




# HULL HARBORMASTER DEPARTMENT

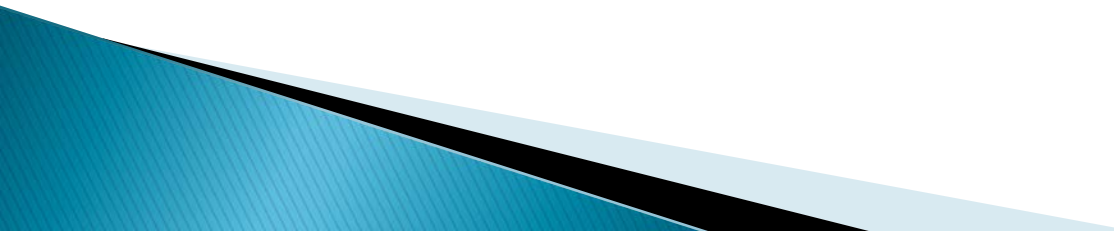
KURT BORNHEIM  
HULL HARBORMASTER  
February 16, 2022

# MISSION STATEMENT

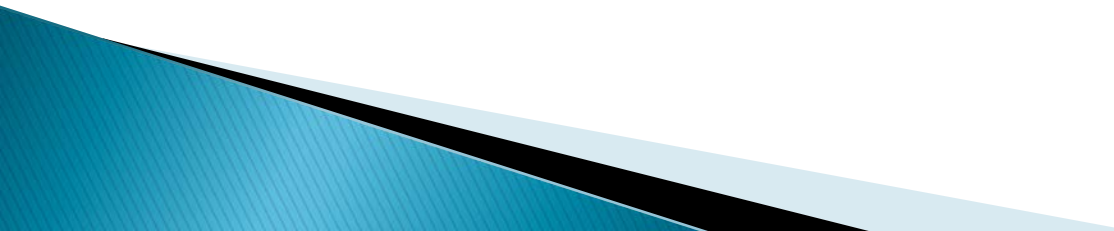
The Hull Harbormaster Department directs, coordinates and is responsible for all navigation on the waterways of the Town of Hull and other areas as required or deemed necessary. The department ensures that all waterways and town owned waterfront facilities are used in a safe, environmentally friendly and lawful manner. It is the lead agency of the town for maritime enforcement and public safety on the waterways of the Town of Hull and provides navigational assistance to the users of Hull waterways and harbors. This is accomplished through applicable authority and public education.



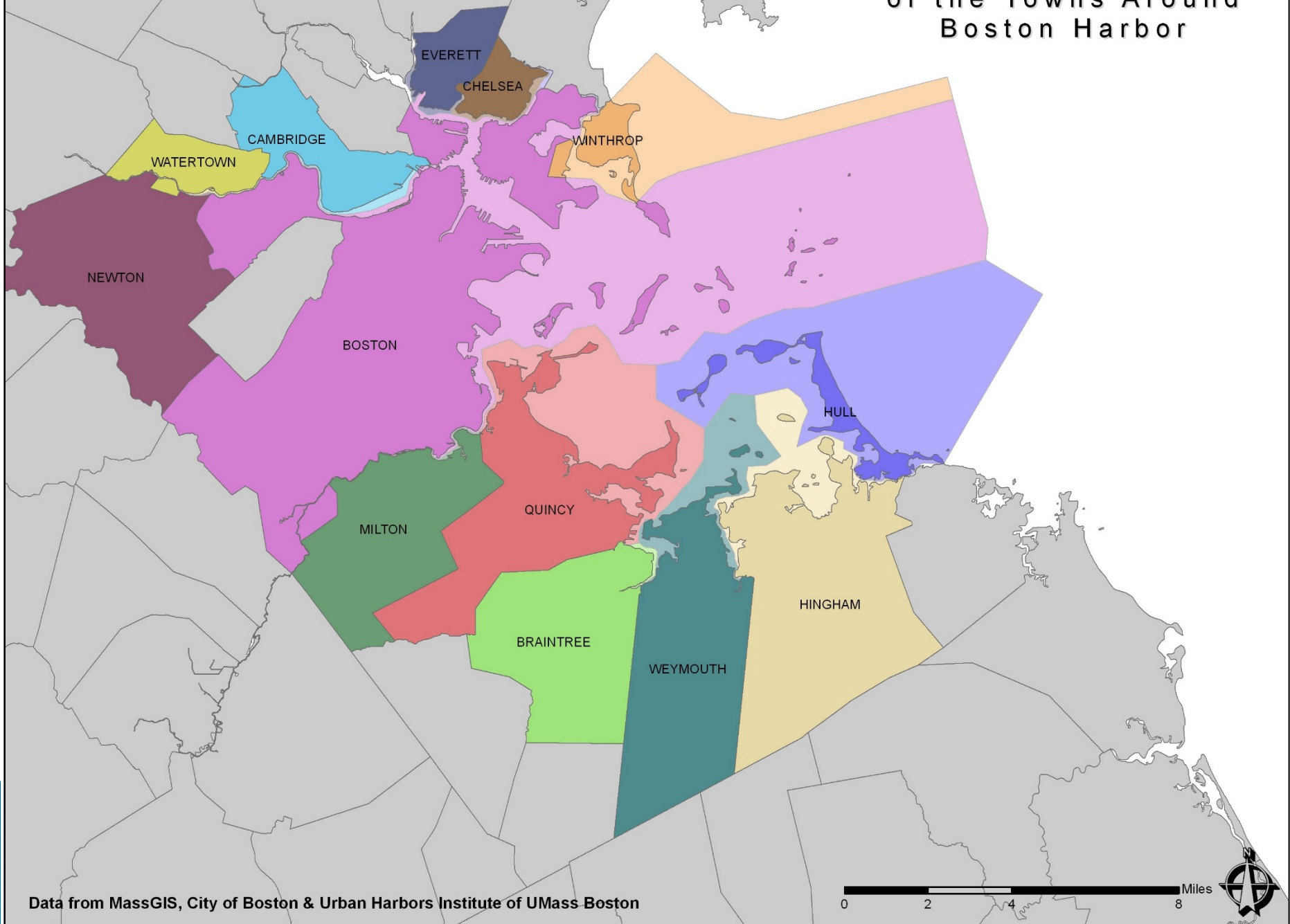
# DEPARTMENT STAFF

- ▶ Harbormaster/Shellfish Constable: Kurt Bornheim, Full-time
  - ▶ Assistant Harbormaster: Paul Cummings, Part-time
  - ▶ Assistant Harbormaster: William Aucoin, Seasonal
  - ▶ \*Seasonal Assistant Harbormasters work six months, May through October, up to 18 hours per week.
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# AREA OF RESPONSIBILITY

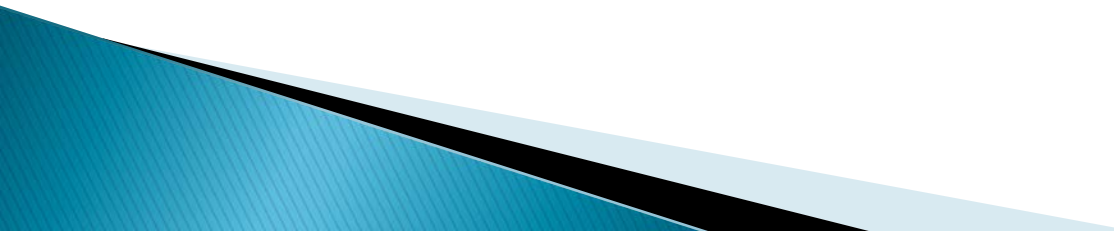
- ▶ 27 miles of coastline
  - ▶ 13,300 acres of water
  - ▶ 2 Harbor Islands
  - ▶ 2 Commercial Shipping Channels
  - ▶ Straits Pond
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# Municipal Jurisdiction of the Towns Around Boston Harbor



# DEPARTMENT STATISTICS

## Mooring and Slip Permits

- ▶ 870 Vessels: 570 moorings, 300 at slips
  - ▶ 65% Non residents
  - ▶ 35% Residents
  - ▶ Mooring fee \$8.00 per foot for residents and non residents
  - ▶ 7 Designated mooring fields
  - ▶ 2 Private marina's
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# 2021 BOATING SEASON

## CALL LOG ACTIVITY

- ▶ Department hours of operation: April 1<sup>st</sup> to December 25<sup>th</sup>

- \* 24 Hours a day on call
- \* 7 Days per week
- \* Average patrol shifts 10am to 6pm
- \* Water and land side patrols

Department hours of operation: Jan 1<sup>st</sup> to March 31<sup>st</sup>

- \* 24 Hours a day on call
- \* 5 Days per week 8am to 4pm
- \* Land side patrols

From January 1<sup>st</sup> to December 31<sup>th</sup> 2021 the department received and responded to 127 calls for assistance



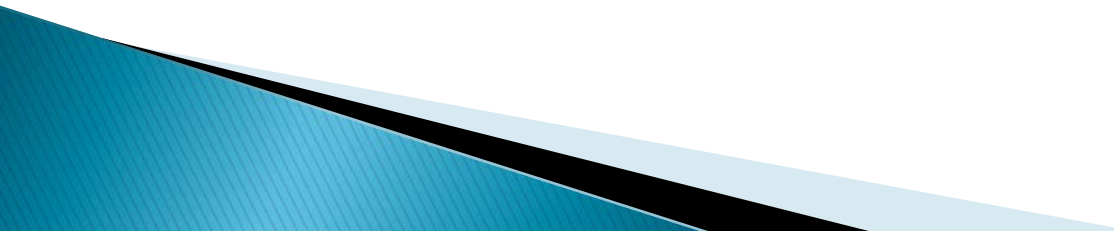
# 2021 BOATING SEASON

## CALL LOG ACTIVITY CONT'D

- ▶ Suspicious object-4
- ▶ Sunken vessel- 8
- ▶ Boat fire-0
- ▶ Boat overheat-4
- ▶ Vessel disabled-9
- ▶ Vessel too close to shore-10
- ▶ Vessel adrift-5
- ▶ Vessel taking on water- 7
- ▶ Unconfirmed shark sighting-6
- ▶ Mutual aid-7
- ▶ Disturbance at town piers-2
- ▶ Illegal clam digging-4
- ▶ Seal on beach-1
- ▶ Tanker escorts-10
- ▶ Water line exposed Hull to Georges Island-0
- Kayak in distress-11
- Stolen boat's-1
- Possible boat fire-1
- Vessel aground- 8
- Missing swimmer-2
- Suspicious Activity-5
- Ferry Terminal -2
- Flare Sighting -4
- Medical-3
- Swimmer in distress-3
- Missing child front beach-2
- Missing paddle boarder-2
- Paddle boarder distress-4
- Stranded person on Harbor Islands-2
- Vessel collision -2



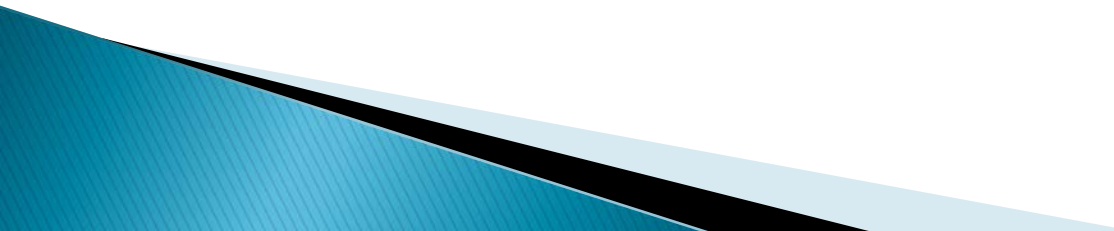
# ADMINISTRATION

- ▶ Update and develop harbor related policies and procedures
  - ▶ Administer all appropriate documentation related to harbor management:
    - Warrants
    - Grants
    - Reports
    - Budgets
  - ▶ Work closely with local, state and federal departments and agencies
  - ▶ Coordinate commercial shellfish activities
  - ▶ Establish boater education outreach programs
  - ▶ Issue mooring permits, warnings and citations
  - ▶ Assist Board of Assessors and Tax Collector in recording boats and collecting excise taxes
  - ▶ Manages mooring fields
  - ▶ Coordinate and contract for the maintenance of harbor facilities
  - ▶ Develop five year capital needs program
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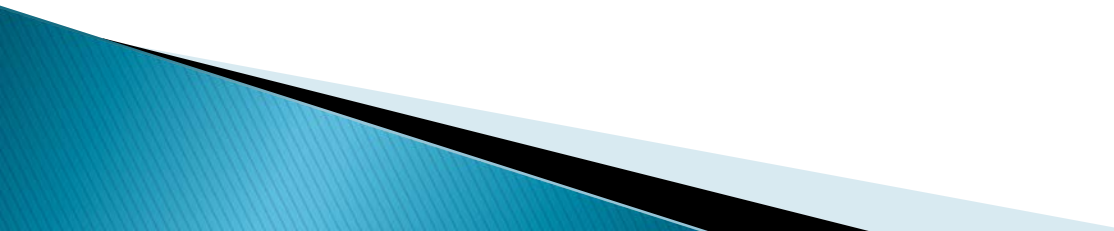
# MAJOR FUNCTIONS

- ▶ **Aids to Navigation** : The department installs and maintains all town -owned Aids to Navigation including shark receiver buoys and ensures that they are properly licensed by the U.S Coast Guard
- ▶ **Municipal Piers**: Operates and maintains 5 municipal piers 13 floats and associated gangways, a commuter float and 2 waiting stations.
- ▶ **Assisting Mariners** : Responds to mariners in need of assistance and provides assistance to other Town Departments and the U.S Coast Guard in responding to vessels and people in distress, search and rescue/recovery and other marine related incidents.
- ▶ **Pollution Prevention and Response**: Responds to all pollution incidents on the water of Hull , maintains and operates marine pump out vessel and pump out station.
- ▶ **Enforcement: Enforces** :provision of Hull's waterways bylaws and Massachusetts General Laws (MGL) pertaining to harbors, dock, piers, wharfs and waterways, specifically Chapters 90B,91,102,266,130 and other state Code of Massachusetts Regulations(CMRs)
- ▶ **Mooring Permitting and Oversight**: Issues and reviews mooring permits each year and enforces mooring regulations.
- ▶ **Town Landing**: Assists with the operation of and the maintenance of all town landing and waterfront dependant town owned property.

# TOWN WATERFRONT INFRASTRUCTURE

- ▶ 5 Town piers
  - ▶ 12 Town Floats
  - ▶ 5 Associated gangways
  - ▶ 1 Commuter ferry terminal
  - ▶ 2 Waiting stations
  - ▶ 3 Boat ramps
  - ▶ 3 Granite block retaining walls
  - ▶ 18 Private aids to navigation (channel markers, no wake markers & safety markers and shark receiver buoy's)
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# PUMP-OUT BOAT OPERATION

- ▶ Memorial Day to Columbus Day
  - ▶ 2 days per week, weather permitting
  - ▶ 8 hours per day, weather permitting
  - ▶ 443 vessels were pumped out and approximately 5695 gallons of waste water/gray water was removed in the 2021 boating season
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# SHELLFISHING

- ▶ Hull is open to commercial shellfishing 12 months a year .Our shellfish resource is restricted under state regulations and only commercial shellfishing is permitted. Recreational shellfishing is not permitted in the Town of Hull
- ▶ The Harbormaster is the “Shellfish Constable” part of his duties involve monitoring, inspecting and enforcing the Shellfish Regulations. This is important to ensure that the clams sold on the market are safe and to not contain contaminated shellfish
- ▶ After harvesting, the shellfish are transported by the Master Digger to the state purification facility. After purification ,the clams are sold to the market
- ▶ Contaminated shellfish can cause stomach aches to serious food poisoning depending on several factors. This is a public health safety concern and is taken very seriously by the Harbormaster.

# Grants

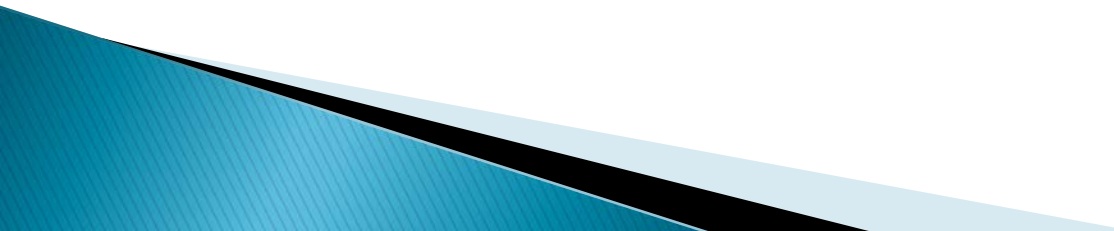
- **MA Division of Marine Fisheries**
  - \*2016–2021 Pump–out vessel operation  
\$45,000 , 25% match
  - \*2018 Pump–out vessel engine replacement  
\$10,500, 25% match
  - \*2021 Pump –out station for Allerton Harbor  
\$16,000, 25% match
- **Department of Homeland Security**
  - \*2020 Patrol boat engine replacement  
\$25,000 , 25% match
- **Seaport Economic Council Grant**
  - \*2021 Nantasket Pier Dredging–engineering,  
permitting, chemical analysis \$280,000, 25%  
match

# Grants & Funding Cont'd

- FY 22 ARPA Spending Bill local earmarks
- A Street Pier Ramp Rebuilding \$150,000

# EQUIPMENT

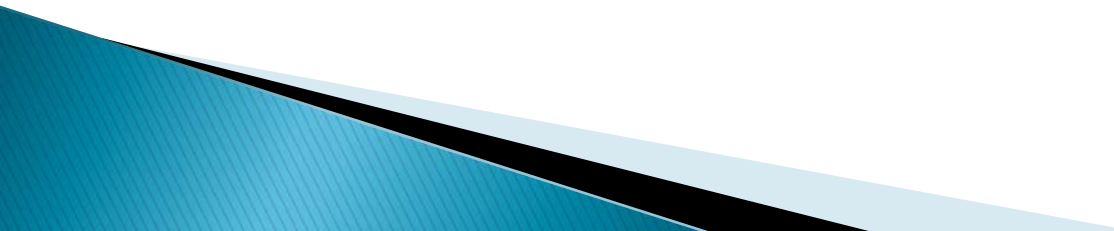
- ▶ The Harbormaster Department operates and maintains

- \*27 ft Safeboat Patrol vessel
  - \*25 ft Parker Patrol vessel
  - \*23 ft Pump-out vessel
  - \*Dodge 2500 pickup truck
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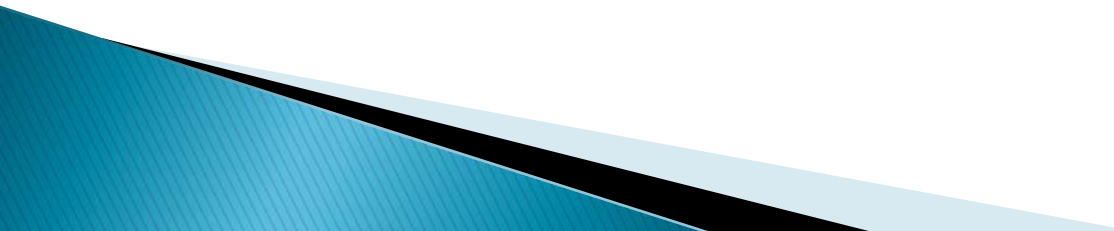
# DEPARTMENT HIGH-LIGHTS

- ▶ New patrol vessel engines through FEMA Port Security Grant.
  - ▶ New pump-out vessel engine through DMF grant.
  - ▶ New pump-out land station through DMF grant.
  - ▶ Safe Boating Education Course offered for past 21 years
  - ▶ Mooringinfo online mooring payment system
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# FUTURE CONCERNS

- ▶ Condition of all town piers, ramps and waterfront infrastructure
  - ▶ Replacement of the Commuter Float at Pemberton Pier
  - ▶ Dredging needs and limited funding
  - ▶ Increased need for staffing
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**THANK YOU**

