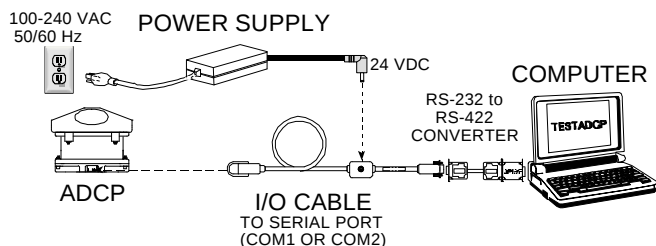
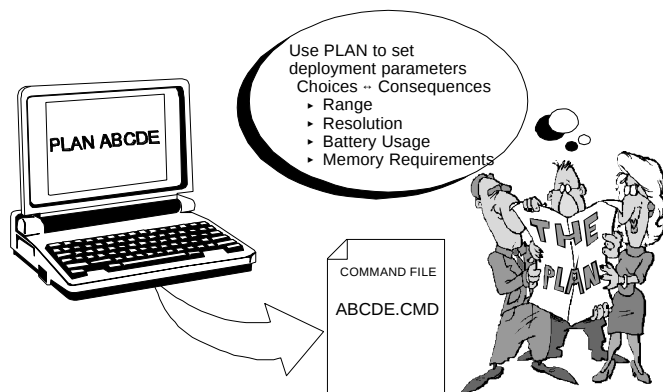


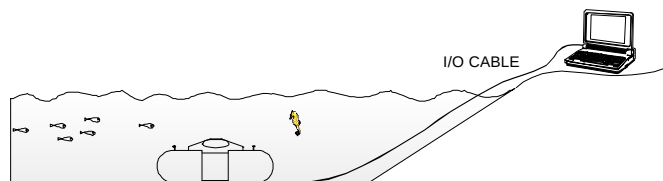
Workhorse Real-Time Deployment



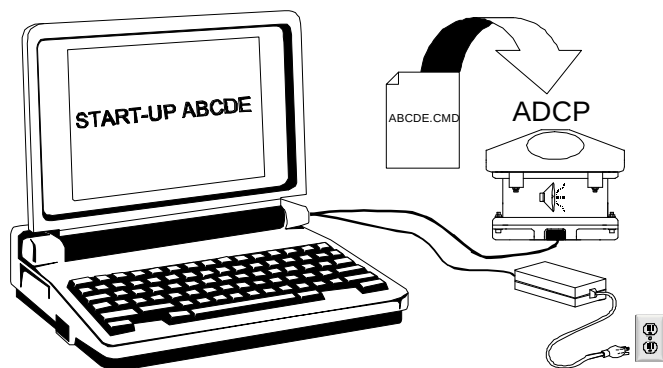
Step 1. Test the ADCP using TESTADCP. Use the Real-Time Deployment Checklist (below, right) to verify that the ADCP is ready for the deployment. Calibrate the compass (see Chapter 4 in the Workhorse Technical Manual). If you have the optional pressure sensor installed, use the AZ-command to zero it at the deployment site.



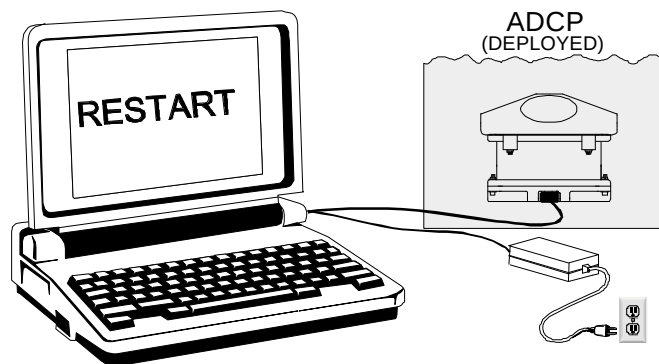
Step 2. Plan the deployment. Name your command file (substitute your 5-character name for ABCDE). Make choices; see the consequences for the entire deployment.



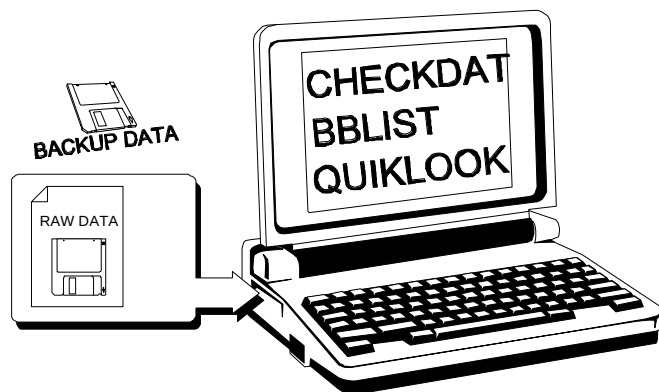
Step 3. Deploy the ADCP.



Step 4. Send the deployment commands from ABCDE.CMD to the ADCP. View the ABCDE.DLG file. This file shows all of the commands sent to the ADCP and the ADCP's response. START-UP automatically runs WATCH (collects, displays, and records data).



Step 5. If desired, use Steps 2 and 4 to change the deployment commands. Use RESTART to resume collecting, viewing, and recording data if interrupted.



Step 6. Verify the data using CHECKDAT. Always backup your data. Use QUIKLOOK and BBLIST to review the data.

Deployment Checklist

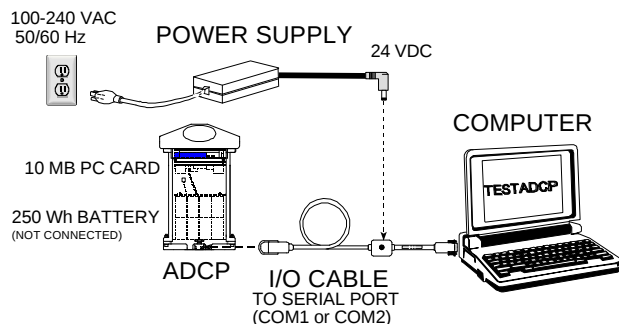
Real-Time Deployment

- ☐ Test the ADCP using TESTADCP
- ☐ Seal the ADCP for deployment
 - ☐ Install all o-rings; use silicone lubricant
 - ☐ Use fresh desiccant (2 bags) inside ADCP
- ☐ Check the transducer head condition
- ☐ Verify the compass; if necessary, re-calibrate
- ☐ Are biofouling precautions needed?
- ☐ Is there sufficient hard disk space available?
- ☐ Zero the pressure sensor at the deployment site.

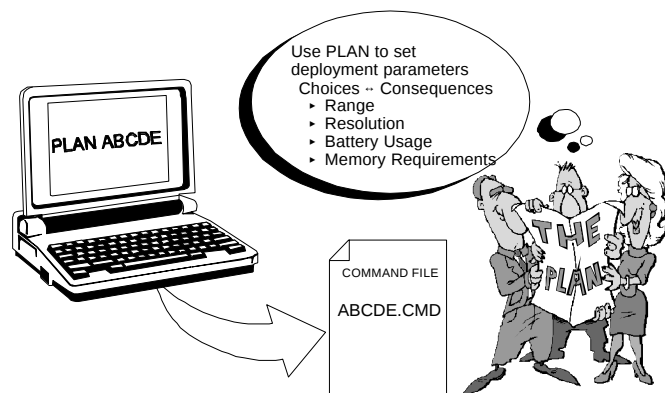
Self-Contained Deployment

- ☐ Test the ADCP using TESTADCP
- ☐ Verify the compass; if necessary, re-calibrate
- ☐ Seal the ADCP for deployment
 - ☐ Install all o-rings; use silicone lubricant
 - ☐ Use fresh desiccant (2 bags) inside ADCP
 - ☐ Connect the battery
 - ☐ Check Recorder PC card is installed
- ☐ Check the transducer head condition
- ☐ Are biofouling precautions needed?
- ☐ Verify battery and recorder space requirements
- ☐ Install the dummy plug; use silicone lubricant
- ☐ Zero the pressure sensor at the deployment site.

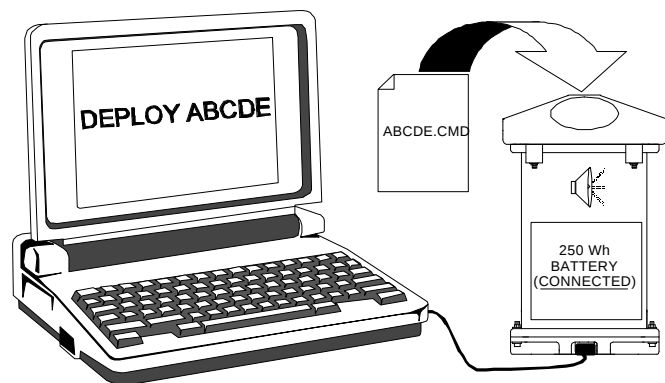
Workhorse Self-Contained Deployment



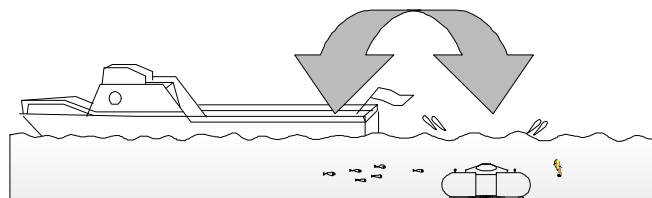
Step 1. Test the ADCP using TESTADCP. Use the Self-Contained Deployment Checklist (other side) to verify that the ADCP is ready for the deployment. Calibrate the compass (see Chapter 4 in the Workhorse Technical Manual). If you have the optional pressure sensor installed, use the AZ-command to zero it at the deployment site.



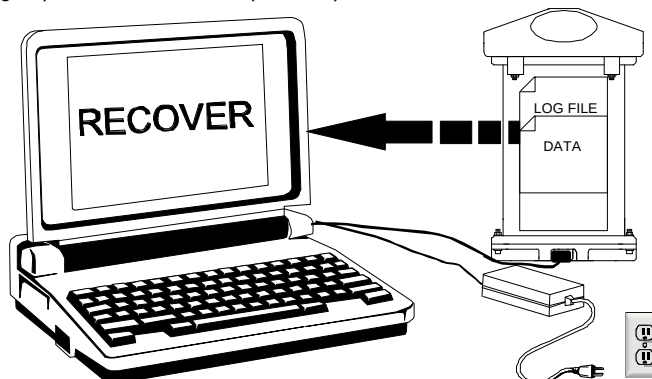
Step 2. Plan the deployment. Name your command file (substitute your 5-character name for ABCDE). Make choices; see the consequences for the entire deployment.



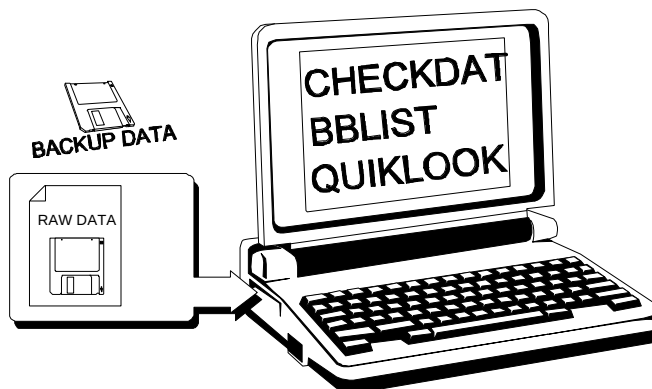
Step 3. Send the deployment commands from ABCDE.CMD to the ADCP. View the ABCDE.DLG file. This file shows all of the commands sent to the ADCP and the ADCP's response. You should hear the ADCP "beep" after each ping. Disconnect the I/O cable and install the dummy plug.



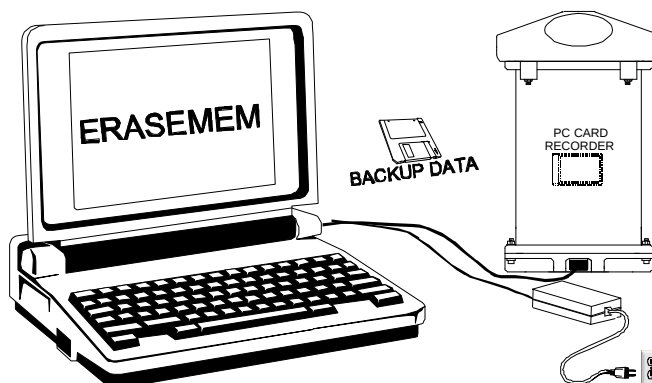
Step 4. Deploy and recover the ADCP. Data files are ABCDE000.LOG (log file) and ABCDE000.000 (raw data).



Step 5. Recover data from the recorder. The data will be copied to the ABCDE directory on you computer's hard drive.



Step 6. Verify the data using CHECKDAT. Always backup your data. Use QUICKLOOK and BBLIST to view the data.



Step 7. Erase the recorder and prepare the ADCP for another deployment.