

SAFESEAS Alpha Testing

Suggested Check List

Below are some specific tests we suggest you do while testing SAFESEAS Alpha. Please check the box that best describes the test results. Please familiarize yourself with the SAFESEAS User Guide as it has instructions regarding how to use the product. It is not required that you conduct *all* of these suggested tests on a given day. If after conducting these tests a few times you feel sufficiently familiar with what SAFESEAS Alpha can do, if you wish you may just supply some relevant comments. Conduct these tests while your area is experiencing good weather conditions (low wind, low wave, no fog) and bad weather conditions (high wind, high wave, and dense fog).

Note: Zone in the following document refers to marine zone.

Date: _____ Tester(s): _____

Pass **Fail** **Not**
/Yes **/No** **Sure**

Procedures

9 9 9 3

1) Launch D-2D only. Check if the SAFESEAS overall threat level indicator (the anchor logo near the upper right corner of the D-2D window) changes color from grey to green, yellow, or red either within four minutes after the D-2D is launched or along with the update of the SSextsignal.txt file. This file is located in \$FXA_DATA/workFiles/safeseas directory. The UNIX command `ls -l SSextsignal.txt` will show the time the file updated. Note, normally, SSextsignal.txt is updated every four minutes, but occasionally the time interval is eight minutes if no new data are available in four minutes.

Comments:

9 9 9 3

2) Load the SAFESEAS plot and Zone/county Table combo. Make sure the plot and Zone/county Table both appear. Also make sure the Nominal Time? in the Table matches the legend time in the D-2D frame.

Comments:

9 9 9 3

3) Re-rank the Zone/county Table based on an attribute of your choice. Check that the table was re-ranked correctly.

Comments:

Pass /Yes Fail /No Not Sure

Procedures

4) Are the values in the Zone/county Table in reasonable range?

9 9 9 3

Comments:

5) Zoom-and-recenter on a zone/county of your choice (the zone/county should have at least one non-missing value). Make sure the Zone/county Table switches to Station Table, the D2-D performs the zoom-and-recenter, the Station Table displays the data for the stations within or associated with the zone/county, and the one/County? button specifies the zone or county name. Note, currently, for a marine zone, only a zone identifier is displayed in the button (zone names are not available yet).

9 9 9 3

Comments:

6) Do the values in the Station Table match those on the plot?

9 9 9 3

Comments:

7) Zoom-and-recenter on a station of your choice. Make sure the D-2D performs both the zoom and the re-center, and the Station Table fills the Investigation Row at the bottom of the table.

9 9 9 3

Comments:

Pass **Fail** **Not**
/Yes **/No** **Sure**

Procedures

8) Click on the station identifier in the Investigation Row at the bottom of the Station Table to un-zoom from the station, but retain the station list in the Station Table.

9 9 9 3

Comments:

9) Create a Trend for a station of your choice via the Station Table.

9 9 9 3

Comments:

10) Check the values on the Trend against those in the Station Table for the latest three hours. Do the values match each other?

9 9 9 3

Comments:

11) Return to the Zone/county Table from the Station Table. Make sure the Zone/County List button becomes grayed out, and the SAFESEAS plot in the D-2D returns to the original view (zooms out).

9 9 9 3

Comments:

Pass **Fail** **Not**
/Yes **/No** **Sure**

Procedures

9 9 9 3 12) Change the display thresholds of an attribute of your choice using "AFESEAS Configure Display Thresholds" to such an amount that the threat level would change from one level to another. Check that the threat levels in the Zone/county Table and Station Table change accordingly.

Comments:

9 9 9 3 13) After making several changes to various display thresholds (the changes should be large enough to alter the threat levels), save the thresholds to a file, retrieve the default thresholds, then retrieve the thresholds you just saved. For each threshold change, the threat levels in Zone/county Table should change to reflect the new thresholds.

Comments:

9 9 9 3 14) Check that the Plot and the Zone/county Table updates along with the update of SSextsignal.txt file, which is located in \$FXA_DATA/workFiles/safeseas directory. The UNIX command "ls -l SSextsignal.txt" will show the time the file updated as well as other information. Note, normally, SSextsignal.txt is updated every four minutes, but occasionally the time interval is eight minutes if no new data are available in four minutes.

Comments:

9 9 9 3

15) Ordinarily, a new plot and a new Zone/County Table are created between 45-55 minute after the hour (we call this an hourly update? . To check the hourly update", launch the Station Table and then the Trend before 45 minute after the hour, and watch the Station Table and the Trend. They should be removed at the time of the hourly update? and a new Zone/county Table should be created right after the removal.

Comments:

9 9 9 3

16) Add or remove a station or stations from a zone/county via the "AFESEAS Configure Monitor Area Setup", then check that the Station Table changes accordingly.

Comments:

9 9 9 3

17) Add or remove a zone/county or zones/counties via the "AFESEAS Configure Monitor Area Setup Data?" then check that the Zone/county Table changes accordingly.

Comments:

9 9 9 3

18) Modify the monitor thresholds via the "Editor for the SAFESEAS monitor thresholds", then check that the threat level for the entire monitoring area changes accordingly.

Comments:

General comments from the day testing:

