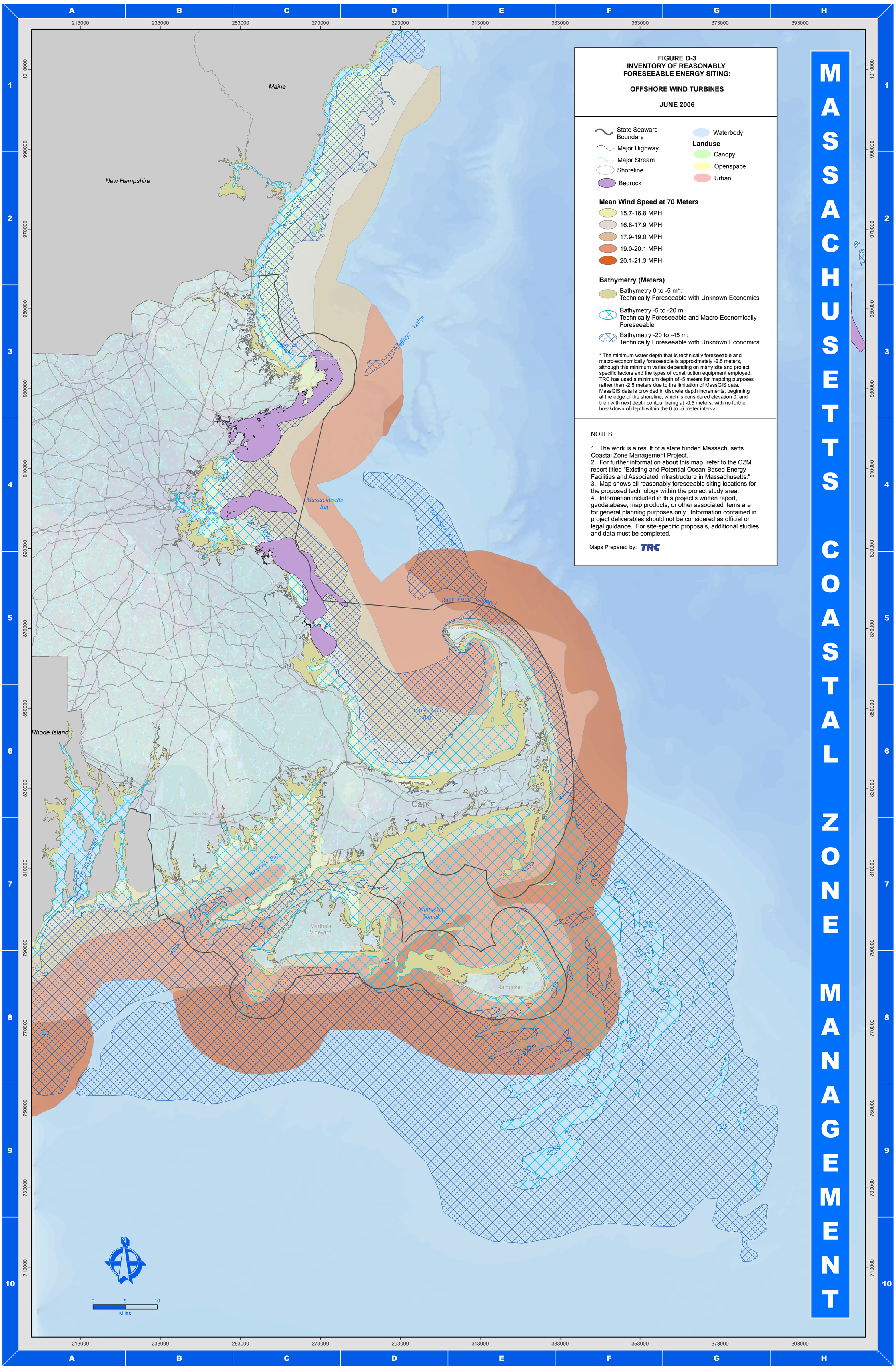
FIGURE D-3
INVENTORY OF REASONABLY
FORESEEABLE ENERGY SITING:
OFFSHORE WIND TURBINES
JUNE 2006
State Seaward Boundary
Major Highway
Major Stream
Shoreline
Bedrock
Waterbody
Landuse
Canopy
Openspace
Urban
Mean Wind Speed at 70 Meters
15.7-16.8 MPH
16.8-17.9 MPH
17.9-19.0 MPH
19.0-20.1 MPH
20.1-21.3 MPH
Bathymetry (Meters)
Bathymetry 0 to -5 m*:
Technically Foreseeable with Unknown Economics
Bathymetry -5 to -20 m:
Technically Foreseeable and Macro-Economically Foreseeable
Bathymetry -20 to -45 m:
Technically Foreseeable with Unknown Economics
* The minimum water depth that is technically foreseeable and macro-economically foreseeable is approximately -2.5 meters, although this minimum varies depending on many site and project specific factors and the types of construction equipment employed. TRC has used a minimum depth of -5 meters for mapping purposes rather than -2.5 meters due to the limitation of MassGIS data. MassGIS data is provided in discrete depth increments, beginning at the edge of the shoreline, which is considered elevation 0, and then with next depth contour being at -0.5 meters, with no further breakdown of depth within the 0 to -5 meter interval.
NOTES:
1. The work is a result of a state funded Massachusetts Coastal Zone Management Project.
2. For further information about this map, refer to the CZM report titled "Existing and Potential Ocean-Based Energy Facilities and Associated Infrastructure in Massachusetts."
3. Map shows all reasonably foreseeable siting locations for the proposed technology within the project study area.
4. Information included in this project's written report, geodatabase, map products, or other associated items are for general planning purposes only. Information contained in project deliverables should not be considered as official or legal guidance. For site-specific proposals, additional studies and data must be completed.
Maps Prepared by: TRC
MASSACHUSETTS COASTAL ZONE MANAGEMENT
Maine
New Hampshire
Rhode Island
Massachusetts Bay
Jeffreys Ledge
Stellwagen Bank
Race Point Channel
Cape Cod Bay
Buzzards Bay
Nantucket Sound
Cape Cod
Boston
Gloucester
Salem
Scituate
Provincetown
Plymouth
New Bedford
Falmouth
Martha's Vineyard
Nantucket
N
0 5 10
Miles