

# Ro-Ro Vessel Stability Calculation Template

## Vessel Particulars

Vessel Name

IMO Number

Length Overall (m)

Breadth (m)

Depth (m)

Lightship Weight (t)

## Loading Condition

Displacement (t)

Draft (m)

Trim (m)

Water Density (t/m³)

## Cargo & Vehicle Data

Cargo/Vehicle	Weight (t)	Position (m)	Deck	Notes

## Stability Data

KG (Vertical center of gravity, m)

KM (Metacentric height above keel, m)

GM (Metacentric height, m)

Maximum Allowable GM (m)

## Results & Notes

Calculation Results

Remarks