

Potomac River Mid-Air Collision



Thomas Chenworth
Deputy Fire Chief



Jeffrey Lenard
Master Public Safety Diver



Homeland Security and Special Events

- National Special Security Events
 - Inauguration
 - State of the Union
 - State Funerals
- Strategic Port
- Major Events
 - July 4th
 - Christmas Parades
 - 20 Fireworks Displays
 - 5 major events at the Wharf



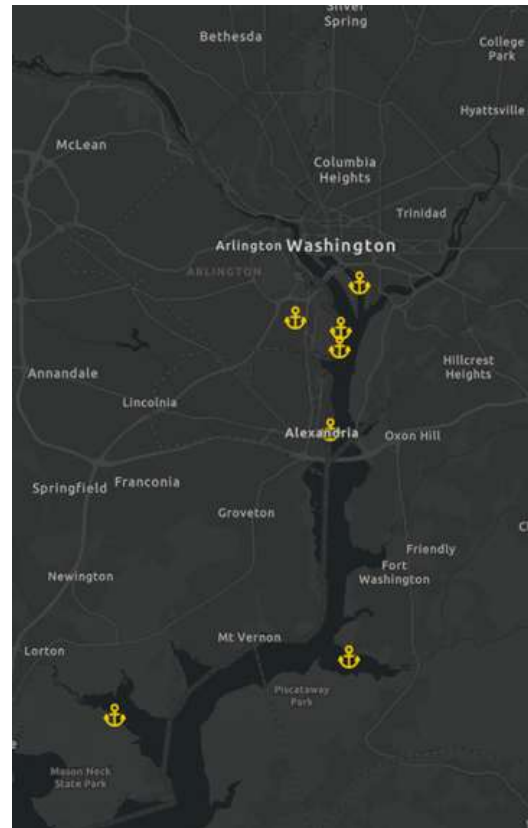
NCR Local Responders

- Washington DC
 - 4 Fireboats
 - 14 Rescue /LEO Boats
 - 3 Jetskis
 - 2 Airboats
 - 8 Swiftwater
- 7 Fire and EMS Agencies
 - 2 Fireboats
 - 6 Rescue Boats
 - 3 Airboats
 - Many Swiftwater
- 7 Police Agencies
 - 10 Rescue Boats
- USCG
 - 3 29' vessels

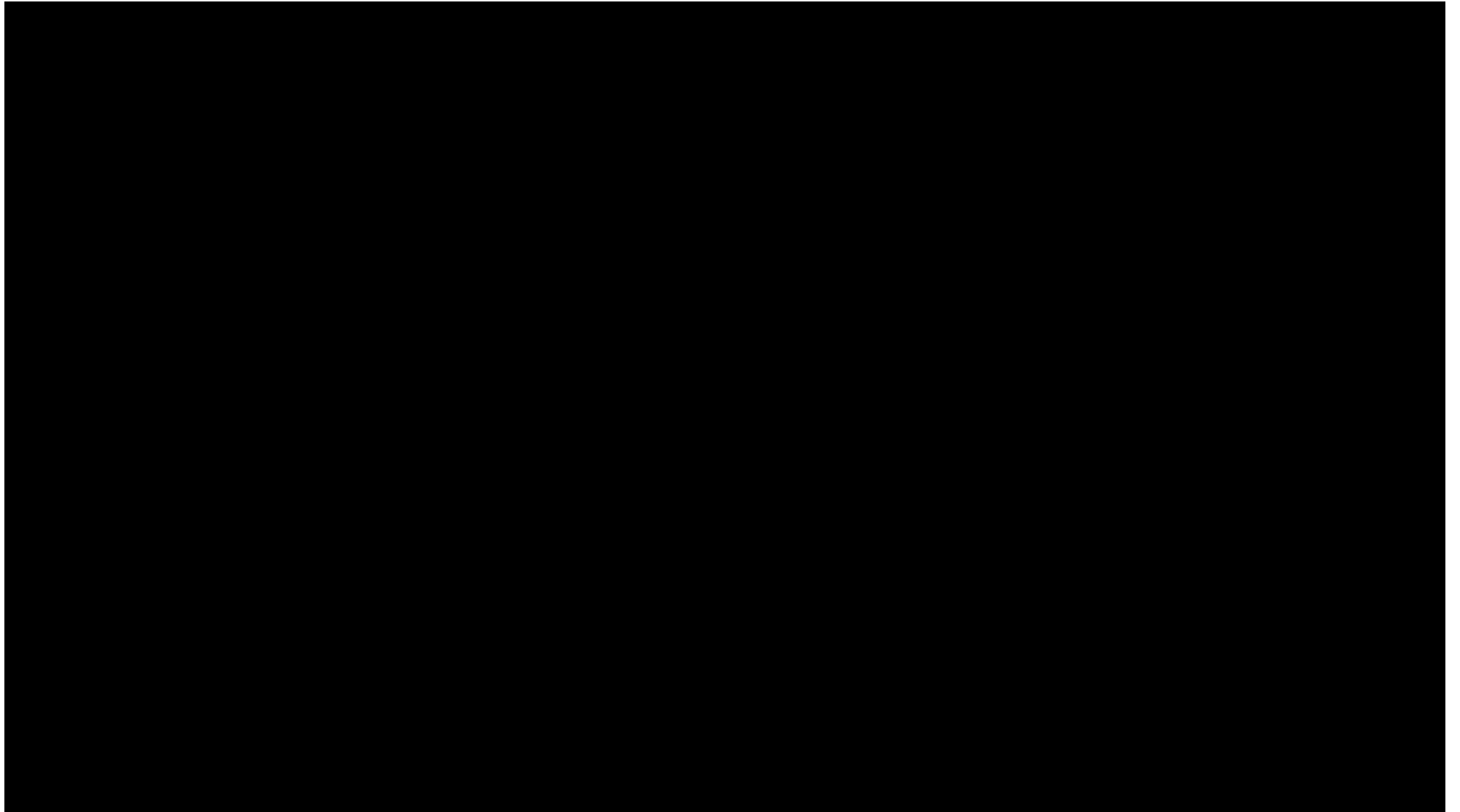


DC Marine Incident Channels

- DC MIC 1 is designed as a hailing, notification, and primary incident operations talkgroup for maritime centric ops in the Nation's Capital.
- MIC 1 is monitored 24/7 by:
 - DC Fireboat
 - DC Fire Operations Center
 - DC MPD Harbor DC
 - USPP Eagle
 - USCG Station Washington
 - USCG Sector NCR (via WAVE)
- Regional Responders



Introduction

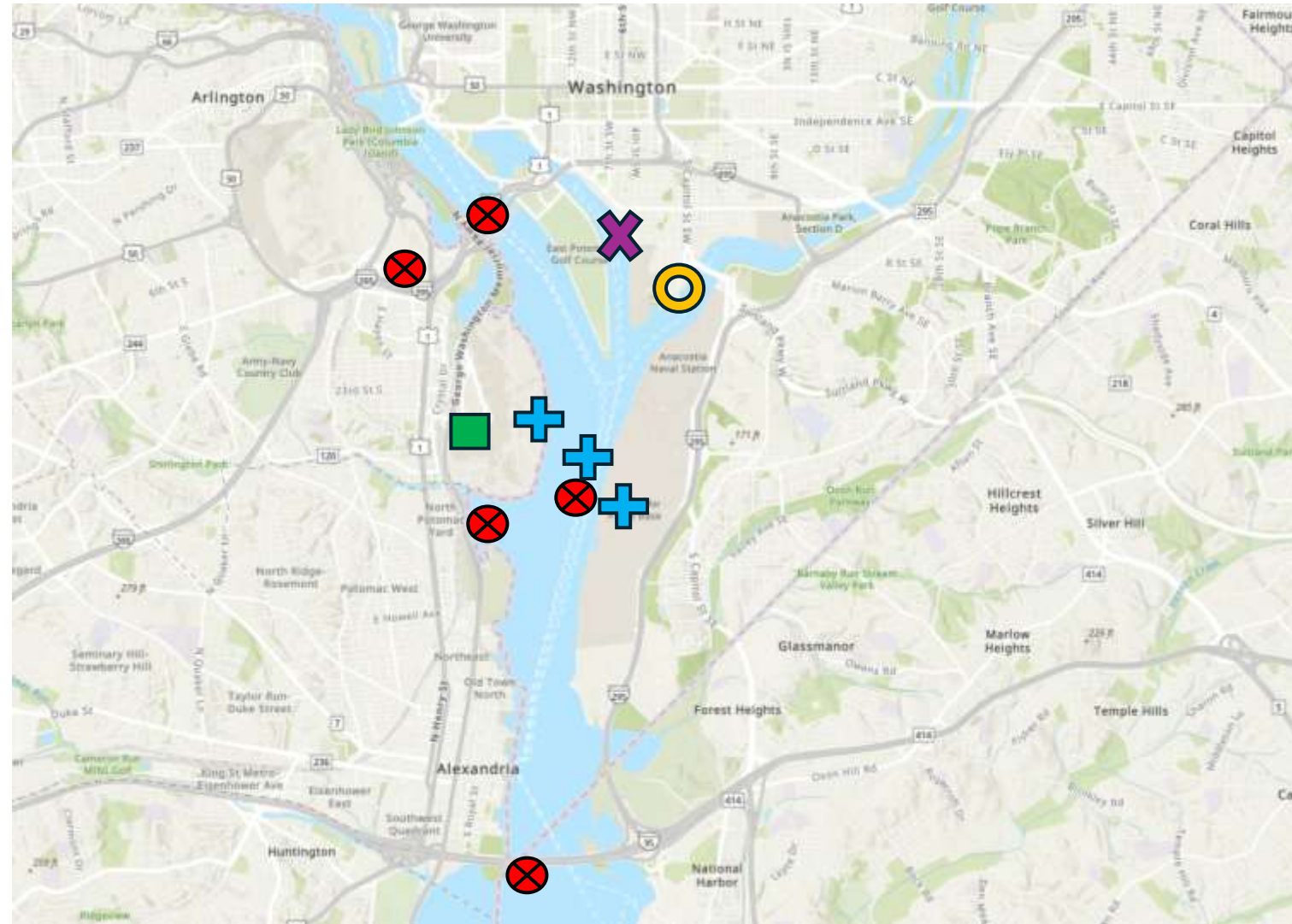


January 29th, 2025



The Location

- Eastern Airlines Flight 537
- Air Florida Flight 90
- September 11th
- Life Evac 2
- American Airlines Flight 5342
- Initial Command Posts
- Casualty Collection
- Unified Command
- Maritime Joint Ops Center



Origins of Regional Coordination

Following the 1982 Air Florida crash, a COG task force, including police, fire, and EMS officials, made a series of recommendations implemented by area governments to strengthen the region's disaster response.



Technology – Incident Dashboard



DC Maritime CAD Events

PARK/COMPL: COMPLAINTS-PARKING
MAYAA

Bus | 1ST ST SW/V ST SW DC | Res 1 ST SW/V ST SW

Units: 1G51D
Talkgroup: 38
Dispatch: 1/13/2025, 9:31 AM

AIRCRAASH: AIRCRAFT-CRASH
DC7300

Bus | 949 | 5539 ARHOLD AVE SW DC

Units: M01 | MDU1 | FLO | FB3 | FR201 | BT376 | FM | BT29105 | MAR2 | R1
Talkgroup: DA3 INC30
Dispatch: 1/13/2025, 8:33 PM

NCR Maritime CAD Events

STASIS: SERVICE NON EMERGENCY-FUELING WELDING STANDBYS, HOT RE- FUELING
MAYAA

@1003 FIRE STATION RD FIRE STATION 301

Units: M3016
Talkgroup: 38
Dispatch: 1/13/2025, 9:36 AM

MUTUAL: EVENT
MAYAA

@201 WATERFRONT ST GAYLORD NATIONAL HOTEL

Units: CRT65H
Talkgroup: TGC1
Dispatch: 1/13/2025, 9:42 AM

SICK: EMERGENCY MEDICAL CALL-GENERAL ILLNESS, SICK PERSON
MAYAA

@2001 SMITH BLVD(DCA) GATE D41

Units:
Talkgroup: 38
Dispatch: 1/13/2025, 9:50 AM

SICK: EMERGENCY MEDICAL CALL-GENERAL ILLNESS, SICK PERSON
MAYAA

@2601 SMITH BLVD(DCA) GATE A6

Units:
Talkgroup: 38
Dispatch: 1/13/2025, 9:59 AM

MS: EMERGENCY MEDICAL CALL-MASS CASUALTY ALARM
MAYAA

@RUNWAY 33 DCA RUNWAY 33 DCA

Units: FR2 C303 SYS398
Talkgroup: 38

02/03/2025 at 10:05

Operations Map / Debris Mapping Results

Vessels

DCFEMS BT29105 | AR
DCFEMS BT5 | AQ
DCFEMS BT6 | AQ
DCFEMS FB2 | AM
DCFEMS FR201 | AR
DCFEMS FB3 | AR
DCFEMS FB4 | AR
MPD 800
MPD 801
MPD 804
MPD 805

Conditions at Pier 5
Last updated at 02/03 - 10:05 AM

Tide Level | 2.9
Water Temp | 36F
Air Temp | 36.1F
Combined Temp | 74
Winds | 5.05 mph from the S
Gusting to | 6.41 mph

02/03 - 0605hrs | -0.5 | L
02/03 - 1128hrs | 2.6 | H
02/03 - 1847hrs | -0.4 | L

RSALF | 3.33 - No Flooding

Broken Clouds at 4000 meters AGL, Broken Clouds at 7600 meters AGL. No significant weather present at this time.

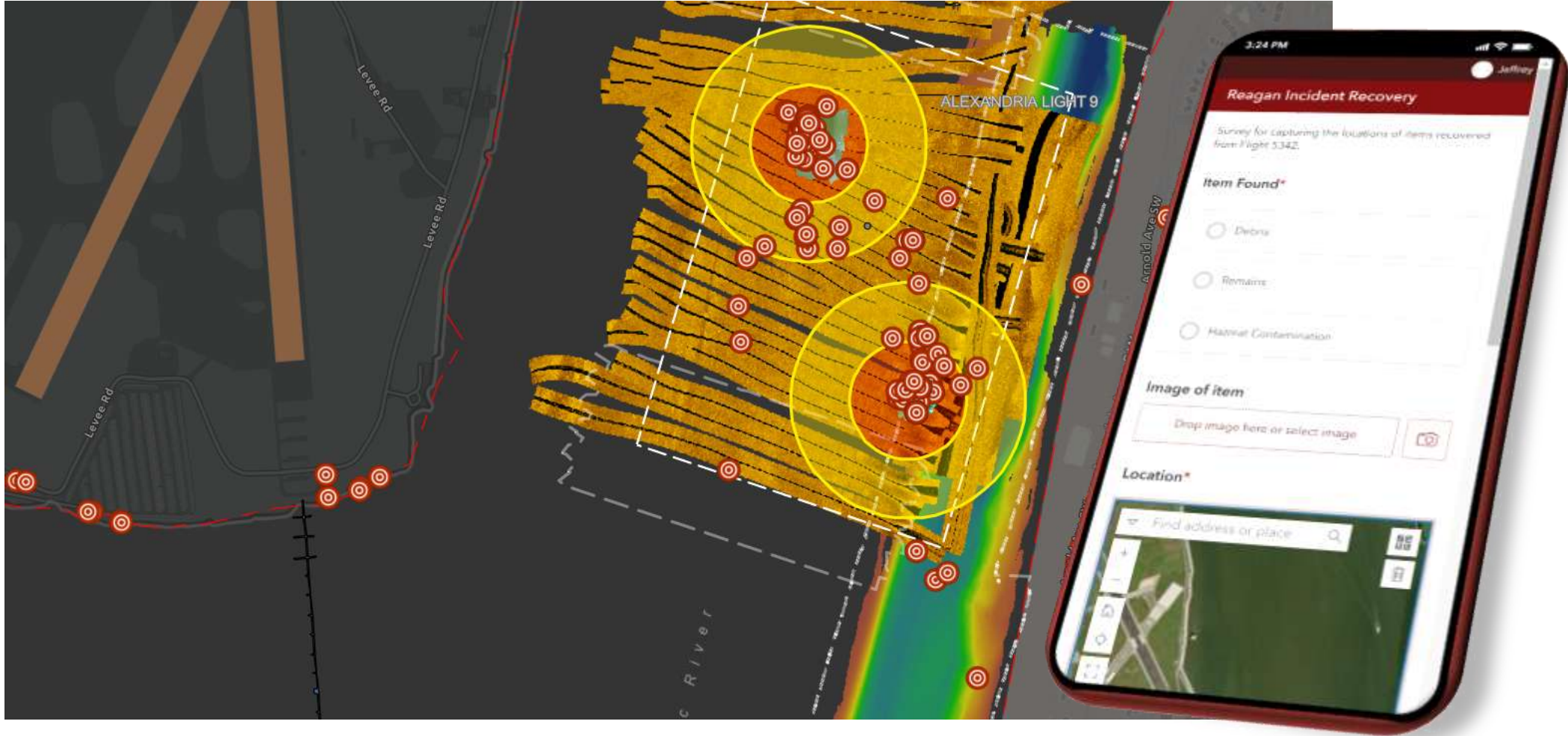
Alerts for visible map area

No watches or warnings within current map extent





Technology – Debris Tracking



Technology – Dashboard Integration



279 Items

10:12 AM

- Debris | Updegraff | Maryland State Police | 2/13/2025, 10:12 AM
- Debris | Updegraff | Maryland State Police | 2/12/2025, 2:27 PM
- Debris | Updegraff | Maryland State Police | 2/12/2025, 2:27 PM
- Debris | Updegraff | Maryland State Police | 2/12/2025, 2:26 PM
- Debris | Updegraff | Maryland State Police | 2/12/2025, 2:25 PM
- Debris | Updegraff | Maryland State Police | 2/12/2025, 1:12 PM
- Debris | P/O Corey Valis | Baltimore City Police Department | 2/12/2025, 1:09 PM
- Debris | Jacqueline Scott | FBI | 2/12/2025, 12:55 PM
- Debris | P/O Corey Valis | Baltimore City Police Department | 2/12/2025, 12:46 PM
- Debris | P/O Corey Valis | Baltimore City Police Department | 2/12/2025, 12:22 PM
- Debris | P/O Corey Valis | Baltimore City Police Department | 2/12/2025, 12:10 PM
- Debris | P/O Corey Valis | Baltimore City Police Department | 2/12/2025, 12:02 PM
- Debris | P/O Corey Valis | Baltimore City Police Department | 2/12/2025, 12:02 PM

04/21/2025 at 15:45

Survey: P/O Corey Valis

Description:	Aircraft parts, headset
Item Found:	Debris
Name of person submitting this form:	P/O Corey Valis

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Events List | **Debris List** | Operations Map | Debris Mapping Results | NOAA Survey Ops | Links

Units List | **Debris Details** | Dive Targets



Sonar Imagery



Attachment Viewer

Locations: 28 / 48

US 0000000665 00001

OBJNAM	
TECSOU	found by multi-beam
HEIGHT	1.250000
VALSOU	30.420000
remarks	low relief, scouring in area indicates it is likely a natural feature been there

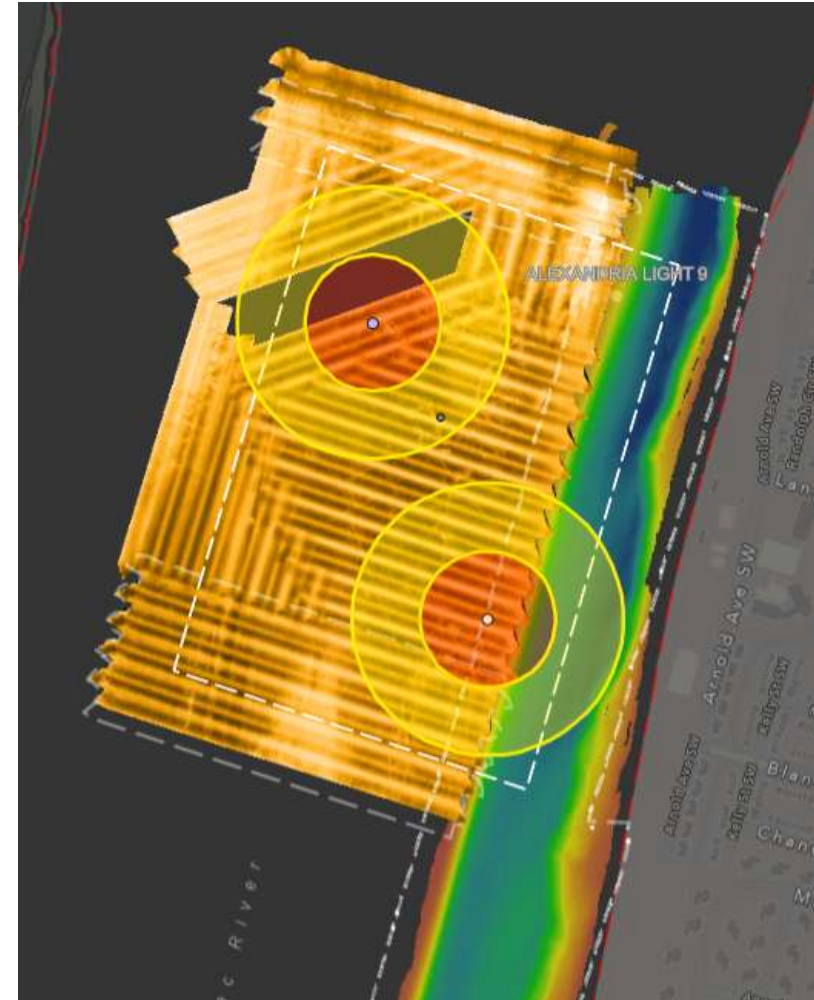
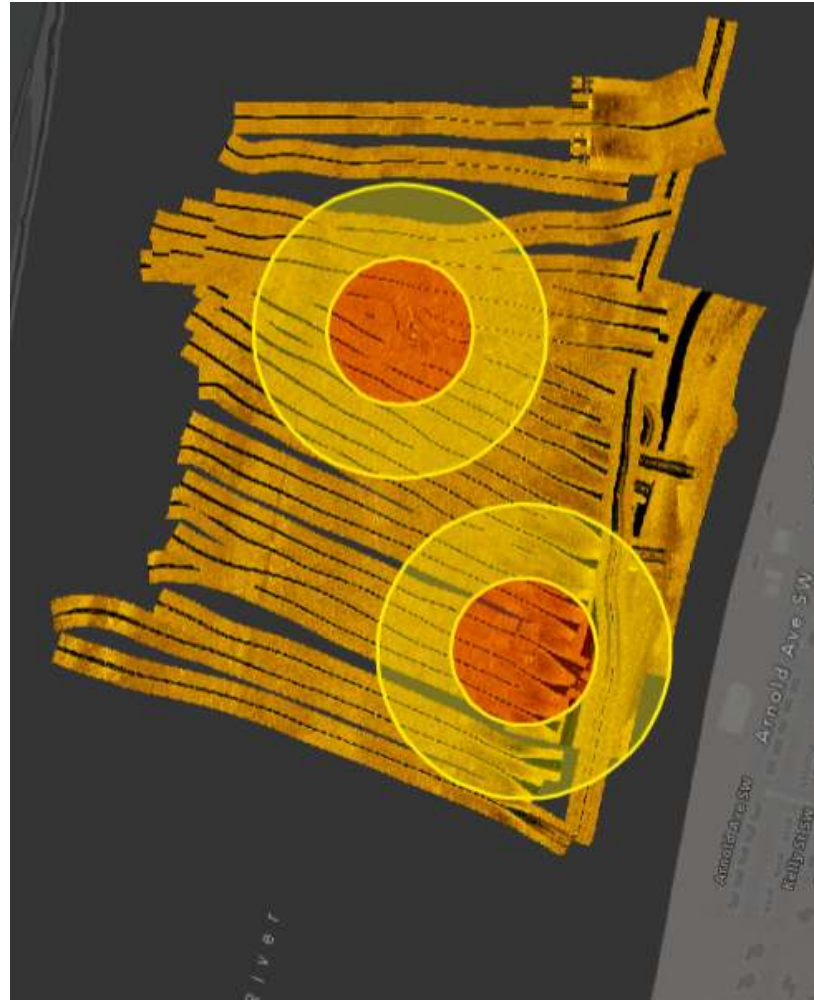
Latitude Longitude Z (ft)
38.841142508N 077.024218523W 30.420

Least Depth: 30.4ft
Height: 1.2ft
Length: 22ft
Width: 25ft

Attachments: 1 / 1



Data Refinement



Dive Operations



DCFD Dive Targets

Zoom to + Pan

What we think it is: Rotor blade
 What is the Object: 15 ft portion of rotor blade.

OBJECTID: 46
 x: -77.02394855742637
 y: 38.84124762013317
 Depth in feet: 0.00
 Team_Assigned: MPD
 Source: NOAA

04/21/2025 at 15:50

Total	Prosecuted	Pending	Revisit
100	100	0	0

Dive Target List

Search...

- #45 | Status: **Prosecuted** |
 X: -77.0276896579024 | Y: 38.83014581786049
 What we think:
 What it is: **Large rectangular object. Possibly concrete.**
 Notes: **Small, hard contact 1.2 meters proud of the seafloor.**
- #46 | Status: **Prosecuted** | **Confirmed**
 X: -77.02394855742637 | Y: 38.84124762013317
 What we think: **Rotor blade**
 What it is: **15 ft portion of rotor blade.**
 Notes: **Sharp, hard contact. 5 meters long. Little relief off of seafloor. ***Need to return tomorrow with sector scan to look for additional pieces***|||Secondary scan conducted. Only additional target located was a railroad tie.**
- #47 | Status: **Prosecuted** |
 X: -77.0280963584692 | Y: 38.831517818415826
 What we think:
 What it is: **Large rectangular object. Possibly concrete.**
 Notes: **Rectangular structure. 4x2 meters. 1.3 meters proud of the seafloor.**
- #48 | Status: **Prosecuted** | **Unfounded**

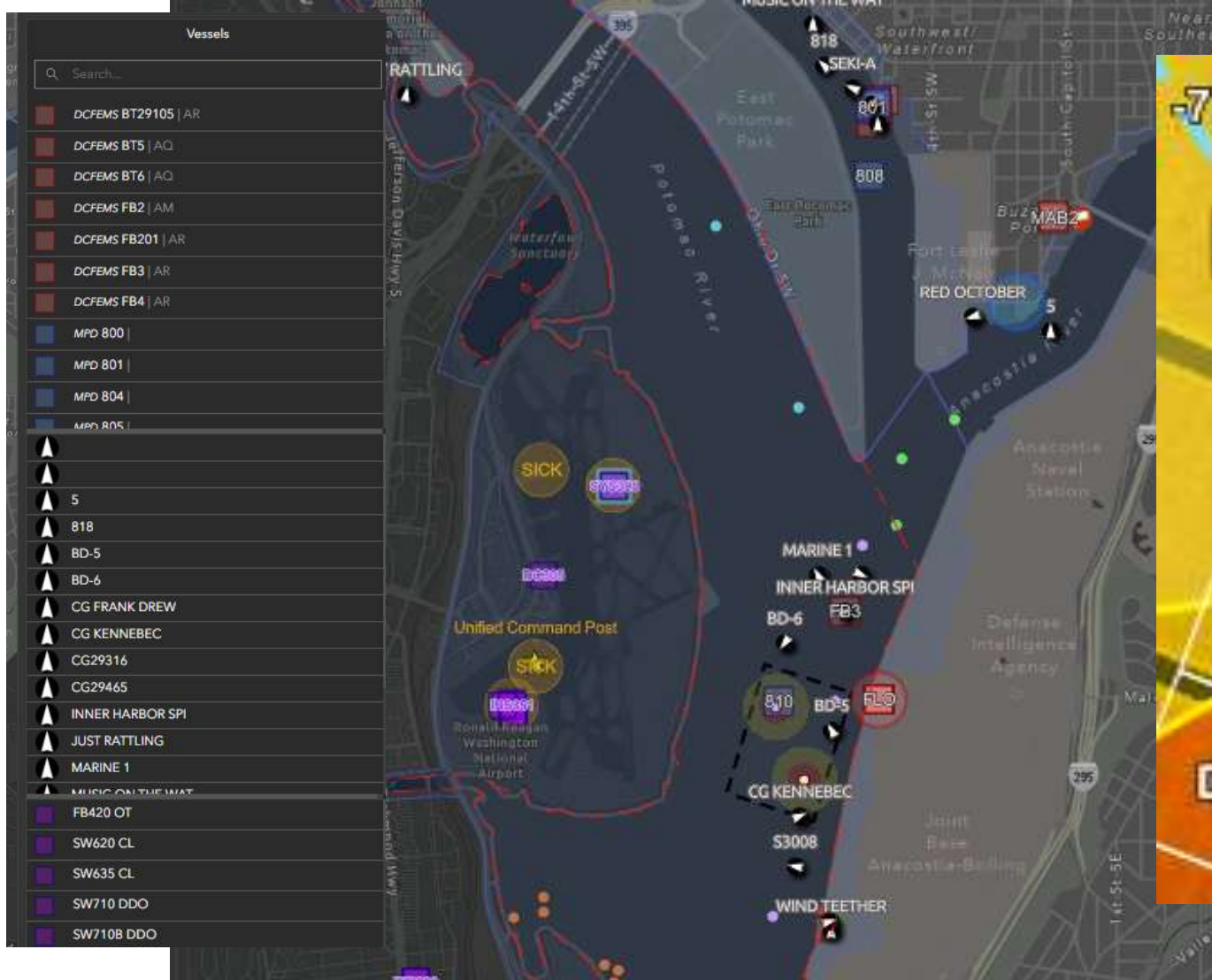
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Operations Map | **Debris Mapping Results** | NOAA Survey Ops | Links

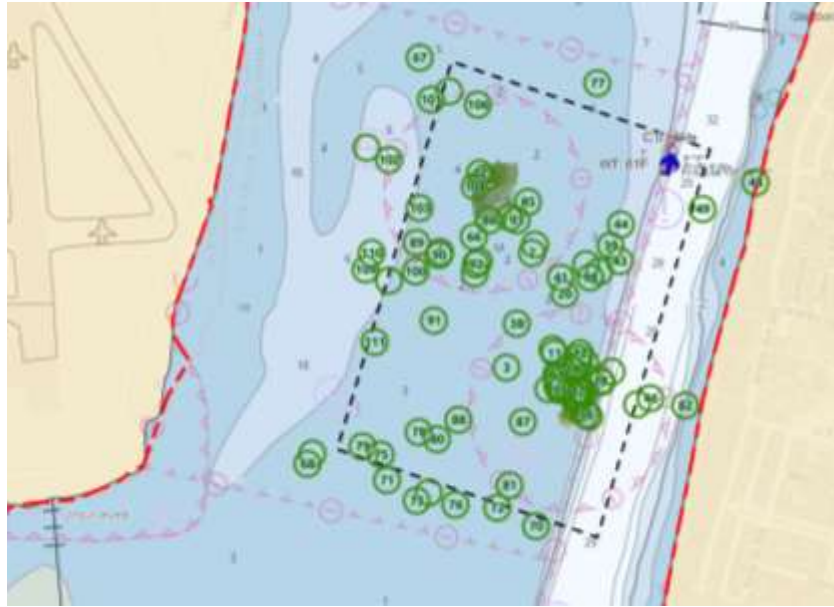
Units List | Debris Details | **Dive Targets**



Dive Operations



GIS = The Backbone of this Operation



Potomac River Mid-Air Collision



Thomas Chenworth
Deputy Fire Chief



Jeffrey Lenard
Master Public Safety Diver

