aryland Blue Crab dustry Design Team
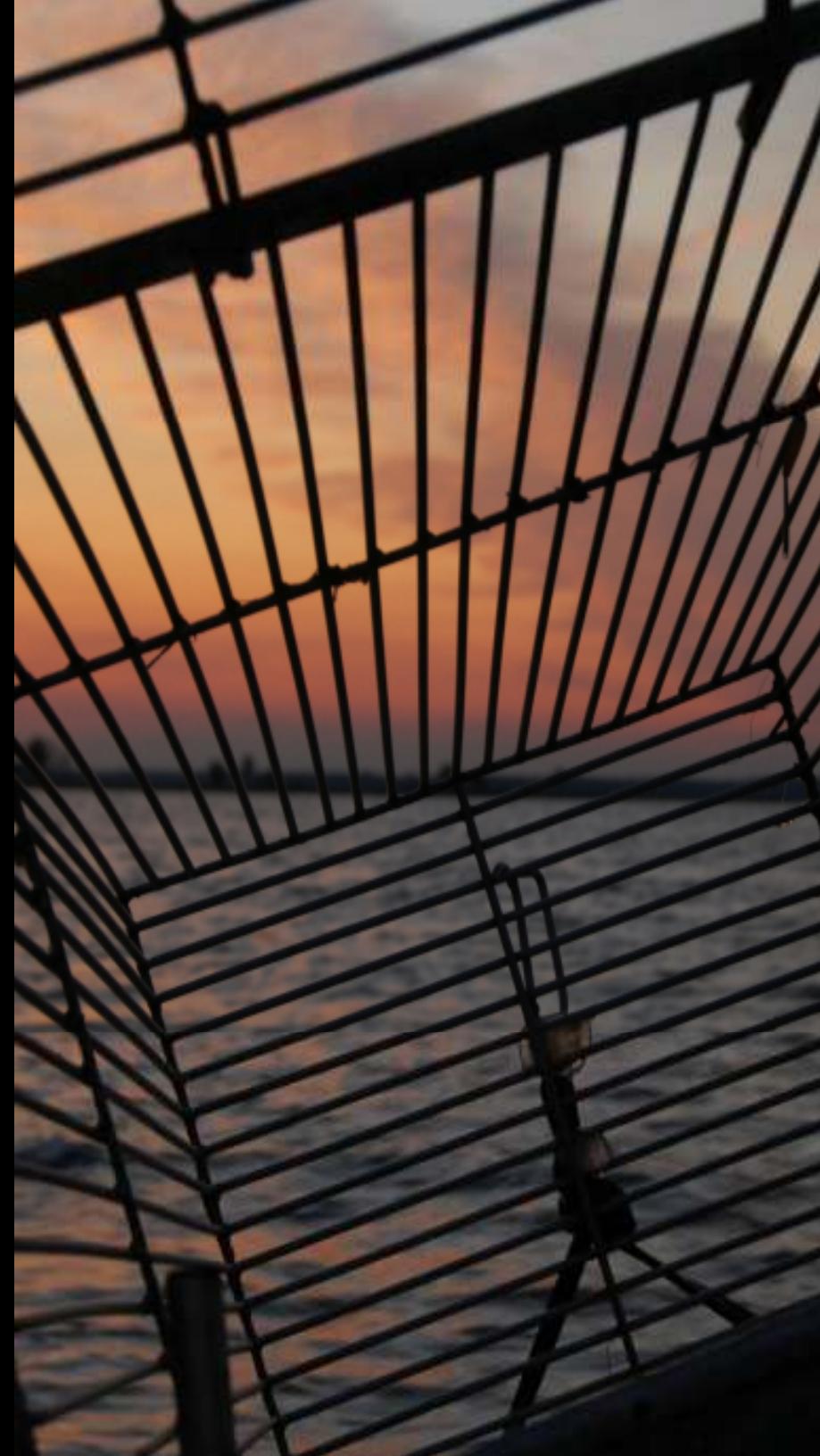
tronic Reporting and nitoring Pilot Project

July – November 2012

Maryland Blue Crab Industry Design Team

- Industry-led effort

- Long-term management improvements to the commercial blue crab fishery

- Collaborative, co-management process

WATERMEN WAY

Watermen leading the way to

Industry Design Team

ign and recommend a management system that is ***developed by the industry***
ports healthy businesses, healthy communities and a healthy crab stock for ge
ome.

ommending a system that will meet Maryland Department of Natural Resource
nagement Principles as well as ***industry-defined vision and goals*** for the fish
he top ***challenges and priorities*** in the crab industry today

BLUE CRAB DESIGN TEAM ADOPTED VISION AND GOALS

1 Healthy blue crab fishery
Goal: Increased accountability for managers and industry

2 Watermen can make money
Goal: Better market and more stable prices
Goal: Differentiate the Maryland crab from other product

3 Industry is unified and well-coordinated
Goal: Better coordination with managers
Goal: Promote full-time watermen

bility to collaborate well with managers, scientists and coordinate w
industry.

olic image is misconstrued by media.

bility to proactively defend and strengthen the commercial fishing
ustry.

bility to attract young watermen.

bility to make thoughtful business decisions due to changing regula

rrent system does not provide accurate harvest accountability
nagers.

k of control over crab prices throughout the season.

reasing crab costs.

k of control over crab supply from other states/countries into Mary

Accountability Pilot

- Daily electronic harvest reporting

- Daily electronic dealer reporting

- Trail program

- Dockside spot checks

- Central database

Design Team: Conduct a pilot project incorporating:

1. Daily, electronic harvest reporting
2. Daily, electronic dealer reporting
3. Hail Program
4. Spot Check

Requirements: Each participant in pilot has to:

If crabber:
1. Submit daily, independent harvest report
2. Participate in Hail Program
3. Be subject to spot checks

If crab buyer:
1. Submit daily buyer report at trip level
2. Be subject to spot checks

Technologies: Participant chooses to use one:

- **Call Service** using phone
- **Texting** using phone
- **Mobile App**

- **Web-based system**:
  - Smart Phone
  - Tablet
  - Computer

Who: A mix of crabbers and crab buyers covering all types of harvesting styles and business models in Maryland.

Diverse Indust
Participation

Participants
yesters and Dealers
Gear Types
rab Types
Tidal Counties: 17 counties
Business Models

MARYLAND WATERMEN'S ASSOCIATION, INC.

FOUNDED 1973

MARYLAND
DEPARTMENT OF
NATURAL RESOURCES

EDF
ENVIRONMENTAL
DEFENSE FUND™

ing the ways that work

WATERMEN WAY

Watermen leading the way to
a healthier Chesapeake

TER RECOVERY

VERSAR

electricedg
Systems Group Inc.

Schedule

- March: Design Team RFP Process

- March-May: Finalize Contracts

- May-July: System Design and Testing

- Mid-July: Pilot Project Launch

- July-November: Pilot Implementation

- December: Evaluation

Outcomes

- Test and evaluate operational capability of technology platforms on the water

- Evaluate efficiencies of electronic reporting and monitoring

- Identify cost of accountability measures

- Utilize industry expertise in management process

- Demonstrate co-management in practice