```
%Compute incident wave profile
wave = IncWave;
wave = set(wave,'A',1);          %Amplitude = 1 meter
wave = set(wave,'T',8);          %Period = 8 seconds
wave = set(wave,'Type',1);       %Type 1 = monochromatic waves
wave = set(wave,'beta',-1);      %Waves moving towards negative x

disp('Computing incident wave profile');
t1= dt:dt:L{7,1}.breaks(end);
t = get(Buoy,'t');  %Get timesteps from Buoy object.
eta0 = eta(wave,0,[t t(end)+t1]);
```