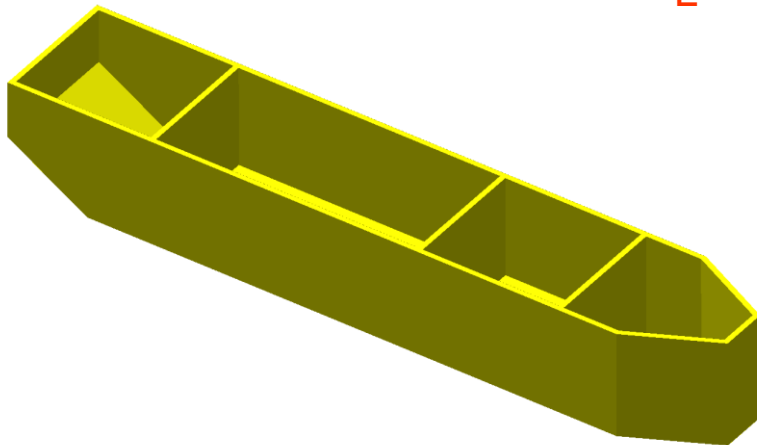
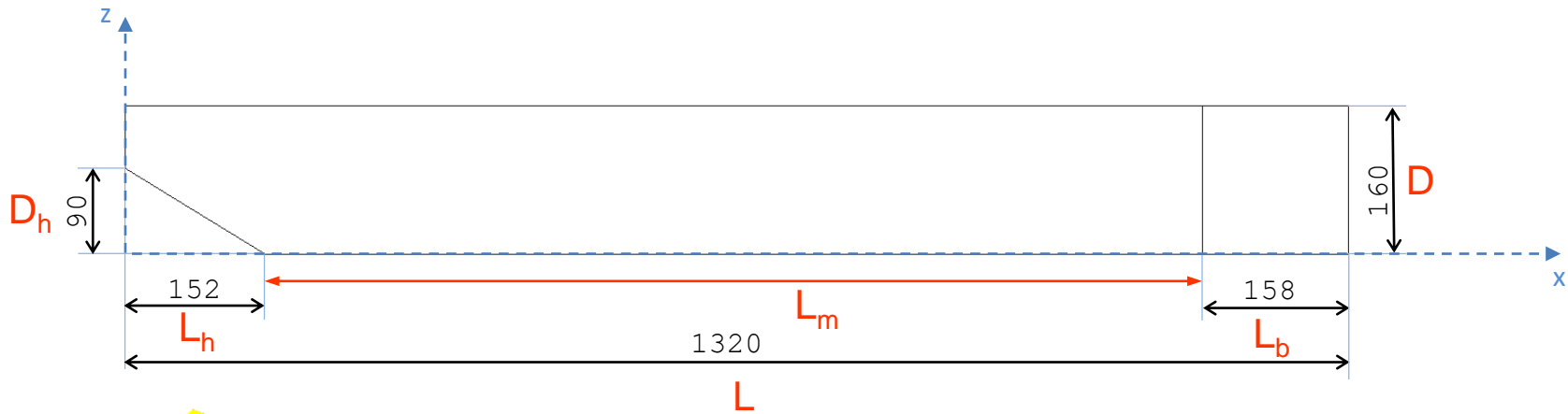
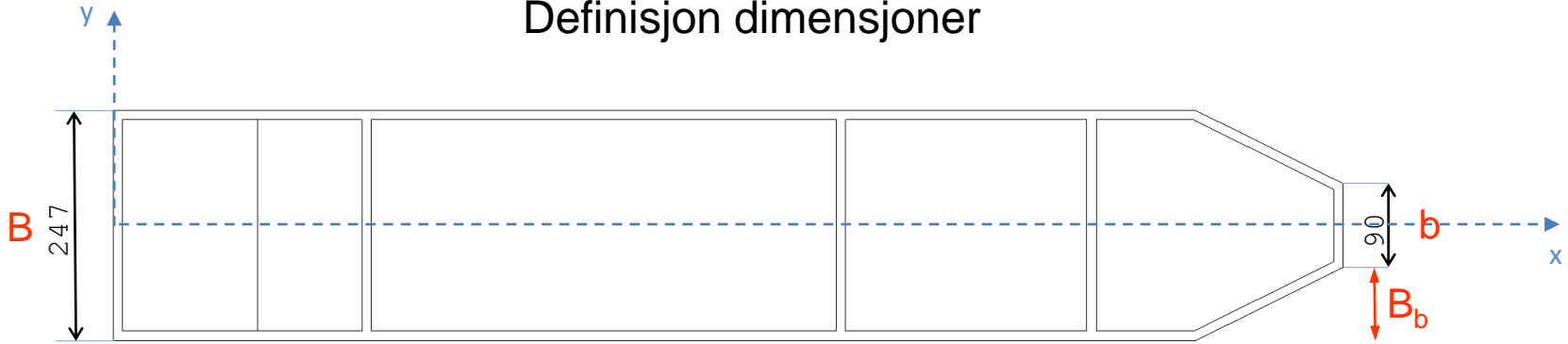


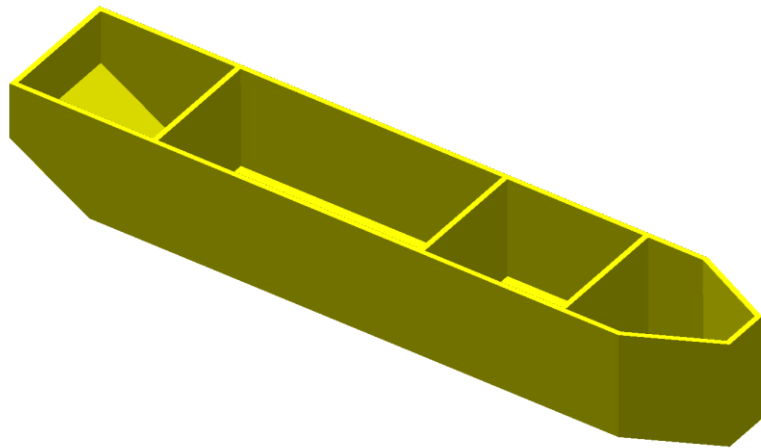
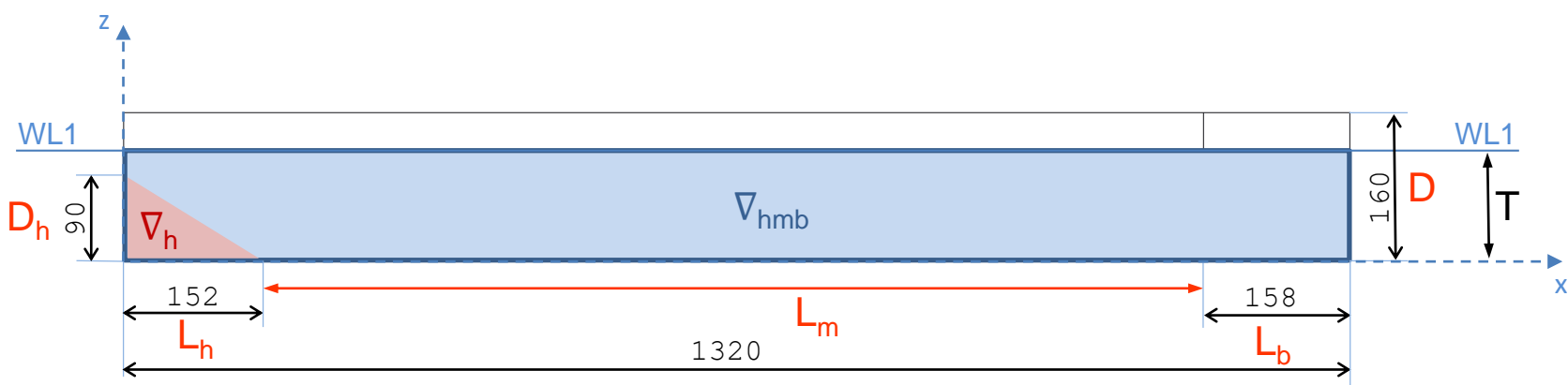
Definisjon dimensjoner



h – heck
m – mid
b – bow

| | | |
|-------------------------|-----------|-------------|
| Krengelaborasjon modell | | MAS 124 |
| SI-enheter [mm] | Skala 0.3 | Vekt 7.4 kg |
| HVL Marin- og Maskin | GSTE | Side 1/1 |

Volumdeplasement $T > D_h$

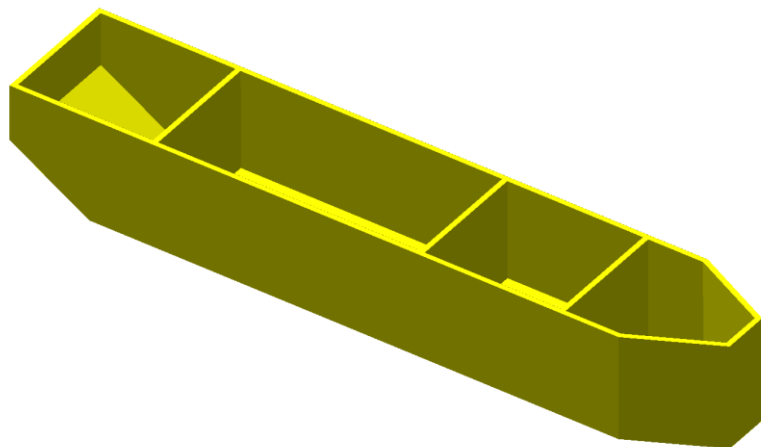
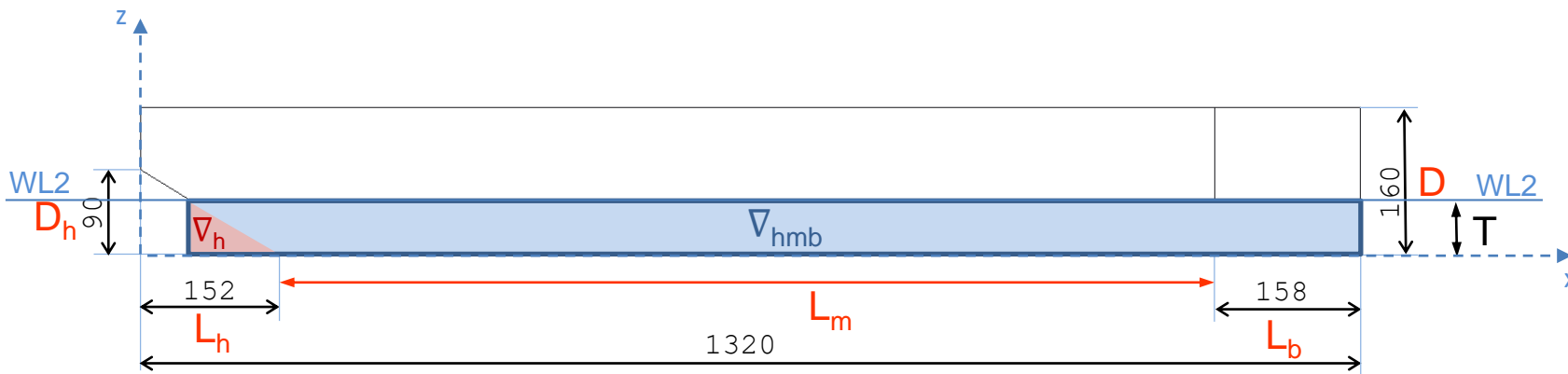


$$\nabla_{\text{tot}} = \nabla_{\text{hmb}} - \nabla_h$$

h – heck
m – mid
b – bow

| | | |
|-------------------------|-----------|-------------|
| Krengelaborasjon modell | | MAS 124 |
| SI-enheter [mm] | Skala 0.3 | Vekt 7.4 kg |
| HVL Marin- og Maskin | GSTE | Side 1/1 |

Volumdeplasement $T < D_h$



$$\nabla_{\text{tot}} = \nabla_{\text{hmb}} - \nabla_h$$

h – heck
m – mid
b – bow

| | | |
|-------------------------|-----------|-------------|
| Krengelaborasjon modell | | MAS 124 |
| SI-enheter [mm] | Skala 0.3 | Vekt 7.4 kg |
| HVL Marin- og Maskin | GSTE | Side 1/1 |

Eksakt løsning over og under knekk

rho=1000; % [kg/m³]

% over knekk $T > Dh$

$T = 0.1100000000000000$

$Aw = 0.3136370000000000$

$nabla = 0.0328105900000000$

$\delta = 32.8105900000000005$

$zB = 0.056287297790134$

$x_F = 0.635982567958075$

$I_x = 0.001535865131625$

$I_y = 0.042567995572027$

$BMT = 0.046810043087460$

$BML = 1.297385861455907$

$KMT = 0.103097340877595$

$KML = 1.353673159246041$

% under knekk $T < Dh$

$T = 0.0300000000000000$

$Aw = 0.2886076666666667$

$nabla = 0.0084705100000000$

$\delta = 8.4705100000000000$

$zB = 0.015110807967879$

$x_F = 0.686743751705988$

$I_x = 0.001408613915181$

$I_y = 0.033228006093829$

$BMT = 0.166296234250424$

$BML = 3.922786950706496$

$KMT = 0.181407042218303$

$KML = 3.937897758674375$