

Global Attending and Passing Collision Monitoring

Quick Start Guide

Global Attending and Passing Collision Monitoring (GAPCOM)



Overview

This document was developed to assist individuals in quickly getting up and running with *Global Attending and Passing Collision Monitoring (GAPCOM)*.

Intended Audience

This document was written for all GAPCOM users.

About GAPCOM

GAPCOM is a collision monitoring platform that utilizes vessel AIS returns to assist AMIC Supervisors and Platform Watch Standers with situational awareness and send alert notifications.

Current Version

GAPCOM (December 2021 Release)

Getting Started

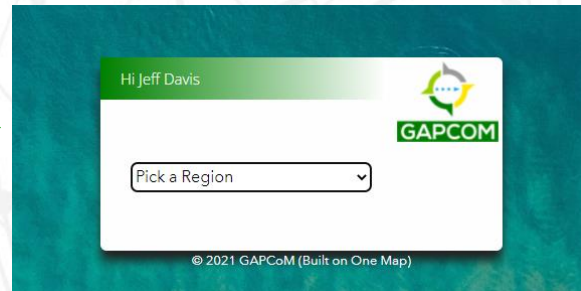
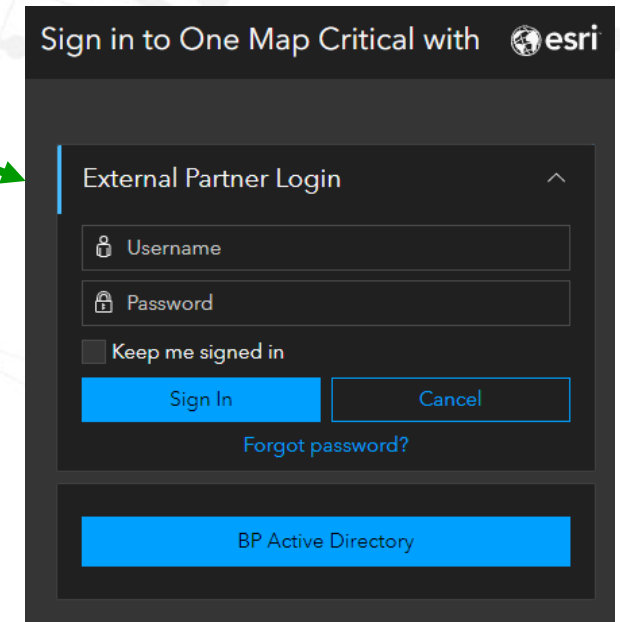
Logging Into GAPCOM

1. Navigate to [GAPCOM](https://onemap-critical.bpglobal.com/apps/GAPCoM/index.html) in **Google Chrome** or **Microsoft Edge** internet browser

GAPCOM URL: <https://onemap-critical.bpglobal.com/apps/GAPCoM/index.html>

When prompted, choose **External Partner Login** then enter your AMIC provided account username and password. *Note: if prompted with session timed-out, re-enter your account password then click **Sign In***

2. When prompted select your region of interest (*Gulf of Mexico will be used for the purpose of this quick start guide*)



GAPCOM Web Map Application Overview



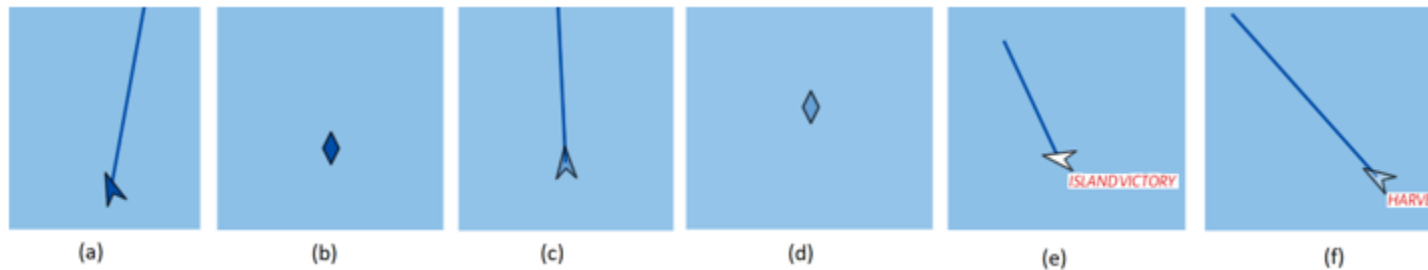
The screenshot displays the GAPCOM Web Map Application interface. At the top, there is a navigation bar with the GAPCOM logo, a 'MapMode' dropdown, and buttons for 'Weather', 'Bearing/Distance', 'Notification', 'Playback', 'Report', and 'Admin'. Below this, a search bar is visible. The main map area shows a satellite view of the Gulf of Mexico with numerous blue diamond-shaped vessel icons and their names, such as 'Nakika', 'Thunder Horse', 'Argos', 'Mad Dog', and 'Atlantis'. A pink 'Zone of Focus' is highlighted on the map. Annotations with yellow boxes and orange arrows point to various UI elements: 'Map Information and Tools' (top left), 'Navigation & Content' (left sidebar), 'Notification Window' (top center), 'Vessel Playback' (top center), 'Reports' (top center), 'Administrative Interface' (top center), 'System & Map Tools' (top right), 'Search' (top right), 'Vessel Info' (bottom left), 'Zone of Focus' (bottom center), 'Zoom To' (bottom center), 'Map Scale' (bottom center), and 'Cursor Coordinates' (bottom right). The bottom of the interface features a 'Vessel info' button, a 'Zone of Focus' dropdown menu, a 'Zoom to' dropdown menu, and a coordinate display showing 'XY -88.600796°, 28.254903°'. The footer includes the text 'Powered by Esri' and 'Gulf of Mexico (Richard Smith) - GOM MARINE LEAD'.

GAPCOM Vessel Symbols and Status Identification



GAPCOM will always display vessels on the map and cannot be set to invisible. Vessels display differently based on several rules. Vessels that are moving will be arrows and stationary vessels will be diamonds. Vessels with positions reported within the last hour will be a solid color while vessels with positions reported more than one hour ago will be semi-transparent (lighter color). Moving vessels will have the arrowing pointing at the vessel's heading and a line plotting the course and distance the vessel will cover within the next 6 minutes.

Vessel Symbol Examples



- a) Moving vessel with last reported position within the last hour.
- b) Stationary vessel with last reported position within the last hour.
- c) Moving vessel with last reported position more than one hour ago.
- d) Stationary vessel with last reported position more than one hour ago.
- e) Vessel on a fleet list (therefore showing fleet color of white and label) with last reported position within the last hour.
- f) Vessel on a fleet list (therefore showing fleet color of white and label) with last reported position more than one hour ago.

GAPCOM Web Map: Navigation & Content

The screenshot shows the GAPCOM Web Map interface. At the top, there is a navigation bar with the GAPCOM logo, status indicators for MapMode, Weather, and Bearing/Distance, and buttons for Notification, Playback, Report, and Admin. The main map area displays a satellite view of the Gulf of Mexico with various overlays and a scale bar. A callout box on the left, titled "Navigation & Content", points to a vertical toolbar with the following controls:

- Zoom In (+)
- Zoom Out (-)
- Zoom to Region Extent (Home icon)
- Map Layer Contents (Hamburger menu icon)

A second callout box on the right, titled "Map Layer Content", points to a panel showing a list of map layers. The layers listed are:

- GAPCOM POIs
- GAPCOM Zones
- North America Radar (Latest)
- Spire Weather Forecast Wind Now
- Spire Weather Forecast Ocean Current Now

Below the layers is a legend for "esriKnots" showing magnitude ranges with corresponding arrow colors:

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1
- 1 - 1.5
- 1.5 - 2

Callouts on the right side of the "Map Layer Content" panel provide instructions:

- Click button to expand map layer contents
- Click to turn layers on/off
- Click to hide layer contents window
- Click to expand layer legend
- Click to expand layer information

At the bottom of the map, there is a status bar with a "Vessel info" button, a "Zone of Focus" dropdown set to "No Focus", a "Zoom to" dropdown set to "Select POI", and the text "Gulf of Mexico (Richard Smith) - GOM MARINE LEAD".

GAPCOM Web Map: Map Information and Tools



The screenshot shows the GAPCOM web map interface. At the top, there are three tool buttons: 'MapMode' (checked), 'Weather', and 'Bearing/Distance'. A yellow box labeled 'Map Information and Tools' points to these buttons. Three callout boxes provide details for each tool:

- MapMode:**
 - GAPCOM default display
 - Interface to interact with web map
 - Pan
 - Zoom in/out
 - Zoom to Region full extent
 - Turn on/off layer
 - indicates active tool
- Weather:**
 - Tool to identify weather at selected Lat/Long
 - Opens Weather Information Window
 - Refer to page 8 for a detailed explanation of this tool
- Bearing/Distance:**
 - Tool to measure a distance between points
 - Tool to calculate bearing between two points
 - Refer to page 9 for a detailed explanation of this tool

The map shows a Gulf of Mexico region with various vessel icons and labels like 'SIGSBEE ESCARPMENT', 'WEST FLORIDA', 'Nakika', and 'SUBSEA RESPONDER II'. A scale bar shows 60 km and 30 mi. A coordinate box displays 'XY -88.600796°, 28.254903°'. The bottom navigation bar includes 'Vessel info', 'Zone of Focus' (No Focus), 'Zoom to' (Select POI), and 'Gulf of Mexico (Richard Smith) - GOM MARINE LEAD'. Sources listed at the bottom include Esri, USGS, CONANP, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS, Esri, UKHO, and Central Geospatial. The map is powered by Esri.


Map Information and Tools: Weather Tool





Weather




1 Current 2 Wind Barb 3 Hourly Data 4 Daily Data

Apparent Temp(C) 26	Cloud Cover Clear	Cloud Cover% 7
Day/Night night	Day Monday	Moon Phase Waxing Crescent Moon
Obser.Time 2021-11-08 19:00:00	Pressure(mb) 1013	Station S6AN5
Visibility(m) 20000	Wx Clear	Wind Dir. S
Relative Humidity% 84	Wind Speed(kph) 24	Dew Pt.(C). 23



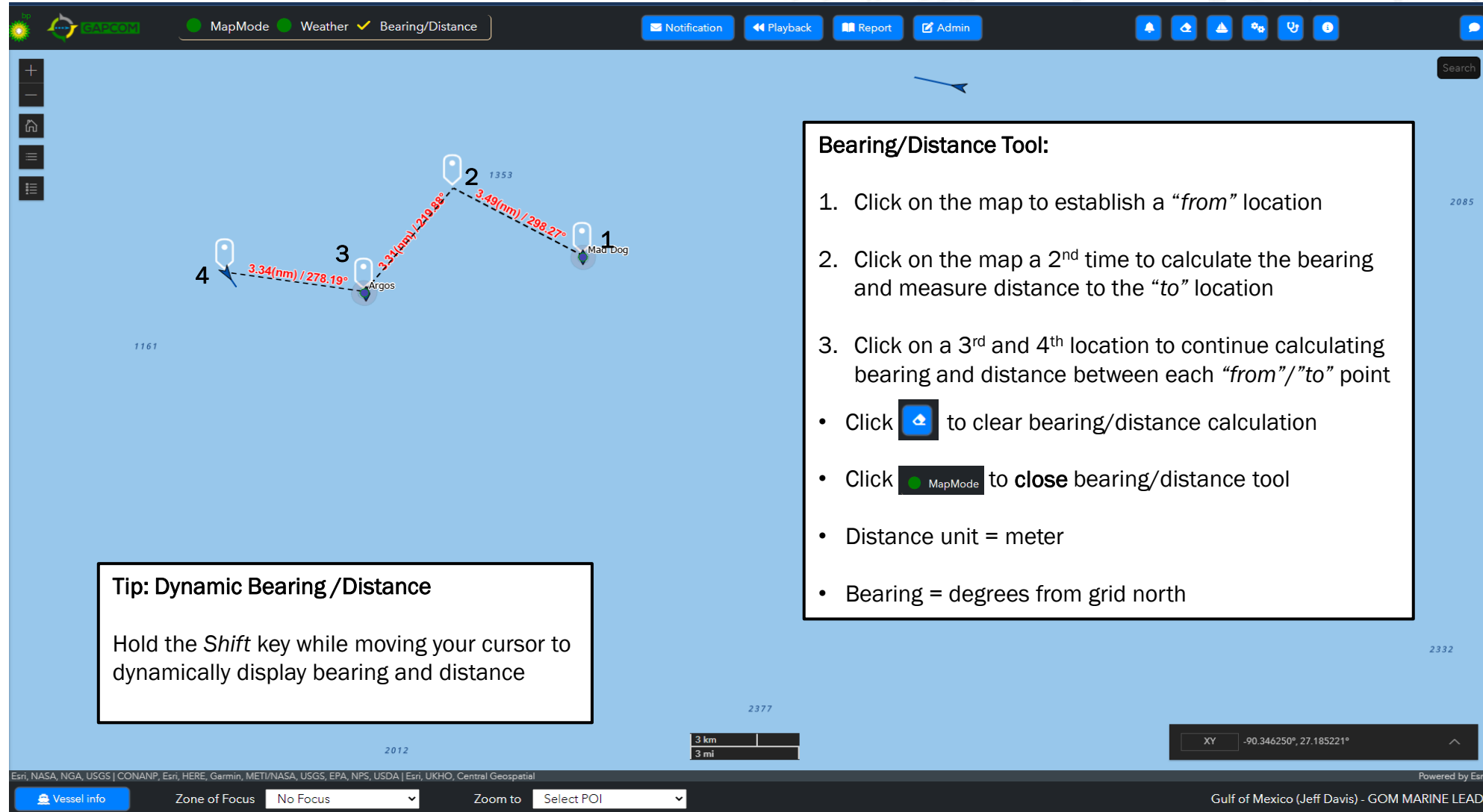
Weather Tool:

- The  mark next to *Weather* tab indicates it is active
- To deactivate *Weather* tool, click on MapMode or Bearing/Distance tool
- Click any location on map to open its localized weather report
- Click  to expand/collapse *Weather* display window
- Click  to close *Weather* display window

Weather Report Window Tab Overview


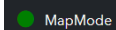
1. **Current** – information on current temperature, wind speed, wind direction, etc.
2. **Wind Barb** – displays 10-day wind forecast
3. **Hourly Data** – 10-day hour-to-hour weather forecast
4. **Daily Data** – 10-day daily weather forecast

Map Information and Tools: Bearing/Distance Tool



Bearing/Distance Tool:

1. Click on the map to establish a “from” location
2. Click on the map a 2nd time to calculate the bearing and measure distance to the “to” location
3. Click on a 3rd and 4th location to continue calculating bearing and distance between each “from”/”to” point

- Click  to clear bearing/distance calculation
- Click  to **close** bearing/distance tool
- Distance unit = meter
- Bearing = degrees from grid north

Tip: Dynamic Bearing /Distance

Hold the *Shift* key while moving your cursor to dynamically display bearing and distance

MapMode Weather Bearing/Distance

Notification Playback Report Admin

Search

1161 2085 2332 2377

3 km 3 mi

XY -90.346250°, 27.185221°

Esri, NASA, NGA, USGS | CONANP, Esri, HERE, Garmin, METI/NASA, USGS, EPA, NPS, USDA | Esri, UKHO, Central Geospatial Powered by Esri

Vessel info Zone of Focus No Focus Zoom to Select POI

Gulf of Mexico (Jeff Davis) - GOM MARINE LEAD

GAPCOM Web Map : Alert & Vessel Information



onemap-critical.bpglobal.com/apps/GAPCOM/index.html#tab-1

MapMode Weather Bearing/Distance

Notification Playback Report Admin

Notifications, Playback, and Reports

1. Click **Notification** to open the active alert notification tool (see page 11 for detailed explanation)

2. Click **Playback** to open the playback tool (see page 12 for detailed explanation)

3. Click **Report** to open the report window (see page 13 for detailed explanation)

Sources: Esri, USGS | CONANP, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS | Esri, UKHO, Central Geospatial

Vessel info Zone of Focus No Focus Zoom to Select POI

Gulf of Mexico (Jeff Davis) - GOM MARINE LEAD

Active Alert & Vessel Information: Notification



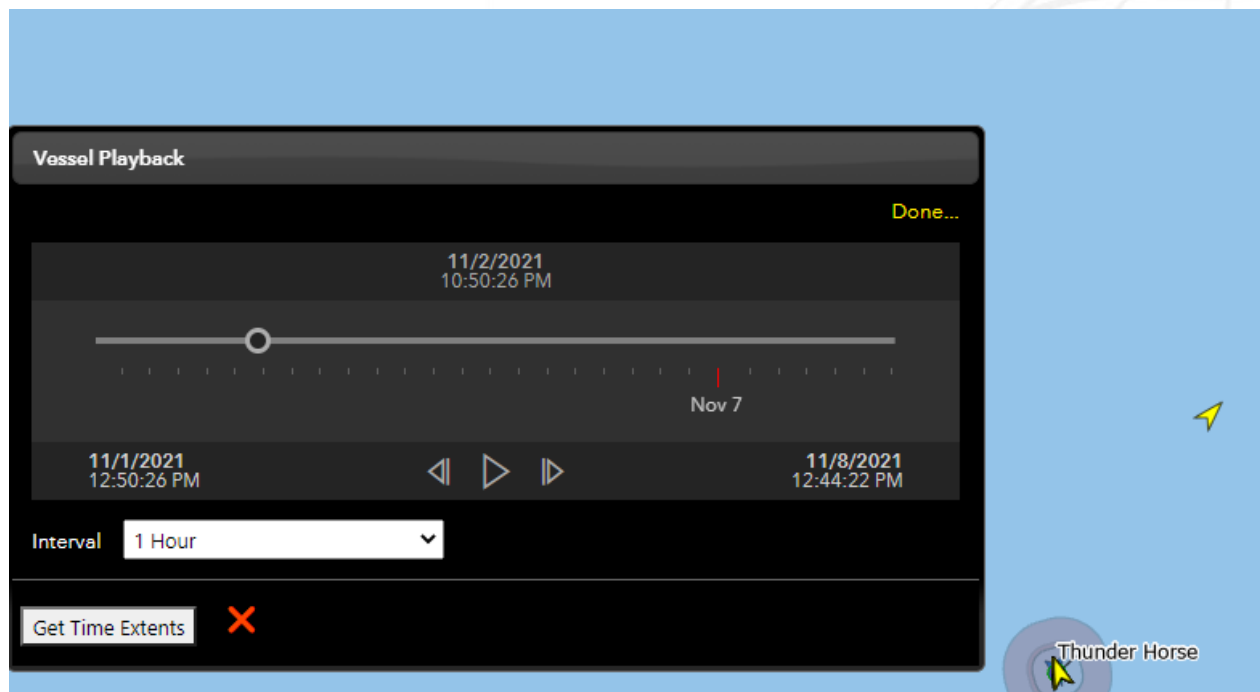
5 Priority Alert Notification(s)

	Entry Thunder Horse - Vessel Entry - 200 meter SHAMAN (DEZNUTZ) MMSI: 338236561 Violation Start Time:11/8/2021, 12:11:28 PM (17 min. ago) Violation End Time:N/A		
	Entry Thunder Horse - Vessel Entry - 500 meter SHAMAN (DEZNUTZ) MMSI: 338236561 Violation Start Time:11/8/2021, 12:06:14 PM (22 min. ago) Violation End Time:11/8/2021, 12:11:28 PM		
	TCPA Thunder Horse - CPA/TCPA Alert - SHAMAN (DEZNUTZ) MMSI: 338236561 Violation Start Time:11/8/2021, 12:06:14 PM (22 min. ago) Violation End Time:N/A CPA: 235(m) TCPA:1(min)		
	Entry Mad Dog - Vessel Entry - 500 meter		

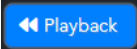





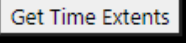

Notification Tool:

- The Notification tool displays active alerts. Active alerts remain open until they are acknowledged by the operator
- Click to zoom the map to the location of the active alert. The symbol denotes the location of the offending vessel's position at the time of the active alert.
- Click to snooze the active alert for 10 mins, 30 mins, 1 hour or 6 hours.
- Click to acknowledge a specific active alert.
- Click to acknowledge all active alerts displayed in the notification window.
- Click to mute/unmute the alert warning sound.
- Click to collapse/expand alert notification window.
- Click to close the alert notification window.

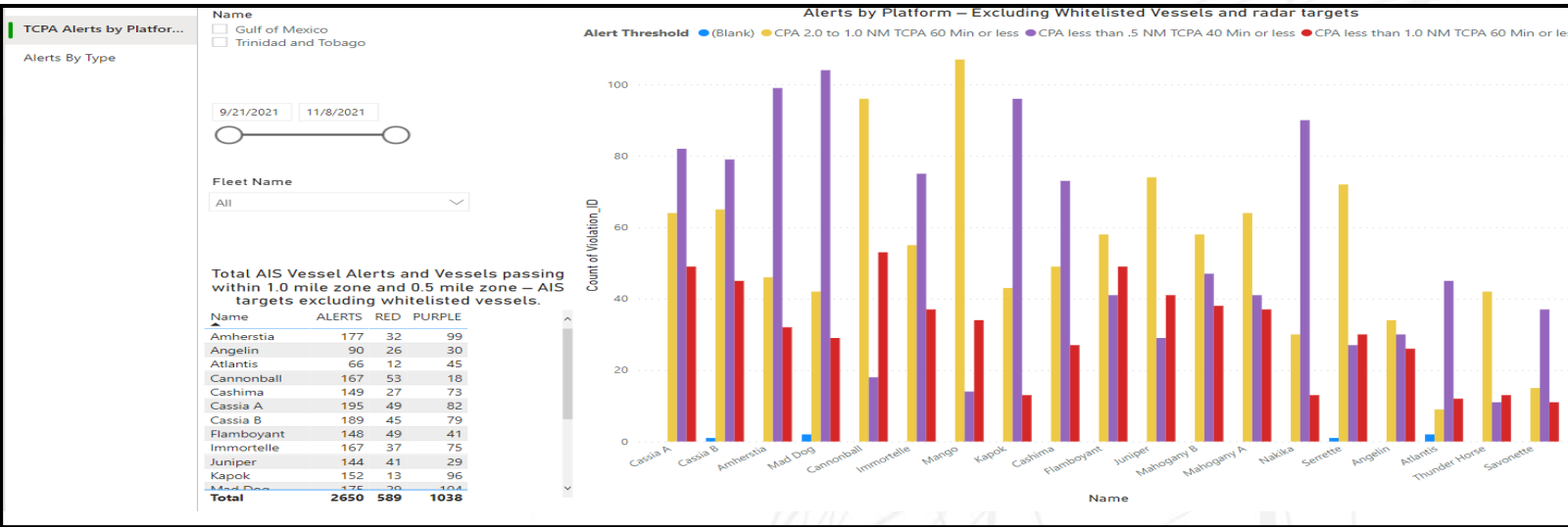
Alert & Vessel Information: Playback



Playback Tool:

- The vessel playback tool steps through the location of vessels for a selected time interval.
- Click  to open the Vessel Playback tool.
- Click  drop-down menu to select a 1 min, 5 mins, 10 mins, 30 mins or 1 hour time interval.
- Click  to play through the time interval.
- Click  to pause the play of the time interval.
- Click  to step back through the time interval.
- Click  to step forward through the time interval.
- Click  to reset the vessel playback tool.
- Click  to close the vessel playback tool.

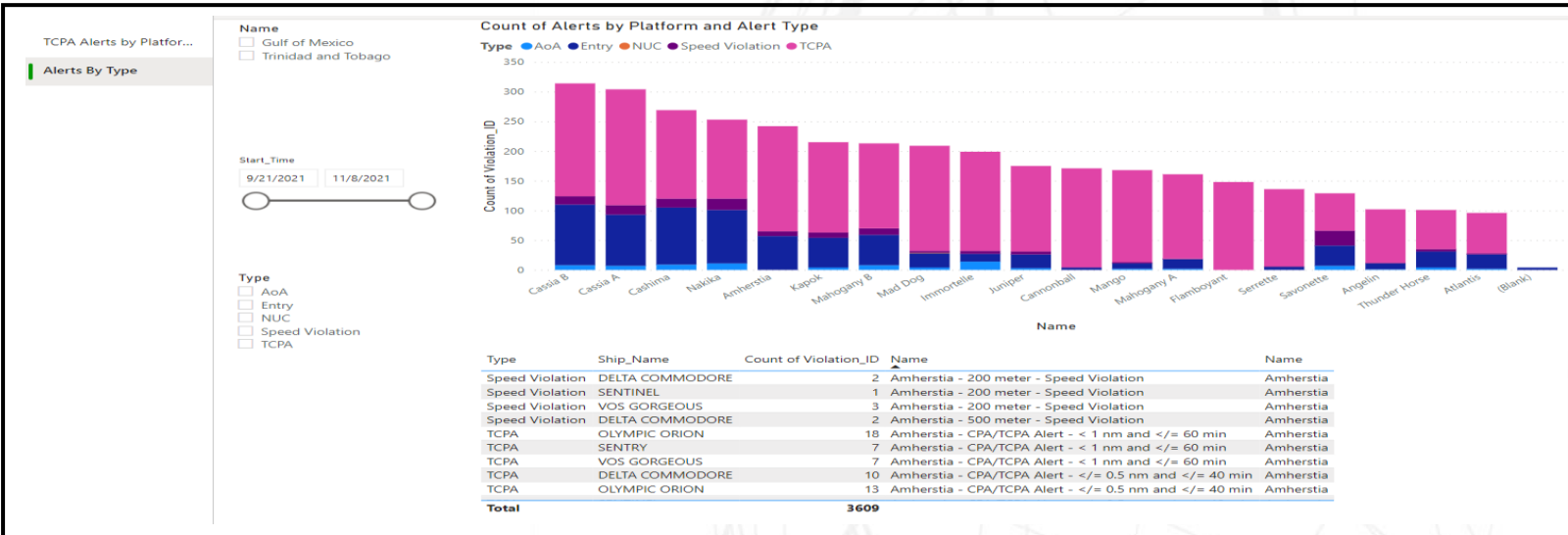
Alert & Vessel Information: Report



Alert Report:

The Report window displays two alert report categories:









- CPA/TCPA Alerts by Platform – *Excluding Whitelisted Vessels and Radar Targets*
- Count of Alerts by Platform and Alert Type
- Use controls on left side of page to interact with the reports



GAPCOM: System & Map Tools



System & Map Tools:

- Click  to open/close the alert history display (see page 15 for detailed explanation).
- Click  to clear map graphics (e.g. bearing/distance calculations).
- Click  to open the Fleet Manager tool (See page 16 for detailed explanation).
- Click  to open the GAPCOM web map settings (GAPCOM settings will be made fully available in January 2022 Release).
- Click  to open the GAPCOM Healthcheck Dashboard (See page 17 for detailed explanation).
- Click  to open current GAPCOM application information and to email the GAPCOM support team. Help documentation is available here for consumption.
- Click  to open GAPCOM User Testing Feedback form. Form allows users to leave comments concerning bugs, suggested improvements, interface questions, etc.
- Click  to search for vessels by MMSI, IMO, Ship Name or Call Sign

Sources: Esri, USGS | CONANP, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS | Esri, UKHO, Central Geospatial

Vessel info Zone of Focus No Focus Zoom to Select POI


Gulf of Mexico (Jeff Davis) - GOM MARINE LEAD


System & Map Tools: Alert History

Refresh (Mon, 08 Nov 2021 17:39:44 UTC)



Entry 


Mad Dog - Vessel Entry - 200 meter
MAD DOG (WQFY927)
Violation Start Time:11/8/2021, 11:27:14 AM (13 min. ago)
Violation End Time:N/A



Entry 


Mad Dog - Vessel Entry - 500 meter
MAD DOG (WQFY927)
Violation Start Time:11/8/2021, 10:51:18 AM (an hour ago)
Violation End Time:11/8/2021, 11:27:14 AM (a few sec. ago)



Entry 

Mad Dog - Vessel Entry - 200 meter
MAD DOG (WQFY927)
Violation Start Time:11/8/2021, 10:23:16 AM (an hour ago)
Violation End Time:11/8/2021, 10:51:18 AM (a few sec. ago)




 

Speed Violation 

Thunder Horse - 200 meter - Speed Violation
PELICAN ISLAND (WDI3030)
Violation Start Time:11/8/2021, 8:06:15 AM (4 hours ago)
Violation End Time:11/8/2021, 8:06:15 AM (a few sec. ago)
Speed:2.1

Alert History:

- The Alert History window displays a historic list of all alerts in a region.
- Click  to open an alert's activity log. The activity log displays users that have acknowledged, snoozed, etc. the selected alert.
- Click  to zoom to the offending vessel's location at the time of the alert.
- Click  to open the vessel information window. (see page 19 for detailed explanation of the vessel information window)

System & Map Tools: Fleet Manager



Fleet Name	Ship Name	MMSI	IMO
GOM AMIC Whitelist	BRANDON BORDELON	367697440	9670640
GOM AMIC Whitelist	BROOKE	367658610	9704295
GOM AMIC Whitelist		367194064	
GOM AMIC Whitelist		367693802	
GOM AMIC Whitelist	DEEP STAR	311076300	9647552
GOM AMIC Whitelist	FANTAS ISLAND	367789310	9788344
GOM AMIC Whitelist	FAST GOLIATH	367486440	9579951
GOM AMIC Whitelist		367653224	
GOM AMIC Whitelist	H.INTERVENTION	367518570	9581277
GOM AMIC Whitelist	HARVEY PROVIDER	369224000	9270115
GOM AMIC Whitelist	HARVEY BLUE-SEA	338798000	9743057
GOM AMIC Whitelist	HARVEY CHAMPION	366840000	9581289
GOM AMIC Whitelist		366138000	

- Fleet Manager:**
- The Fleet Manger window displays all fleets shared to the current user.
 - Click on a vessel's name or MMSI to zoom the map to the its current location.

System & Map Tools: Healthcheck Dashboard



The Healthcheck Dashboard displays the current status and reported outages, in the last 12 hours, of GAPCOM system services.

GAPCOM System Health: Current Status

Database

Available

Alert Fired: 12/20/2021, 2:51 PM
Alert Resolved: 12/20/2021, 2:55 PM

Time Lapsed Since Last Status
9 Day(s), 17 Hour(s), 9 Minute(s)

Spire

Available

Alert Fired: 12/28/2021, 2:16 PM
Alert Resolved: 12/28/2021, 2:31 PM

Time Lapsed Since Last Status
1 Day(s), 17 Hour(s), 45 Minute(s)

Outages (Last 12 hours)

Database
0
4 min (YTD)

Event Hub
0
(YTD)

Stream Analytic
0
6 min (YTD)

Spire
0
(YTD)

StratumFive
0
48 min (YTD)

VesselTracker
0
15 min (YTD)

Event Hub

Available

Alert Fired: 12/22/2021, 9:47 AM
Alert Resolved: 12/22/2021, 9:55 AM

Time Lapsed Since Last Status
7 Day(s), 22 Hour(s), 13 Minute(s)

StratumFive

Available

Alert Fired: 12/21/2021, 5:57 AM
Alert Resolved: 12/21/2021, 6:15 AM

Time Lapsed Since Last Status
9 Day(s), 2 Hour(s), 3 Minute(s)

VesselTracker

Available

Alert Fired: 12/20/2021, 2:56 PM
Alert Resolved: 12/20/2021, 3:12 PM

Time Lapsed Since Last Status
9 Day(s), 17 Hour(s), 4 Minute(s)

Stream Analytic

Available

Alert Fired: 12/20/2021, 2:59 PM
Alert Resolved: 12/20/2021, 3:05 PM

Time Lapsed Since Last Status
9 Day(s), 17 Hour(s), 2 Minute(s)

Service Status → Available

Alert fired/resolved time → Alert Fired: 12/21/2021, 5:57 AM
Alert Resolved: 12/21/2021, 6:15 AM

Time past since last status → Time Lapsed Since Last Status
9 Day(s), 2 Hour(s), 3 Minute(s)

Azure Service Definitions

Database: GAPCOM backend alert and administration
Event Hub: GAPCOM vessel AIS queue
Stream Analytic: GAPCOM alert rule violation analytic engine

Spire: GAPCOM vessel AIS vendor
StratumFive: GAPCOM vessel AIS vendor
VesselTracker: GAPCOM vessel AIS vendor

YTD: Total duration year-to-date of service outage

****Note** - a warning status is not indicative of a service failure; rather it indicates that a service is behaving in an atypical manner

Number of reported service outages in the last 12 hours

Total outage time year-to-date

Text Color Legend

Green indicates service is **Available**

Light orange indicates a service **Warning**

Dark orange indicates a service **Outage** (a.k.a. **Not Available**)

GAPCOM: Map Scale



The screenshot shows the GAPCOM web map interface. At the top, there is a navigation bar with the URL `onemap-critical.bpglobal.com/apps/GAPCOM/index.html#tab-1` and several buttons: Notification, Playback, Report, and Admin. Below the navigation bar, there are tabs for MapMode, Weather, and Bearing/Distance. The main map area displays a satellite-style map of the Gulf of Mexico with numerous blue arrows representing vessel tracks. A pink line indicates a specific boundary or zone. A callout box titled "Map Scale" is overlaid on the map, containing the following text:

Map Scale:
The map scale bars display relative size of specified distance on GAPCOM's web map interface.
Unit of measurement is displayed to the right of each scale bar.

Below the callout box, a yellow box labeled "Map Scale" points to a scale bar on the map. The scale bar shows two units: 100 km and 60 mi. The map also displays various geographical features and labels, including "PELICAN SAND I.", "HARVEY'S SEA", "Nakika", "Thunder Horse", "Argos", "Mad Dog", "Atlantis", "WEST FLORIDA ESCARPMENT", "TROPIC OF CANCER", "CAMPESHE ESCARPMENT", "Havana", "CAY SAL BANK", "FLORIDA VALLEY", "Everglades National Park", "Tortugas National Park", "St. Johns", "Orlando", "Lakeland", "Tampa", "Cape Coral", "Fort St. Lucie", "West Palm Beach", "Coral Springs", "Miami", "Cienfuegos", and "Havana".

At the bottom of the map, there is a status bar with the text "Sources: Esri, USGS | CONANP, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS | Esri, UKHO, Central Geospatial" and "Powered by Esri". The bottom right corner shows the coordinates "XY -83.343839°, 29.437551°" and the text "Gulf of Mexico (Jeff Davis) - GOM MARINE LEAD".

GAPCOM: Vessel Info & Zone of Focus



The screenshot shows the GAPCOM web application interface. At the top, there is a navigation bar with the URL `onemap-critical.bpglobal.com/apps/GAPCoM/index.html#tab-1` and various utility buttons like Notification, Playback, Report, and Admin. Below the navigation bar is a map of the Gulf of Mexico showing vessel tracks (blue arrows) and a highlighted zone of focus (pink line). A central white box contains the following instructions:

Vessel Info & Zone of Focus:

- Click **Vessel info** to open/close the vessel information window. (see page 20 for detailed explanation of the vessel information window)
- Click **Zone of Focus** **No Focus** to select a zone of focus (i.e. point-of-interest / e.g. Atlantis) from the drop-down list. The zone of focus relates a vessel's CPA/TCPA to a selected asset in the vessel information window.
- Select a POI from the dropdown menu **Select POI** to zoom to it on the map

At the bottom of the map, there is a yellow highlighted box with the text **Vessel Info & Zone of Focus**. Below the map, there is a control bar with the following elements:

- Vessel info** button
- Zone of Focus** dropdown menu (currently set to **No Focus**)
- Zoom to** dropdown menu (currently set to **Select POI**)
- Coordinates: **XY** `-83.343839°, 29.437551°`
- Scale: **100 km** / **60 mi**
- Map data sources: Esri, USGS | CONANP, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS | Esri, UKHO, Central Geospatial
- Map title: **Gulf of Mexico (Jeff Davis) - GOM MARINE LEAD**

Vessel Information: Vessel Information

Vessel Information

Ship Name	SIGNET WARHORSE II
Call Sign	WDH4884
Flag	US
CPA/TCPA	
Lat, Long (WGS84)	27.5133, -90.0973
MMSI	366885000
Status	Undefined
Course	123
Heading	176
Speed	0.8
Rotation	Not Available
Timestamp	12/30/2021, 7:48:09 AM (9 min. ago)
Source	Spire

Follow Vessel

- Vessel Events
- Vessel Tracker
- Vessel Notes
- Vessel Vector Projection

Vessel Information displays a selected vessel's information. To select a vessel, click on it in the web map or use the alert history display window. CPA/TCPA displays values relative to the selected zone of focus. If no zone of focus is selected CPA/TCPA values will be blank. Click to zoom to the vessel's current location on the map. Click the *Follow Vessel* check box to track the vessel in the map.

Vessel Tracker

SIGNET WARHORSE II

Track Length: 1 Hour

Highlight Speed: \geq kts

Vessel Events tab displays a list of all alerts of the identified vessel.

Vessel Events

AOA

Mad Dog - 500 meter - Angle of Approach
MMSI: 369494392 (WQFY927)
Violation Start Time: 11/8/2021, 12:06:15 PM (2 hours ago)
Violation End Time: 11/8/2021, 12:06:15 PM

Entry

Mad Dog - Vessel Entry - 500 meter
MMSI: 369494392 (WQFY927)
Violation Start Time: 11/8/2021, 11:41:23 AM (2 hours ago)
Violation End Time: 11/8/2021, 12:06:15 PM

Entry

Mad Dog - Vessel Entry - 200 meter
MMSI: 369494392 (WQFY927)
Violation Start Time: 11/8/2021, 11:27:14 AM (2 hours ago)
Violation End Time: 11/8/2021, 11:41:23 AM

Entry

Mad Dog - Vessel Entry - 500 meter
MMSI: 369494392 (WQFY927)
Violation Start Time: 11/8/2021, 10:51:18 AM (3 hours ago)
Violation End Time: 11/8/2021, 11:27:14 AM

- Vessel Tracker
- Vessel Vector Projection

Vessel Tracker plots a selected vessel's course over a given time range. Click 3 Hour to select 1, 3, 6, 12 hours or 1, 3, 7 days from the track length drop-down menu. To identify when a vessel exceeds or was under a given speed check the box to the left of the \geq kts operator (\geq or \leq) drop-down menu then enter a speed in knots. Click to plot the vessels course on the web map for the given time range. **Note:** red points indicate when a vessel exceeded or was under the entered speed.

Vessel Vector Projection

Select minutes:

Value: 29

Vessel Vector Projection tool calculates a vessels path in the selected time range given current course and speed. Use the time slider bar to select desired length of time (in minutes) then click to display the vessels projected path.

Vessel Notes

SIGNET WARHORSE II (366885000)

Vessel Notes allows users the ability to enter notes about a vessel. Notes are available in Vessel Information tool until they are deleted.

GAPCOM: Cursor Coordinates



The screenshot displays the GAPCOM application interface. At the top, there are navigation buttons for Notification, Playback, Report, and Admin, along with utility icons for MapMode, Weather, and Bearing/Distance. A search bar is located in the top right corner. The main area is a map of the Gulf of Mexico, showing cities like Houston, San Antonio, and Corpus Christi. Several callout boxes provide instructions on how to use the coordinate tools:

- Top Left Callout:** "Select how to display coordinates. Then click **Convert** to add coordinates." This points to the 'BASEMAP' dropdown menu where 'DD' is selected.
- Top Right Callout:** "Click **[Cursor Icon]** to use the cursor to identify a selected positions coordinate. Click **[Cursor Icon]** again to dynamically display the cursors coordinates." This points to the cursor icon in the 'Add conversion' tool.
- Middle Left Callout:** "Expand/collapse coordinate conversion tool." This points to the 'Add conversion' dropdown menu.
- Middle Right Callout:** "Click **[Pencil Icon]** to enter coordinates and then **Convert** to convert the coordinates to your select reference system." This points to the 'Convert' button in the 'Input coordinate' dialog.
- Bottom Callout:** "Click **Go to location** to zoom to the entered coordinate upon clicking **Convert**." This points to the 'Go to location' checkbox in the 'Input coordinate' dialog.

At the bottom right, a 'Cursor Coordinates' box displays the coordinates: DD 28.017857°N, 092.138308°W. Below this, a scale bar shows 100 km and 60 mi. The bottom status bar includes 'Vessel info', 'Zone of Focus' (Nakika), a tracking ID (369494390), a timestamp (11/8/2021, 4:11:24 PM), and the map title 'Gulf of Mexico (Jeff Davis) - GOM MARINE LEAD'.

Questions or Feedback



Email AMIC for
GAPCOM access problems or general questions
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Use the [Feedback Form](#) to submit GAPCOM application feedback