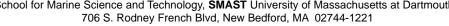
# The SMAST Cod Tagging Program: Georges Bank and Gulf of Maine

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Tag number

Date

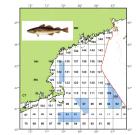
Position

Including

their efforts!

Depth







Capt. Pedro Cura (at right) and Engineer Luis Marcalo (foreground) tagging a cod aboard the F/V Fisherman during a groundfish trip on Georges Bank. Their homeport is New Bedford, MA

This tagging program is a cooperative effort involving:

 Commercial Fishing Industry! •SMAST

•NMFS

cod Tagging Project

SMAST 508-910-6392

- •MA Fisheries Recovery Commission
- •MA DMF









Fish length and weight

Address and Phone number

Water temperature



Fishermen report the following to SMASTS Tagging Center:



Temperature Button Tags Depth Temperature Tags

**Project Summary** 

- We have deployed ...
  - •19.917 vellow Flov tags
  - •100 Green Archival Tags which measure temperature and pressure, (water depth)
- 5 Pressure Temp. and Salinity Sensors We have recovered...
  - •613 yellow floy tags or 3.1 %
  - •16 pressure temperature sensors
  - •1 pressure temp salinity sensor



| Tag Statistics |            |               |
|----------------|------------|---------------|
| Species        | No. tagged | (% recapture) |
| Cod            | 19,588     | 3.1%          |
| Haddock        | 197        | 0.5%          |
| Striped Bass   | 57         | 5.3%          |

Pollock 0 % 51 24 Other spp. 4.2%

### **Environmental preferences of Cod**

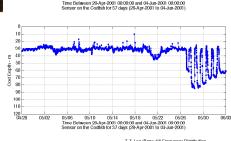
They receive a custom made SMAST Cod

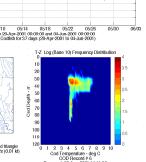
SMAST scientific staff have been very impressed with the skill and dedication of fishermen who have participated. This observation bears testimony to the belief that an invaluable resource - the fishermen should not be overlooked in their unique ability to contribute to scientific studies of benefit to their own communities.

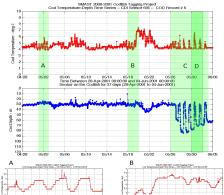


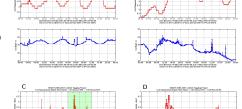
ease slightly. The change in depth from 80 meters to 30 meters in sections C, and D seem to indicate movement on and off Stellwagen Bani

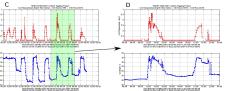












## **Cod Movement by Size Class**

