## **MVCO ACOUSTIC USER INFO**

In order to provide reasonable assurance of the success of all MVCO user research programs we are asking *all* users of acoustic devices (even ADCPs) to provide the following information:

Device
Center frequency(s)
Bandwidth (-3 and -10 dB levels)
Source level
Location of the source (position relative to the Node or C-Blast Tower, depth & altitude)
Type of transducer (i.e., directional or non-directional)
If directional (beam pattern and orientation) (e.g., 45 degree cone pointing up)
Type of Transmission (i.e., pulsed or continuous)
If pulsed transmission, pulse length, repetition rate
Long-term Duty Cycle (e.g., on for 10 minutes at the start of every hour)

Comments: