Edgartown's Activity

- Edgartown: Determine what large renewable energy opportunities the town might want to pursue.
  - What's feasible?
  - What's wise?

- Exploring
  - 70 kW Solar at the Highway Department
  - Wind at the waste water plant and off shore
  - Tide currents in Muskeget channel.

- Granted a FERC preliminary permit to establish up to 20 MW of tide engines in Muskeget channel.
  - Learning how to "work" the slow process
  - Need approximately 31 other "permits" and approvals

- Marine Wind and TISECs could share infrastructure.

- Possible Tide Engine Schedule
  - 2007 - Secure initial Permit
  - 2008 - Find best spots for current flow
  - 2009 - Secure Pilot Permit
  - 2010 - Place Pilot Plant 1 – 2 MW
  - 2011 - Apply for License
  - 2012 - Build out first stage: < 10 MW
  - 20?? - Expand?

Tuckernuck

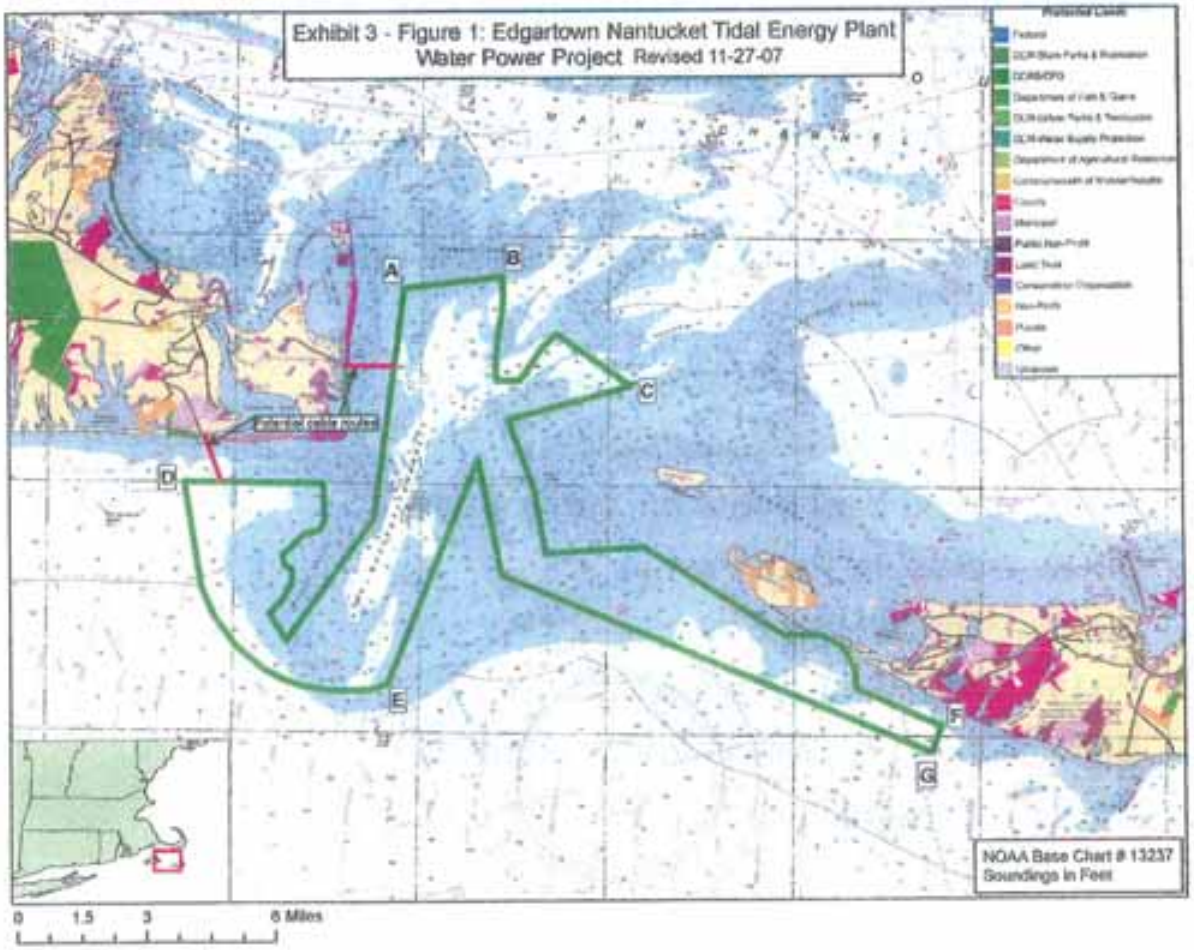
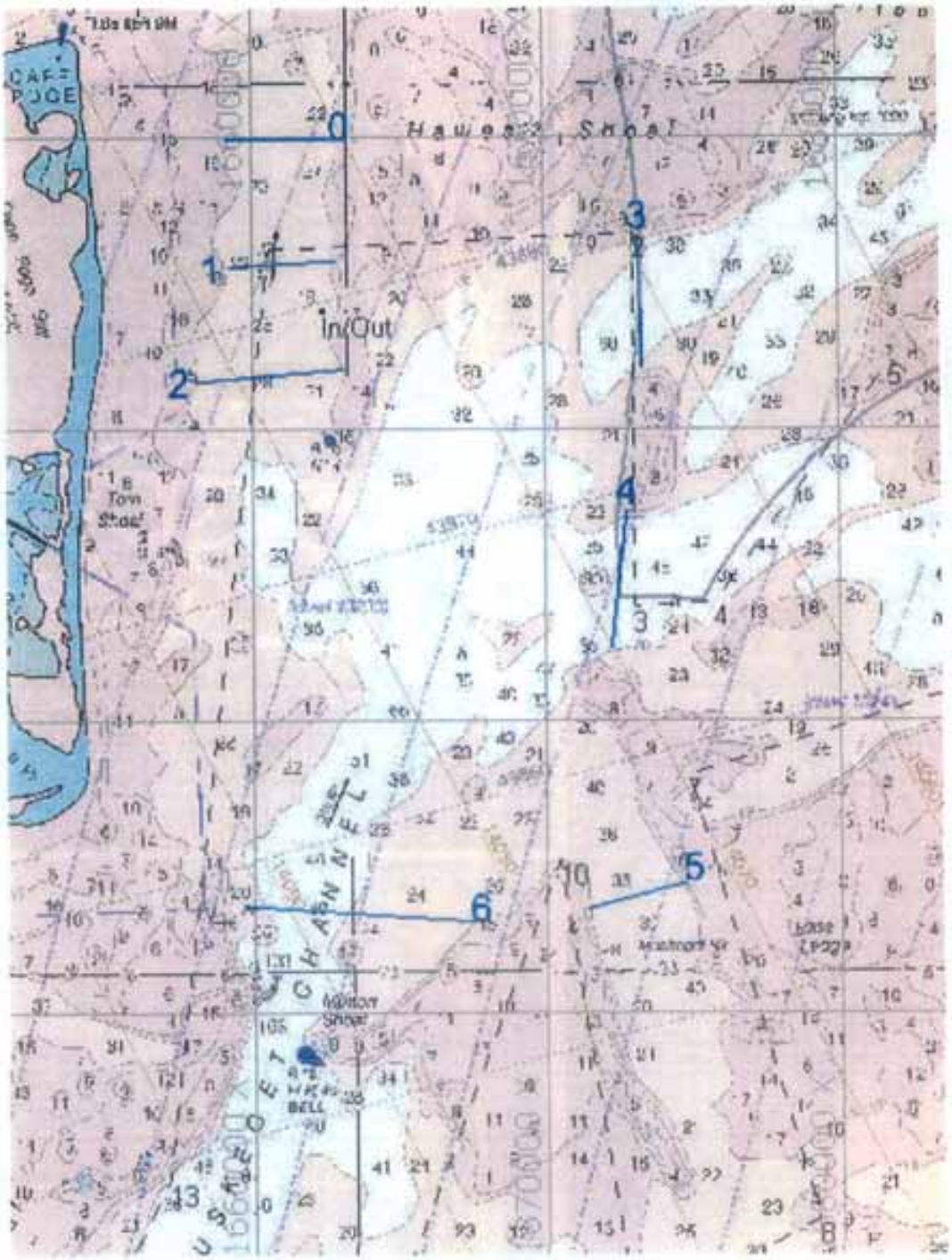
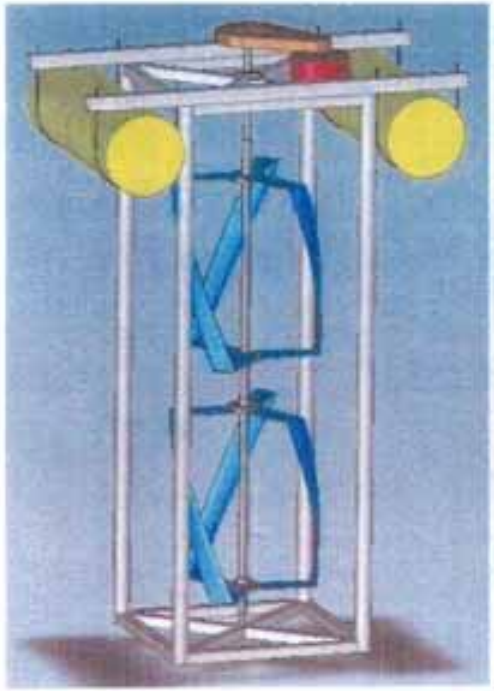


Exhibit 3 - Figure 1: Edgartown Nantucket Tidal Energy Plant
Water Power Project Revised 11-27-07
A
B
C
D
E
F
G
NOAA Base Chart # 13237
Soundings in Feet
0
1.5
3
6 Miles

- Current activity: trying to find where the tide flow might be strong enough to justify placing TISECs





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