AV Assistant for USCG / Auxiliary
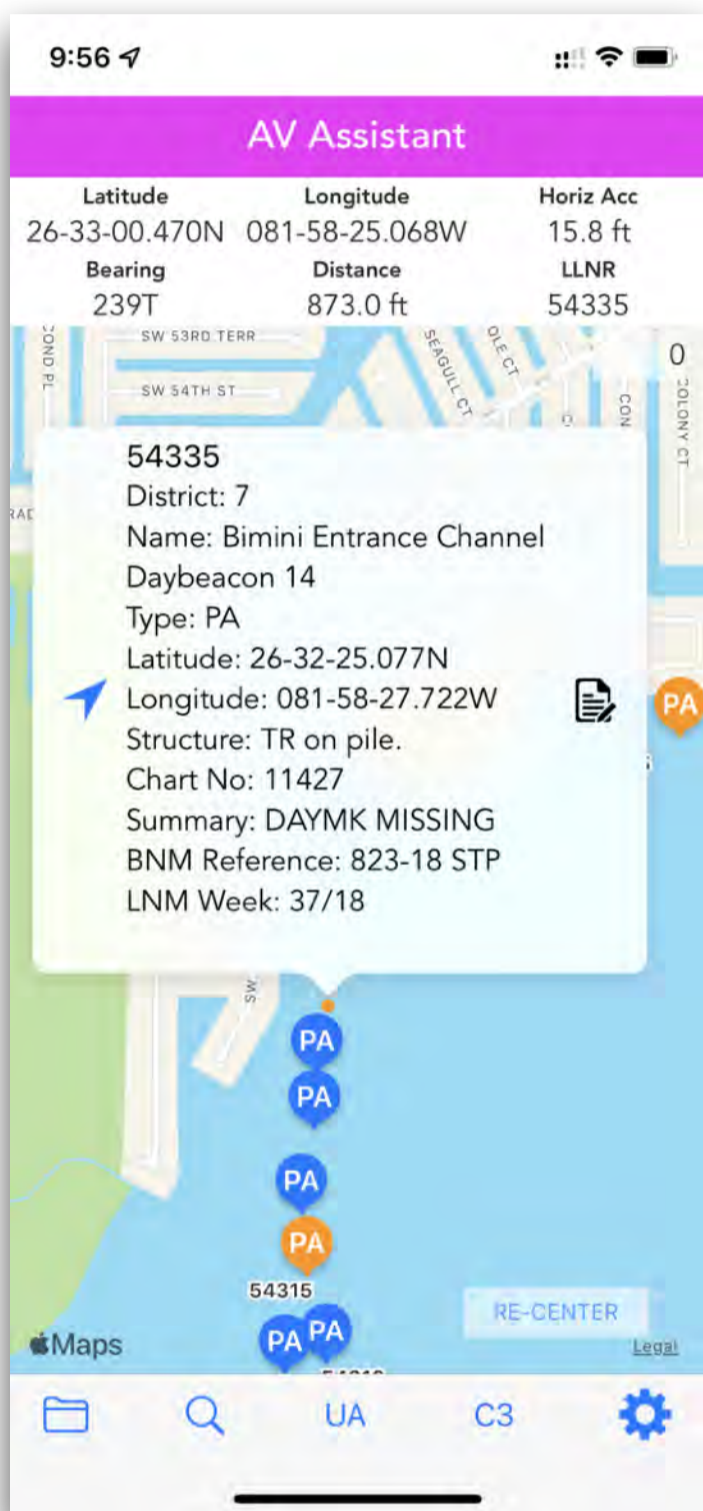
AV Assistant is an app expressly designed for reporting verifications and discrepancies of Aids to Navigation (ATON), particularly private aids known as PATONs. In the past, it took an array of tools to report aids, including a GPS unit, camera, notepad, and printed copies of the Light List (LL) and Local Notices to Mariners (LNM). Manual errors would creep in through observation, recording, and post-processing.

Today's smartphones and tablets have the computing power of supercomputers just twenty years ago. Moreover, nearly all come with GPS, cameras, and Internet connectivity built-in, providing all the tools needed for an app to report on aids.

AV Assistant:

- downloads the entire District Light List and Local Notices to Mariners weekly
- tracks your location with internal or external GPS
- shows all lights surrounding your location
- one tap on an aid displays current LL data and LNM corrections on that aid
- one tap provides the bearing and distance from your location to the aid
- one tap starts a 7054 report on the aid with many fields auto-filled
- photos are tagged with data and included in the 7054 PDF
- automatically detects when an aid might not be on its Assigned Position (AP)
- eliminates most manual errors
- most verifications can be done in one minute
- most discrepancies can be done in 2-3 minutes

For more information, see:
(this link is intended for USCG and Auxiliary use only)

atons.us/uscgaux