

Sartech ARG 5410

Beacon Tester

Version 2.0 (7-04-2003)

Introducing Beacon Tester V2.0

For the Sartech ARG 5410

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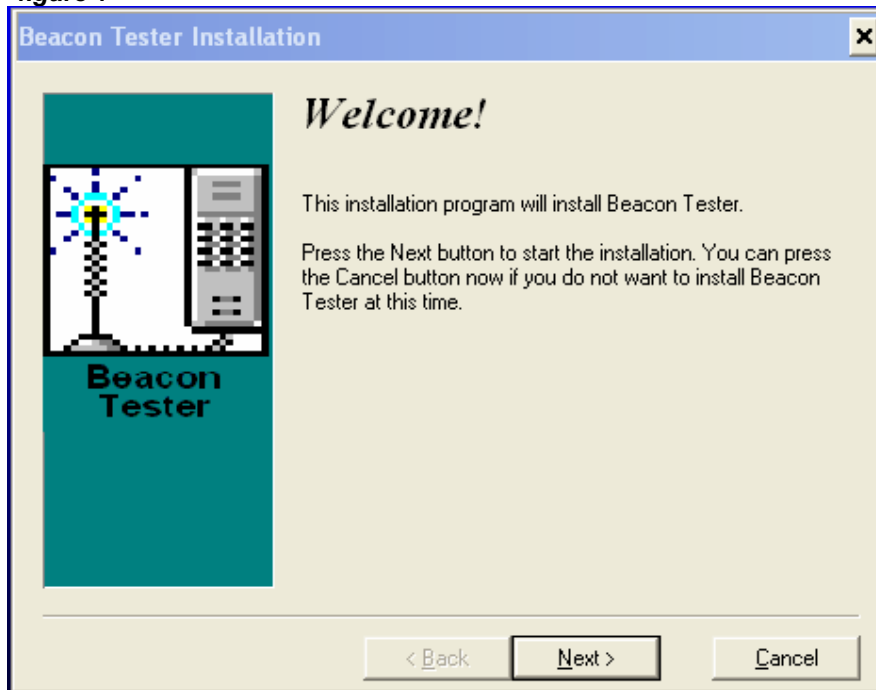
Installation

Insert CD Rom Disc into your CD Drive

The install should start up automatically, if not go to your “Desktop” and Double Click on the icon “My Computer” and then select your CD Rom Drive by double clicking on it. Now Double Click on “Setup.exe” and follow the on screen instructions as shown below.

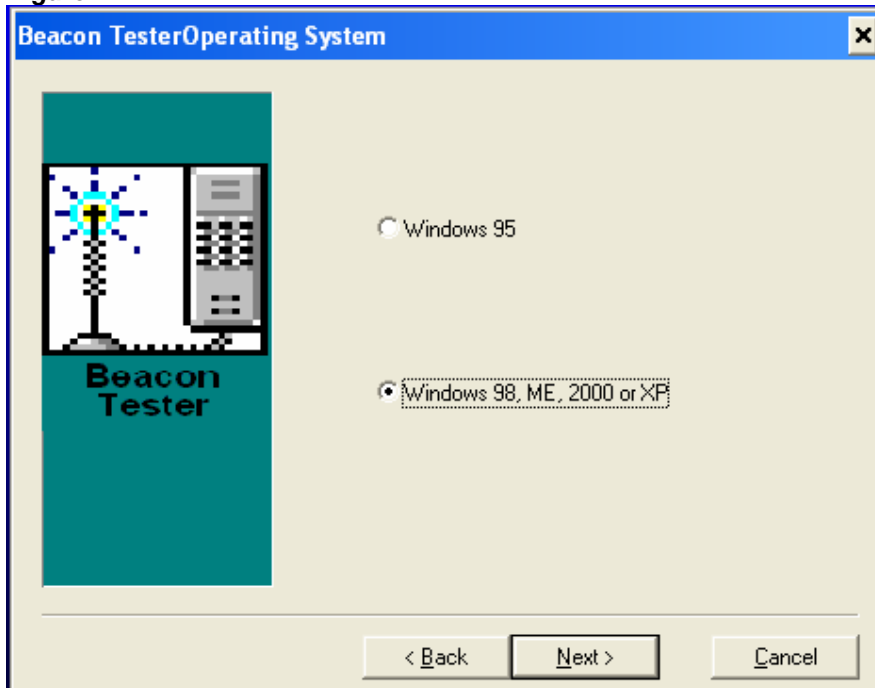
(Step 1)

figure 1



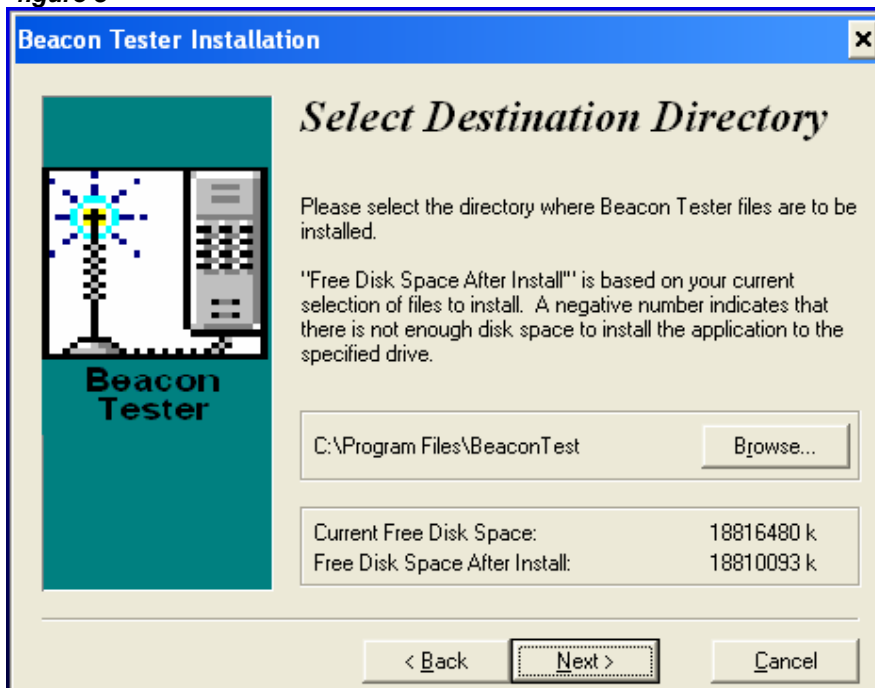
(Step 2)

figure 2



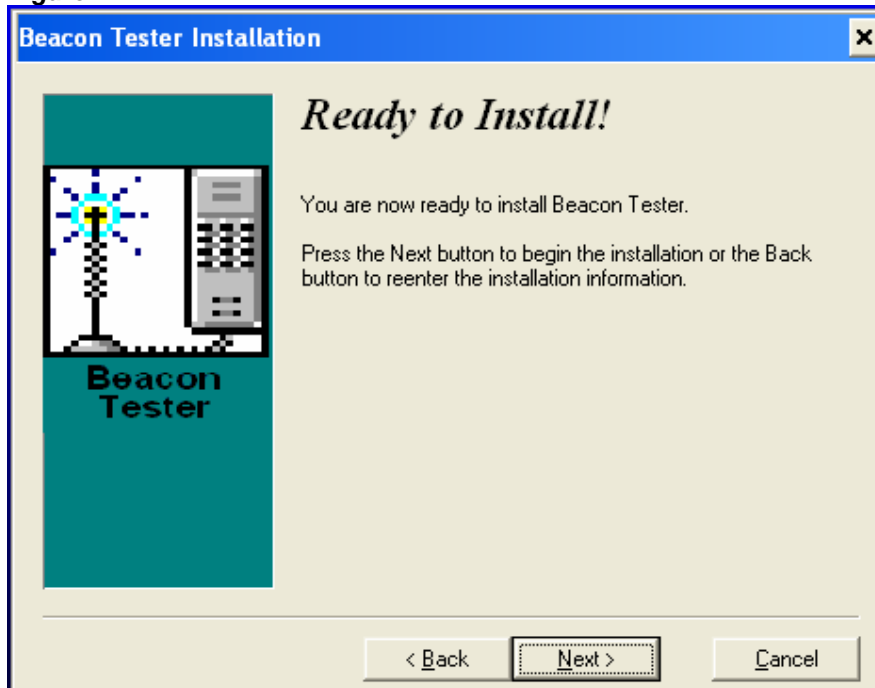
(Step 3)

figure 3



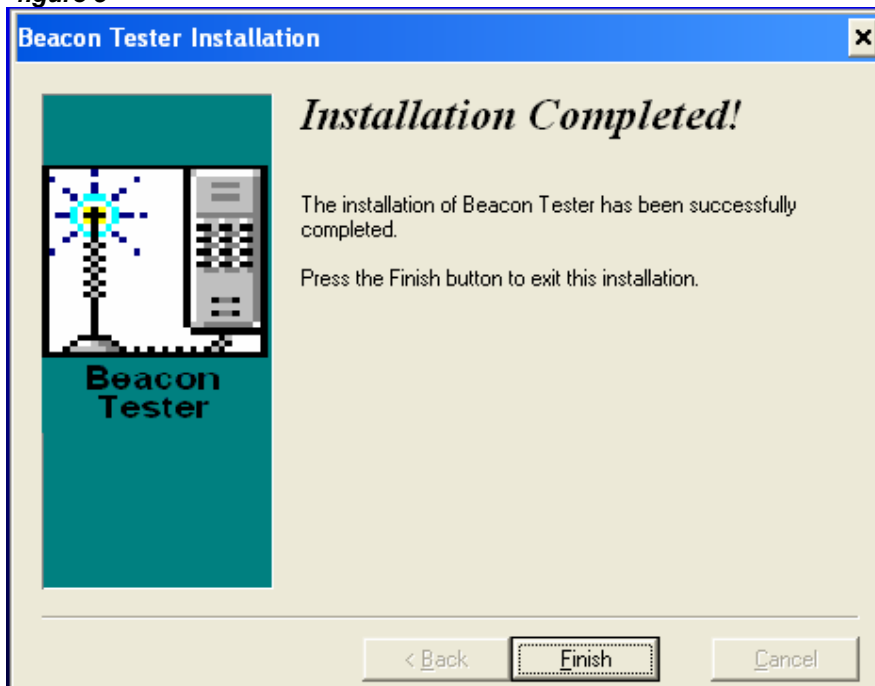
(Step 4)

figure 4



(Step 5)

figure 5



(Step 6)

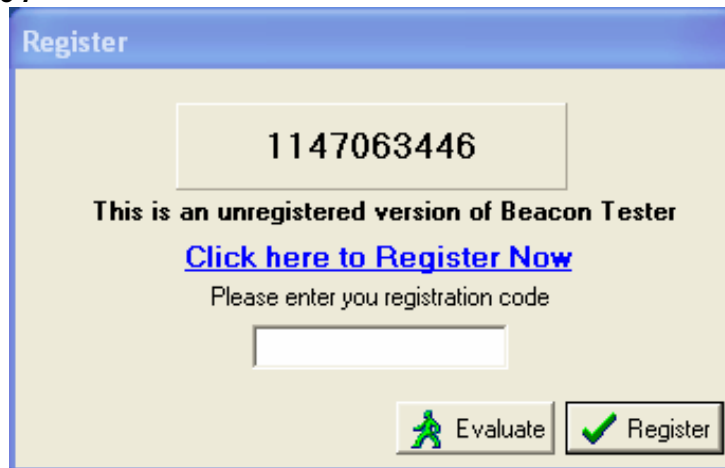
figure 6



You should now be returned to your main Desktop and have an icon that looks like the one pictured above. Double click on this icon and a screen will appear as shown next:

(Step 7)

figure 7

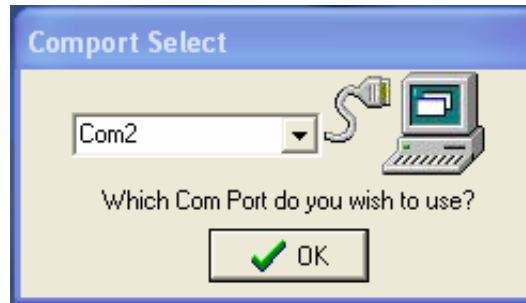


You should now register your copy of Beacon Tester so that all functions are available to you. If you continue without registering the program will still function however certain functions like the printing capability of certificates will be disabled.

Click OK to continue.

(Step 8)

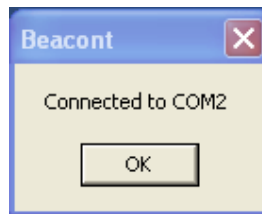
figure 8



Select the Com Port that your PA 1 is connected to and click OK.

(Step 9)

figure 9



You should then receive a confirmation window that shows you have successfully connected to the correct port.

Operation

You should now have a screen open that looks similar to below:

(Step 10)

figure 10

The screenshot shows the 'Beacon Tester - Unregistered' software window. It features two tabs: 'Standard' and 'Shore Based Maintenance'. The 'Standard' tab is active, displaying a form with various input fields. The 'Shore Based Maintenance' tab is also visible. The form includes fields for 'Msg #', 'Flaring Status', 'Received at', 'Frequency', 'Country', 'Message', 'ID Code', 'Protocol', 'Beacon Type', 'M/I Serial No', 'Identity', 'Homing', 'Bch Err Dsk', 'Vessel Name', 'Battery EXP', 'Hydro release EXP', 'Next Service Due', 'Account No', 'Invoice/Job No', 'C-SARSAT', 'N.D.D.', and 'Other Info'. A table below the form has columns for 'Identity', 'ID Code', and 'Received At'. At the bottom, there is a 'Save Changes' button, a 'Search String' input field, 'Reset' and 'Search' buttons, and a 'Search by' section with radio buttons for 'Identity', 'ID Code', and 'Received at'. The status 'Not Active' is displayed at the bottom left.

Now start your PSION Beacon Tester unit and send the message from the unit. The Beacon Tester software will automatically receive the file and add it into your database.

Add any additional information you require into the Red fields.

For Shore Based Maintenance Certificates click on the tab to add additional information for the Certificate.

figure 11

The screenshot shows the 'Beacon Tester - Unregistered' application window. The interface includes a menu bar with 'File' and 'Help'. Below the menu bar, there is a 'Standard' dropdown menu and a 'Shore Based Maintenance' section. This section contains several checkboxes: 'Self Test Mode Verified', 'Water switch fitted', 'Battery replaced', 'Waterproof test Complete', 'Labeling complete', 'Signature applied', and 'Beacon registration details submitted'. There are also input fields for 'Power Output', 'Encoding Details', and 'Customer name', along with a 'GNSS Pos Confirmed' dropdown menu. At the bottom of the window, there is a 'Save Changes' button, a 'Search String' input field with 'Reset' and 'Search' buttons, and a 'Search by' section with radio buttons for 'Identity', 'ID Code', and 'Received at'. A 'Not Active' status indicator is visible in the bottom left corner.

Identity	ID Code	Received At

Now you are ready to print a “Compliance Certificate”. Go to the top of the window and Click the “File” menu item and select the “Print” command, select the printer that you wish to use and follow the on screen instructions.

(Step 11)

figure 12

Report Preview

File Page Zoom

Page 1 of 1

Quality System Manual

Certificate of Test
Version 02
SA-02F1

This Certificate complies with "MSC Circular 1040 requirements"

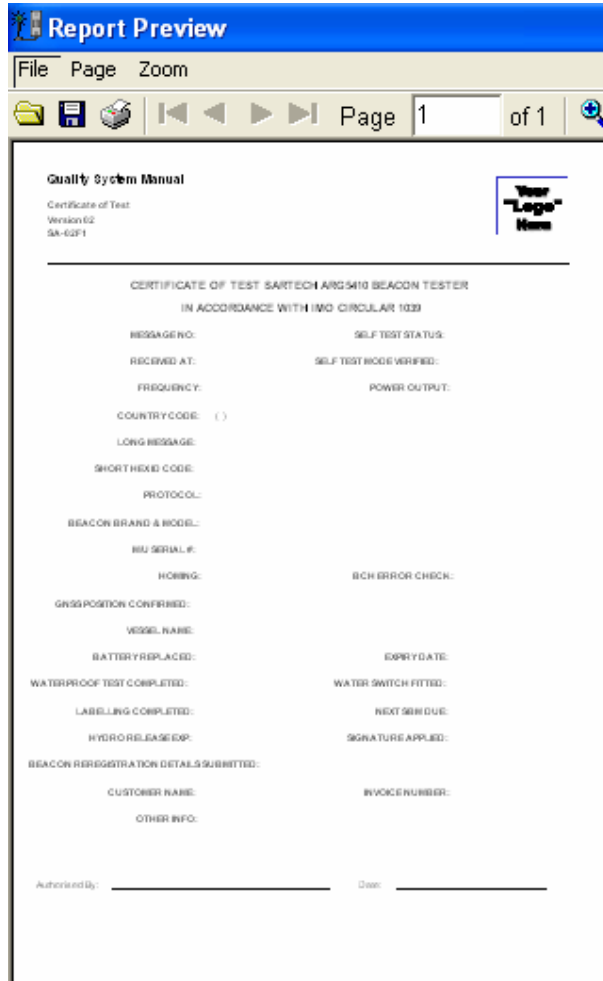
COMPLIANCE & CERTIFICATE OF TEST
SARTECH AIG 5M10 BEACON TESTER

MESSAGE NO: SELF TEST STATUS:
RECEIVED AT:
FREQUENCY:
COUNTRY: ()
MESSAGE:
ID CODE:
PROTOCOL:
BEACON TYPE:
IDENTITY:
MU SERIAL NO:
HOWING:
BCH ERROR CHECK:
VESSEL NAME:
BATTERY EXP:
HYDRO RELEASE EXP: NEXT SERVICE DUE:
ACCOUNT NO: INVOICE / JOB NO:
OTHER INFO:

Authorized by: _____ Date: _____

Or for the Shore Based Maintenance Certificate select this form from the file menu.

figure 13



Congratulations, you have now completed a Compliance Certificate and started your new database.

**Should you have any problems please contact Support at
"Executive Computers" by email: support@ecl.d2g.com
For Sales & Marketing enquiries please contact sales@sartech.co.uk**

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