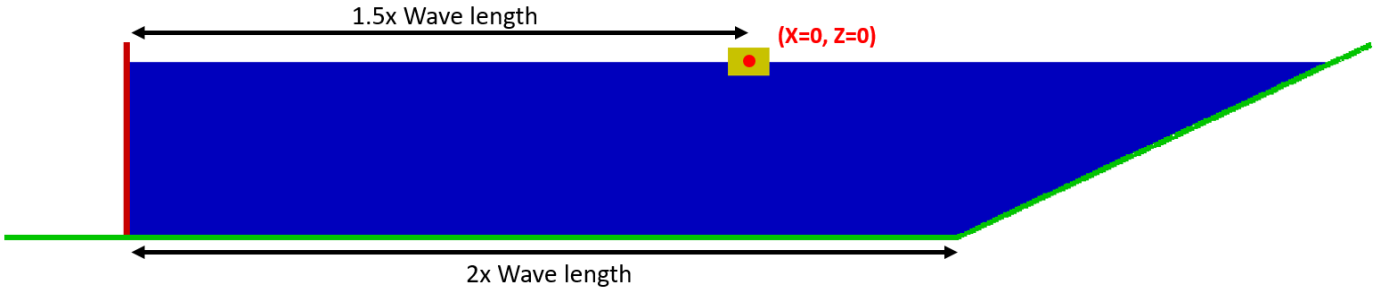
Examples using GenericWaveTank.xml

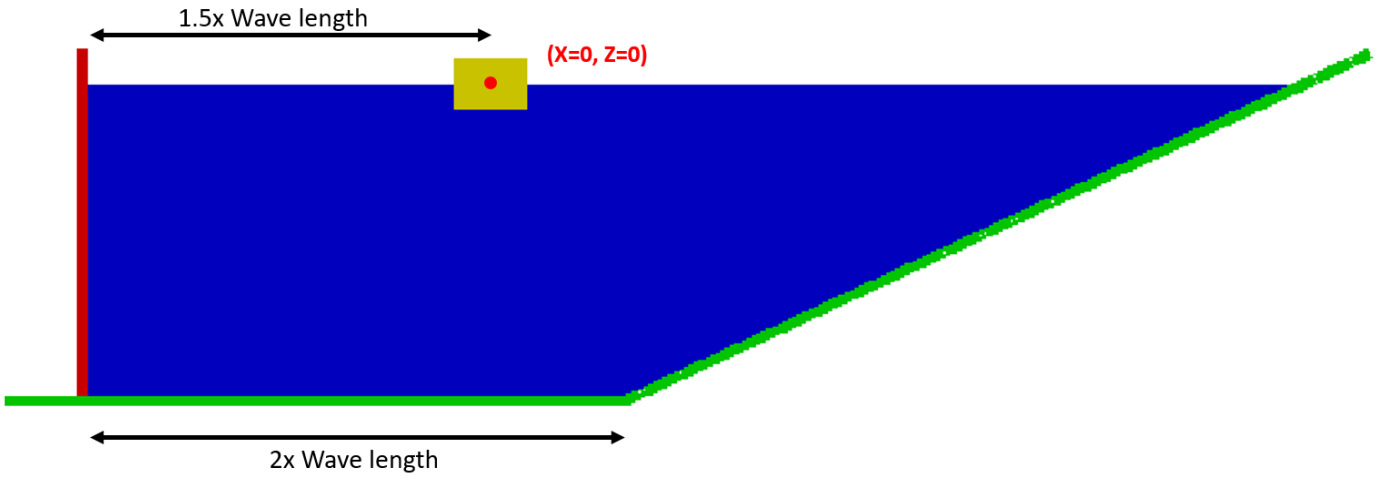
1) Case 2D, T=2.0, H=0.14 and beach with angle=25

```
<!-- User-defined variables  -->
<newvarcte case3d="false" _rem="Defines case 3D or 2D" />
<newvarcte use_beach="true" _rem="Creates an absorption beach" />
<newvarcte depth="2.6" _rem="Water level" />
<newvarcte wperiod="2.0" wheight="0.14" _rem="Wave parameters: Period and Wave height" />
<newvarcte ang="25" _rem="Beach angle (if not beach ang = 90)" />
<newvarcte n_up="1" n_down="0" _rem="Number of wave length upstream and downstream" />
<newvarcte tankw="1.0" _rem="Basin (tank) width for 3-D cases" />
```



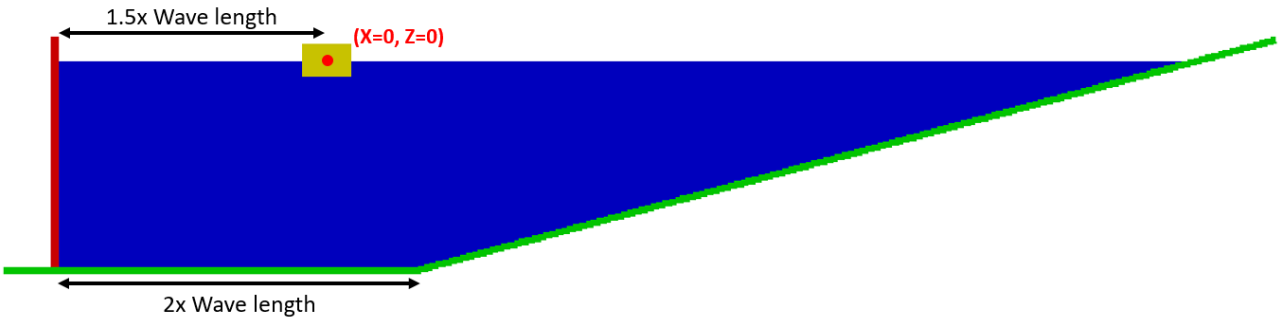
2) Case 2D, **T=1.2**, H=0.14 and beach with angle=25

```
<!-- User-defined variables  -->
<newvarcte case3d="false" _rem="Defines case 3D or 2D" />
<newvarcte use_beach="true" _rem="Creates an absorption beach" />
<newvarcte depth="2.6" _rem="Water level" />
<newvarcte wperiod="1.2" wheight="0.14" _rem="Wave parameters: Period and Wave height" />
<newvarcte ang="25" _rem="Beach angle (if not beach ang = 90)" />
<newvarcte n_up="1" n_down="0" _rem="Number of wave length upstream and downstream" />
<newvarcte tankw="1.0" _rem="Basin (tank) width for 3-D cases" />
```



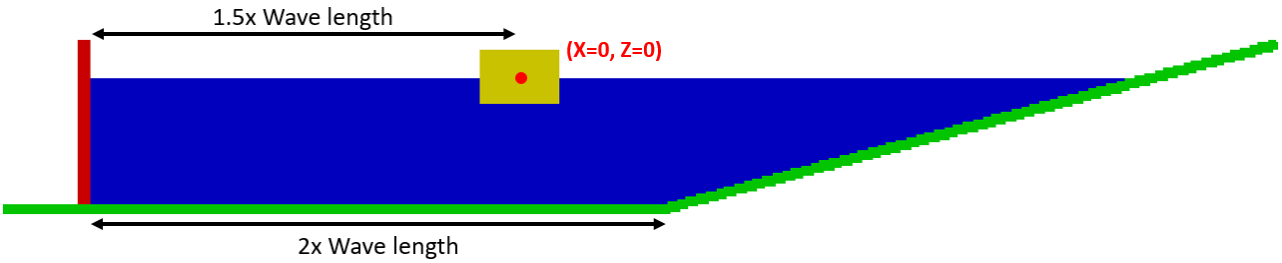
3) Case 2D, T=1.2, H=0.14, depth=2.6 and beach with **angle=15**

```
<!-- User-defined variables  -->
<newvarcte case3d="false" _rem="Defines case 3D or 2D" />
<newvarcte use_beach="true" _rem="Creates an absorption beach" />
<newvarcte depth="2.6" _rem="Water level" />
<newvarcte wperiod="1.2" wheight="0.14" _rem="Wave parameters: Period and Wave height" />
<newvarcte ang="15" _rem="Beach angle (if not beach ang = 90)" />
<newvarcte n_up="1" n_down="0" _rem="Number of wave length upstream and downstream" />
<newvarcte tankw="1.0" _rem="Basin (tank) width for 3-D cases" />
```



4) Case 2D, T=1.2, H=0.14, **depth=1.0**, n_down=0 and beach with angle=15

```
<!-- User-defined variables  -->
<newvarcte case3d="false" _rem="Defines case 3D or 2D" />
<newvarcte use_beach="true" _rem="Creates an absorption beach" />
<newvarcte depth="1.0" _rem="Water level" />
<newvarcte wperiod="1.2" wheight="0.14" _rem="Wave parameters: Period and Wave height" />
<newvarcte ang="15" _rem="Beach angle (if not beach ang = 90)" />
<newvarcte n_up="1" n_down="0" _rem="Number of wave length upstream and downstream" />
<newvarcte tankw="1.0" _rem="Basin (tank) width for 3-D cases" />
```

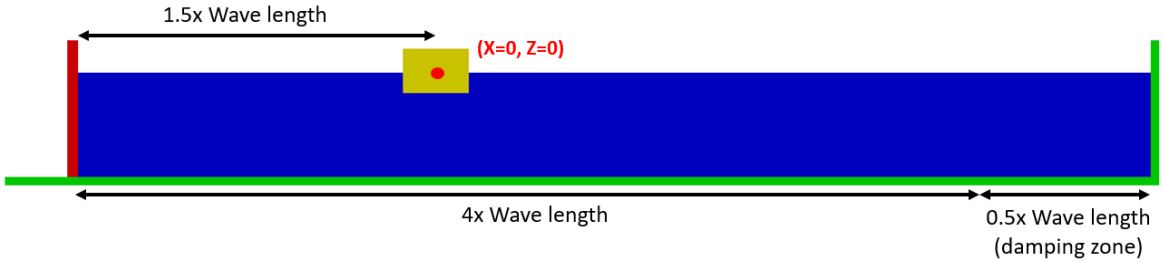


5) Case 2D, T=1.2, H=0.14, depth=1.0, **n_down=2** and beach with angle=15

```
<!-- User-defined variables  -->
<newvarcte case3d="false" _rem="Defines case 3D or 2D" />
<newvarcte use_beach="true" _rem="Creates an absorption beach" />
<newvarcte depth="1.0" _rem="Water level" />
<newvarcte wperiod="1.2" wheight="0.14" _rem="Wave parameters: Period and Wave height" />
<newvarcte ang="15" _rem="Beach angle (if not beach ang = 90)" />
<newvarcte n_up="1" n_down="2" _rem="Number of wave length upstream and downstream" />
<newvarcte tankw="1.0" _rem="Basin (tank) width for 3-D cases" />
```

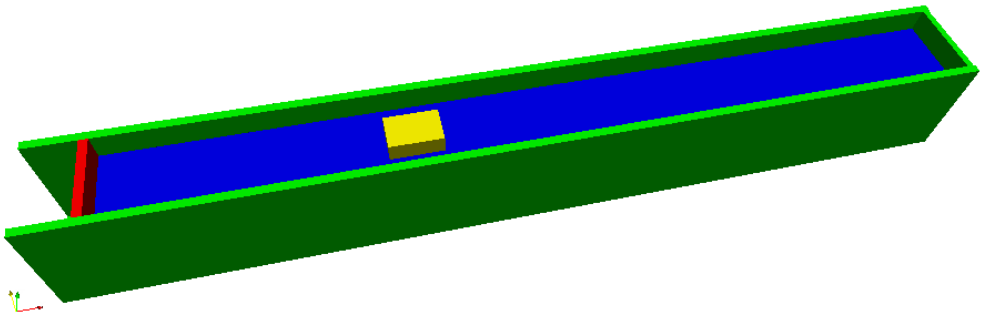
6) Case 2D, T=1.2, H=0.14, depth=1.0, n_down=2 and **without beach**

```
<!-- User-defined variables  -->
<newvarcte case3d="false" _rem="Defines case 3D or 2D" />
<newvarcte use_beach="false" _rem="Creates an absorption beach" />
<newvarcte depth="1.0" _rem="Water level" />
<newvarcte wperiod="1.2" wheight="0.14" _rem="Wave parameters: Period and Wave height" />
<newvarcte ang="15" _rem="Beach angle (if not beach ang = 90)" />
<newvarcte n_up="1" n_down="2" _rem="Number of wave length upstream and downstream" />
<newvarcte tankw="1.0" _rem="Basin (tank) width for 3-D cases" />
```



7) **Case 3D**, width=1.0, T=1.2, H=0.14, depth=1.0, n_down=2 and without beach

```
<!-- User-defined variables  -->
<newvarcte case3d="false" _rem="Defines case 3D or 2D" />
<newvarcte use_beach="false" _rem="Creates an absorption beach" />
<newvarcte depth="1.0" _rem="Water level" />
<newvarcte wperiod="1.2" wheight="0.14" _rem="Wave parameters: Period and Wave height" />
<newvarcte ang="15" _rem="Beach angle (if not beach ang = 90)" />
<newvarcte n_up="1" n_down="2" _rem="Number of wave length upstream and downstream" />
<newvarcte tankw="1.0" _rem="Basin (tank) width for 3-D cases" />
```



8) Case 3D, **width=2.0**, T=1.2, H=0.14, depth=1.0, **n_down=0** and **beach with angle=15**

```
<!-- User-defined variables  -->
<newvarcte case3d="false" _rem="Defines case 3D or 2D" />
<newvarcte use_beach="true" _rem="Creates an absorption beach" />
<newvarcte depth="1.0" _rem="Water level" />
<newvarcte wperiod="1.2" wheight="0.14" _rem="Wave parameters: Period and Wave height" />
<newvarcte ang="15" _rem="Beach angle (if not beach ang = 90)" />
<newvarcte n_up="1" n_down="0" _rem="Number of wave length upstream and downstream" />
<newvarcte tankw="2.0" _rem="Basin (tank) width for 3-D cases" />
```