U.S. National Grid (USNG) Mobile App
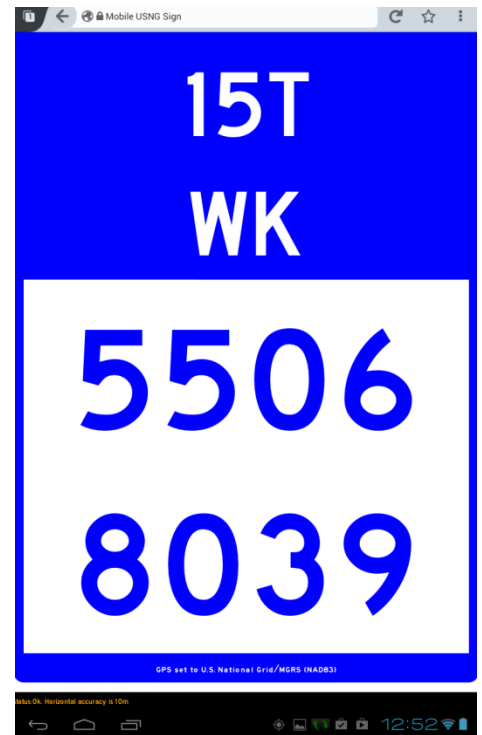

USNG Mobile App

In support of the USNG Emergency Location Marker (ELM) system, **usngcenter.org** and **usngstore.com** offer a *FREE* browser-based application that uses the GPS chip of recent model smart phones and hand-held computers (models since approximately 2011) to generate a USNG position display. Because the program is browser based, it can be used with *ANY* operating system.*

Provided the URL has been saved in the mobile platform's browser, the display will operate dynamically and does not require an Internet connection. As shown in the graphic (right), the generated location display will closely mimic the appearance of an USNG ELM. And, so long as the mobile platform's browser is left open, the location display will be continuously updated, just as would be the case with a GPS unit.

To download and use the application, use the following steps.

1. Ensure the GPS feature of your smart phone or hand-held is turned "On" (refer to your user manual as needed).

2. Ensure your smart phone or hand-held is "allowed" to see the location information provided by the GPS feature (refer to your user manual as needed).

3. Enter the app URL in the browser of your mobile platform: **usngapp.org**

4. When that page opens, save it as a "favorite" in your browser.

5. The ability of the GPS chip to accurately determine location can be determined one of two ways – by the number of large digits displayed in the white space of the display (see table at right), and by an orange colored "Status" accuracy readout in the lower left-hand corner of the display.

6. As long as you do not turn off your browser, you can turn off your hand-held and the USNG location application will be always available when the device is turned back on by clicking the appropriate "favorite" link, whether or not there is Internet connectivity.

7. Should your browser get turned off, simply "hitting" the **usngapp.org** URL again when you have Internet connectivity will refresh the application and once again generate an USNG location display on your hand-held device.

usngapp.org

Example Display

USNG "Easting/Northing" Accuracy	
Number of Digits	**Accuracy**
8 digits	10 meter
6 digits	100 meter
4 digits	1,000 meter
2 digits	10,000 meter

* Note: Some older versions of iOS may have font resize issues when the device is switched between horizontal and vertical orientation.

The U.S. National Grid provides a nationally consistent language of location that has been optimized for local applications.

Learn more:
usngcenter.org

Buy Products:
usngstore.com