INSTALLING SEA-BIRD SOFTWARE

1. Insert the CD-ROM in the CD-ROM drive.

2. Windows Software - Open Windows Explorer and navigate to your CD-ROM drive:
    A. (all instruments except SBE 26, 26*plus*, and 53) Double click on SeasoftV2.exe. The application will guide you through the installation process.
    B. (SBE 26, 26*plus*, and 53) Double click on SeasoftWaves_V*_**.exe. The application will guide you through the installation process.

3. DOS Software -
    A. (all instruments except SBE 26) Copy seasoft.dos to the desired location on your hard drive. In a DOS window, run SINSTALL.bat to install the software.
    B. (SBE 26) Copy sswaves.dos to the desired location on your hard drive. In a DOS window, run SETUP26.bat to install the software.

NOTE: DOS software cannot be used with the SBE 16*plus*, 16*plus*-IM, 19*plus*, 25*plus*, 26*plus*, 45, 49, 50, 53, 54, or other instruments developed since approximately 2001. Use the Windows software for these instruments.

INSTALLING INSTRUMENT-SPECIFIC FILES

1. Insert the CD-ROM in the CD-ROM drive.

2. Copy the instrument-specific files to the directory where you plan to store your instrument's data. Instrument-specific files include, as applicable: .cal, .con or .xmlcon configuration file, and .pdf file.

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1. **ProgSoftware** directory --Only for instruments that store calibration coefficients internally.
Prog****.exe** – DOS program to reload calibration coefficients into an instrument, if coefficients were inadvertently deleted or changed. There are many versions of this program, depending on instrument type. Contact Sea-Bird if you need to use this.

        Prog16im - SBE 16*plus*-IM.
        Prog35 - SBE 35 and 35RT with firmware version 2.0 and higher.
        Prog37 – RS-232 versions of SBE 37-SM, 37-SMP, 37-SI, and 37-SIP. SBE 37-SM and 37-SMP firmware version 2.1 and higher; SBE 37-SI and 37-SIP firmware version 2.2 and higher.
        Prog37im - SBE 37-IM and 37-IMP, firmware version 2.1 and higher.
        Prog37imo - SBE 37-IM, firmware version less than 2.1.
        Prog37o – RS-232 versions of SBE 37-SM and 37-SI. SBE 37-SM firmware version less than 2.1; SBE 37-SI firmware version less than 2.2.
        Prog38 - SBE 38.
        Prog39 - SBE 39 with pressure sensor.
        Prog39T - SBE 39 without pressure sensor.
        Prog47 – SBE 47.
        Prog48 - SBE 48.
        Prog485 – RS-485 versions of SBE 37-SM, 37-SMP, 37-SI, and 37-SIP; firmware version 2.1 or greater.
        Prog485o – RS-485 versions of SBE 37-SM and 37-SI; firmware version less than 2.1.
        Prog49 - SBE 49.
        Prog50 - SBE 50.
        Progscp - SBE 16*plus*/16*plus* V2 and 19*plus*/19*plus* V2.
        Note: Prog11v2, for SBE 11plus V2 deck units with V2 electronics (programs coefficients through Remote Out connector) is now installed as part of Seaterm V2. It can be found in the Seaterm V2 folder.

2. **seasoft.dos** directory – Seasoft-DOS software package, which includes software for communication, real-time data acquisition, and data analysis and display.

3. **Software Manuals** directory– **SBEDataProcessing_*HighRes.pdf** (SBE Data Processing manual) and.**Seasave_7.*HighRes.pdf** (Seasave V7 manual).

4. **sswaves.dos** directory - Seasoft for Waves - DOS software package for SBE 26 (not 26*plus*) Wave and Tide Recorder, which provides pre-deployment planning, setup and data retrieval, separation of uploaded data into separate wave and tide files, plotting, auto-spectrum, time series analysis, and statistics reporting.

5. **CDContentsAndInstallation.txt** and **CDContentsAndInstallation.pdf** – a file containing this text (same information in both files).

6. **Instrument-specific files:**

A. (only for instruments that store calibration coefficients internally)
Calibration (**.cal**) file, which defines the calibration coefficients. The .cal file is used with Prog**.exe to reload coefficients into the instrument if they were inadvertently deleted or changed. Contact Sea-Bird if you need to use this file. The file is named ****.cal, where **** is the instrument serial number. For example, for an instrument with serial number 2375, we name the file 2375.cal. You may rename the .cal file if desired.

B. (only for configurable instruments - SBE 9/9*plus*, 16/16*plus*/16*plus* V2, 19/19*plus*/19*plus* V2, 21, 25/25plus,, 31, 45, and 49)
Configuration (**.con** or **.xmlcon**) file, which defines the instrument configuration and calibration coefficients. The configuration file is needed by Seasave for real-time data acquisition and by SBE Data Processing for post-processing of the data. The file is named ****.con or ****.xmlcon, where **** is the instrument serial number. For example, for an instrument with serial number 2375, we name the file 2375.con or 2375.xmlcon. You may rename the configuration file if desired.
NOTE: .xmlcon configuration files, written in XML format, were introduced with SBE Data Processing and Seasave 7.20a. Versions 7.20a and later allow you to open a .con or .xmlcon file, and to save the configuration to a .con or .xmlcon file.

C. **Manual** - Job-specific manual(s) in Adobe Acrobat .pdf form. This includes the generic instrument manual as well as instrument configuration, calibration coefficients, schematics, pressure test certificates, application notes, etc. specific to your instrument. The manual is named manual-xx-****.pdf, where xx is the instrument type and **** is the instrument serial number. For example, for an SBE 19*plus* with serial number 2375, we name the file manual-19p-2375.pdf.
NOTE: Sea-Bird creates 1 CD-ROM per system. For example, if you ordered an SBE 19*plus* CTD with an SBE 33 Deck Unit and SBE 32 Carousel Water Sampler, the CD-ROM contains job-specific manuals for the 19*plus*, 33, and 32. The CD-ROM is typically packed with the CTD, if a CTD is part of the order.

7. (Only for SBE 16*plus*/16*plus* V2, 19*plus*/19*plus* V2, and 49)
LOADSCP.exe - program to reload calibration coefficients into a .con configuration file, if the .con file was inadvertently deleted or changed. Contact Sea-Bird if you need to use this program.

8. **sbe.ico** – not used by customer

9. **SeasoftV2.exe** - Win 2000/XP software package, which includes software for communication, real-time data acquisition, and data analysis and display. Seasoft V2 includes the following stand-alone programs (install any or all of these):

A. SeatermV2 (terminal program for 16plus V2, 16plus-IM V2, 19plus V2, 25plus, 37 [37-SI, SIP, SM, SMP, IM, IMP, all with firmware 3.0 and later], 37 IDO and ODO, 54, 56, 63, 90588, and Glider Payload CTD)

B. Seaterm (terminal program for communication with most of our instruments)

C. SeatermAF (terminal program for SBE 17*plus* V2 and Auto Fire Module)

D. Seasave V7 (real-time data acquisition and display program)

E. SBE Data Processing (data processing program)

F. Plot39 (plotting program for SBE 39 data)

G. Deployment Endurance Calculator (battery endurance calculator for moored instruments)

10. **SeasoftWaves_V*_**.exe** - Windows 95/98/NT/2000/XP software for SBE 26 and 26*plus* Wave and Tide Recorder, and SBE 53 BPR Bottom Pressure Recorder, which provides pre-deployment planning, setup and data retrieval, separation of uploaded data into separate wave and tide files, plotting, auto-spectrum, time series analysis, and statistics reporting.