Navigation speed assessment on Danube - Black Sea channel
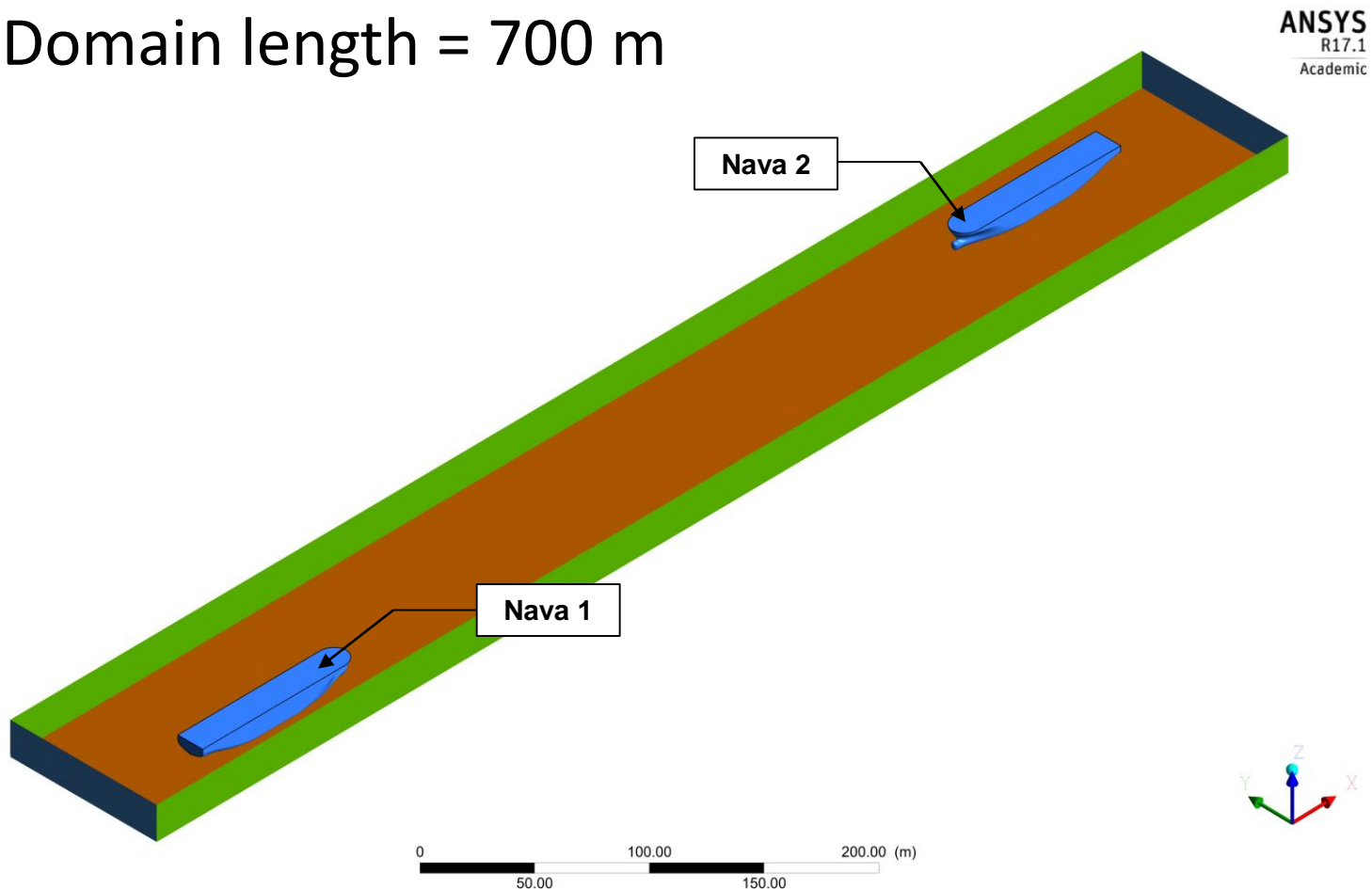
Prof.dr.ing. Florin Popescu

Dr.ing. Razvan Mahu

Prof.dr.ing. Ion Ion
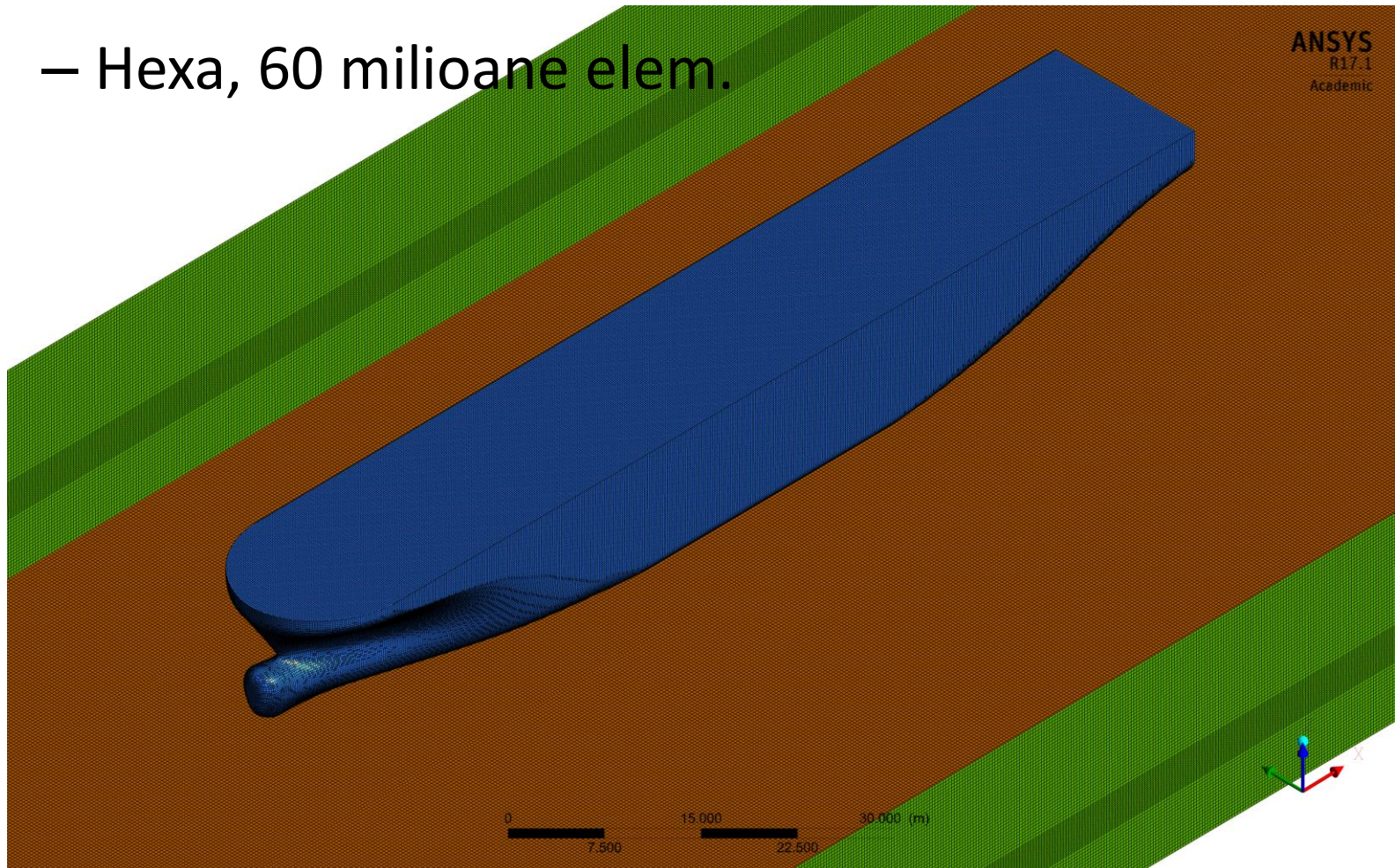
Computation domain

- Isometric vue
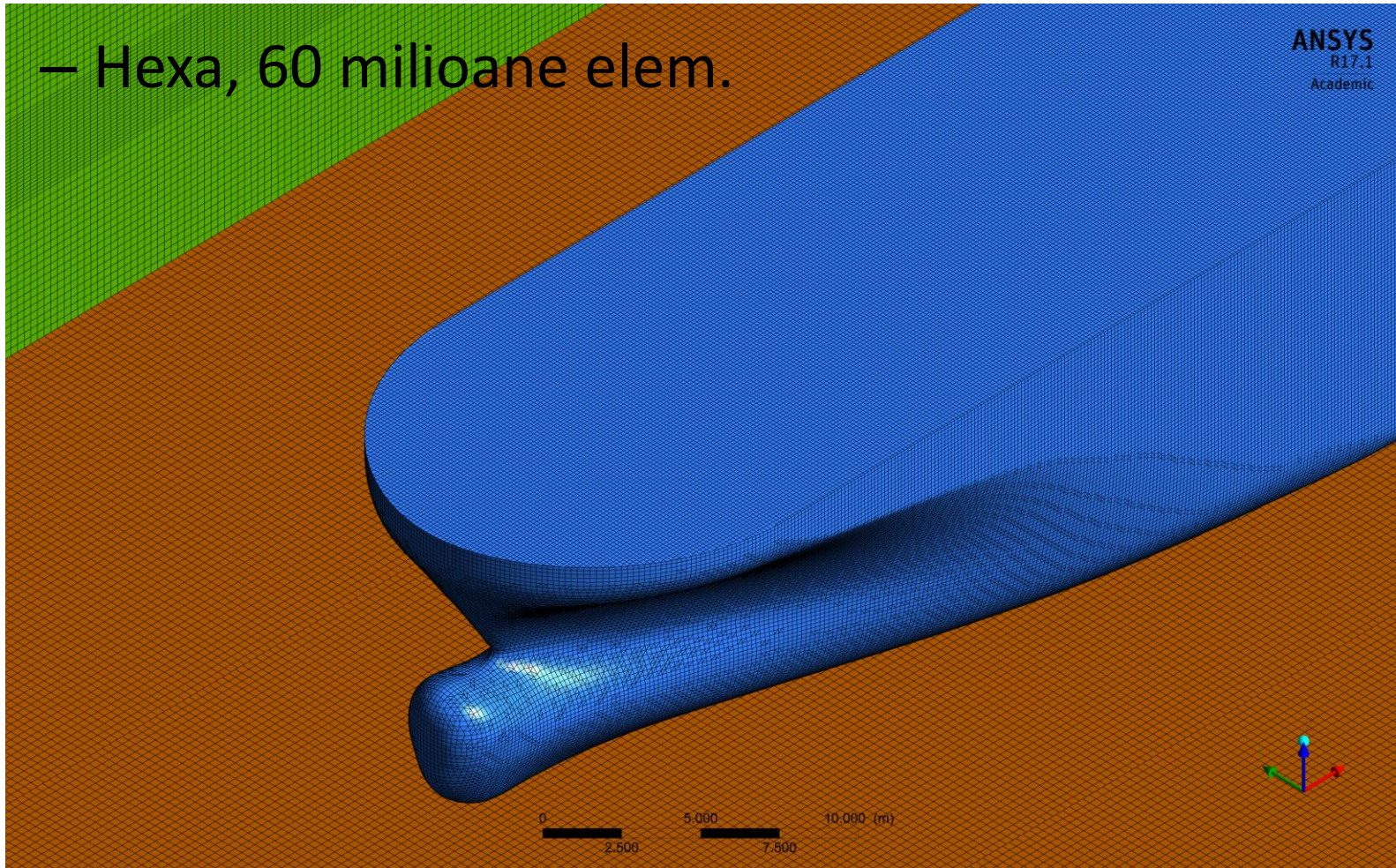 - Domain length = 700 m

Computation domain

- Discretization
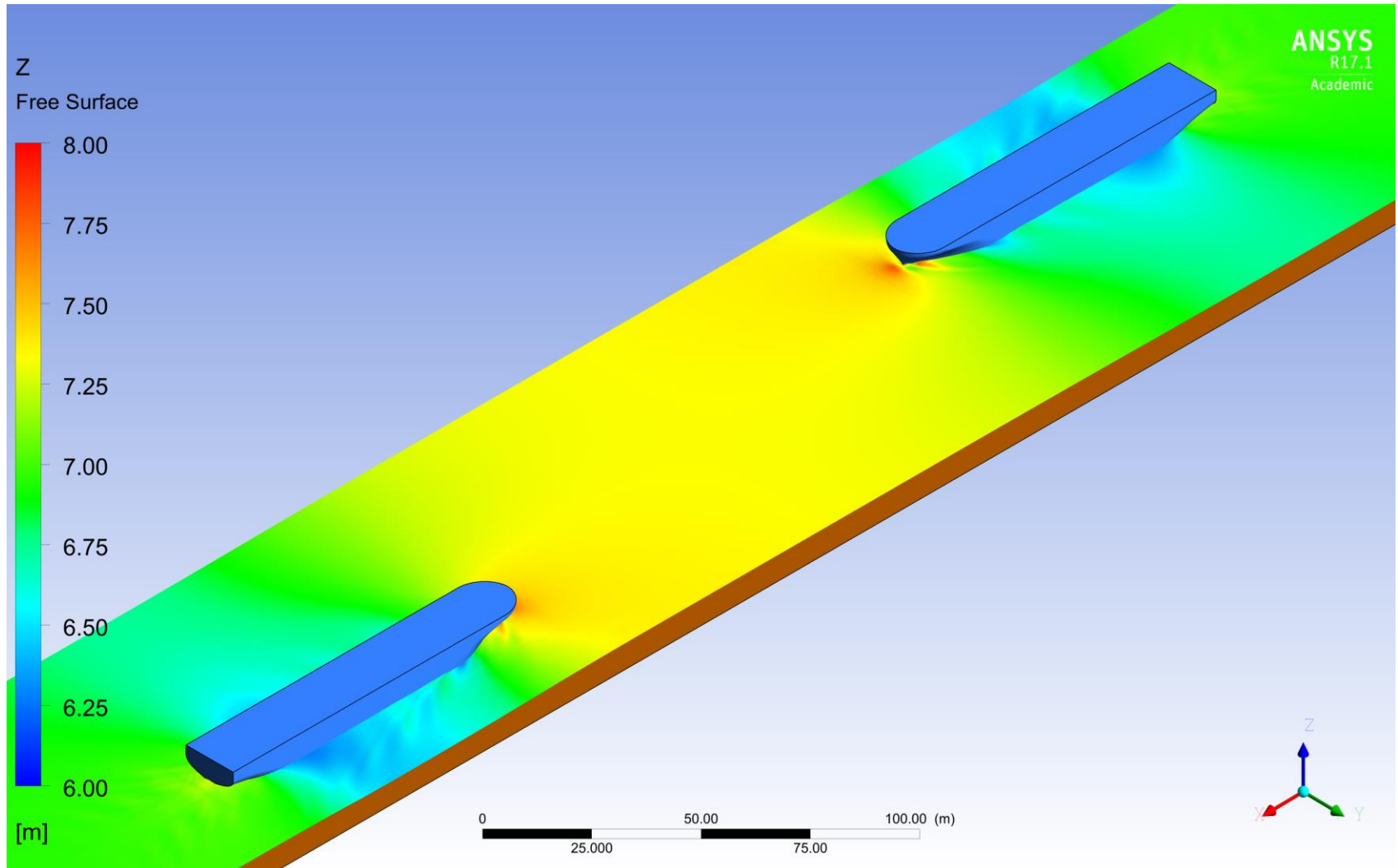 - Hexa, 60 milioane elem.

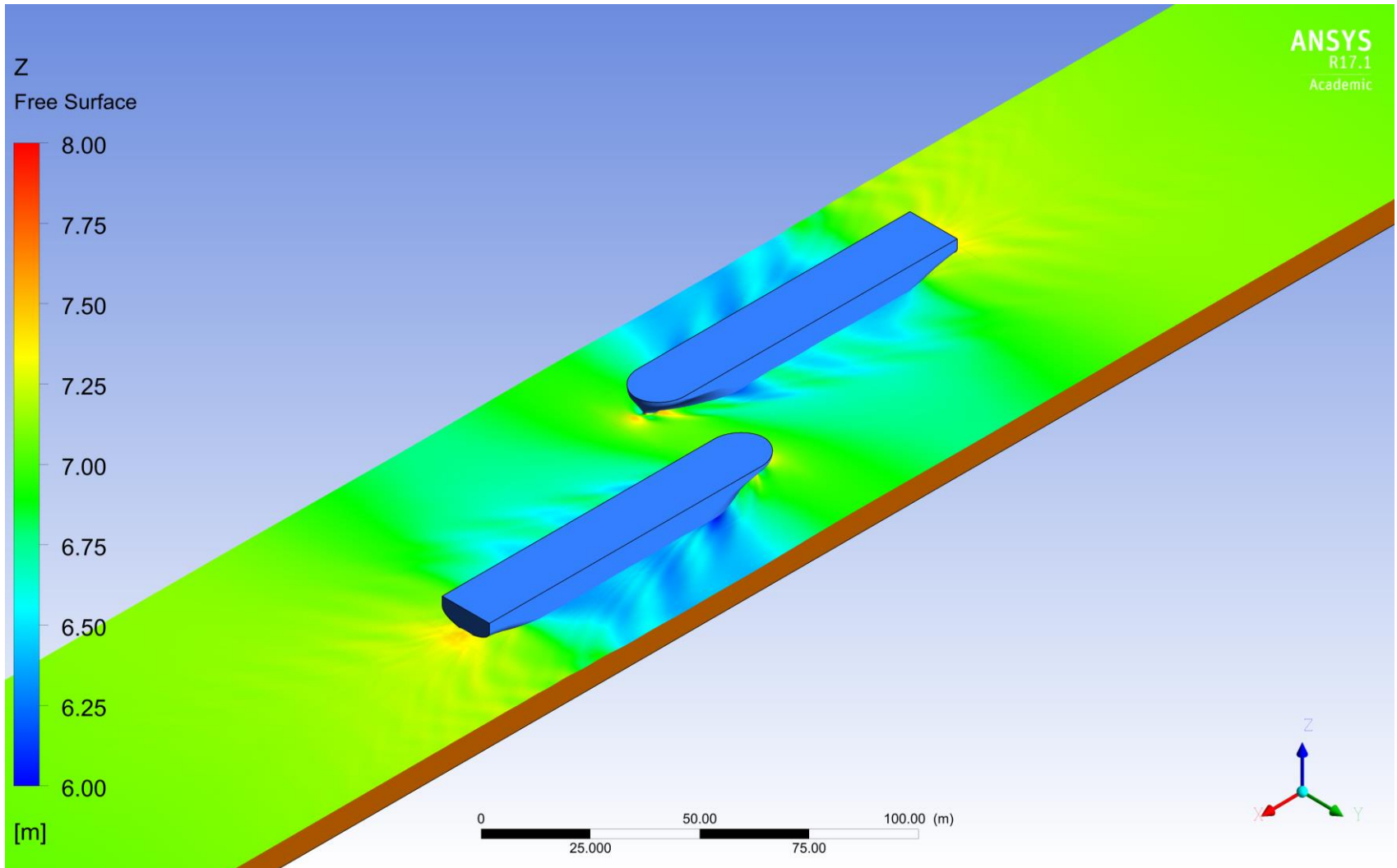# Computation domain

- Discretization
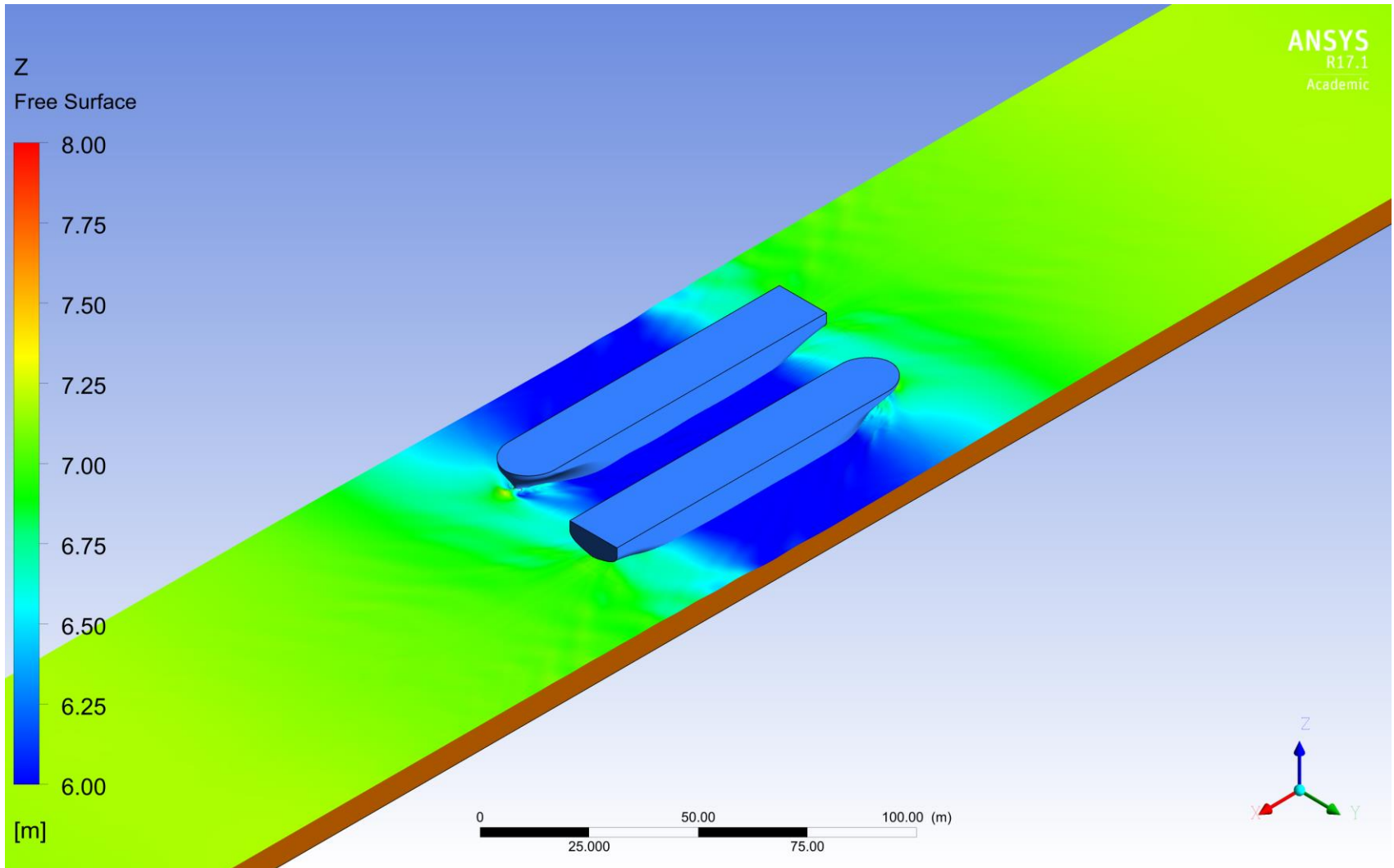 - Hexa, 60 milioane elem.

Results

- Free surface (Z), t = 60 s
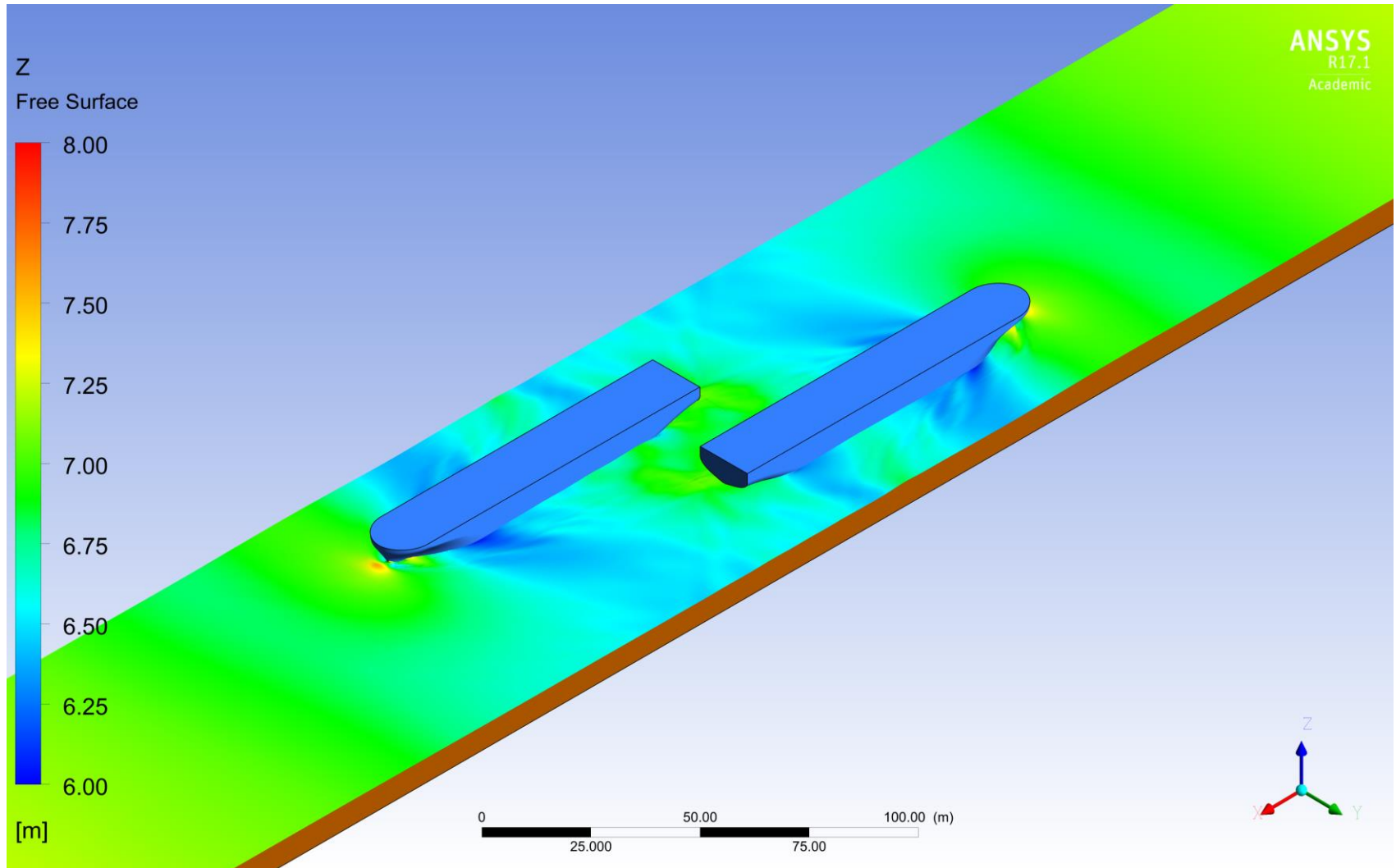
Results

- Free surface (Z), t = 80 s
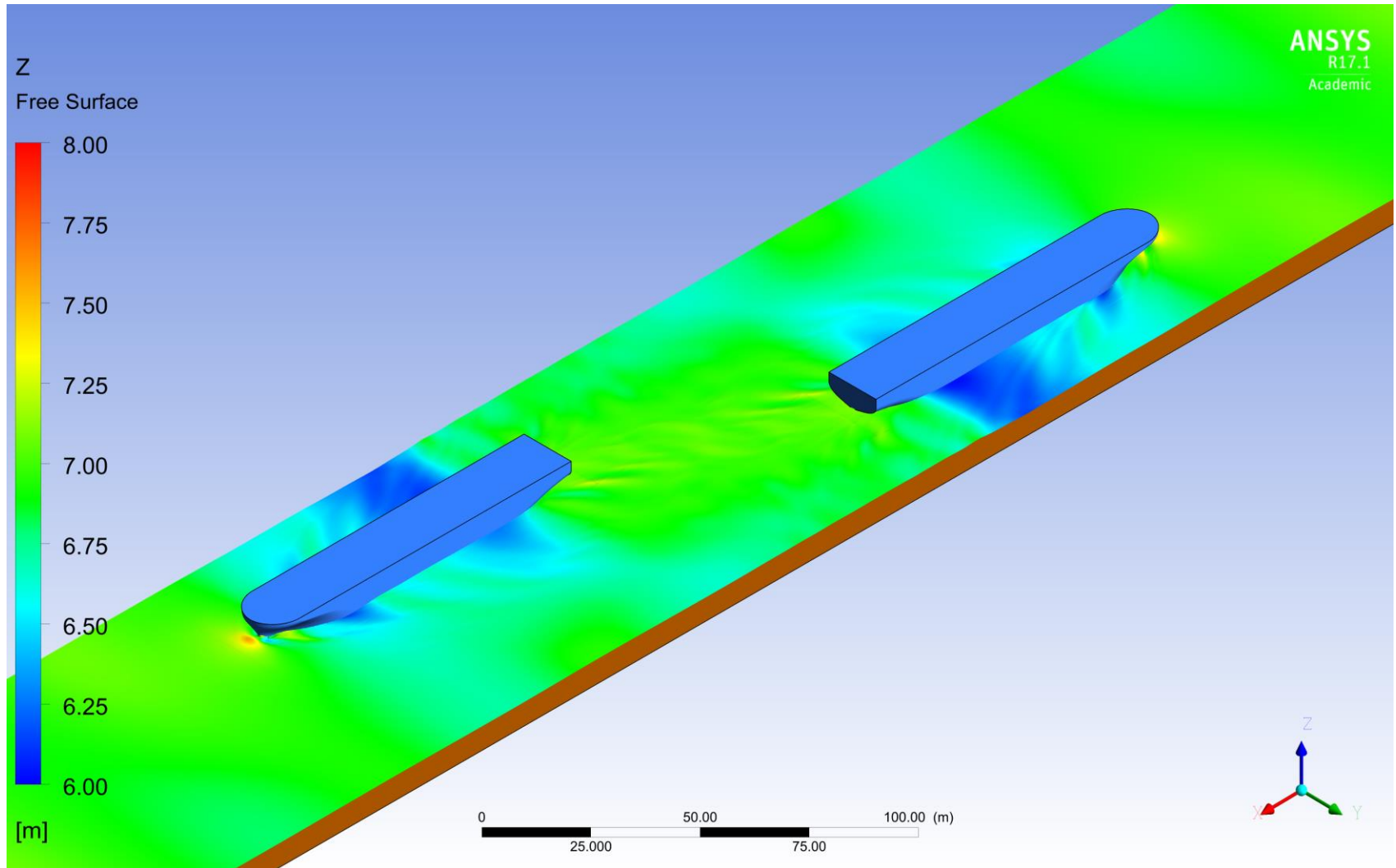
Results

- Free surface (Z), t = 90 s
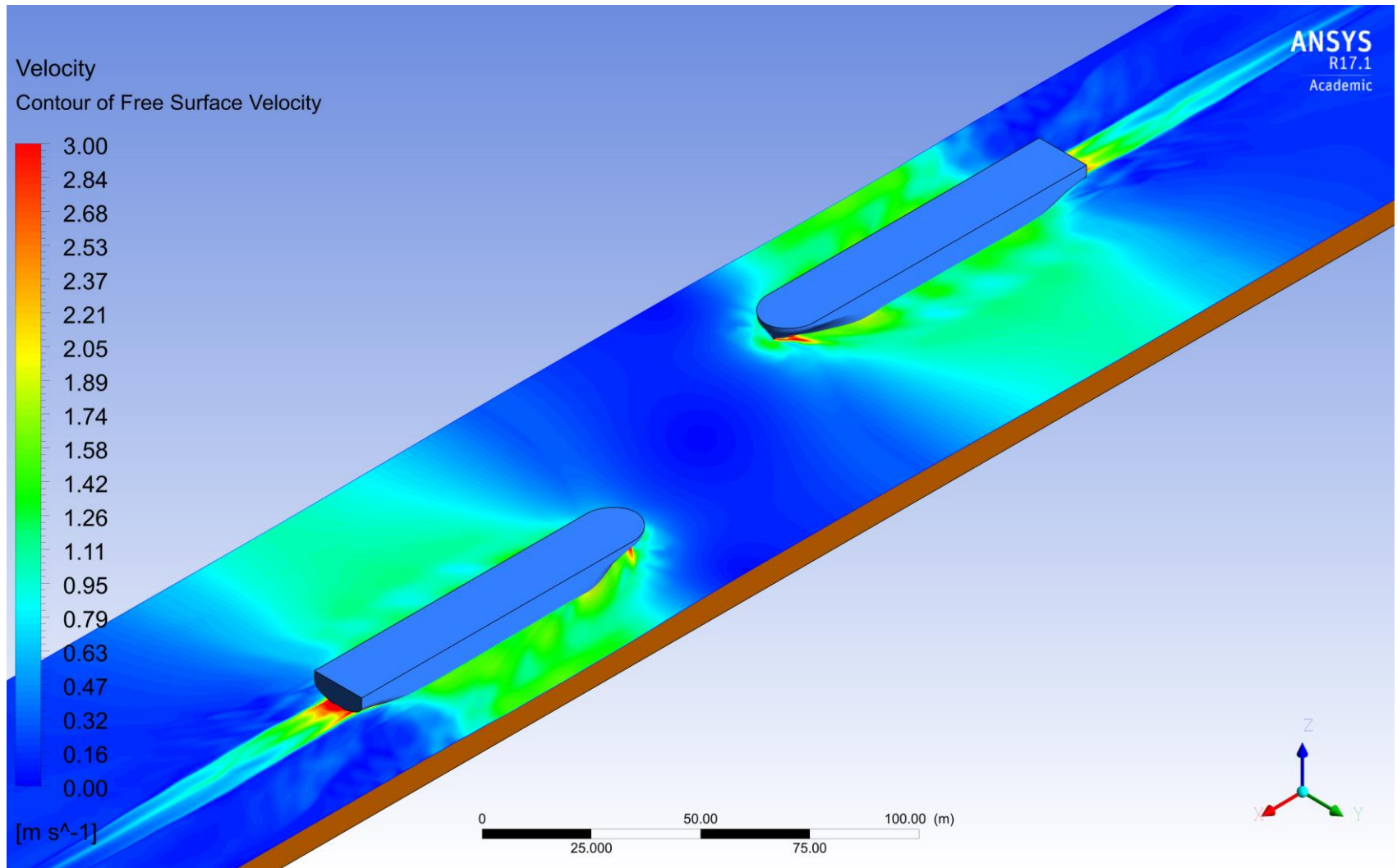
Results

- Free surface (Z), t = 100 s
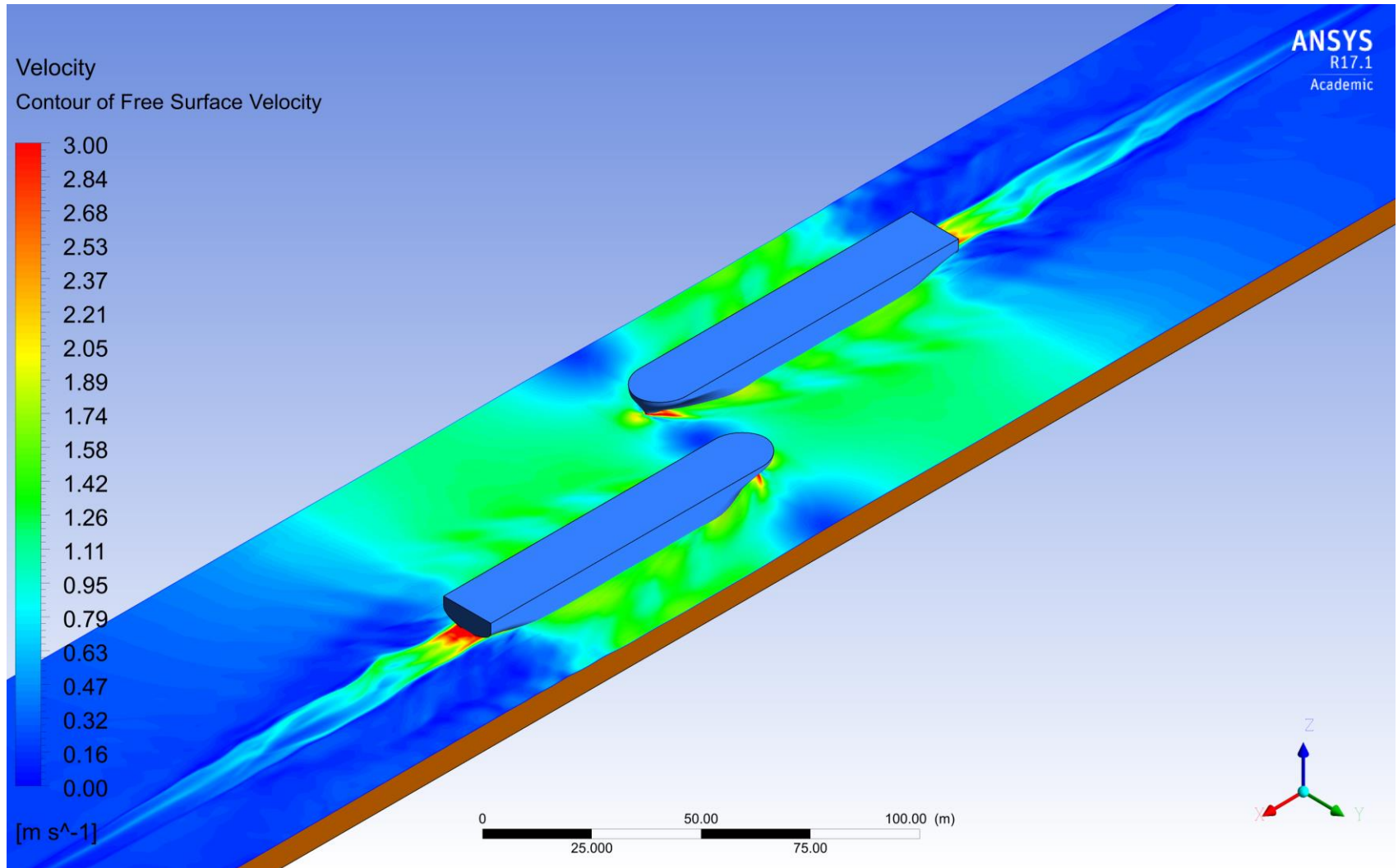
Results

- Free surface (Z), t = 110 s

Results
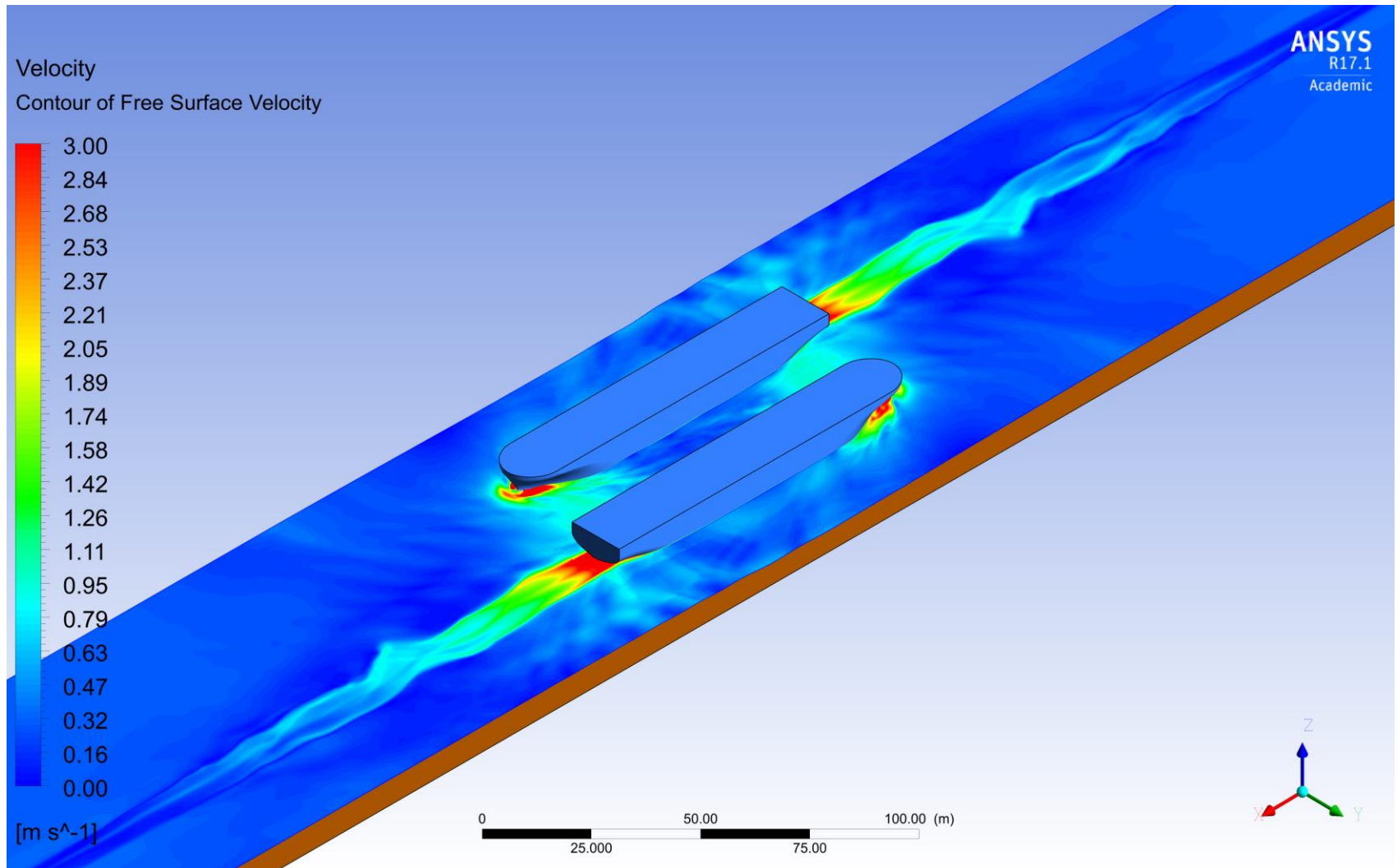
- Velocity on free surface, t = 70 s

Results
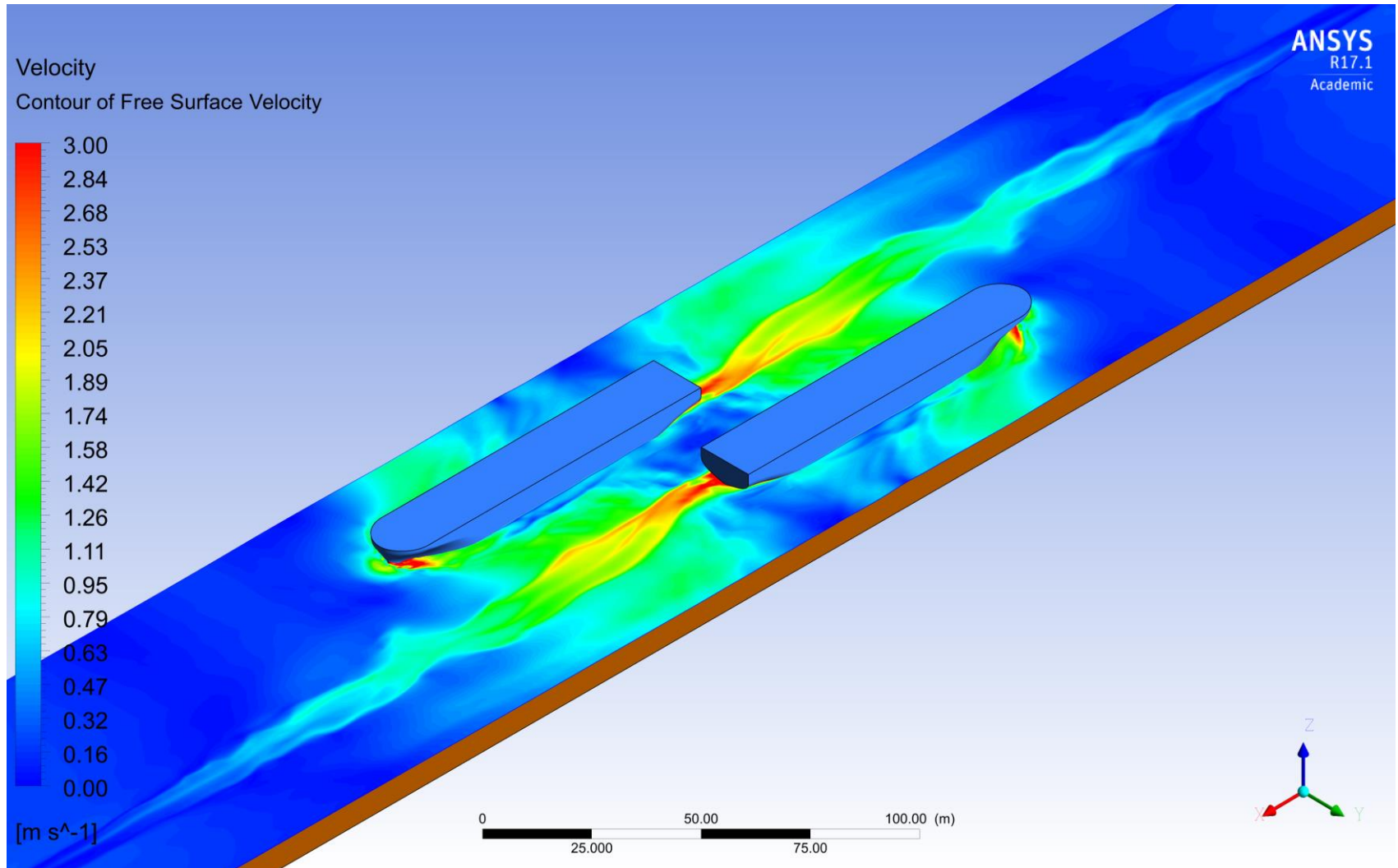
- Velocity on free surface, t = 80 s

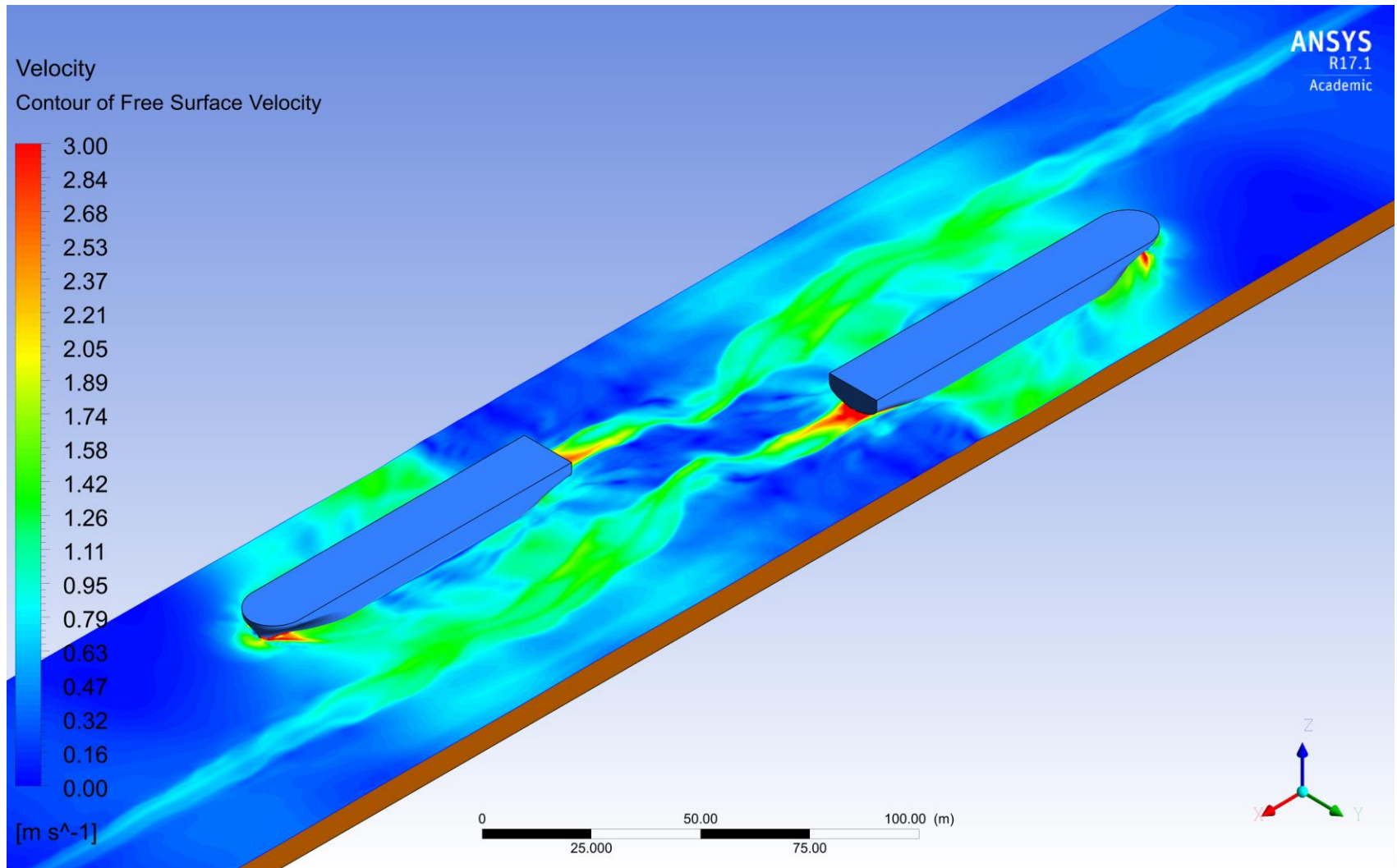# Results

- Velocity on free surface, t = 90 s

Results

- Velocity on free surface, t = 100 s

Results

- Velocity on free surface, t = 110 s

Results

- Velocity on free surface, t = 120 s