

# Mission: See Deep

## LESSON 3

## Remotely Operated Vehicles

[ALL]

## CONTROLLING THE ROV

You will be using either a Polycom Remote or a Tone Dialer to control the ROV.

### POLYCOM REMOTE

DO NOT USE

USE THESE  
BUTTONS TO  
CONTROL  
THE ROV

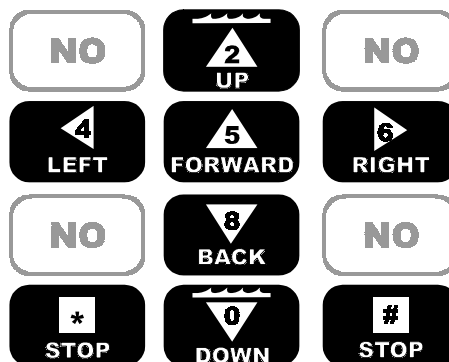
DO NOT USE



#### USING A POLYCOM REMOTE

1. Press the \* or # to bring up an on-screen numeric keypad.
2. Choose a direction to drive the ROV and press the corresponding numbered buttons on the remote. You should hear a short signal. THEN PRESS \* OR # TO STOP THE SIGNAL. It is better to move in short bursts.
4. Press the \* or # button to stop the ROV at any time. Watch out for rocks and the walls of the tank.
5. Be aware that while students are driving the ROV with the dialer, it may be difficult for Mote's educator to hear questions.
6. Try not to press any other button on the remote other than the numeric buttons indicated above.

### DIRECTION CONTROL



#### HOW IT WORKS

A Polycom Remote or a Tone Dialer can be used to drive the ROV in the Mote shark tank. Each numbered button on the remote or the dialer makes a different sound, just like a telephone. Each sound drives the ROV in a different direction (see Direction Control diagram).

**NOTE: The best performance usually comes from moving the ROV in short bursts. Remember to send a STOP signal after each movement.**



### TONE DIALER



#### USING A TONE DIALER

1. Turn it on.
2. Hold the dialer directly over your microphone.
3. Choose a direction to drive the ROV and press the corresponding button on the dialer for one or two seconds. THEN PRESS \* OR # TO STOP THE SIGNAL. It is best to move in short bursts.
4. Press the \* or # button to stop the ROV at any time. Watch out for rocks and the walls of the tank.
5. Be aware that while students are driving the ROV with the dialer, it may be difficult for Mote's educator to hear questions.
6. Turn off the dialer when finished.