**R8 Discrepancy Report**

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AV Assistant Video


Hello, I'm Clint O'Connor, the developer of AV Assistant for Coast Guard Auxiliary aids verification and discrepancy reporting.

In this video, I'm reporting a discrepancy using AV Assistant.  Since this is a live report to show the efficiency of AVA, the action occurs too fast to narrate in time with the video.

As I approach the aid, I tap on on the map, displaying the Coast Guard data for that aid.

I tap again to capture a screenshot of my position relative to the aid and start a report.

Using a contact approach in excellent conditions, I hold my iPhone against the aid and take a position fix, then mark it as a contact fix.

This is clearly a discrepancy, so I scroll to the top and mark it as such.  Then I scroll down to Dayboard Discrepancies.  I mark this aid as having both a damaged dayboard and a missing dayboard.

Now I take two photos.  One to measure the leaning angle and another to document the aid.  If the leaning angle is excessive, that will automatically be checked off in the report.

I tap **Preview** to see my report - which looks ok.

Next, I tap **Email** to see a draft of my summary email with the 7054 report attached.

Finally, I tap **Send** to send the email off to myself.

AVA finishes by confirming the email has been sent, and returns to the map, ready for another report.

As you can see, I have sent a completed discrepancy report in little more than a minute.


At home, my email is waiting for review, and the complete 2-page 7054 is attached along with the screenshot of where I was and two photos of the aid.  This report is ready to forward up the chain to the Coast Guard.


And that's all for this video.