Special Event Mapping

Baltimore City Fire Department

FFPM Peter Hanna

December 2, 2014

Overview

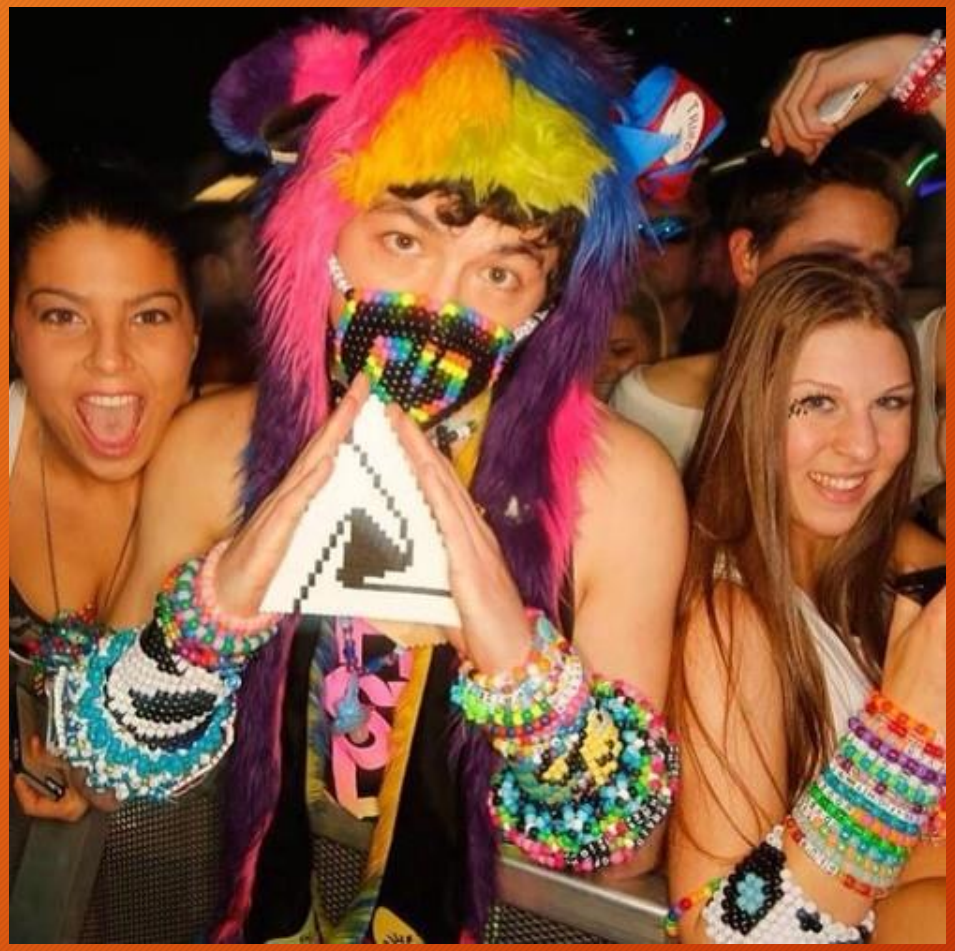
- Moonrise
- Star Spangled Spectacular
- GeoEvent Processor

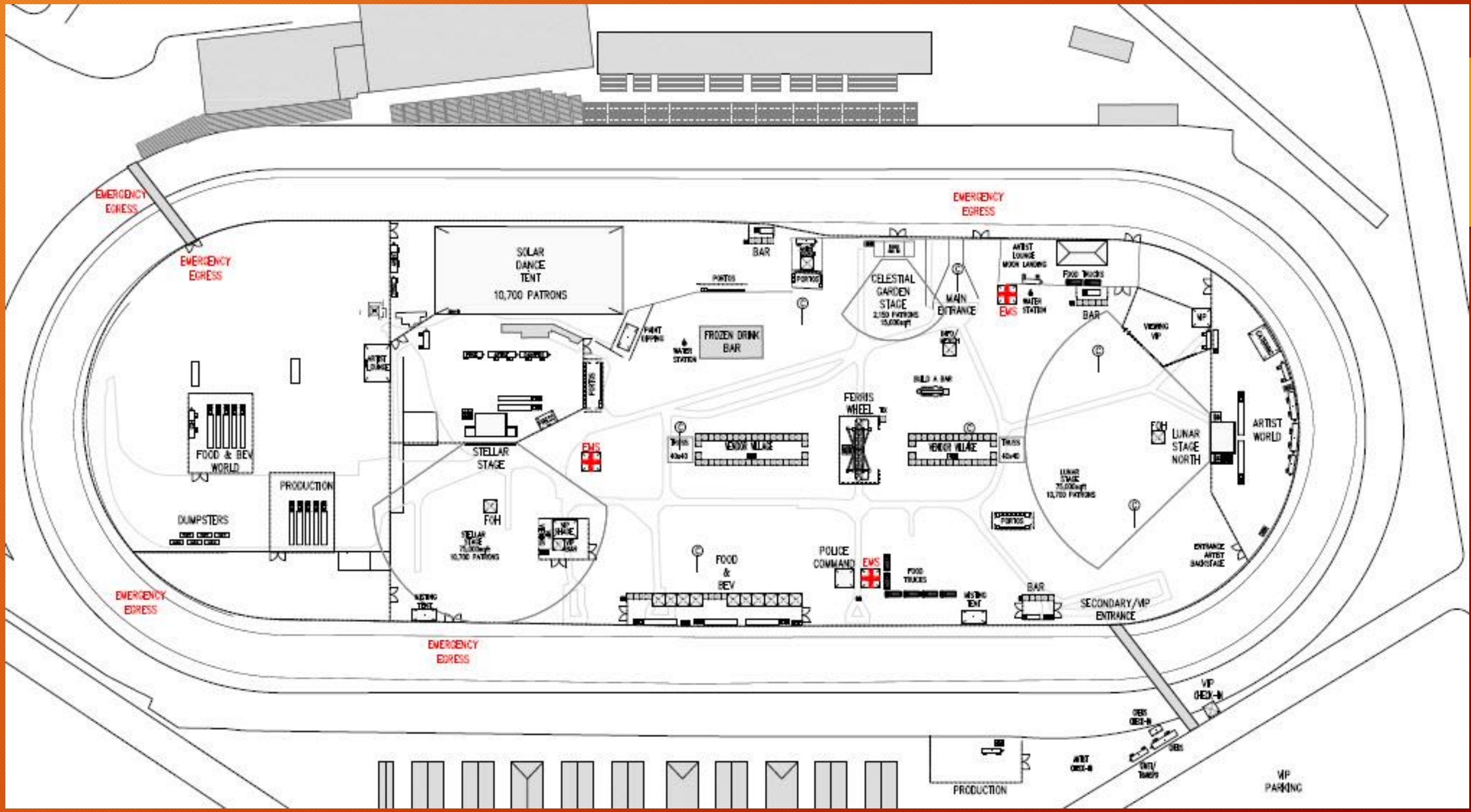
Moonrise 2014

- Two Day Rave Party
- Rave Death at Merriweather
- EMS Concerns

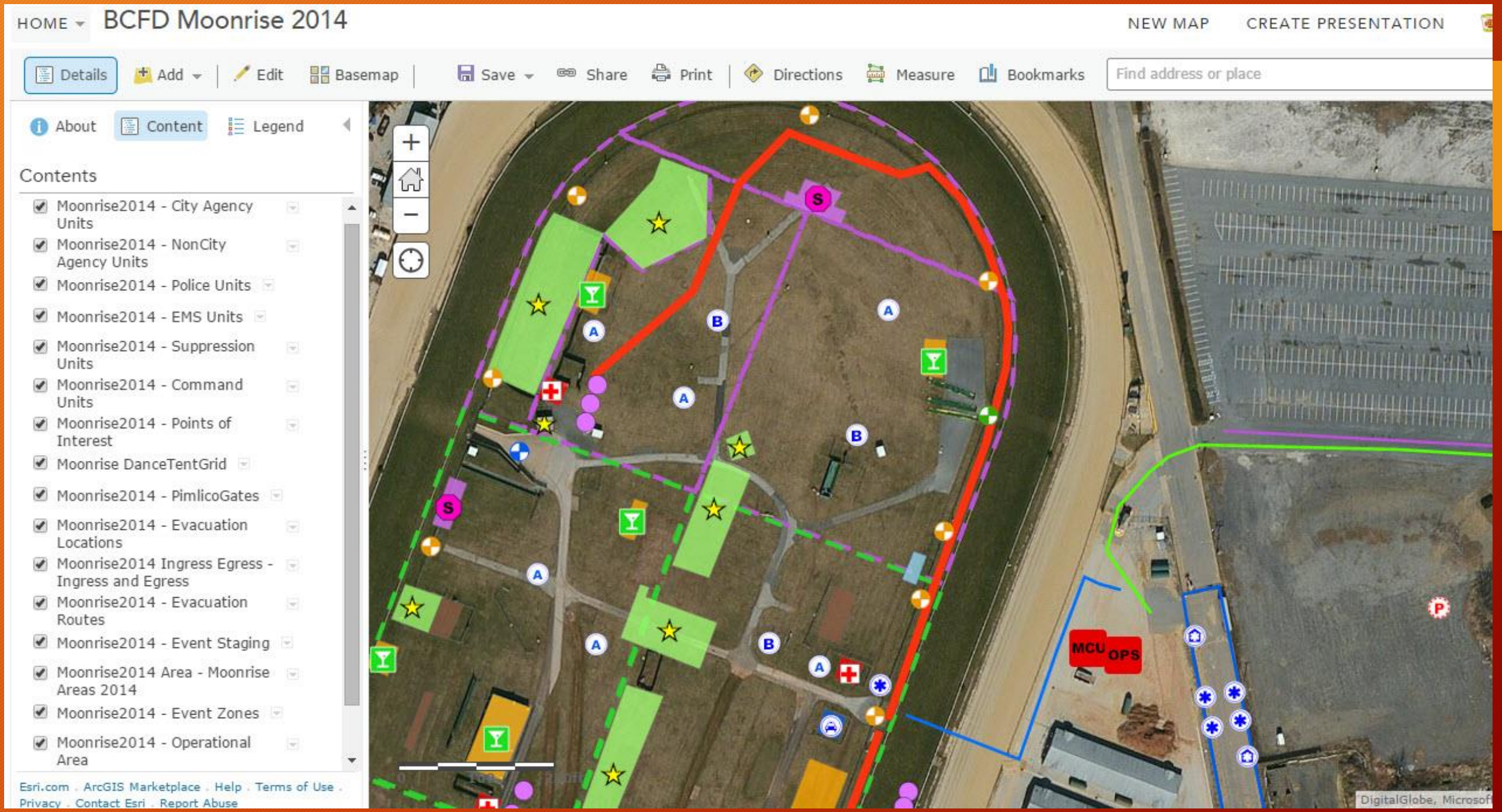
Moonrise 2014

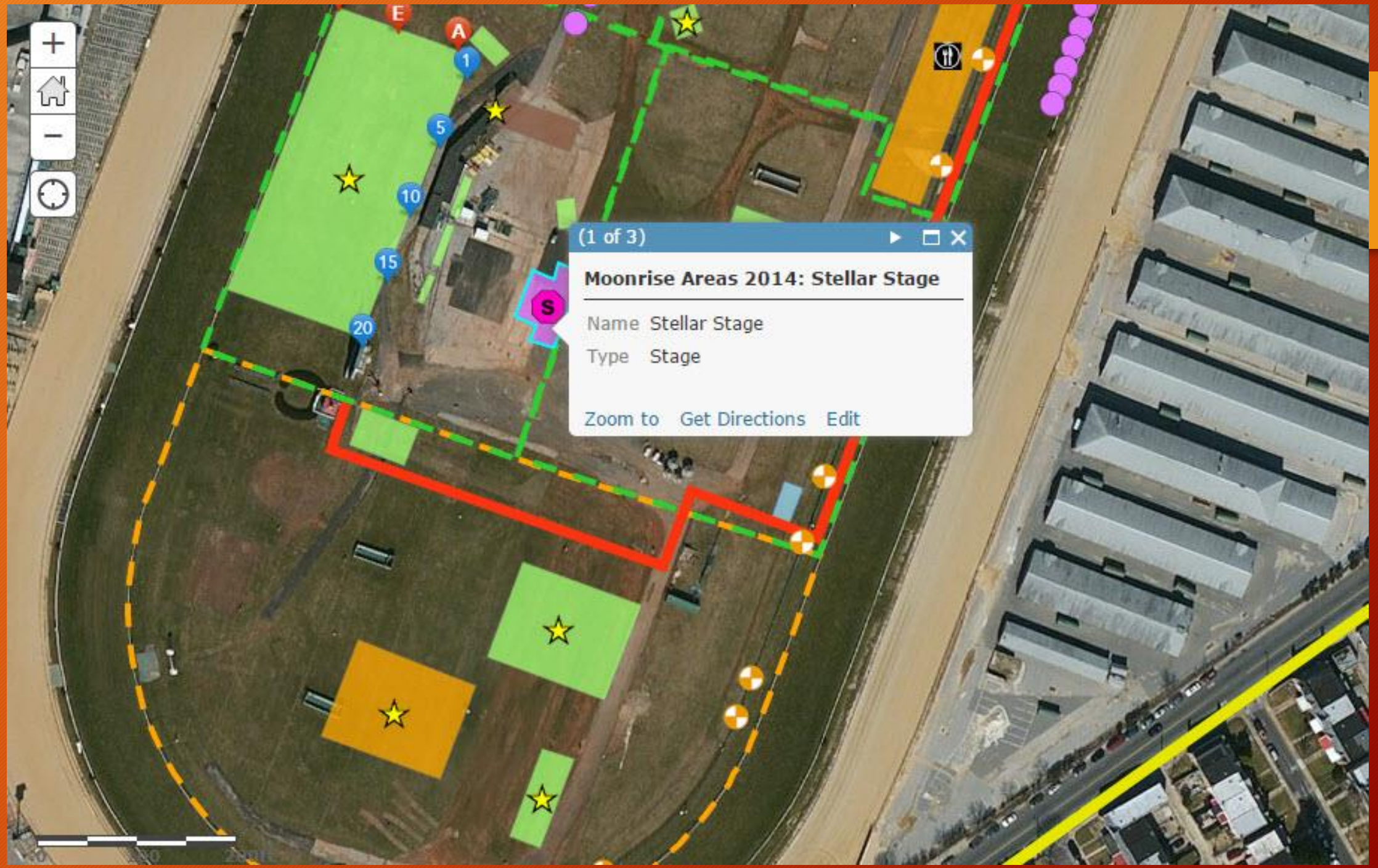
Moonrise 2014

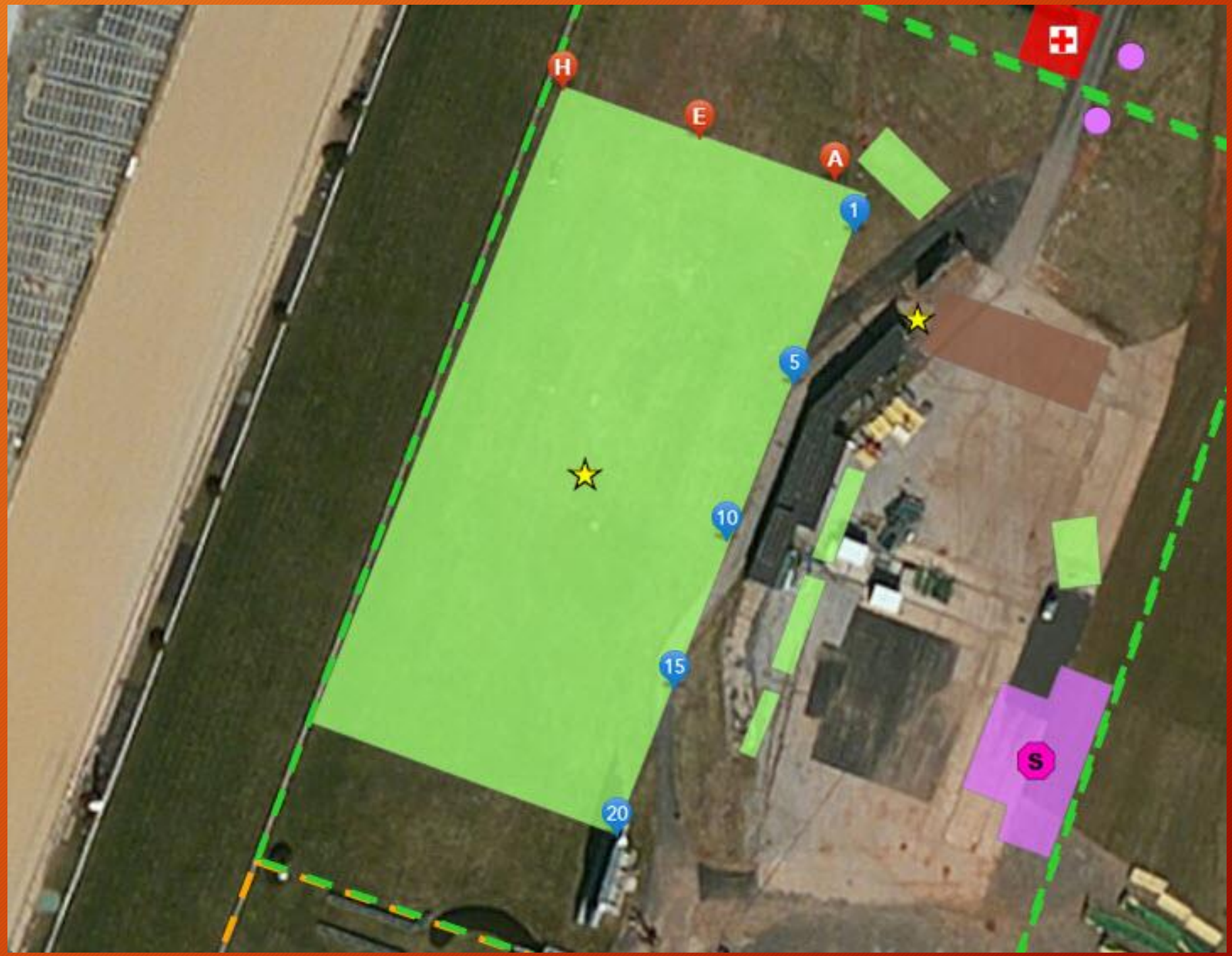


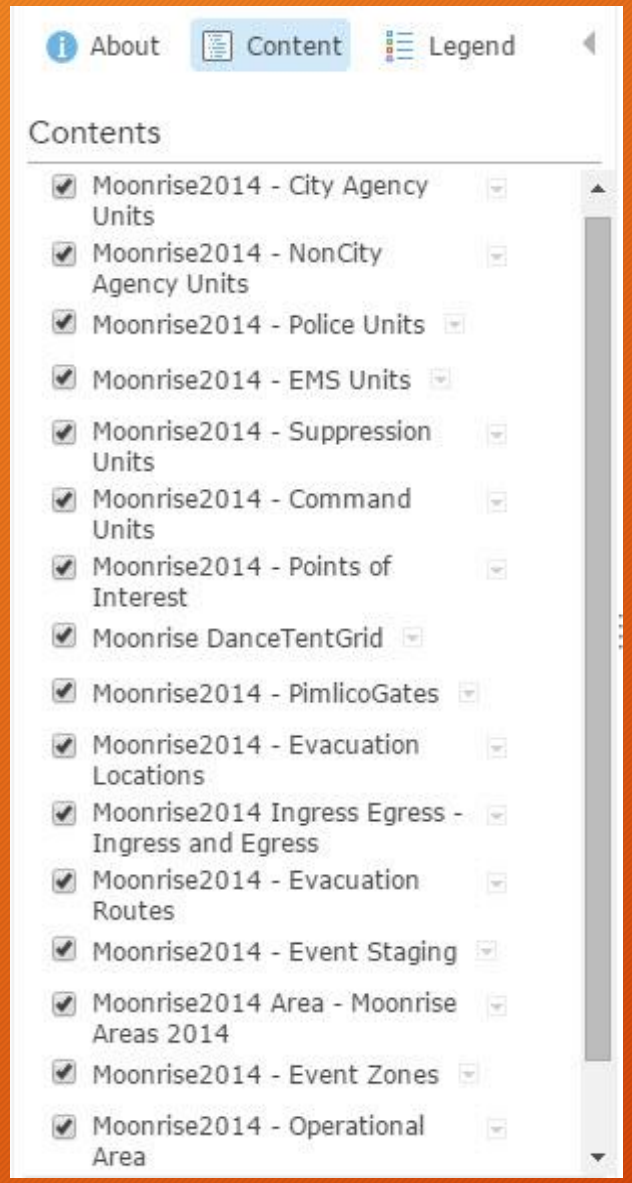

EMERGENCY EGRESS
EMERGENCY EGRESS
EMERGENCY EGRESS
SOLAR DANCE TENT
10,700 PATRONS
BAR
PORTOS
CELESTIAL GARDEN STAGE
2,150 PATRONS
MAIN ENTRANCE
EMS
ARTIST LOUNGE MOON LANDING
FOOD TRUCKS
BAR
WATER STATION
FROZEN DRINK BAR
VIEWING VIP
FERRIS WHEEL
BUILD A BAR
VENDOR VILLAGE
VENDOR VILLAGE
FOH
LUNAR STAGE NORTH
ARTIST WORLD
FOOD & BEV WORLD
PRODUCTION
DUMPSTERS
STELLAR STAGE
FOH
EMS
FOOD & BEV
POLICE COMMAND
EMS
FOOD TRUCKS
BAR
SECONDARY/VIP ENTRANCE
ENTRANCE ARTIST BACKSTAGE
EMERGENCY EGRESS
EMERGENCY EGRESS
VIP CHECK-IN
PRODUCTION
VIP PARKING

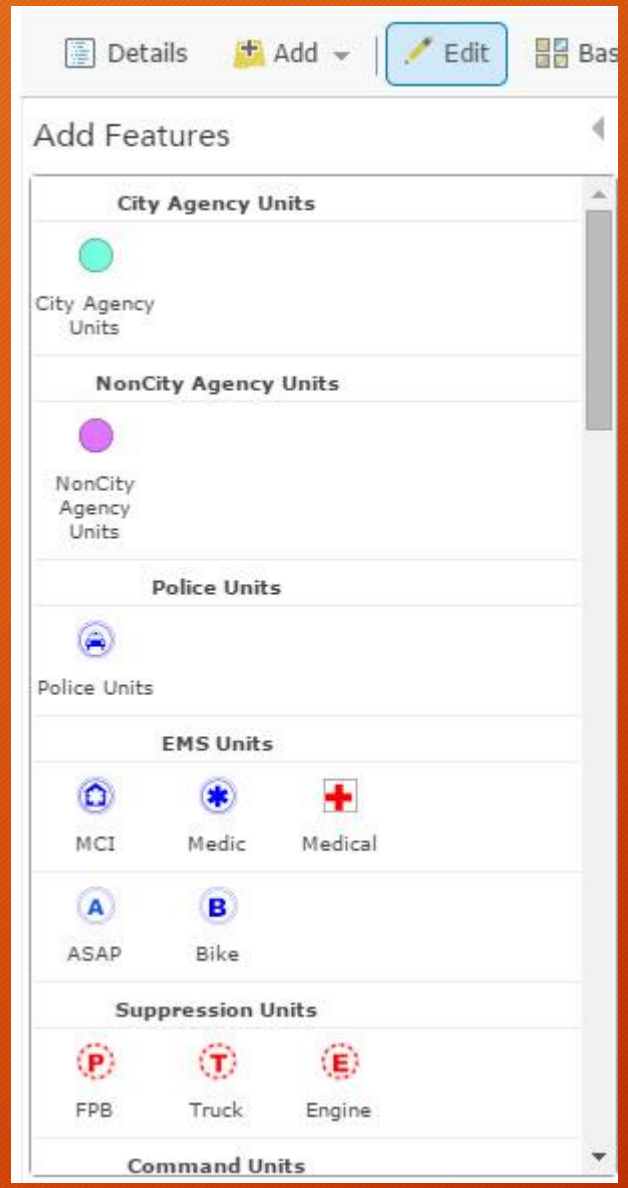
HOME
BCFD Moonrise 2014
NEW MAP
CREATE PRESENTATION
Details
Add
Edit
Basemap
Save
Share
Print
Directions
Measure
Bookmarks
Find address or place
About
Content
Legend
Contents
Moonrise2014 - City Agency Units
Moonrise2014 - NonCity Agency Units
Moonrise2014 - Police Units
Moonrise2014 - EMS Units
Moonrise2014 - Suppression Units
Moonrise2014 - Command Units
Moonrise2014 - Points of Interest
Moonrise DanceTentGrid
Moonrise2014 - PimlicoGates
Moonrise2014 - Evacuation Locations
Moonrise2014 Ingress Egress - Ingress and Egress
Moonrise2014 - Evacuation Routes
Moonrise2014 - Event Staging
Moonrise2014 Area - Moonrise Areas 2014
Moonrise2014 - Event Zones
Moonrise2014 - Operational Area
Esri.com . ArcGIS Marketplace . Help . Terms of Use .

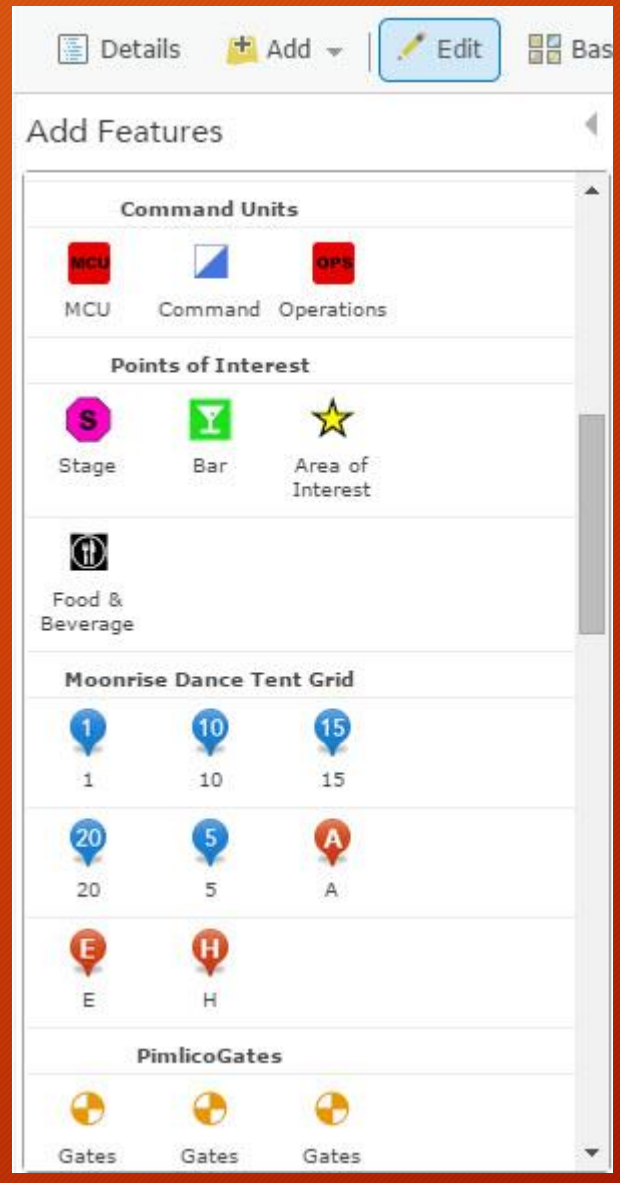

HOME
BCFD Moonrise 2014
NEW MAP
CREATE PRESENTATION
Details
Add
Edit
Basemap
Save
Share
Print
Directions
Measure
Bookmarks
Find address or place
About
Content
Legend
Contents
Moonrise2014 - City Agency Units
Moonrise2014 - NonCity Agency Units
Moonrise2014 - Police Units
Moonrise2014 - EMS Units
Moonrise2014 - Suppression Units
Moonrise2014 - Command Units
Moonrise2014 - Points of Interest
Moonrise DanceTentGrid
Moonrise2014 - PimlicoGates
Moonrise2014 - Evacuation Locations
Moonrise2014 Ingress Egress - Ingress and Egress
Moonrise2014 - Evacuation Routes
Moonrise2014 - Event Staging
Moonrise2014 Area - Moonrise Areas 2014
Moonrise2014 - Event Zones
Moonrise2014 - Operational Area
Esri.com . ArcGIS Marketplace . Help . Terms of Use . Privacy . Contact Esri . Report Abuse
MCU
OPS
DigitalGlobe, Microsof

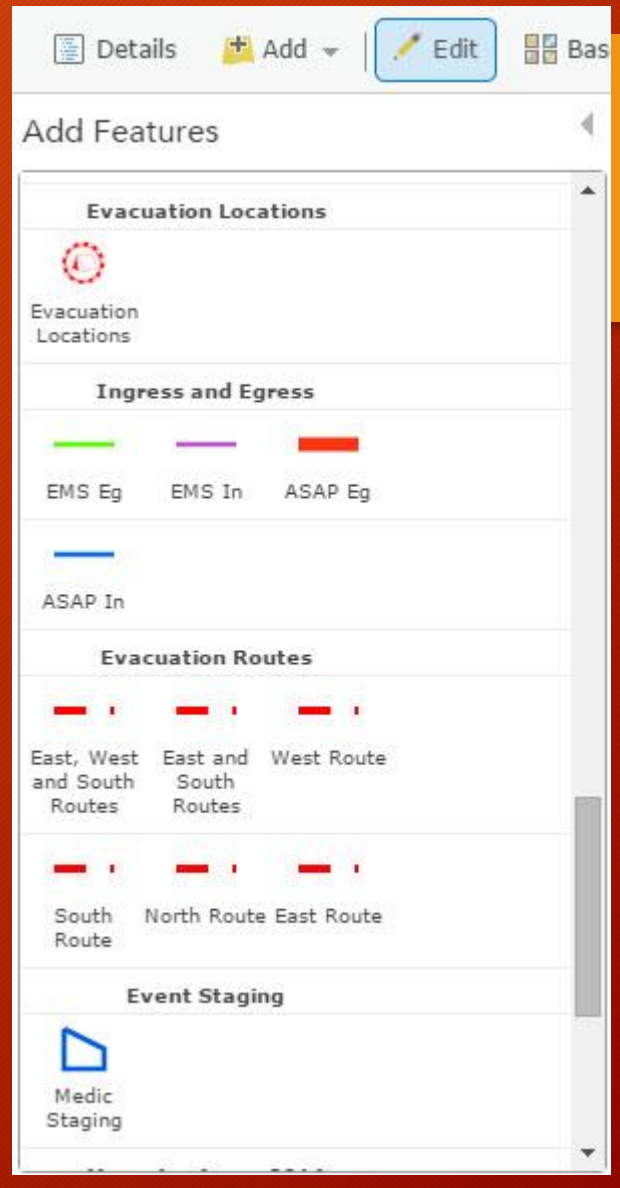

E
A
1
5
10
15
20
S
(1 of 3)
Moonrise Areas 2014: Stellar Stage
Name Stellar Stage
Type Stage
Zoom to
Get Directions
Edit


H
E
A
1
5
10
15
20
S


About
Content
Legend
Contents
Moonrise2014 - City Agency Units
Moonrise2014 - NonCity Agency Units
Moonrise2014 - Police Units
Moonrise2014 - EMS Units
Moonrise2014 - Suppression Units
Moonrise2014 - Command Units
Moonrise2014 - Points of Interest
Moonrise DanceTentGrid
Moonrise2014 - PimlicoGates
Moonrise2014 - Evacuation Locations
Moonrise2014 Ingress Egress - Ingress and Egress
Moonrise2014 - Evacuation Routes
Moonrise2014 - Event Staging
Moonrise2014 Area - Moonrise Areas 2014
Moonrise2014 - Event Zones
Moonrise2014 - Operational Area


Details
Add
Edit
Add Features
City Agency Units
City Agency Units
NonCity Agency Units
NonCity Agency Units
Police Units
Police Units
EMS Units
MCI
Medic
Medical
ASAP
Bike
Suppression Units
FPB
Truck
Engine
Command Units


Details
Add
Edit
Add Features
Command Units
MCU
Command
Operations
Points of Interest
Stage
Bar
Area of Interest
Food & Beverage
Moonrise Dance Tent Grid
1
10
15
20
5
A
E
H
PimlicoGates
Gates
Gates
Gates


Details
Add
Edit
Add Features
Evacuation Locations
Evacuation Locations
Ingress and Egress
EMS Eg
EMS In
ASAP Eg
ASAP In
Evacuation Routes
East, West and South Routes
East and South Routes
West Route
South Route
North Route
East Route
Event Staging
Medic Staging

Moonrise 2014 Lessons Learned

- Symbology in ArcGIS Online
- Mobile Devices

Star Spangled Spectacular

- Naval & Tall Ships From Around the World
- Many visitors including POTUS and the Vice President
- Blue Angels and Fireworks

Star Spangled Spectacular

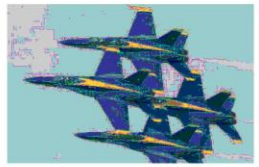
Star Spangled Spectacular

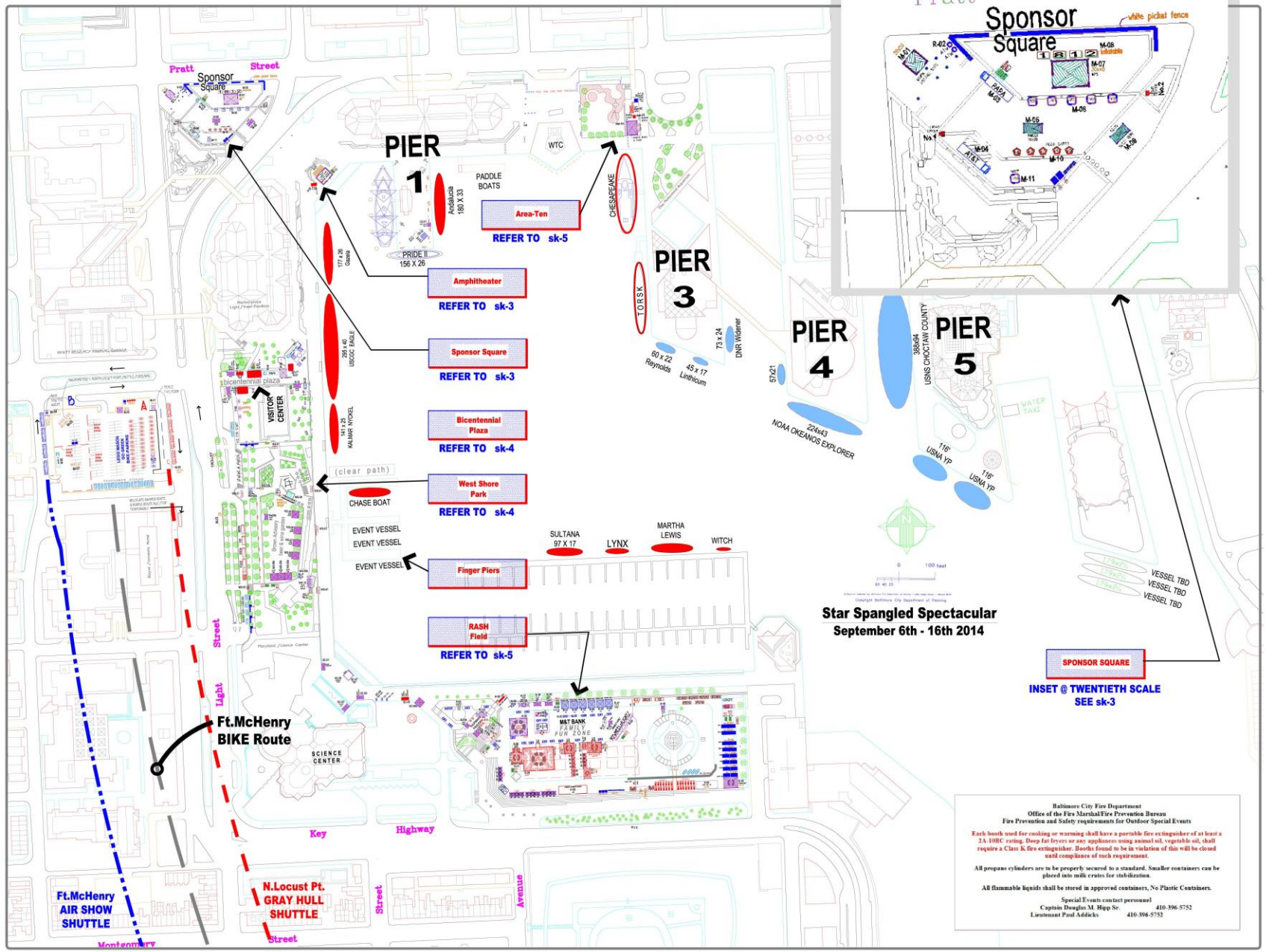
Star Spangled Spectacular

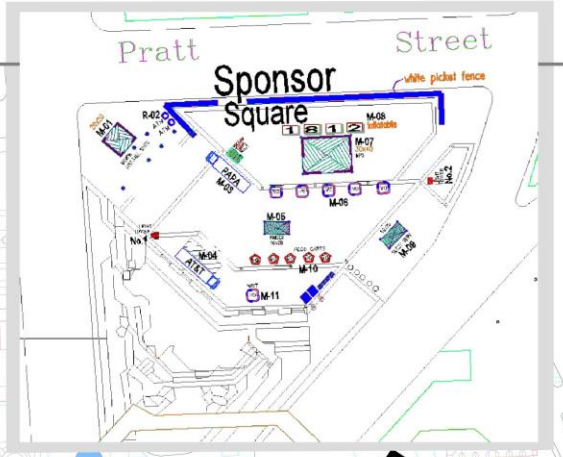
Star Spangled Spectacular

STAR SPANGLED SPECTACULAR INNER HARBOR LAYOUT - - 1" = 100'-0" SCALE

ABBREVIATED LOGISTICS ISSUE PACKET - - - 4 SKETCHES INCLUDED
THIS SHEET sk2, REVERSE SIDE sk7 / SECOND SHEET sk6, REVERSE SIDE sk8
(PLOTTED TO FIT 12" x 18" SHEET SIZE, NOT TO SPECIFIED SCALE)







Baltimore City Fire Department
Office of the Fire Marshal/Fire Prevention Bureau
Fire Prevention and Safety requirements for Outdoor Special Events

Each booth used for cooking or warming shall have a portable fire extinguisher of at least a 2A 10BC rating. Deep fat fryers or any appliances using animal oil, vegetable oil, shall require a Class K fire extinguisher. Booths found to be in violation of this will be closed until compliance of such requirement.

All propane cylinders are to be properly secured to a standard. Smaller containers can be placed into milk crates for stabilization.

All flammable liquids shall be stored in approved containers, No Plastic Containers.

Special Events contact personnel
Captain Douglas M. Hipp Sr. 410-396-5752
Lieutenant Paul Addicks 410-396-5752

STAR SPANGLED SPECTACULAR
FORT McHENRY
BALTIMORE HARBOR

DATE 1/27/2014 DWG. NO. sk2

RICHARD POLAN ASSOCIATES INCORPORATED
ARCHITECTURE ENGINEERING SPACE PLANNING
740 LIGHT STREET BALTIMORE MD 21230
410 • 727 • 5588
4architecture.net

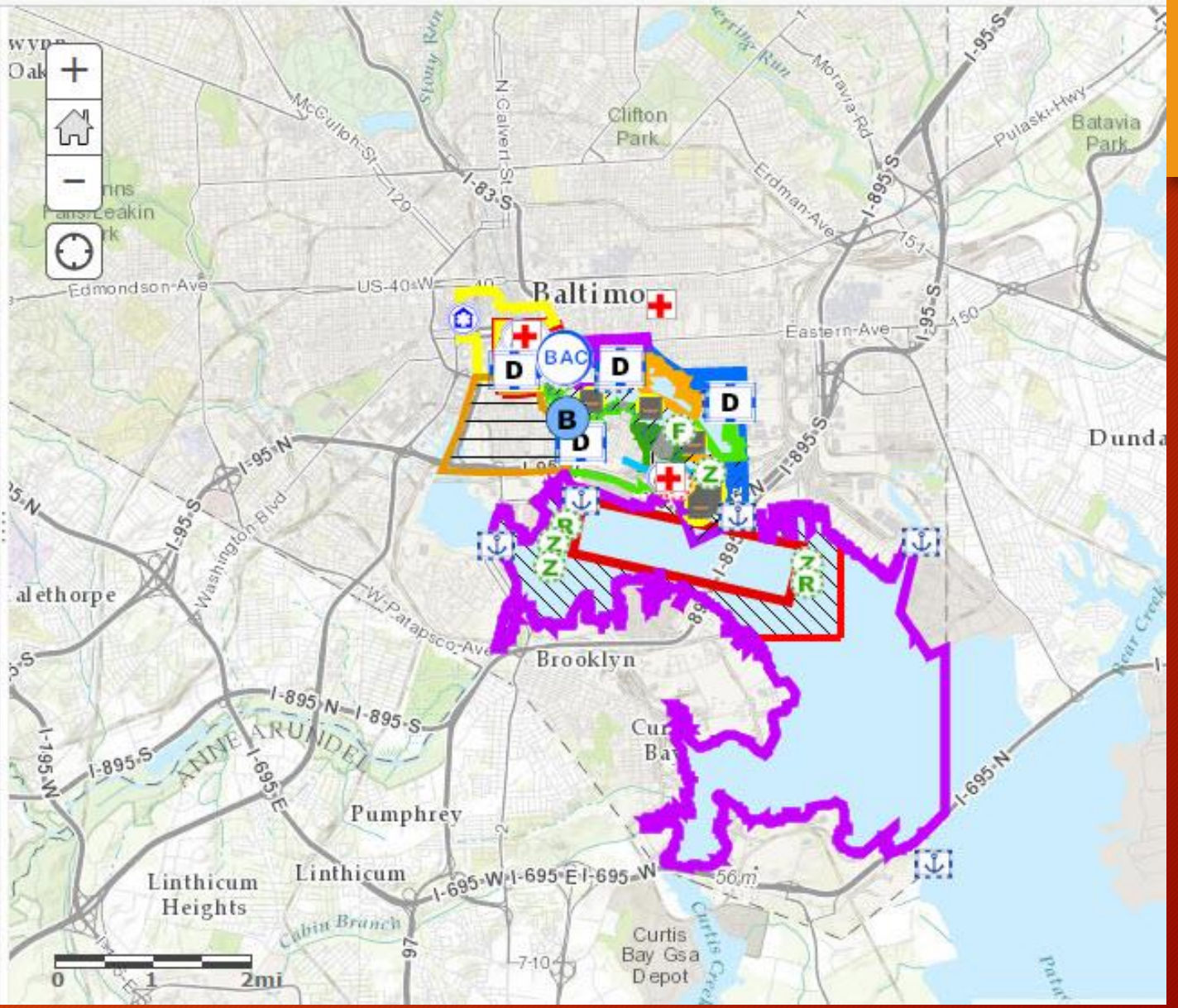
HOME SSS_AllLayers

Details | Add | Edit | Basemap | Save | Share | Print | Directions | Measure | Bookmarks

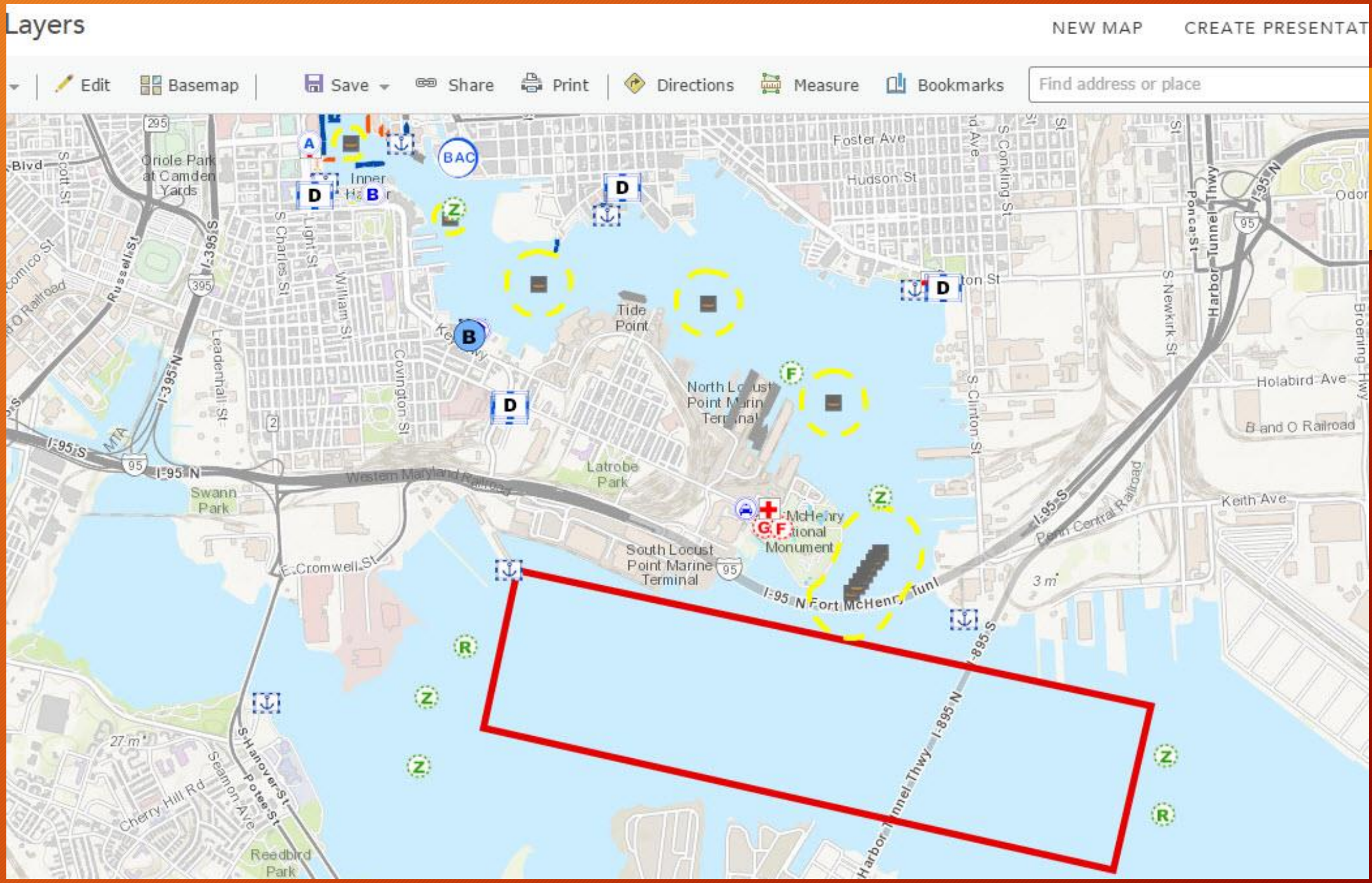
About | Content | Legend

Contents

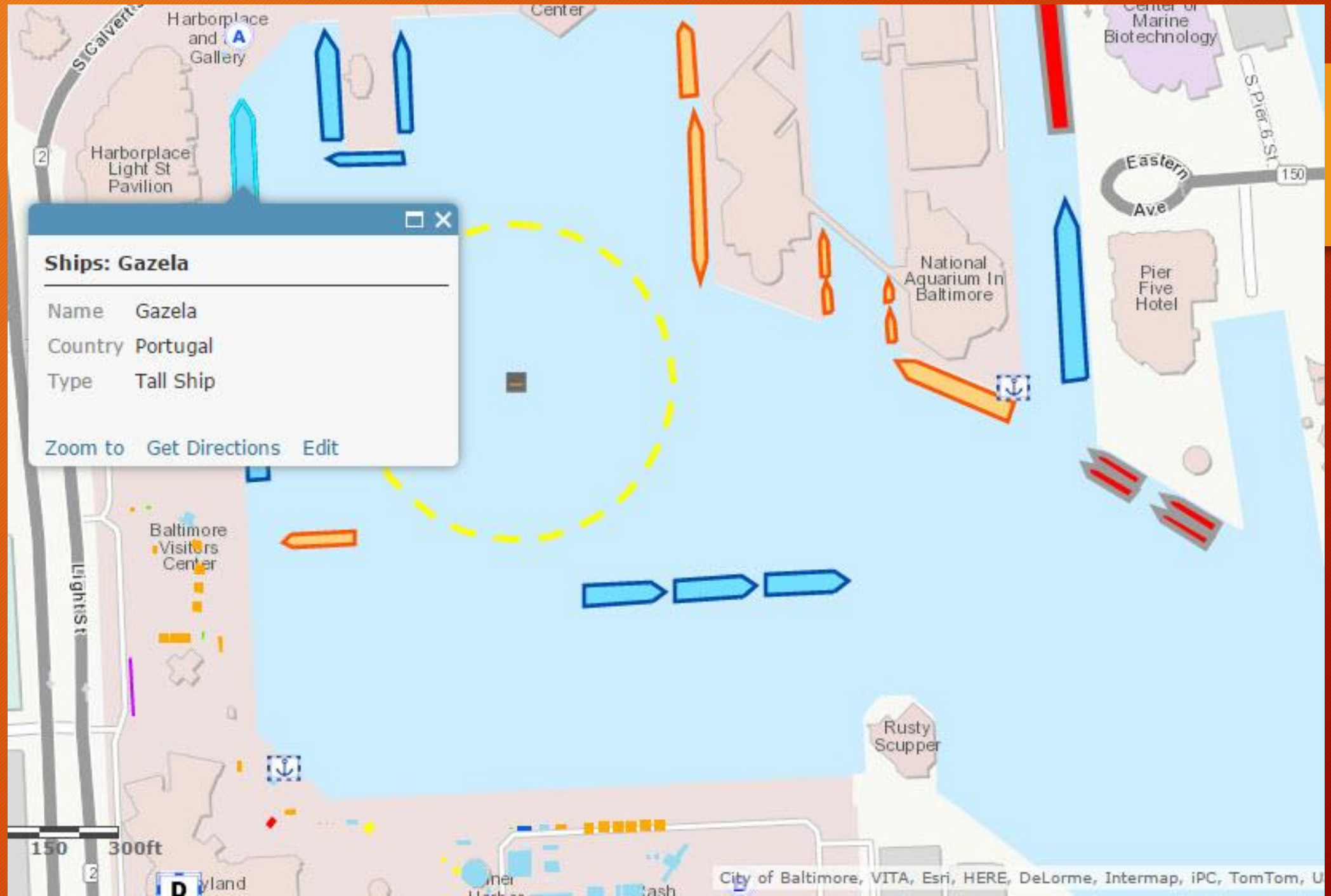
- SSS Units - SSS Command
- SSS Units - SSS EMSUnits
- SSS Units - SSS Supp
- SSS Units - SSS Boats
- SSS Units - SSS Police
- SSS Units - SSS CityAgency
- SSS Units - SSS NonCity
- SSS Water - MarineRendezvousLocations
- SSS FireWorks - Barges FireWorks
- SSS FireWorks - FireWorksBuffers
- SSS Land - Ships
- SSS FireWorks - HarborFireWorksZones
- SSS Water - SSS FlightBox
- SSS Land - SSS Area Layout and Buildings
- SSS Land - SSS FireDispatch
- SSS Land - City Operational

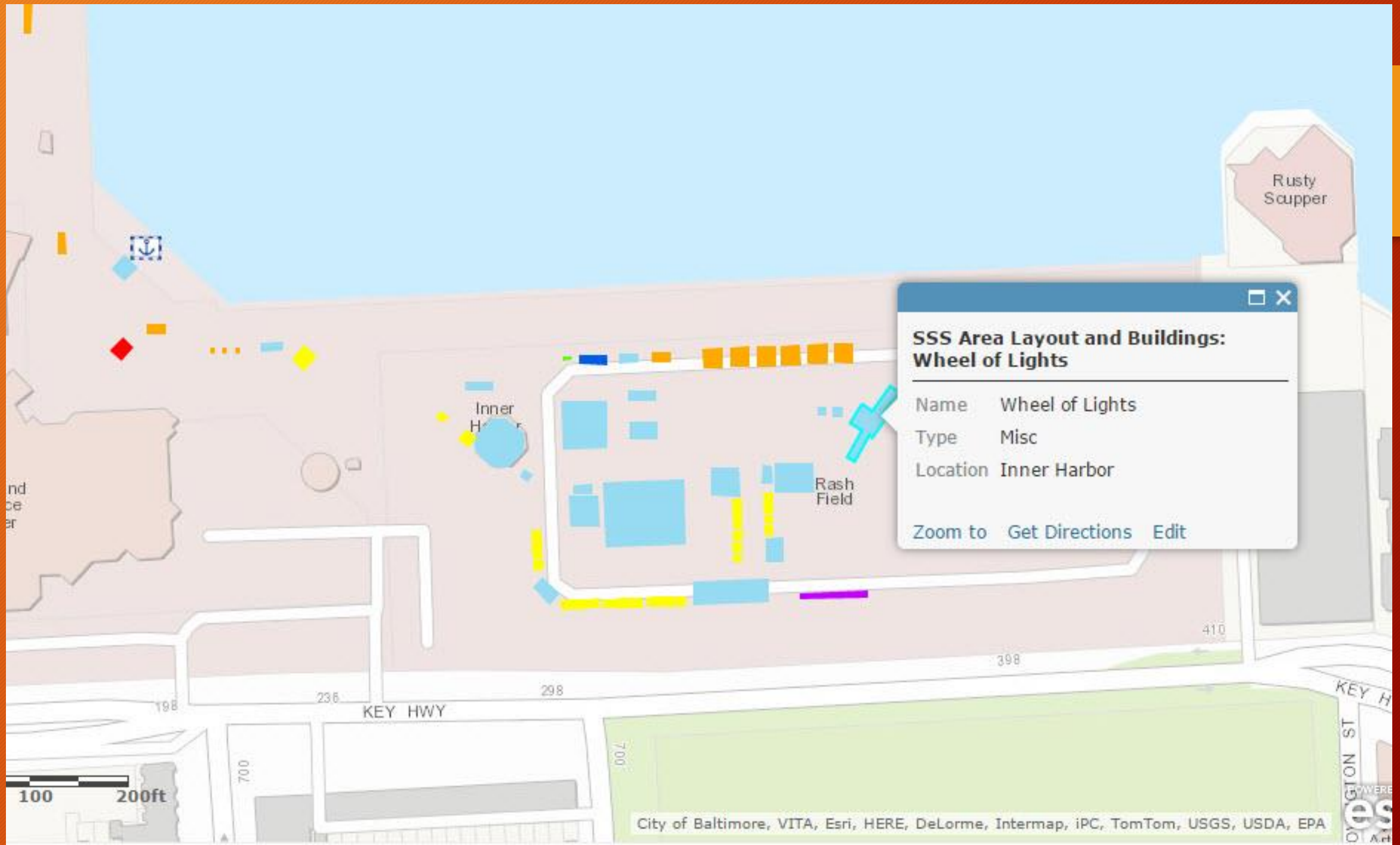


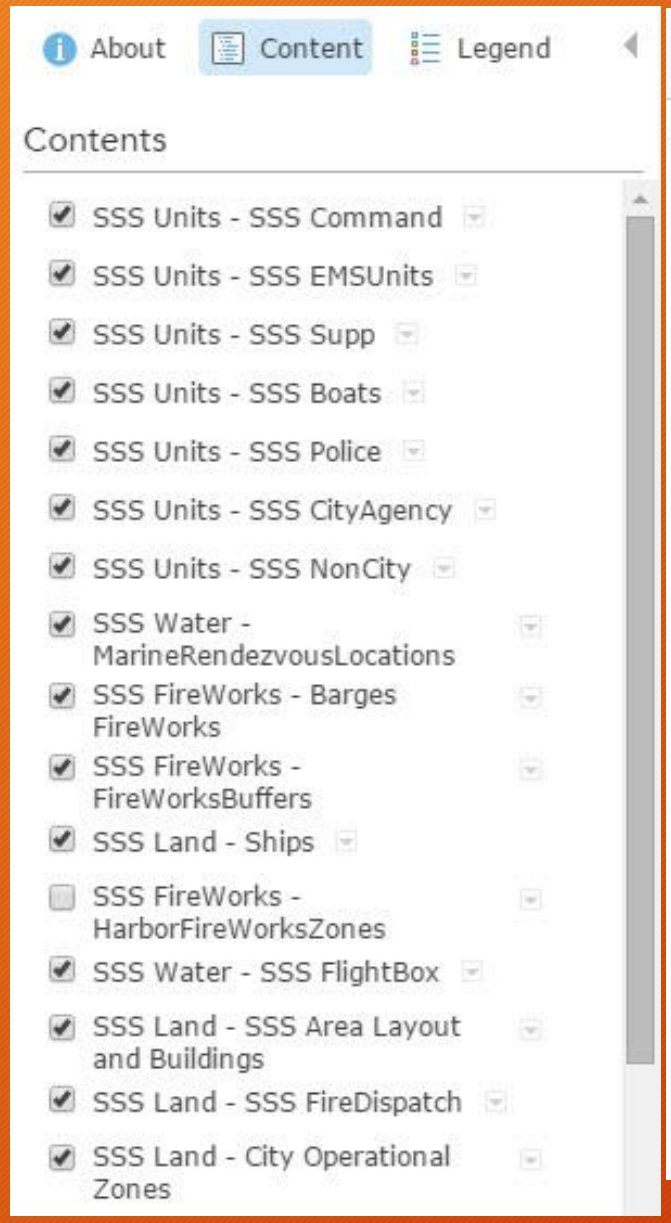
Esri.com . ArcGIS Marketplace . Help . Terms of Use .

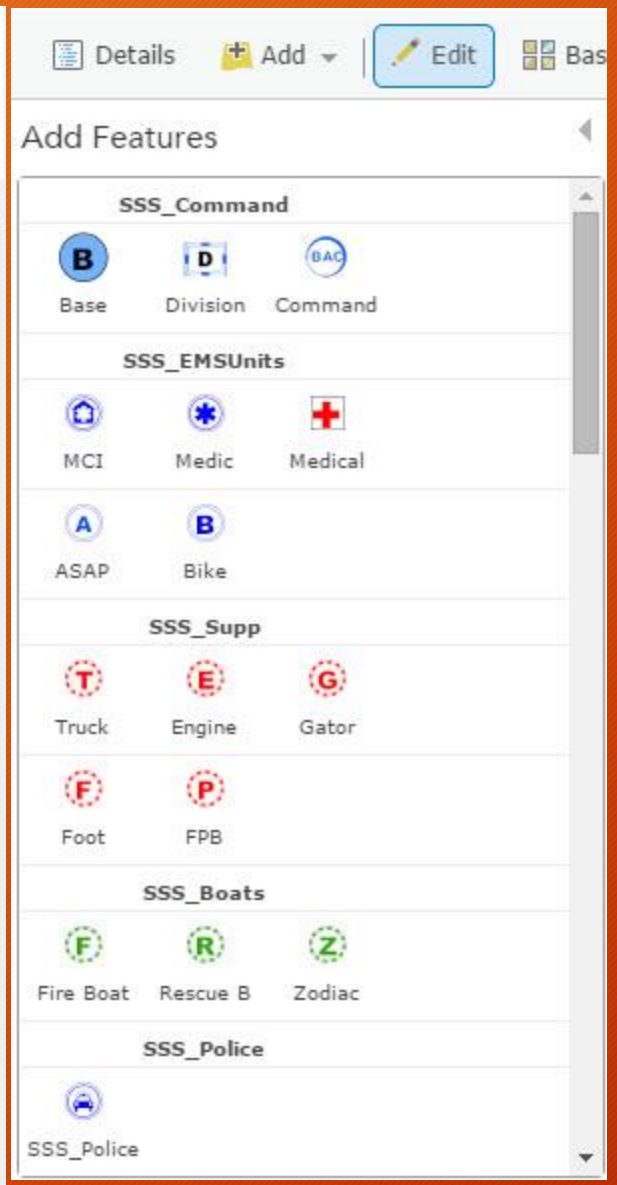

Layers
NEW MAP
CREATE PRESENTAT
Edit
Basemap
Save
Share
Print
Directions
Measure
Bookmarks
Find address or place
Oriole Park at Camden Yards
Inner Harbor
Foster Ave
Hudson St
Tide Point
North Locust Point Marine Terminal
Latrobe Park
Swann Park
Western Maryland Railway
McHenry National Monument
South Locust Point Marine Terminal
E Cromwell St
Fort McHenry Tunl
I-95 N
I-95 S
I-395 N
I-395 S
I-895 S
Harbor Tunnel Thwy
Penn Central Railroad
B and O Railroad
Holabird Ave
Keith Ave
Cherry Hill Rd
Seamon Ave
S Hanover St
Potee St
Reedbird Park
27 m
3 m

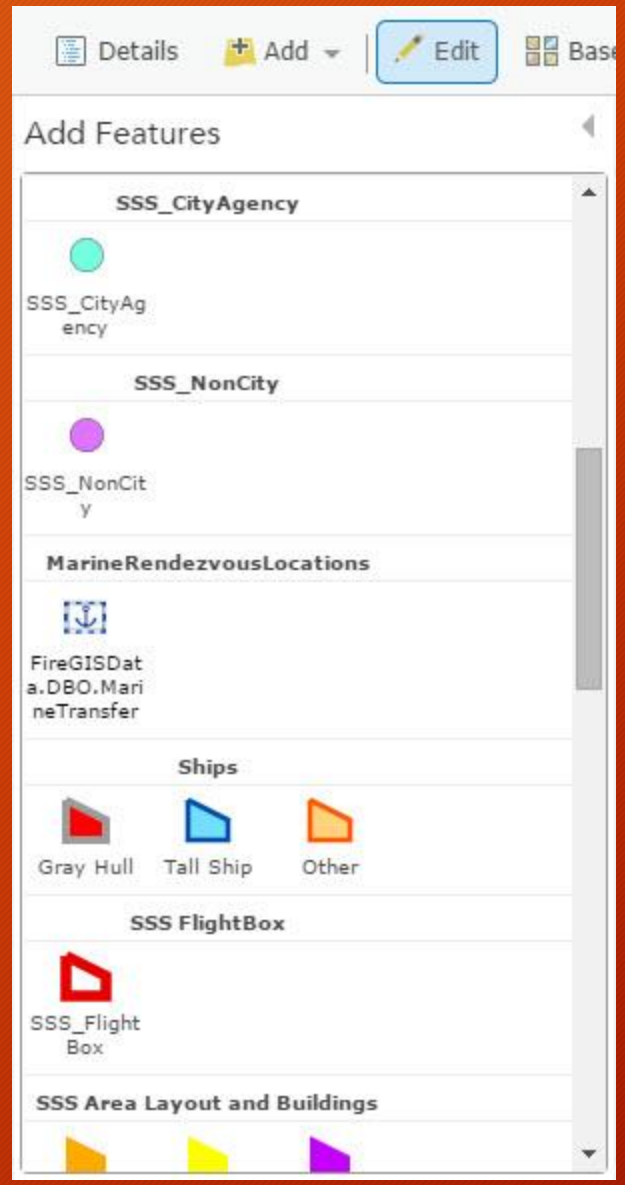
Harborplace and Gallery
Harborplace Light St Pavilion
Center
Center of Marine Biotechnology
S Pier 6 St
Eastern Ave
150
National Aquarium In Baltimore
Pier Five Hotel
Pier S Pavili
Baltimore Visitors Center
Light St
Rusty Scupper
300ft
City of Baltimore, VITA, Esri, HERE, DeLorme, Intermap, iPC, TomTom, USGS,

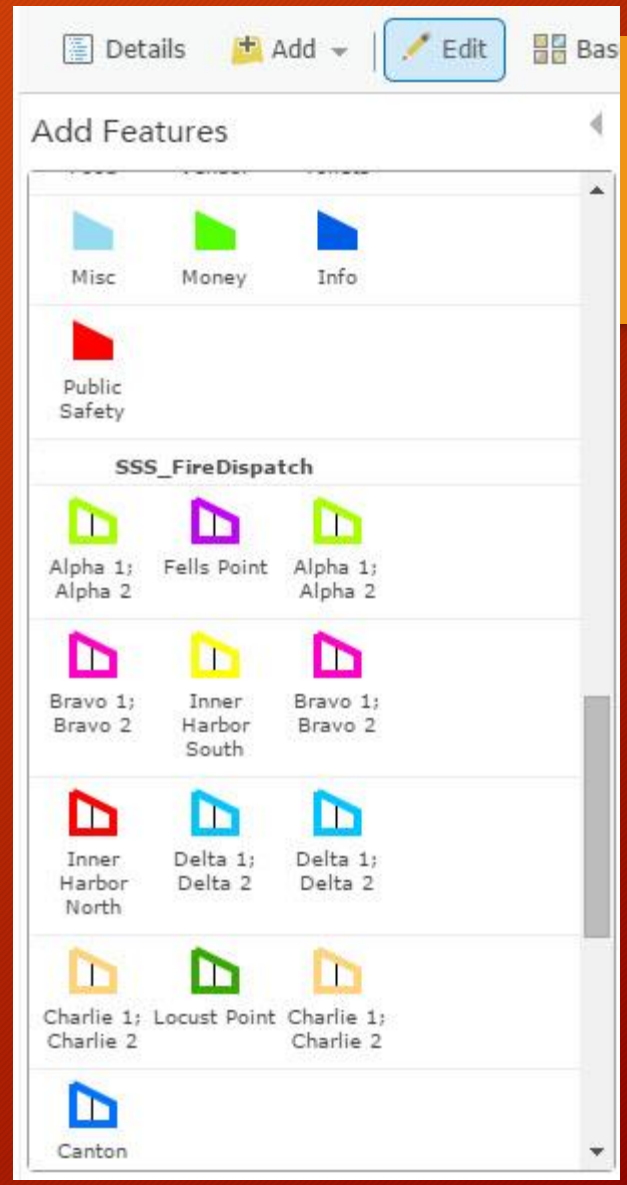

Harborplace and Gallery
Harborplace Light St Pavilion
Ships: Gazela
Name Gazela
Country Portugal
Type Tall Ship
Zoom to
Get Directions
Edit
National Aquarium In Baltimore
Pier Five Hotel
Eastern Ave
Baltimore Visitors Center
Rusty Scupper
150
300ft
City of Baltimore, VITA, Esri, HERE, DeLorme, Intermap, iPC, TomTom,


Rusty Scupper
SSS Area Layout and Buildings: Wheel of Lights
Name Wheel of Lights
Type Misc
Location Inner Harbor
Zoom to
Get Directions
Edit
Rash Field
KEY HWY
198
236
298
398
410
700
100
200ft
City of Baltimore, VITA, Esri, HERE, DeLorme, Intermap, iPC, TomTom, USGS, USDA, EPA


About
Content
Legend
Contents
SSS Units - SSS Command
SSS Units - SSS EMSUnits
SSS Units - SSS Supp
SSS Units - SSS Boats
SSS Units - SSS Police
SSS Units - SSS CityAgency
SSS Units - SSS NonCity
SSS Water - MarineRendezvousLocations
SSS FireWorks - Barges FireWorks
SSS FireWorks - FireWorksBuffers
SSS Land - Ships
SSS FireWorks - HarborFireWorksZones
SSS Water - SSS FlightBox
SSS Land - SSS Area Layout and Buildings
SSS Land - SSS FireDispatch
SSS Land - City Operational Zones


Details
Add
Edit
Add Features
SSS_Command
Base
Division
Command
SSS_EMSUnits
MCI
Medic
Medical
ASAP
Bike
SSS_Supp
Truck
Engine
Gator
Foot
FPB
SSS_Boats
Fire Boat
Rescue B
Zodiac
SSS_Police
SSS_Police


Details
Add
Edit
Add Features
SSS_CityAgency
SSS_CityAgency
SSS_NonCity
SSS_NonCity
MarineRendezvousLocations
FireGISData.DBO.MarineTransfer
Ships
Gray Hull
Tall Ship
Other
SSS FlightBox
SSS_FlightBox
SSS Area Layout and Buildings


Details
Add
Edit
Add Features
Misc
Money
Info
Public Safety
SSS_FireDispatch
Alpha 1; Alpha 2
Fells Point
Alpha 1; Alpha 2
Bravo 1; Bravo 2
Inner Harbor South
Bravo 1; Bravo 2
Inner Harbor North
Delta 1; Delta 2
Delta 1; Delta 2
Charlie 1; Charlie 2
Locust Point
Charlie 1; Charlie 2
Canton

GeoEvent Processor

- Real-Time Data
- Automatic Vehicle Locator (AVL)
- Fire Apparatus and Active Calls

ArcGIS GeoEvent Processor Manager

Monitor | Inputs | GeoEvent Services | Outputs

Outputs

file-json-outtest
Connector: Write to a .json file
Status: Started

file-out-laptops
Connector: Write to a .csv file
Status: Started

fs-out-add-firetruck-trail
Connector: Add a feature
Status: Started

fs-out-add-firetrucks
Connector: Add a feature
Status: Started

fs-out-update-truck-label
Connector: Update a Feature
Status: Started

1

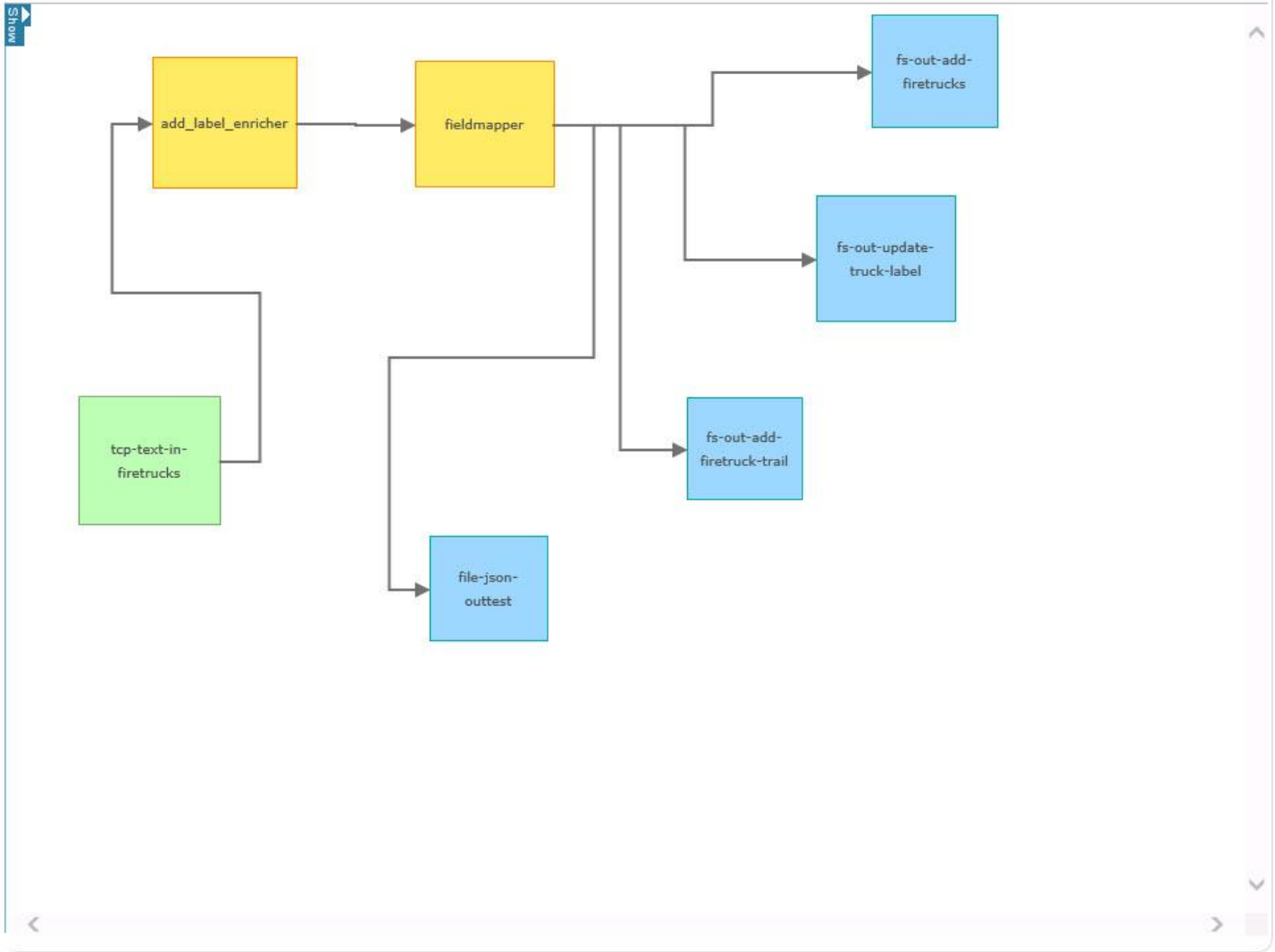
ArcGIS GeoEvent Processor Manager

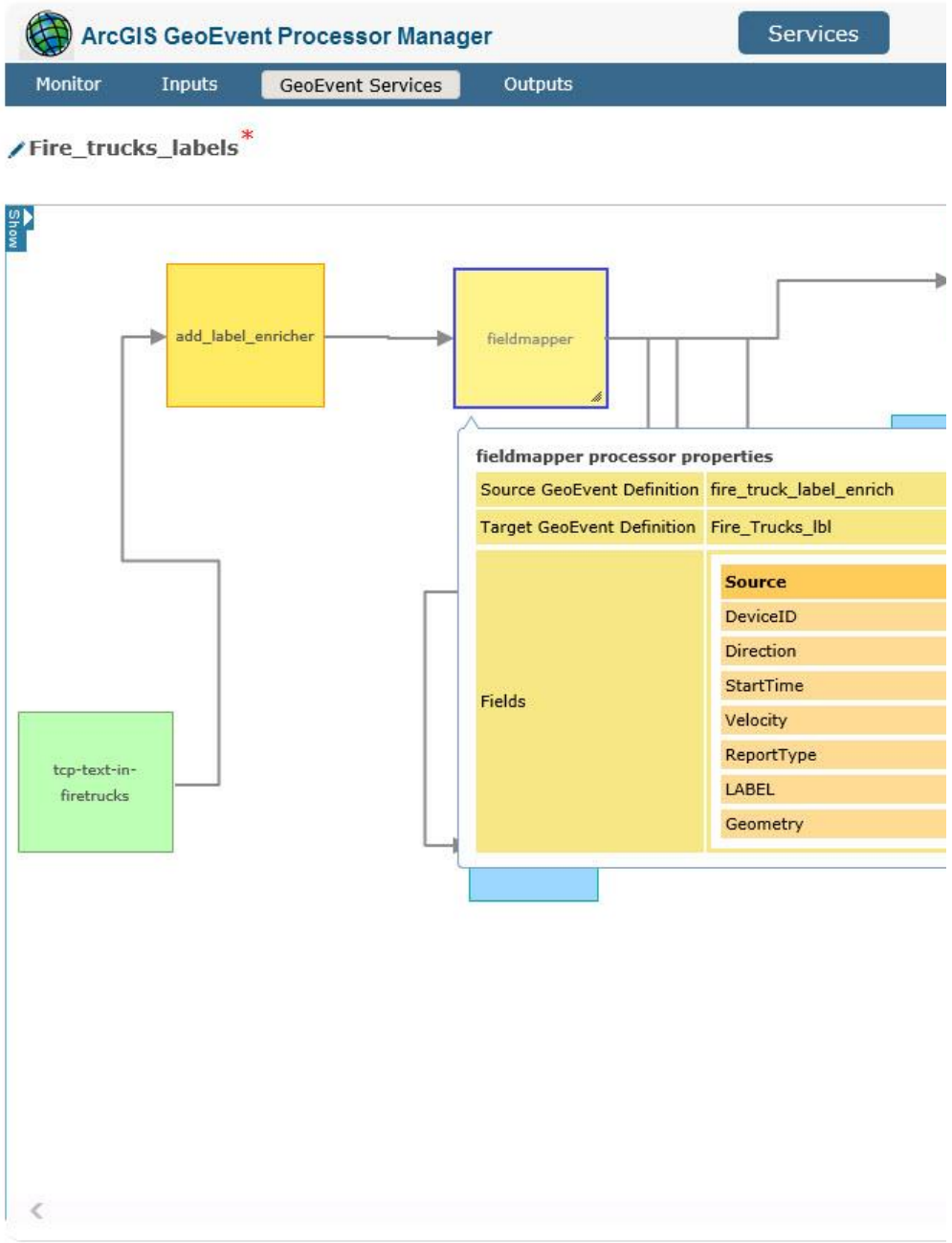
Services | Site | Security | Logs

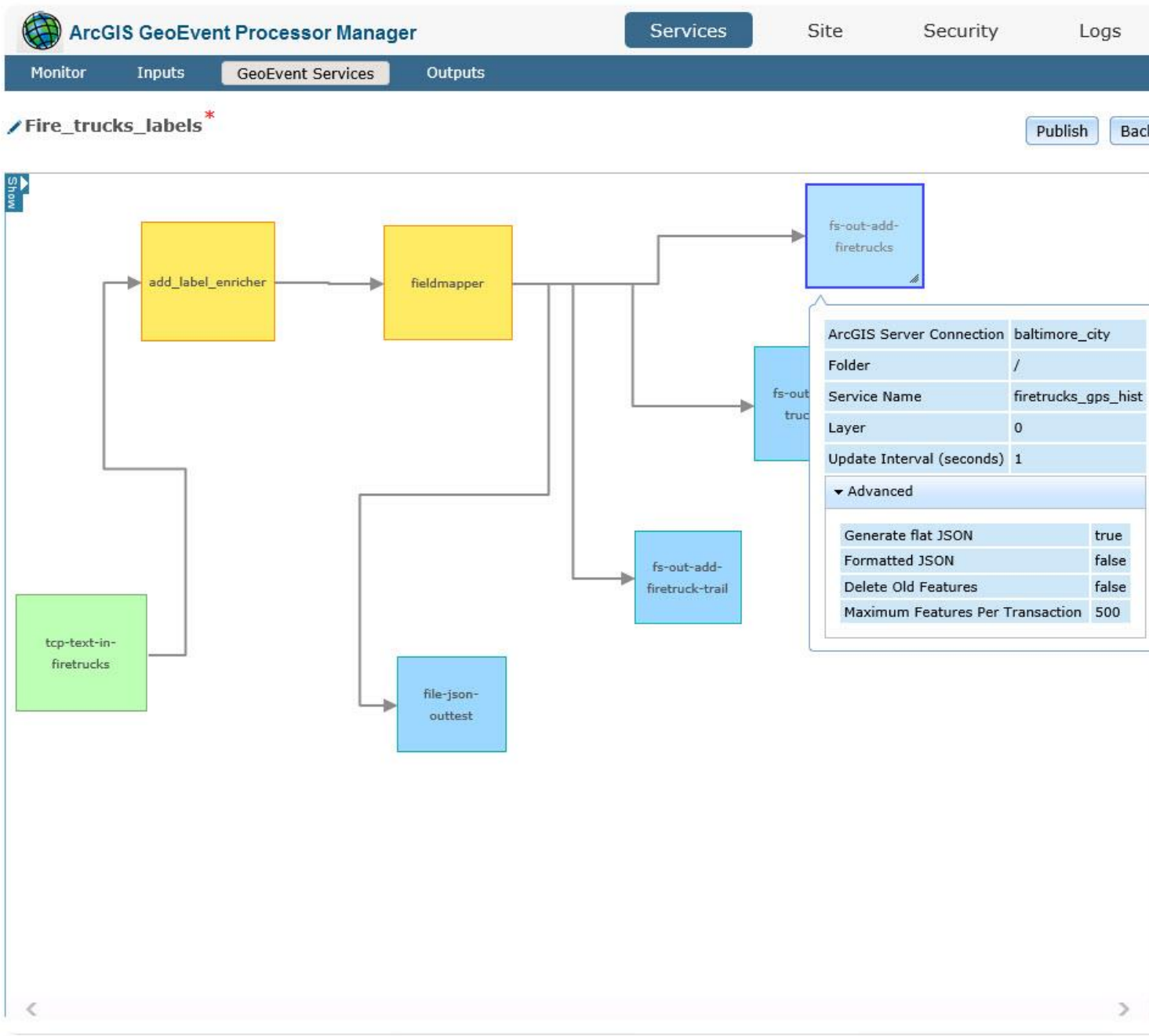
Monitor | Inputs | GeoEvent Services | Outputs

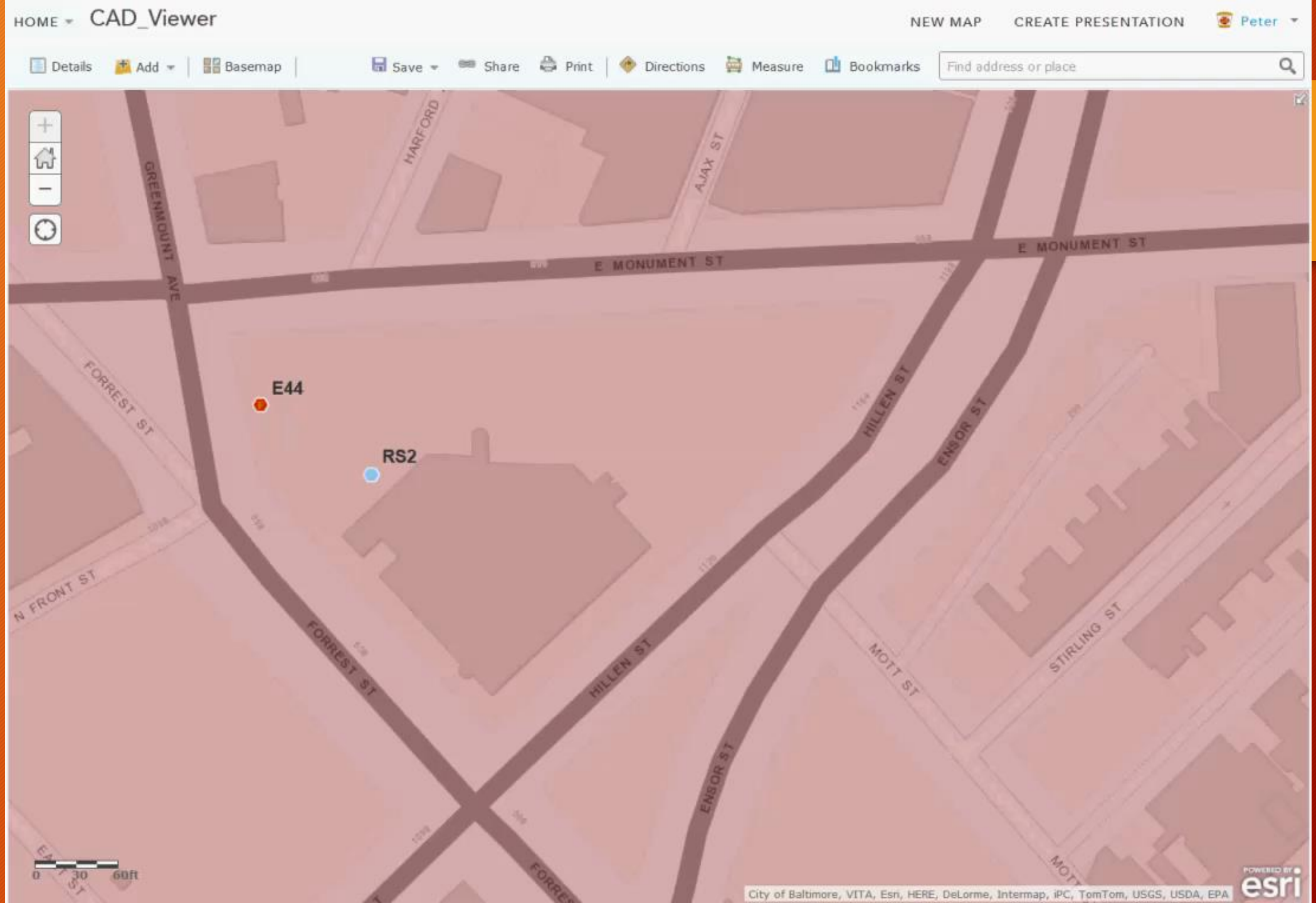
Fire_trucks_labels

Publish | Back



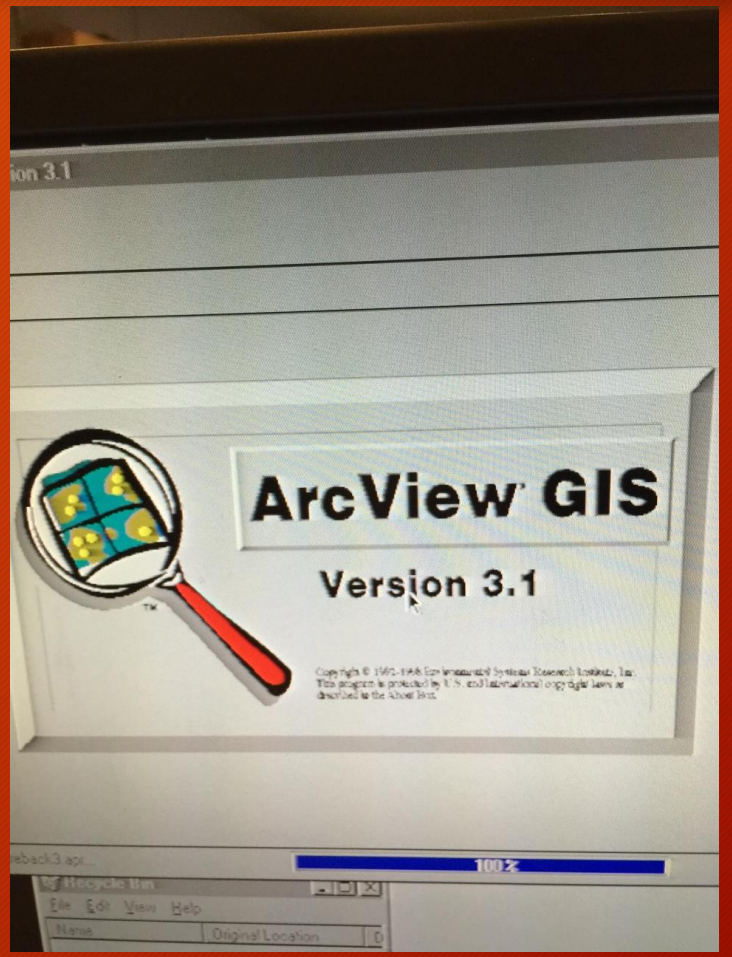

ArcGIS GeoEvent Processor Manager
Services
Monitor
Inputs
GeoEvent Services
Outputs
Fire_trucks_labels *
Show
add_label_enricher
fieldmapper
tcp-text-in-firetrucks
fieldmapper processor properties
Source GeoEvent Definition
fire_truck_label_enrich
Target GeoEvent Definition
Fire_Trucks_lbl
Fields
Source
DeviceID
Direction
StartTime
Velocity
ReportType
LABEL
Geometry


Help | Sign Out
ArcGIS GeoEvent Processor Manager
Services
Site
Security
Logs
Monitor
Inputs
GeoEvent Services
Outputs
Fire_trucks_labels *
Publish
Back
Show
add_label_enricher
fieldmapper
fs-out-add-firetrucks
fs-out-add-firetruck-trail
file-json-outtest
tcp-text-in-firetrucks
ArcGIS Server Connection
baltimore_city
Folder
/
Service Name
firetrucks_gps_hist
Layer
0
Update Interval (seconds)
1
Advanced
Generate flat JSON
true
Formatted JSON
false
Delete Old Features
false
Maximum Features Per Transaction
500


HOME
CAD_Viewer
NEW MAP
CREATE PRESENTATION
Peter
Details
Add
Basemap
Save
Share
Print
Directions
Measure
Bookmarks
Find address or place
GREENMOUNT AVE
HARFORD
AJAX ST
E MONUMENT ST
E MONUMENT ST
FORREST ST
E44
RS2
HILLEN ST
ENSOR ST
N FRONT ST
FORREST ST
HILLEN ST
ENSOR ST
MOTT ST
STIRLING ST
0 30 60ft
City of Baltimore, VITA, Esri, HERE, DeLorme, Intermap, iPC, TomTom, USGS, USDA, EPA
esri

Future

- Good Feedback
- Lack of Support
- Lack of Knowledge



Questions

Peter Hanna

Peter.hanna@baltimorecity.gov