```
--- Environment
------------------------------------------------------------------------------------------------------------
1025.0              ! RHO           ! KG/M**3   ! Fluid specific volume
9.81                ! G         ! M/S**2    ! Gravity
0.              ! DEPTH         ! M     ! Water depth
0.  0.          ! XEFF YEFF     ! M     ! Wave measurement point
--- Description of floating bodies
------------------------------------------------------------------------------------------------------------
1               ! Number of bodies
--- Body 1
------------------------------------------------------------------------------------------------------------
buoy6\mesh\buoy6.dat            ! Name of mesh file
256 250         ! Number of points and number of panels
6               ! Number of degrees of freedom
1 1. 0. 0. 0. 0. 0.     ! Surge
1 0. 1. 0. 0. 0. 0.     ! Sway
1 0. 0. 1. 0. 0. 0.     ! Heave
2 1. 0. 0. 0. 0. -7.5       ! Roll about CdG
2 0. 1. 0. 0. 0. -7.5       ! Pitch about CdG
2 0. 0. 1. 0. 0. -7.5       ! Yaw about CdG
6               ! Number of resulting generalised forces
1 1. 0. 0. 0. 0. 0.     ! Force in x direction
1 0. 1. 0. 0. 0. 0.     ! Force in y direction
1 0. 0. 1. 0. 0. 0.     ! Force in z direction
2 1. 0. 0. 0. 0. -7.5       ! Moment force in x direction about CdG
2 0. 1. 0. 0. 0. -7.5       ! Moment force in y direction about CdG
2 0. 0. 1. 0. 0. -7.5       ! Moment force in z direction about CdG
0               ! Number of lines of additional information
--- Load cases to be solved
------------------------------------------------------------------------------------------------------------
10  0.1 1.0     ! Number of wave frequencies, Min, and Max (rad/s)
1   0.  0.      ! Number of wave directions, Min and Max (degrees)
--- Post processing
------------------------------------------------------------------------------------------------------------
1   0.1 10.     ! IRF               ! IRF calculation (0 for no calculation), time step and duration
1               ! Show pressure
0.  0.  180.        ! Kochin function       ! Number of directions of calculation (0 for no calculations), Min and Max (degrees)
10  10  100.    100.    ! Free surface elevation    ! Number of points in x direction (0 for no calcutions) and y direction and dimensions of domain in x and y direction


```