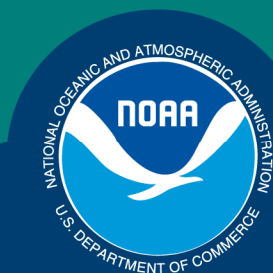


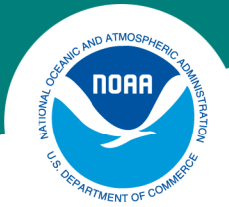
Science, Service, Stewardship



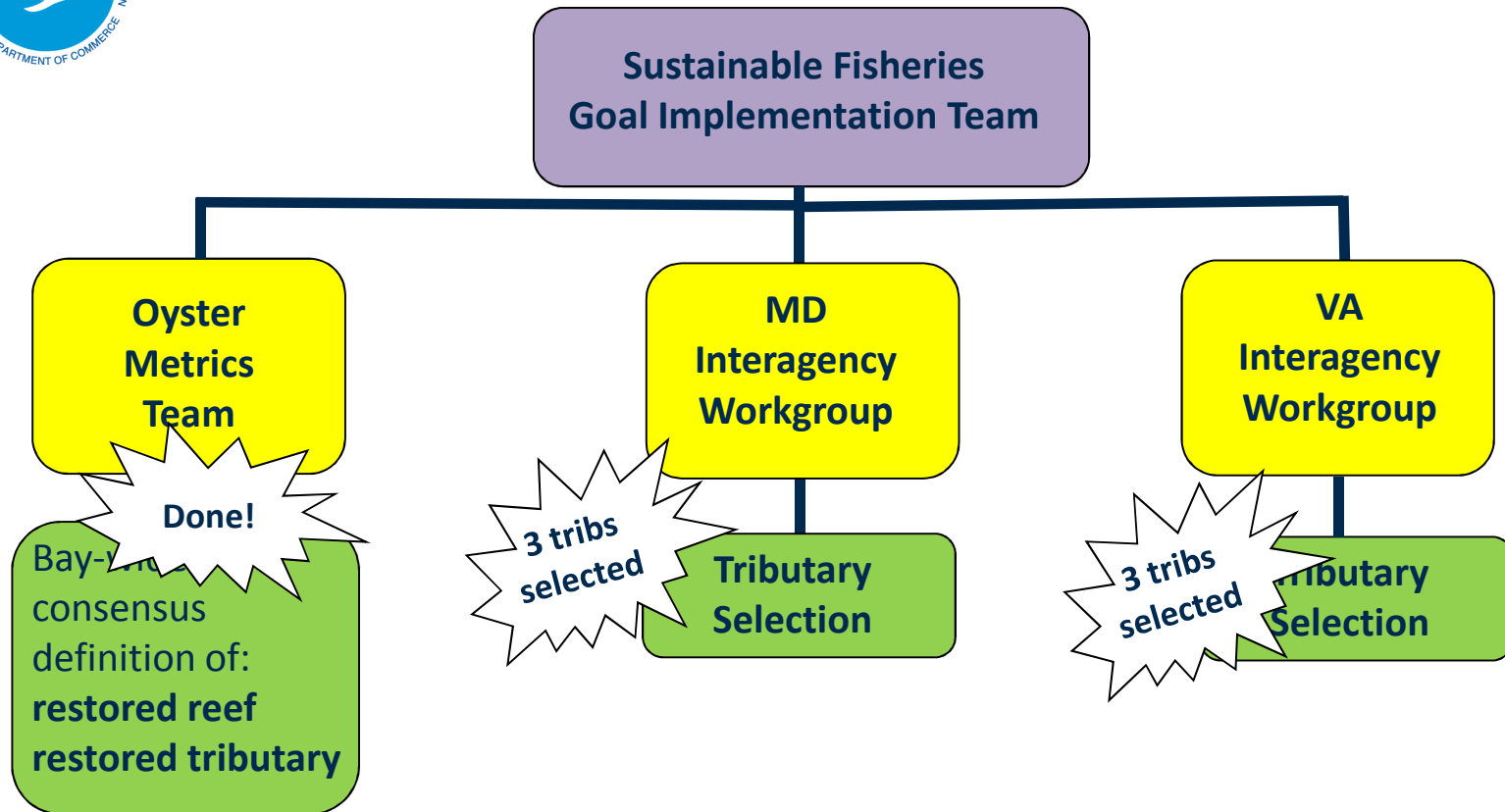
Progress Update: Executive Order oyster goal

Stephanie Reynolds Westby
Stephanie.westby@noaa.gov

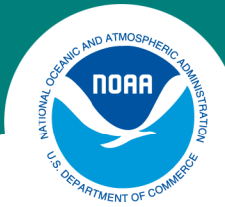
**NOAA
FISHERIES
SERVICE**



Goal:
**Restore oyster populations in
20 tributaries by 2025**

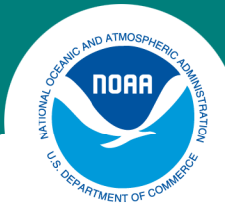


**NOAA
FISHERIES
SERVICE**

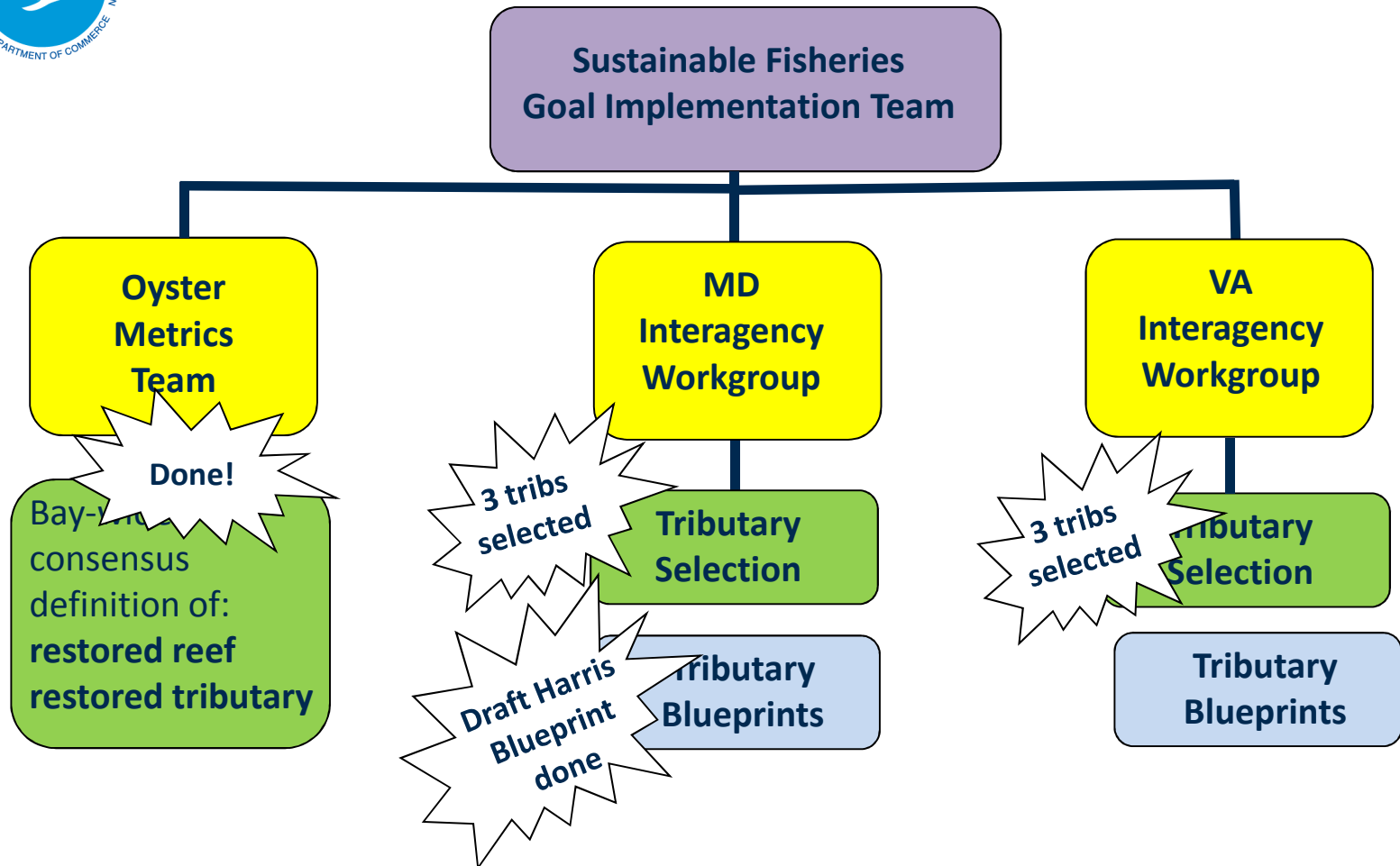


Tributaries Selected for Targeted Oyster Restoration





Goal:
**Restore oyster populations in
20 tributaries by 2025**

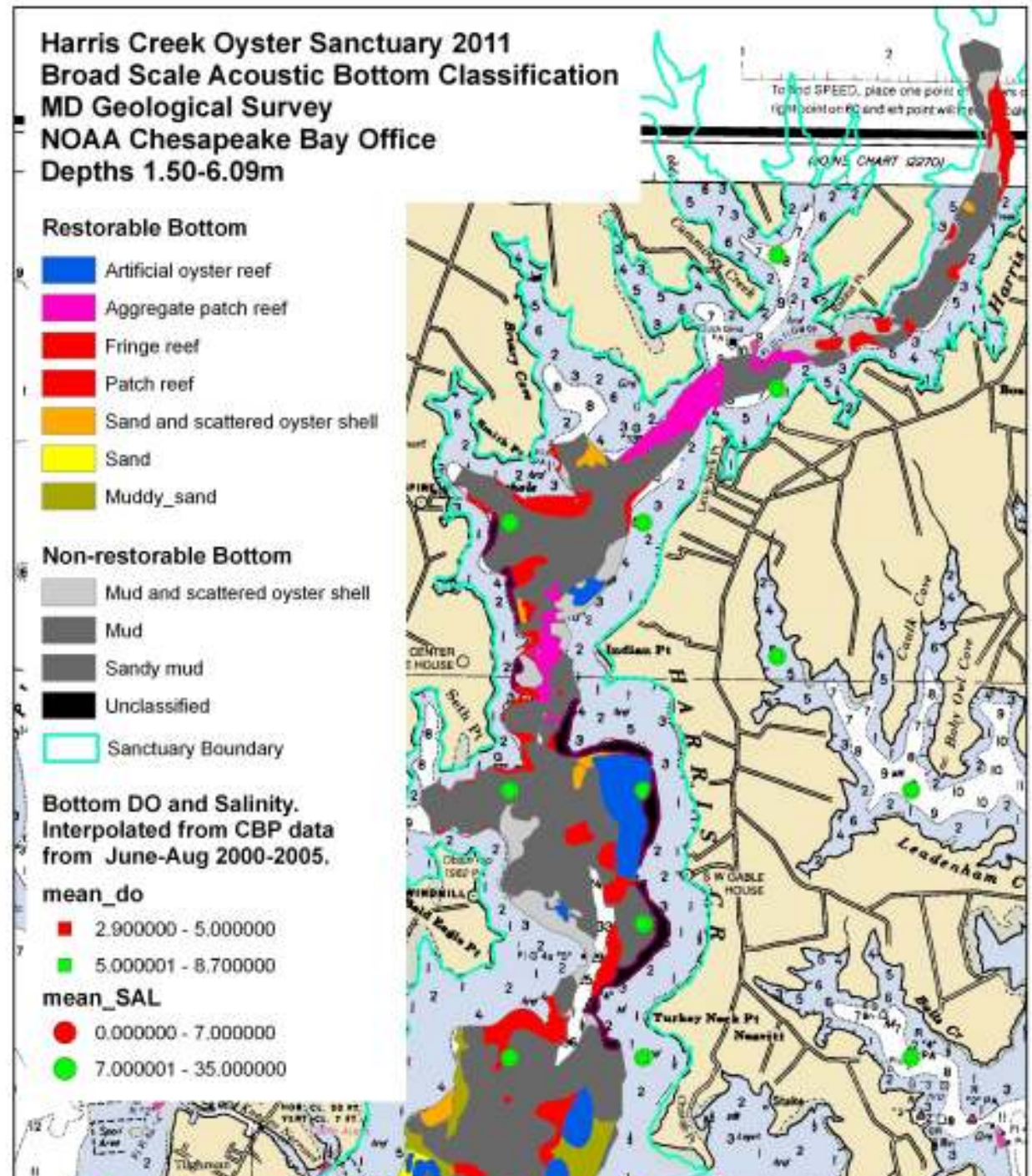


NOAA
FISHERIES
SERVICE

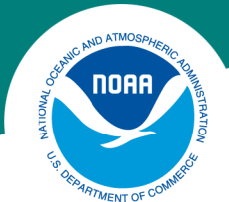


Harris Blueprint Process

- **Restorable bottom analysis:** *where is the suitable bottom?*

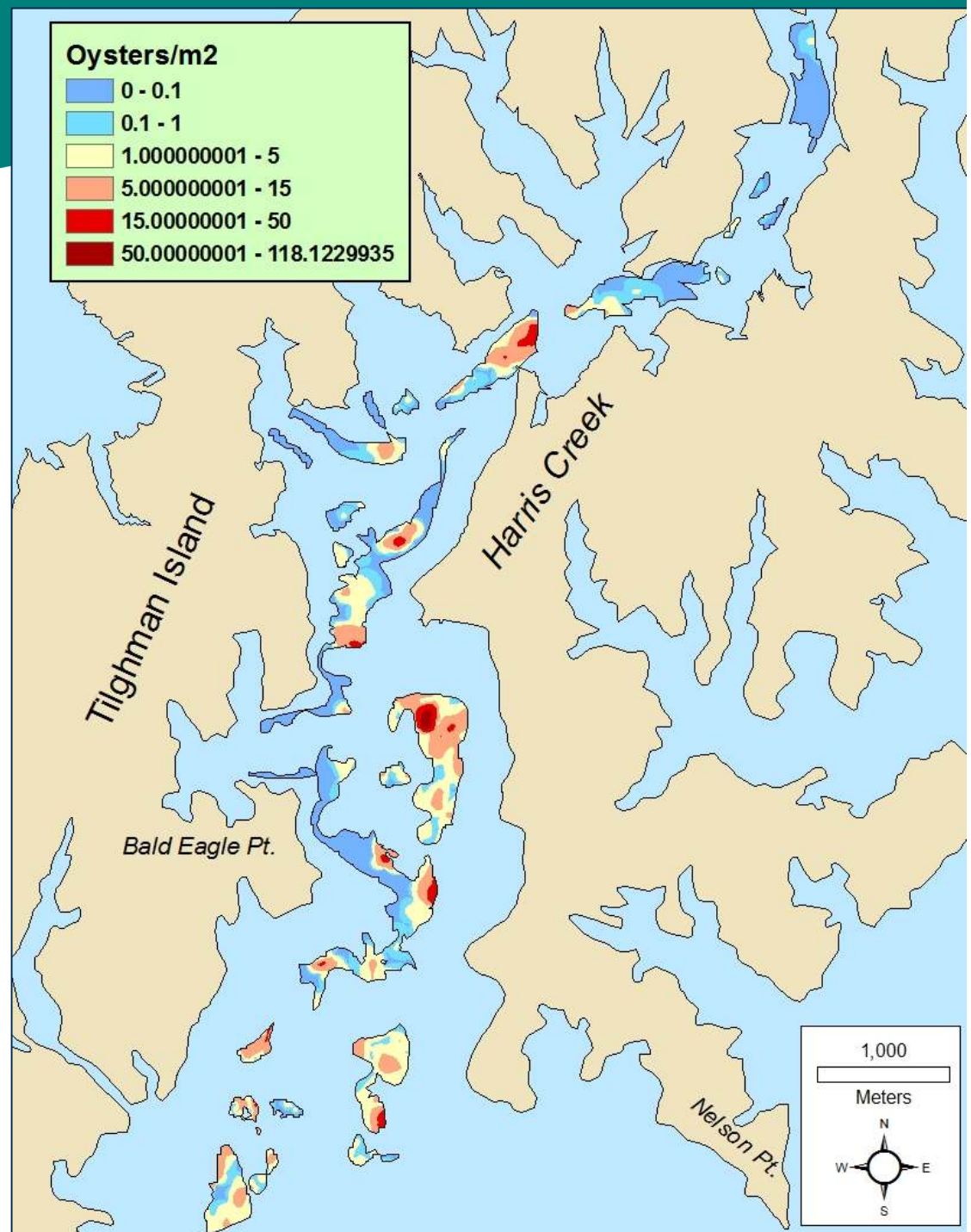


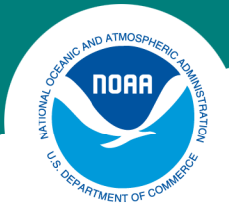
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SERVICE



Harris Blueprint Process

- Restorable bottom analysis:
where is to suitable
- **Oyster population surveys:**
*where are the existing
oysters, and at what
density?*

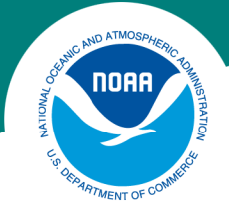




Harris Blueprint Process

- Restorable bottom analysis:
where is to suitable
- Oyster population surveys:
*where are the existing
oysters, and at what
density?*
- **Open House:** *what does the
public think of this?*



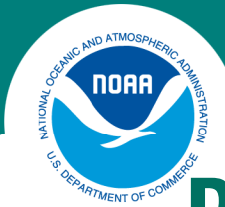


Harris Blueprint Process

- Restorable bottom analysis: where is to suitable
- Oyster population surveys: *where are the existing oysters, and at what density?*
- Open House: *what does the public think of this?*
- **Assumptions & cost estimates:**
ex: oyster mortality rate, natural spat set, cost per acre for substrate, cost per million planted seed, etc.

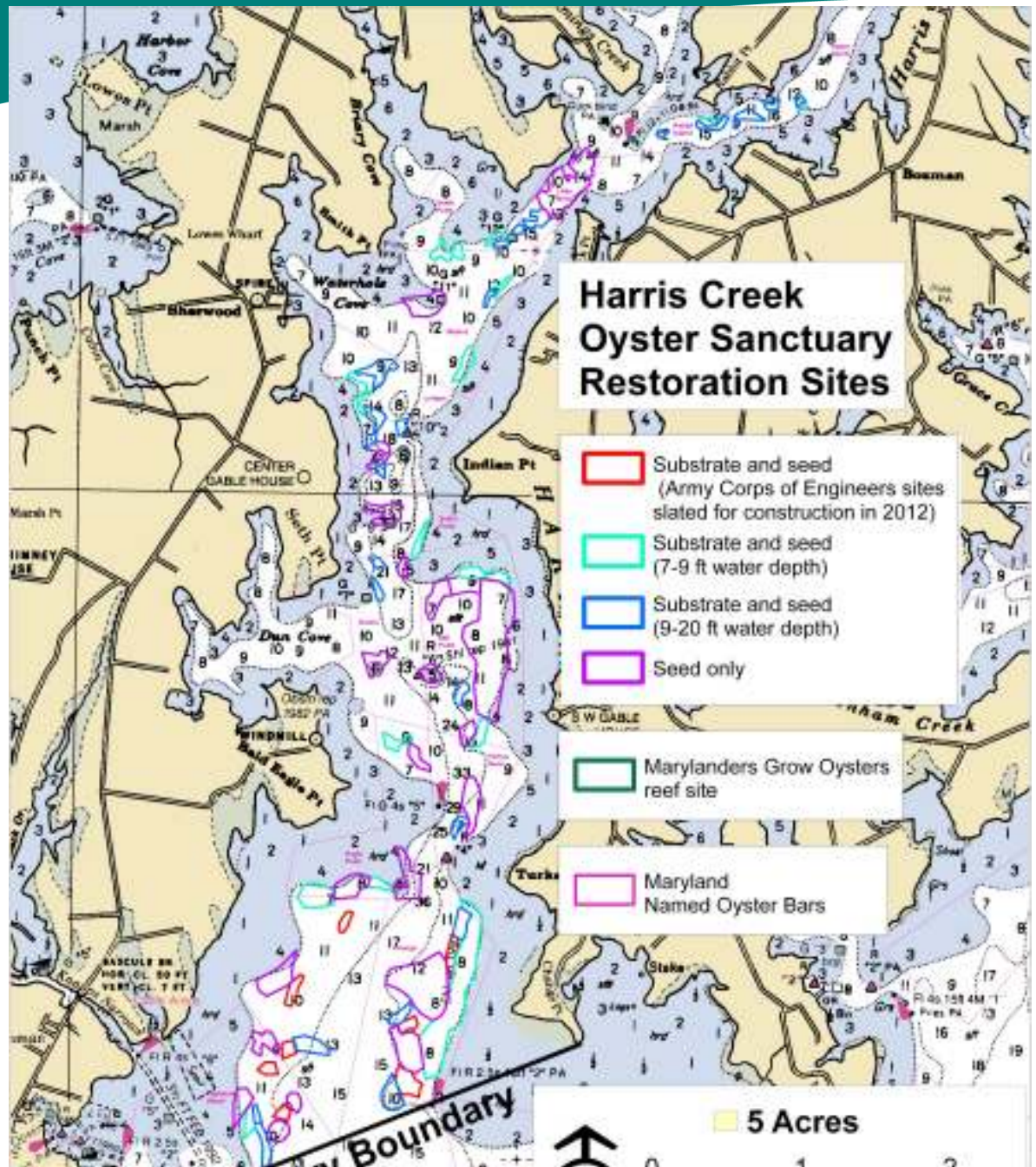


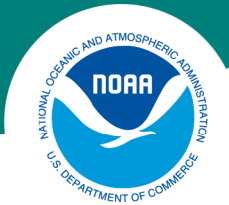
NOAA
FISHERIES
SERVICE



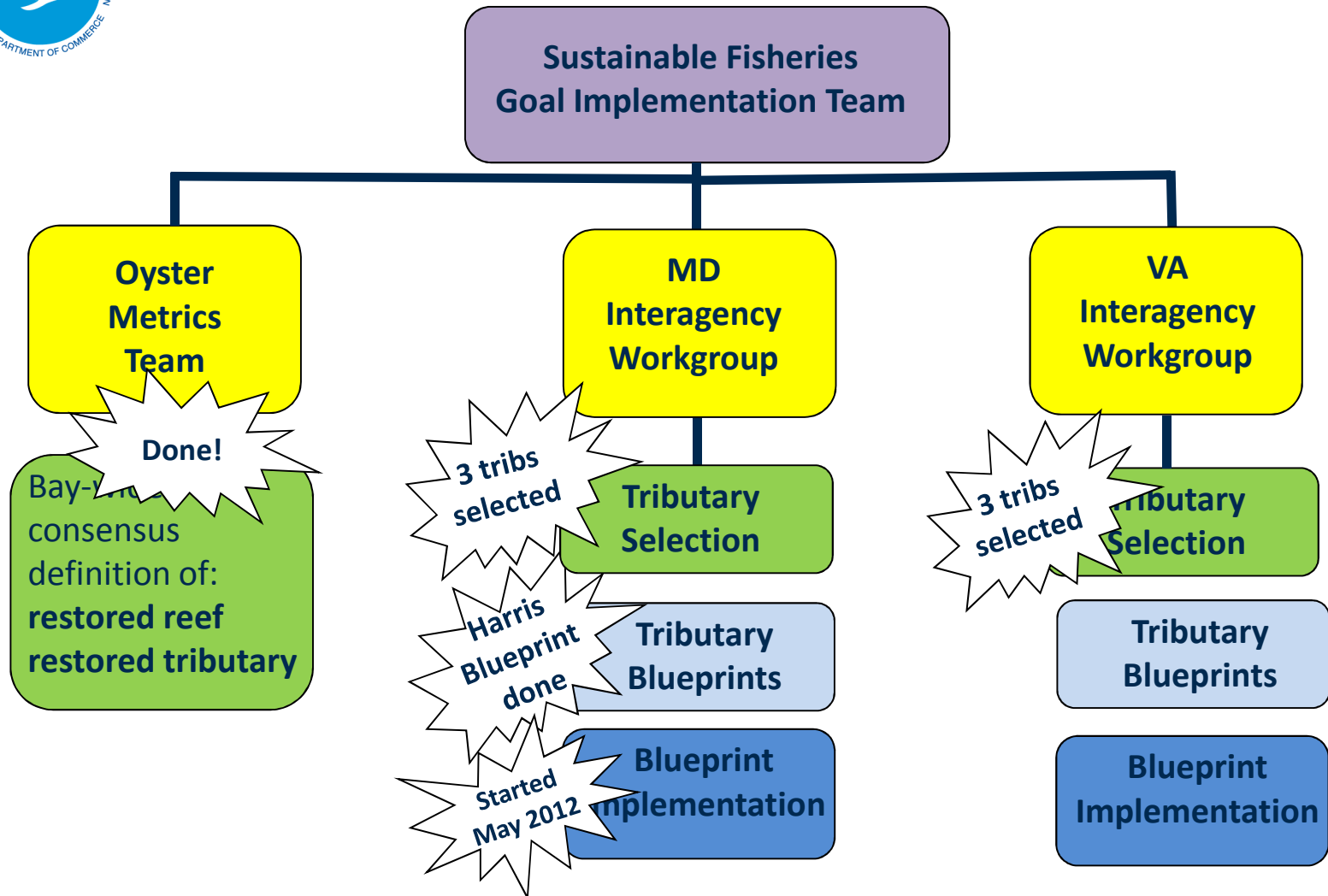
Draft Harris Creek Blueprint

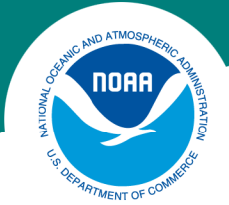
- Acres targeted: 360
- Seed required: 2 billion
- Substrate needed:
250,000 cubic yards
- Cost: \$27 million





Goal:
**Restore oyster populations in
20 tributaries by 2025**





Harris Blueprint Progress

- 22 acres of reefs to be constructed by Army Corps this summer (construction started in May)
- 300 million spat-on-shell slated to be planted in 2012 (approx 10 million already planted since early May). Should restore about 50 acres.
- Approx. \$12 million is already slated toward the project (FY11 and FY12 funding, state and federal)