

Joint Base Cape Cod Commanders' Briefing

Town of Bourne
11 October 2022



UNITED STATES
SPACE FORCE



Joint Base Cape Cod

Military Organizations and Commanders



Massachusetts National Guard – JBCC Executive Director
Brig Gen (ret) Christopher Faux



Army National Guard – Camp Edwards
COL Matthew Porter



Air National Guard – 102^d Intelligence Wing
Col Sean Riley



Space Force – 6th Space Warning Squadron
Lt Col Stewart Smith



Coast Guard

- Base Cape Cod: CAPT Sean Hannigan
- Air Station Cape Cod: CAPT Rob Potter



102d Intelligence Wing



Mission: To organize, administer, recruit, instruct & train ready personnel/equipment to meet federal or domestic tasking requirements for employed-in-place missions, expeditionary combat support or in response to state request for forces

Vision: To be recognized as the Air National Guard's premier Intelligence Wing, universally renowned and respected for performance and reputation.

102 ISRG



Reach-back
Exploitation &
Analysis



202 ISRG



Cyberspace Signals
Development



102 MDG



General Med Support
Field Medical For HRF

102 MSG



Civil Engineers
Communication
Personnel
Security
Logistics

253 CEIG



Cyber Engineering
and Installation



Wing Priorities

1

Transform into a sustainable "walking campus"

3

Establish the 102d IW as a Unit of Choice

2

Embrace an "Accelerate Change, or Lose" Mindset

4

Train & exercise for our home and away game

Nation's First



Resources, People & Mission



1

Resources

Facilities

- DFAC & Med Gp
- Rehab Existing Facilities



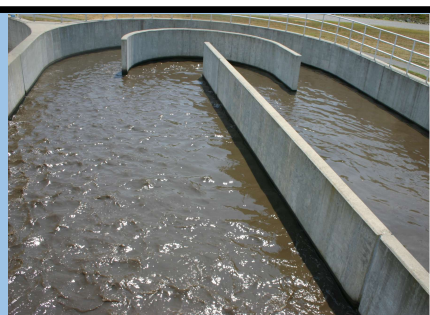
Land Divestment

- ANG Acreage: 3,618
- Goal: 650 Acres
- Connery Ave & Airfield
- Hangar 158 (NDAA)



Utilities

- Water and Wastewater
- Electric Grid
- Microgrid



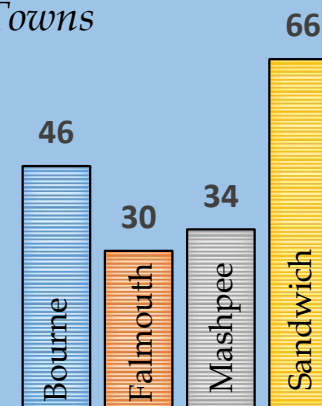
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People & Mission

By the Numbers:

1,260 Airmen in 5 Groups

- 420 Fulltime; 840 drill status guardsmen
 - 227 Cape Codders
 - 176 Surrounding Towns



Home & Away

- Employed-in-place ISR
- Base Operating Support
- Boston Marathon and Hospital Support
- Expeditionary Combat Support



Cape Cod Space Force Station

Home of the 6th Space Warning Squadron



North America's sole East Coast early warning radar

- Three missions: Missile Warning, Missile Defense, and Space Domain Awareness
- Track ~20 launches & provide 10M satellite observations per year
- 135 Military, Civilian, and Contractor members
- Bi-National (US & Canada) Active-Duty Squadron
- Part of Space Delta 4 located at Buckley AFB in CO
- Supported by Buckley Garrison and 66 Air Base Gp
- 24/7/365 critical national security mission since 1980



“
OUR CALL NOW GOES
BEYOND BEING MERELY
CYBER, INTEL AND SPACE
OPERATORS; WE ARE NOW
CALLED UPON TO BE
SPACE WARFIGHTERS



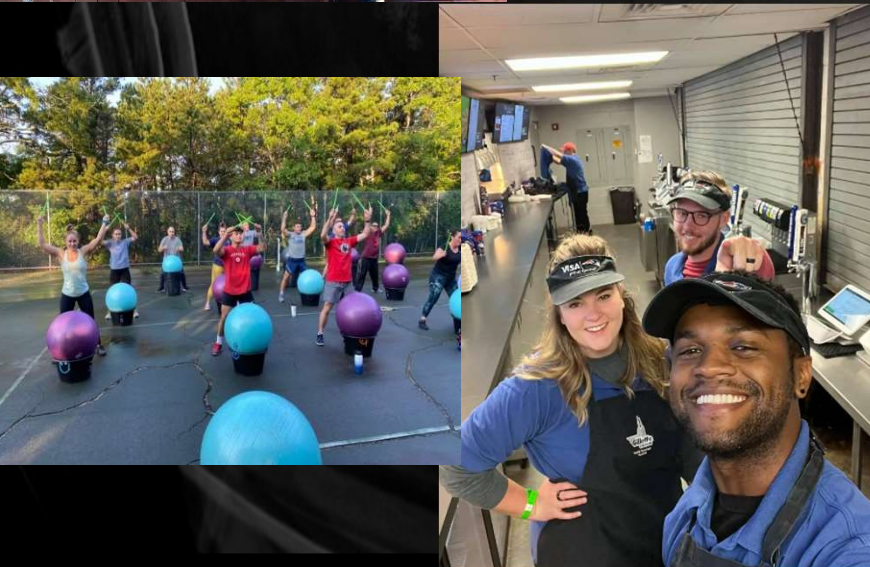


Cape Cod Space Force Station

Home of the 6th Space Warning Squadron



- **Maintain \$4.1M operating budget**
- **Partnerships and Community Support**
 - Reliant on JBCC facilities, housing, clinic, etc.
 - Support agreements with fire & law enforcement
 - Support to/from local clubs, businesses, schools, & charitable organizations
- **Significant Milestones and Projects**
 - Wind turbines offset electricity requirement
 - \$125M radar system upgrade





Homeland
Security



U.S. Coast Guard



Coast Guard Base Cape Cod and Coast Guard Air Station Cape Cod





Homeland
Security



U.S. Coast Guard



Air Station Cape Cod



- 176 active duty & civilian personnel
- 3 MH-60T, 3 HC-144A & 3 mission system pallets
- Only USCG aviation resource provider between New Jersey and Canadian Border
- Fixed-wing SAR/LE support to Great Lakes Region
- Auxiliary Air fleet of 40+ aircraft & 200+ members (largest in the CG)



Homeland
Security



U.S. Coast Guard



Air Station Cape Cod Major Events

- **Search and Rescue/MEDEVAC**
 - F/V ATLANTIC DESTINY: Joint U.S. & CAN, 31 saved
 - Hurricane Ida Response : 8 saved lives
 - Haiti Earthquake Response
 - Pre-Storm Warning and Post-Storm Assessment Flights in response to storms, including Hurricane Henri (Aug '21)
- **Counter Drug and Migrant Interdiction Deployments to Caribbean**
 - \$18M narcotics seized
 - 24 Migrants interdicted and assisted
 - Nantucket seizure of 874 Fentanyl pills, 690 Methamphetamine Pills, hundreds of other illegal pills, and \$31,505 in cash (March '22).
- **Living Marine Resource Preservation Flights**
 - \$14B New England fishery





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U.S. Coast Guard



Air Station Cape Cod

Operations

- **RECENT AWARDS**
 - 2022 Vertical Flight Society **CAPT William J. Kossler Award** (CGNR 6032 and CGNR 6039)
 - 2022 Helicopter Association **Pilot of the Year Award** (LCDR James Christy)
 - 2022 Helicopter Association International **Safety Award** (Safety Department)
 - 2022 Helicopter Association International Matthew S. Zuccaro **Land and LIVE Award** (AET2 Champagne)
 - 2021 Helicopter Association **Pilot of the Year Award** (LCDR Rob McCabe)
 - 2020 Coast Guard Aviation Association Commander Elmer Stone **Fixed Wing Rescue Award** (CGNR 2313)
 - 2020 NHA **Aircrew & Maintainer of the Year Awards**





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U.S. Coast Guard



Base Cape Cod

Background

- Regional Support Base Established 2014
- BCC Tenant Commands
 - Air Station Cape Cod
 - Maritime Safety and Security Team
 - Port Security Unit 301
 - NE Regional Fisheries Training Center
 - FORCECOM Armory/Range
 - Marine Safety Detachment Cape Cod
- Regionally Supported Commands
 - Sector Southeastern New England
 - 8 Stations, 4 Patrol Boats, and others





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U.S. Coast Guard



Base Cape Cod

Services

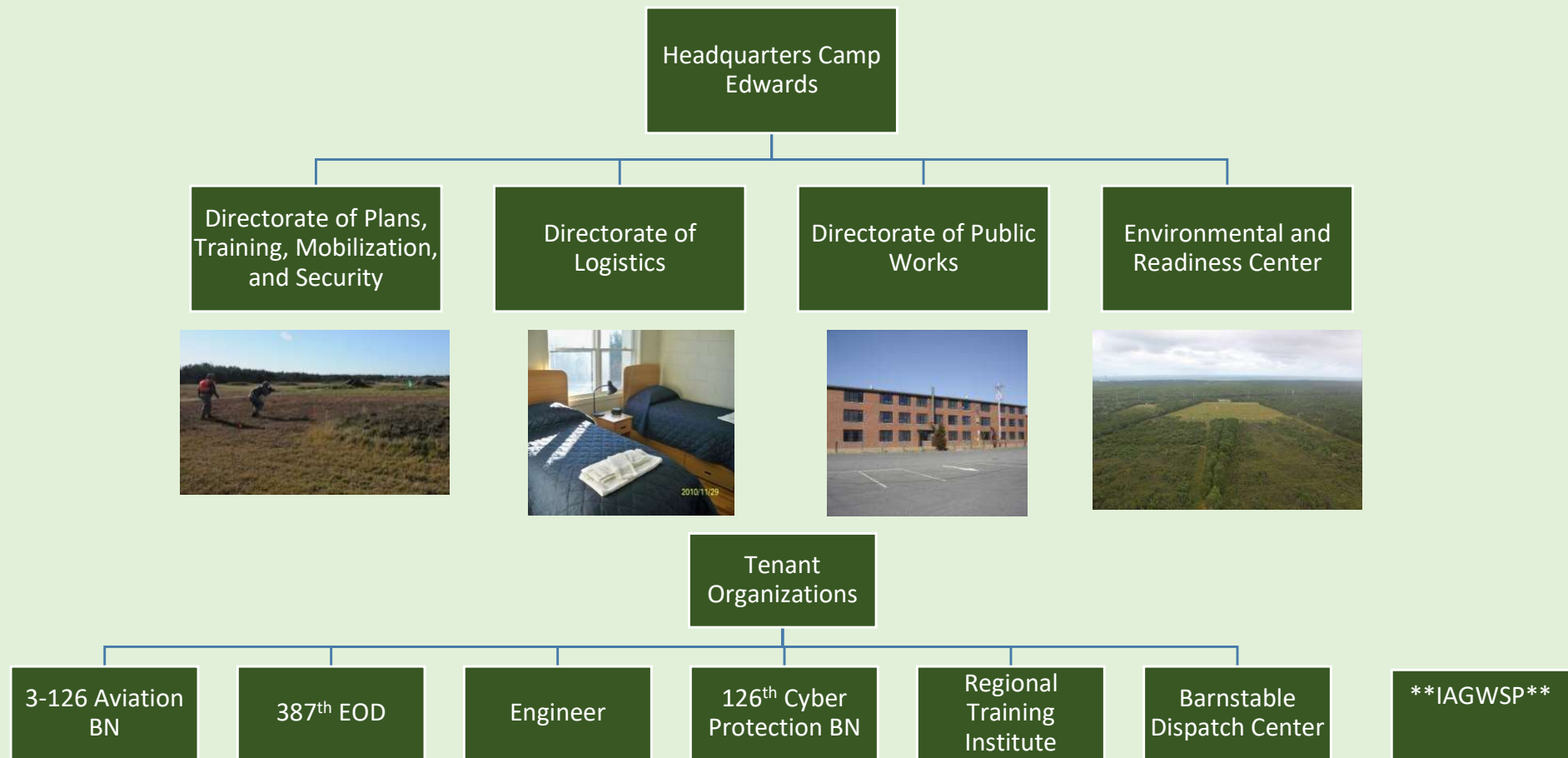
- Comptroller/Base Operations
- Facilities Engineering
- Procurement and Contracting
- Health, Safety & Work-Life
- Electronics Support
- Personnel Services:
 - Housing (On-base and Off)
 - Morale, Wellness, & Recreation
 - Servicing Personnel Office
 - Admin

Oral-B iO Series 7 Electric Toothbrush



Camp Edwards Training Site

Camp Edwards-Garrison Training Site commands, operates, manages, and administers the use of garrison resources to provide year-round customer service through administrative, engineering, logistical, training and operational support to assigned, attached, transient, or tenant units and joint forces activities.



150 full-time personnel support the training mission of over 6,000 drill status guardsmen.



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UNCLASSIFIED



Soldier Training

2021: supported 186 Range Days

(Sierra, Echo, India, Lima):

- 7,716 man days - military personnel
- 214 man days - civilian personnel (Law Enforcement)

Training Area Use:

- 66,374 man days - military use
- 502 man days - civilian use

Training Support Areas Use:

- 94,055 man days - military use
- 5,305 man days - civilian use

Operation Viking (July 2022):

- Only joint task force exercise in the continental US.
- Civil Affairs Battalion high-intensity exercise.
- Range training, mission-essential training.
- Very ambitious airborne operations.
- 2nd year; will return for 3rd year in July 2023.

2021: State of the Reservation Report:

www.massnationalguard.org/ERC/publications.htm

TRAINING ACTIVITIES ON BASE

- Indoor simulated weapons training
- Rappel Towers
- Obstacle Course
- Leadership Reaction Course
- Call for Fire Trainer
- Virtual Convoy Operations Trainer
- Battle Simulation Center
- Tactical Training Base (TTB) Kelley
- Military Operations in Urban Terrain Training Site
- Reg. Training Institute: Officer Candidate School
- IED Simulators
- Emergency Driver Training
- Air Assault and Pathfinder courses

Northern Training Area (15,000):

- maneuvering and patrol training areas
- small arms ranges
- helicopter landing zones
- nuclear, biological, chemical training bunkers
- extensive road network-convoy & driver training

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Natural Resource Management

Wide variety of plant and wildlife surveys:
box turtles, birds, moths, and rare plants.

Surveys show strong wildlife and habitat integrity,
including species of greatest conservation need,
i.e. whip-poor-wills and rare bees.

Training Year 2021 State of the Reservation Report

- Comprehensive detail -survey results & trends analysis.
- www.massnationalguard.org/ERC/publications.htm

Community Engagement:
Grassland Bird Tours; Training Area Public Tours;
collaboration-i.e. MA Butterfly Club.



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Wildland Fire Management



Unique landscape within Camp Edwards is ***disturbance dependent***.

Prescribed burns:

- *promote native pine barrens habitat*
- *reduce wildland fuels*
- *provide wildland fire training opportunities for firefighters*



2021: 115 acres (low-pandemic/weather).

2022: 363 acres, to-date.

2022: Target 625 acres; 25 burn days.

Mechanical restoration (forestry):

2021: 205 acres

2022: about 90 acres.

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Camp Edwards Initiatives

Range Modernization

- Current Projects:
 - Decommissioned two 25-Meter Ranges
 - Restored one 25-Meter Range
 - Multi-Purpose Machine Gun Range (MPMG) pending EMC review
- Future Projects
 - Infantry Squad Battle Course restoration
 - Automatic Record Fire (ARF) extension

Cantonment Modernization

- New Armory (2025)
- Physical Fitness Training Field (TBD)
- Phase II Unit Training Equipment Site (2022)
- Demolition of WWII structures (Ongoing)



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MPMG Range Update

Regulatory Milestones:

- MA Endangered Species Act, Conservation & Management Permit: SEP 2020
- MA Environmental Policy Act, Certificate: JUL 2020
- National Environmental Policy Act, Finding Of No Significant Impact: APR 2021

- Detailed information on Permit, Certificate, and FONSI, available online:

<https://www.massnationalguard.org/ERC/publications.htm>

Currently:

- EPA completing Sole Source Aquifer review
- EPA will hold a 30-day comment period and public hearing
- Year end 2022 expected completion date
- MA Army National Guard actively working with EPA

Environmental Management Commission:

29 Sep 2022: Science Advisory Council, 6:00pm at JBCC

13 Oct 2022: **Community Advisory Council 6:00pm at JBCC**

27 Oct 2022: **EMC Meeting, 1:30pm at JBCC**



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Community

Concerns

- Ground Water
- Animal Habitat
- Noise
- Carbon Sequestration
- Smoke
- Traffic
- Safety
- UXO (**U**ne**X**ploded **O**rdnance)



Outreach 2021-22

- 20+ Public Tours
- ***Last 2022 public tour:
Sat. Oct. 15, 0900-1300**
- Grassland Bird Tours, May-Jun

20+ Community Presentations:

Rotary Clubs, Senior Centers, Kiwanis, Chambers, Masonic Lodges, Women's Groups, Newcomers Clubs.

Local TV interviews:

Lower Cape TV; Bourne TV.

Community Collaborations:

Touch-A-Truck; Astronomical Society Stargazing; Cape Cod Leadership Institute



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