



This Briefing is Classified
UNCLASSIFIED

Using HSWG Icons in YOUR COP

Current as of:
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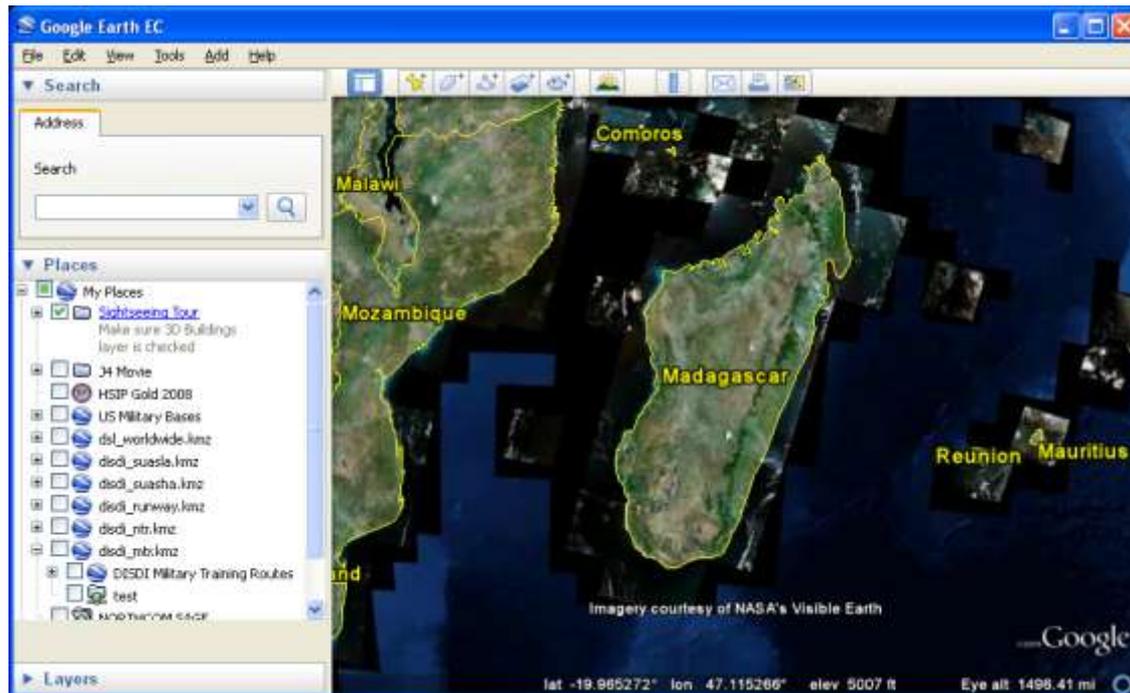
Why should I use HSWG Icons?

- 1. HSWG symbology is the de facto standard for Homeland Security/Homeland Defense representation of incidents and infrastructure within the NORTHCOM AOR. All Federal Agencies and DoD units should use HSWG.**
- 2. It provides a common framework for sharing your command's operational picture and reduces de-confliction of objects on a map or COP**
- 3. We colored the S3 through S4 icons for Operations and Infrastructure. They're awesome now.**



How to add the icons to your COP

1. In this scenario, an animal feedlot has been poisoned during a thunderstorm and a command center has just been stood up. In Madagascar. Using the HSWG icons, we can depict all of this!
2. Here we are in Madagascar:





Adding HSWG icons (cont)

3. Lets add a pushpin for our animal feedlot:

The screenshot shows the Google Earth EC interface with a satellite view of a region. A yellow pushpin is placed on the map, and the 'Edit Placemark' dialog box is open. The dialog box contains the following information:

- Name:** Jim's Big Llama Farm
- Latitude:** -15.553888°
- Longitude:** 49.908641°
- Description:**
 - 1/29/11-0900-Report of animal poisoning.
 - 1/29/11-0920-Open source reporting states that this feedlot is responsible for 70% of food source for Madagascar farms.

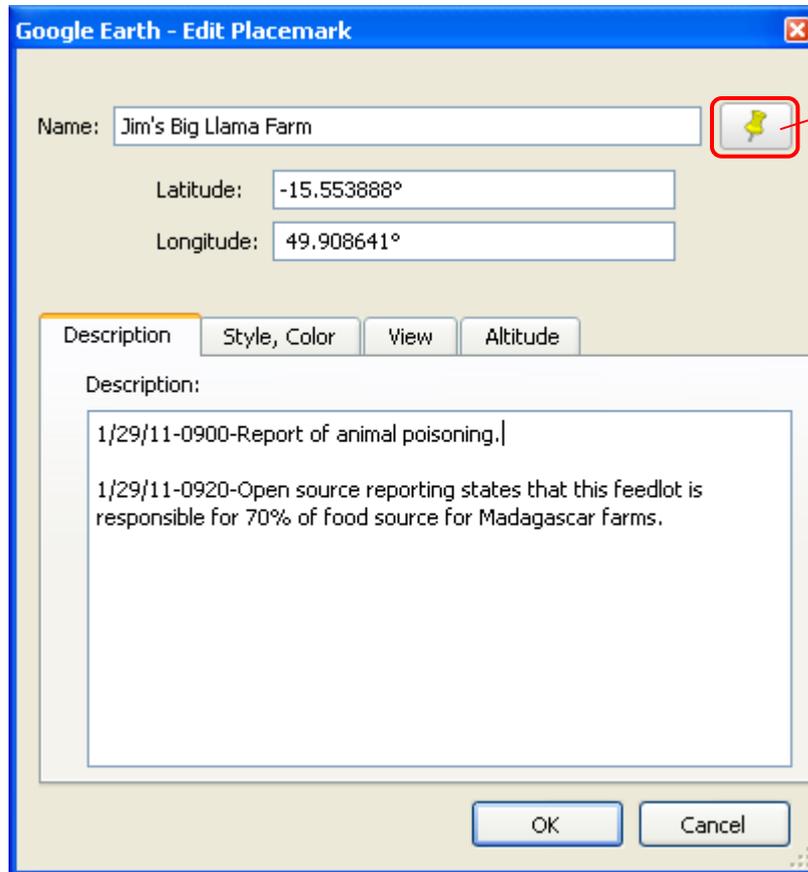
Four numbered callout boxes provide instructions:

1. Click to add a pushpin on the map (points to the pushpin icon in the toolbar)
2. Move your pin to the correct position (points to the pushpin on the map)
3. Change the pushpin name for your object (points to the Name field)
4. Add attribute data if needed. Tell the story of the incident here. (points to the Description text area)



Adding HSWG icons (cont)

4. Change the icon from a pushpin to a animal feedlot:



The screenshot shows the "Google Earth - Edit Placemark" dialog box. The "Name" field contains "Jim's Big Llama Farm". The "Latitude" field contains "-15.553888°" and the "Longitude" field contains "49.908641°". Below these fields are tabs for "Description", "Style, Color", "View", and "Altitude". The "Description" tab is selected, showing a text area with the following text: "1/29/11-0900-Report of animal poisoning." and "1/29/11-0920-Open source reporting states that this feedlot is responsible for 70% of food source for Madagascar farms." At the bottom are "OK" and "Cancel" buttons. A red box highlights the pushpin icon in the top right corner of the dialog box.

Click to change icon



Adding HSWG icons (cont)

6. Go to the <https://sageearth.northcom.mil> homepage and click the “HSWG Icon Library” button:

A screenshot of a web browser displaying the USNORTHCOM SAGE Earth homepage. The browser window title is "USNORTHCOM SAGE Earth - Mozilla Firefox". The address bar shows "https://sageearth.northcom.mil". The page content includes several columns of information: "Public Access GoogleEarth Data" (Can share and view with anyone. No restrictions), "Federal Access GoogleEarth Data" (Must have SAGE account to view. Limited access data), "SAGE Flex" (Our 2D webmap is under construction but you can check out the demo map while we're working!), "SAGE Crowdsource GoogleEarth Data" (Data provided by you! A secure spot to distribute your data.), and "SAGE accounts are made here." (Only .gov, .mil, .gc.ca addresses allowed. Access gets you all of SAGE.). At the bottom, there is a "Reset Password Here" button and a "HSWG Icon Library" button, which is highlighted with a red box. A yellow callout box with the text "Click here" points to the "HSWG Icon Library" button. Below the buttons, there is a note: "If you are accessing SAGE from a Non-DoD computer, you must install the DoD Root Certificates available [link]". At the bottom of the page, there are social media icons for Twitter, Facebook, RSS, and Google+, and a footer with contact information: "U.S. Northern Command • 250 Vandenberg St., Suite 9-122, Peterson Air Force Base, CO 809 14-3906 • US NORTHCOM Web Policy and Info."

Click here



Adding HSWG icons (cont)

7. By default, the Operations Icons are shown, select the Infrastructure link:

NORAD USNORTHCOM - SAGE Earth

HSWG Symbols/Icons: [Incidents](#) [Natural Events](#) [Operations](#) [Infrastructure](#)

Operations Symbology Reference

To use an icon in GoogleEarth:

Firefox: Right click an icon and select "Copy Image Location" to save the URL for the icon.

Internet Explorer: Right click an icon and choose "Properties" then select and copy the "Address(URL)".

Symbol Types	Symbol Image	Key Stroke	Symbol Terms and Definitions
Emergency Medical Operation (Theme)		A	<i>Emergency Medical Operation (Theme)</i> - Urgent and unexpected medical treatment and/or transport during serious situations which require demands of immediate action. (Source: www.dictionary.com, The American Heritage® Dictionary of the English Language, Fourth Edition. Hybrid definition of "emergency" and "medical".)
EMT Station Locations (Emergency MedicalFeature)		B	<i>EMT Station Locations (Emergency Medical)</i> - The locus of an emergency medical team.
Ambulance (Emergency MedicalFeature)		C	<i>Ambulance (Emergency Medical)</i> - A vehicle for taking sick or wounded people to and from a hospital.
Medical Evacuation Helicopter Station (Emergency MedicalFeature)		D	<i>Medical Evacuation Helicopter Station (Emergency Medical)</i> - The locus of an emergency helicopter landing pad, utilized to transport severely injured persons.
Health Department Facility (Emergency MedicalFeature)		E	<i>Health Department Facility (Emergency Medical)</i> - The locus of a facility operated by a public institution which is dedicated to promotion of health and prevention of disease at the community, country, state, or national level. (Source: based on the APHA public health mission description).
Hospital (Emergency)		F	<i>Hospital (Emergency Medical)</i> - The locus of an institution where the sick or injured are given medical or surgical care.

Click here



Adding HSWG icons (cont)

8. The 3rd item down is the Animal Feedlots, right click on the red icon (S4, as its in danger) and copy the image URL:

Internet Explorer: 1.
Right click and choose Properties

Firefox: Right click and choose Copy Image Location

Internet Explorer: 2.
Then select and copy the Address:URL

Properties

General

Agri_Animal_Feedlots_S4.png

Protocol: HyperText Transfer Protocol with Privacy

Type: Not Available

Address: (URL) https://sageearth.northcom.mil/hswgicons/PNG_Infrastuctures_S4/Agri_Animal_Feedlots_S4.png

Size: Not Available

Dimensions: 51 x 39 pixels

Created: Not Available

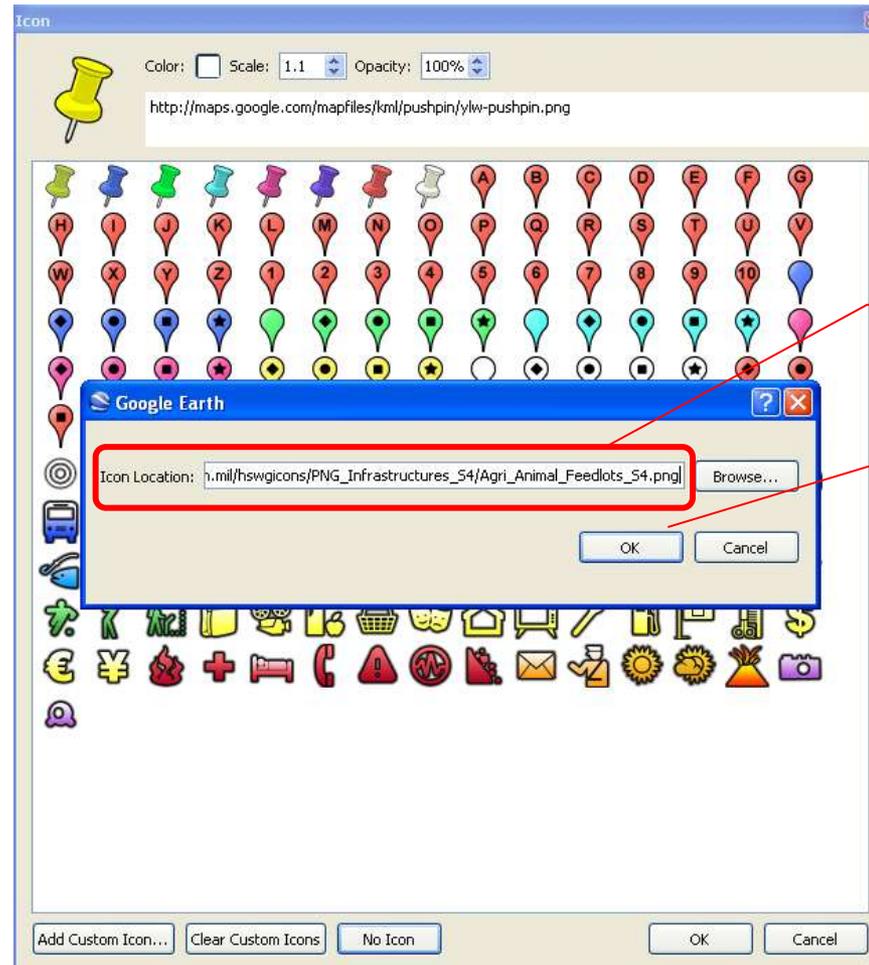
Modified: Not Available

OK Cancel Apply



Adding HSWG icons (cont)

9. Go back to the icon window and paste (or Ctrl-V) the icon URL into the Icon Location window:



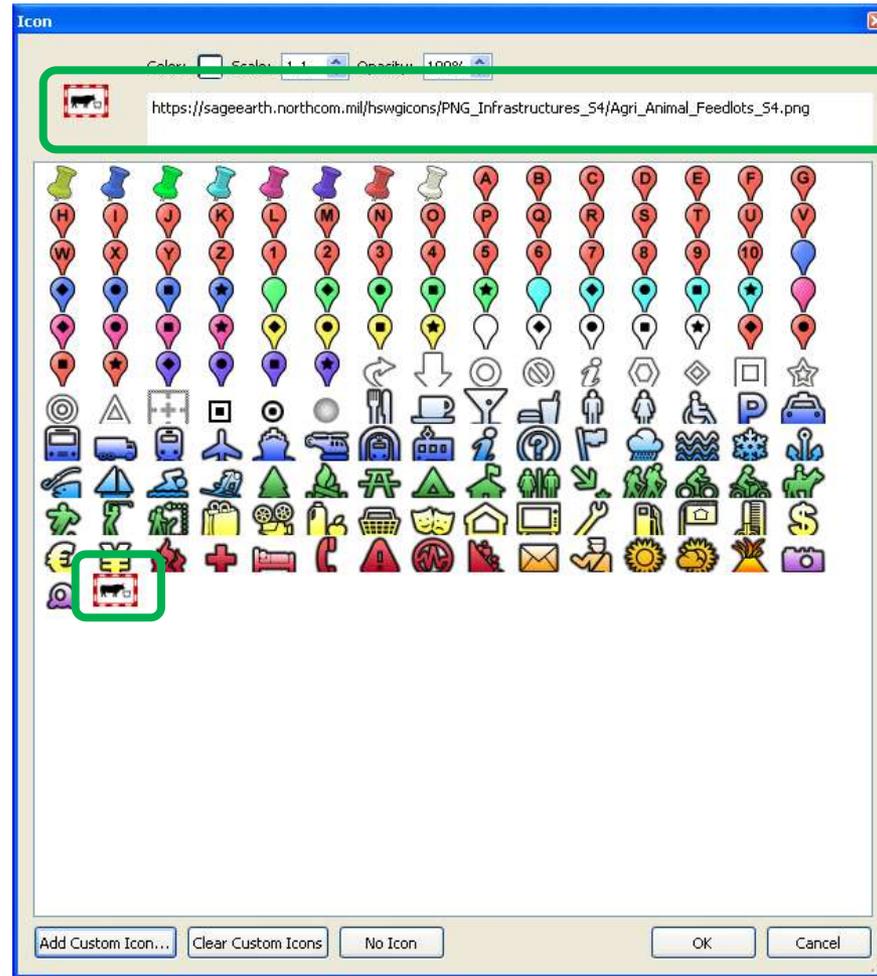
1. Paste the URL here

2. Then click OK



Adding HSWG icons (cont)

10. The “Animal Feedlot S4” icon is now in your GoogleEarth icon library. Click OK to use it:





Adding HSWG icons (cont)

11. You can now use the entire HSWG icon library for any of your HLD/HLS needs within GoogleEarth!

