Programming a Q330 with a Clie

To program a Q330 with a Clie you need to use either the "Q330 B147" or "Q330 1.491t" program. These programs can be found on the main menu of any Clie received from PASSCAL. These programs are used to send or retrieve parameters/configurations, change station names, change IP addresses, and to send commands to a Q330.

Important note: To program a Q330S (which is different from a normal Q330) you MUST use the program "Q330 1.491t"

This procedure covers:
1) Sending parameters, via Q330 Beta’s Cloning command, to the Q330.
2) Verifying the operation of the Q330.

Key to symbols used below:
> Menu items
* Items to record
! Commands

1) Sending Parameters/Configurations to Q330

Start Q330 beta
For this set of instructions, the clone named cod01 was selected in the above step.
Station Names
>DP4 >New
!Enter current station name
2) Verifying Q330 Operation
Check the recording parameters for your experiment, i.e. the channels and sample rates. If the clone is correct, you may connect the sensor (which will power it). Unlock the sensor and center it. Then check the sensor mass (boom) positions and the functioning of the sensor and digitizer via the Quickview command. This is shown in the next few steps.
Check the GPS Clock status and that Data is increasing.
Check that the Q330 <=> Baler connection is functioning.
If you refresh the Clié screen after a while (a few minutes), you should see the 'Packet buffer used' decrease to zero and the 'Data packets sent' become a positive, non-zero number, increasing until the Baler is powered down.
The docfile default name is often sufficient. You will rarely need it, but if you are to retrieve it in the future, you will have to backup the Clé using MSBackup after you've finished task at hand.

Source URL: https://www.passcal.nmt.edu/content/instrumentation/dataloggers/3-channel-dataloggers/quanterra-q330-datalogger/q330-programming-1