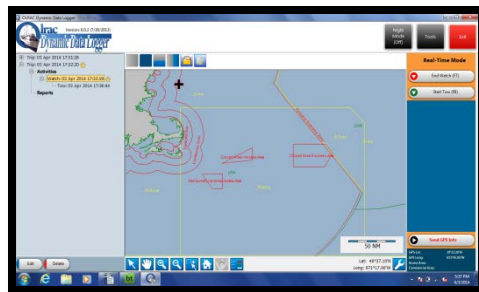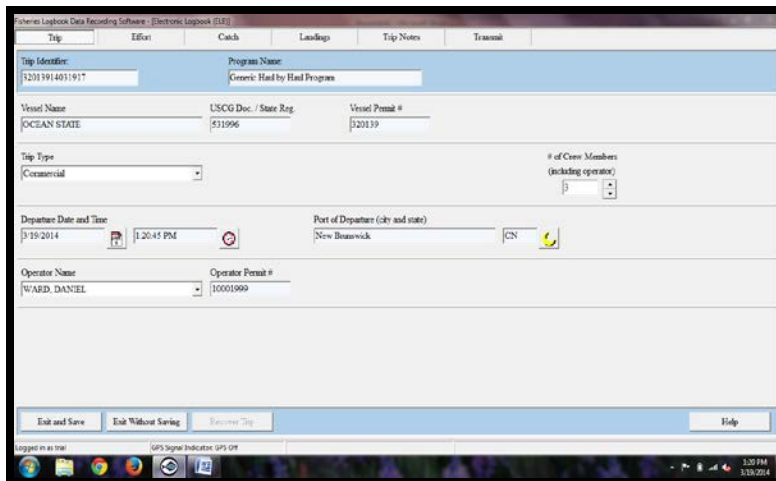
- ## NOAA FLDRS Program
  - Certified eVTR program
  - No mapper function
  - No ability to send information back to the vessel

  - Shore-based program to edit catch data available to owners/captains

  - Data transmitted to NOAA

PSFMC: FLDRS for the Mid-Atlantic scallop fleet

- Mid-Atlantic vessels only for the first round

- Incentive-based payments

- GPS and sounder inputs

PSFMC: FLDRS for the Mid-Atlantic scallop fleet

- Catch and tow data relates to NEFSC and Observer program codes

- Environmental data collection

- Sent with USB, and then emailed

Thank you

- Eastern Fisheries: Ronnie Enoksen and Peter Anthony
- Joe Gilbert and Ed Lee (F/V Regulus and F/V Furious)
- Charlie Quinn and Paul Desmarais (F/V Celtic)
- Heidi Henninger
- Fatima Felaar
- Dominic Bindley, Alan Yu