

## *I. Description*

*930XC OTDR Software & Language Update Tool is a special tool for field upgrading the software of 930XC. Users can update the software of their 930XC by means of the Wizard without returning it to Greenlee.*

## *II. Instruction Guide*

- 1. Turn 930XC power off and connect the 930XC to the PC with the serial cable.*
- 2. Run the 930XC OTDR Software & Language Update Tool on the PC, select appropriate com port and the "930XC VX.XXG.bin" file to be downloaded in the dialogue window;*
- 3. Turn the 930XC on and click the 'Download' icon on the dialogue window of PC during the initial Greenlee splash screen. Downloading will not be successful if the unit is displaying the user screen when updating is initiated.*
- 4. The size of the downloading file and other information will be shown during the course of the download.*

*The window of PC will show the following information:*

*'Transfer file ...' denotes that the selected file is being transmitted to the 930XC.*

*'Program Flash ...' denotes that the program memory is being erased and rewritten.*

*'Program Flash Ok!' denotes the success of software upgrade.*

*The LCD screen of 930XC will show the following information:*

*File size: 199452 bytes denotes the size of the downloaded file.*

*Download file: denotes that the selected file is being received from the PC.*

*Erase : 25%: denotes that the program memory is being erased.*

*Program : 31%: denotes that the program memory is being rewritten.*

*Verify : 20%: denotes that the result of the program is being checked.*

*Software update success: denotes the success of software upgrade.*

- 5. Turn the 930XC power off after the successful download and disconnect RS232 cable between PC and the 930XC.*

- 6. Turn the 930XC on and the updated software will run.*

- 7. Repeat step 1 and 2, and select "English-XXX VX.XXG.lang" file to update the OTDR language when OTDR is powered on and in standby interface.*

- 8. After language update is done, restart OTDR.*

## *III. Notes*

- 1. The process of the software download will last about 2 minutes. The 930XC battery power should be sufficient to support the entire process of downloading the software.*
- 2. Close all other application programs before the software is downloaded.*
- 3. To remedy the failure of a software download:*

*a. Follow the operation guide above and keep the PC and 930XC connected. Then select the correct \*.bin program file to be downloaded in the dialogue window.*

*b. Turn the 930XC power on and immediately after the flash of 'Loading ....' is shown on the LCD screen, click the 'Download' icon on the dialogue window of PC, restarting the download of 930XC software.*