2 TONNAGE CALCULATION

Rule 3 - Gross tonnage (GT)

Total volume of the ship	V =	329	(m
Expression K1 = 0.2+0.02*log(V)	K1 =	0.250	
Gross tonnage GT = K1*V	GT =	82	

Rule 4 - Net tonnage (NT)

Input values:

Total volume of cargo space.....	Vc =	119	(m
Depth moulded	D =	2.48	(m
Summer draught	d =	2.10	(m
Number of N1-passengers	N1 =	7	
Number of N2-passengers	N2 =	0	

Constants:

Expression K2 = 0.2+0.02*log(Vc)	K2 =	0.241	
Expression K3 = 1.25*(GT+10000)/10000	K3 =	1.260	

Rule 4.1 a):

Expression (4d/3D)^2	=	48.219	
Maximum value 1.0	=	1.000	
	Fa =	1	

Rule 4.1 b):

Expression K2*Vc*Fa	=	28.643	
Minimum value 0.25*GT	=	21	
	Fb =	29	

Rule 4.1 c):

Expression Fb+K3*(N1+N2/10)	=	37.465	
Minimum value 0.30*GT	=	25	
	NT =	37	

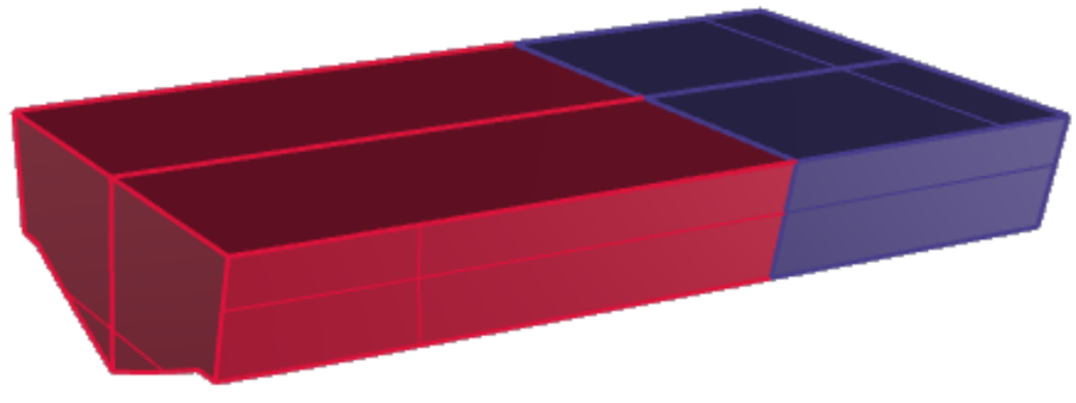
2.1 GROSS TONNAGE COMPARTMENTS

NAME	DESCRIPTION	XMIN m	XMAX m	L m	VOLM m^3
Aftbody_GT	Aftbody_GT	-1.40	4.20	5.60	93.6
EngineArea_GT	EngineArea_GT	4.20	14.00	9.80	174.4
Forebody_GT	Forebody_GT	21.00	29.63	8.63	61.3
Gross tonnage volume					329.3

2.2 CARGO COMPARTMENTS

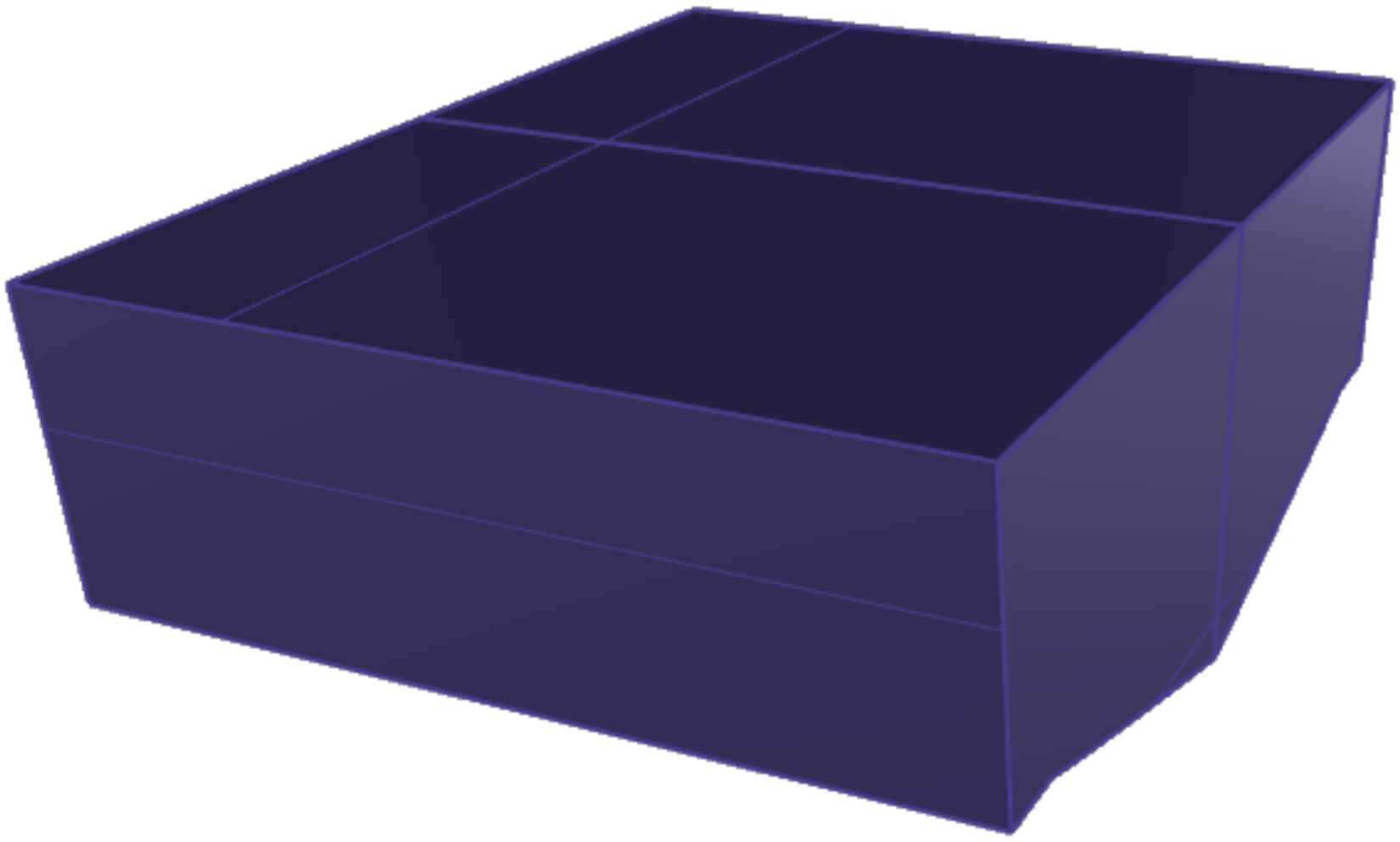
NAME	DESCRIPTION	XMIN m	XMAX m	L m	VOLM m^3
CargoArea_GT	CargoArea_NT	14.00	21.00	7.00	118.6
Cargo compartment volume					118.6

3.2 TONHULL

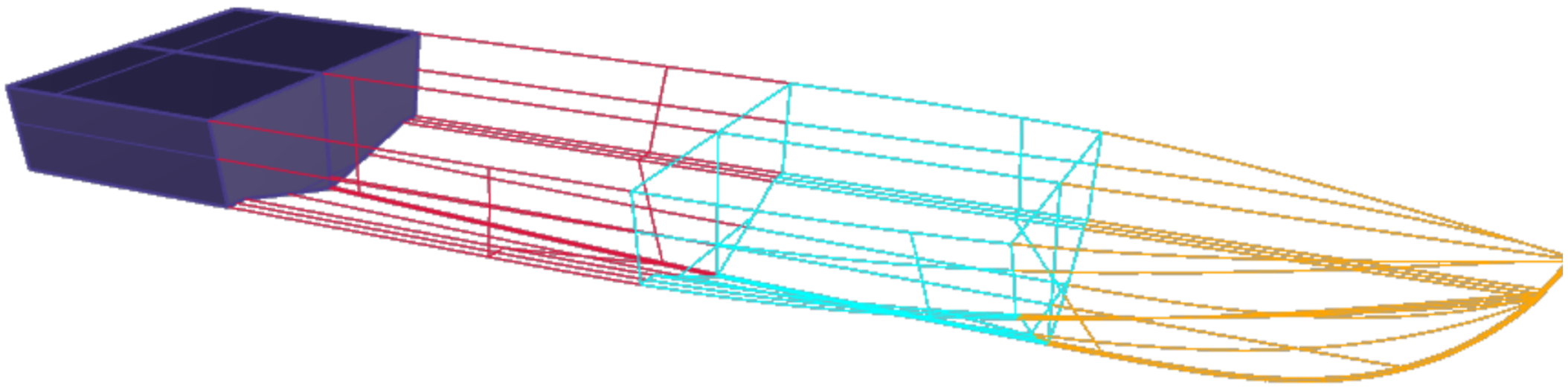


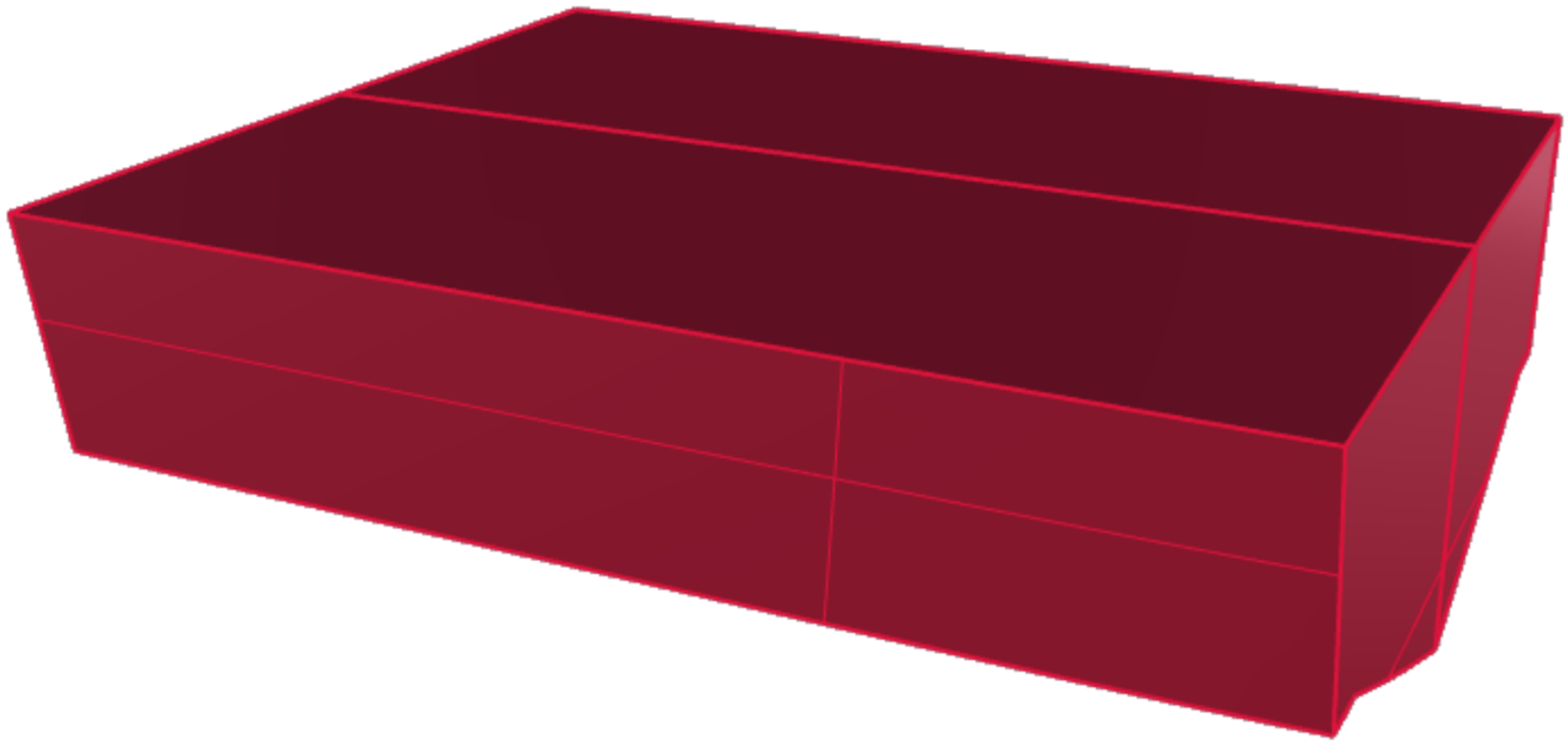
The gross tonnage compartment

3.3 GROSS TONNAGE COMPARTMENT

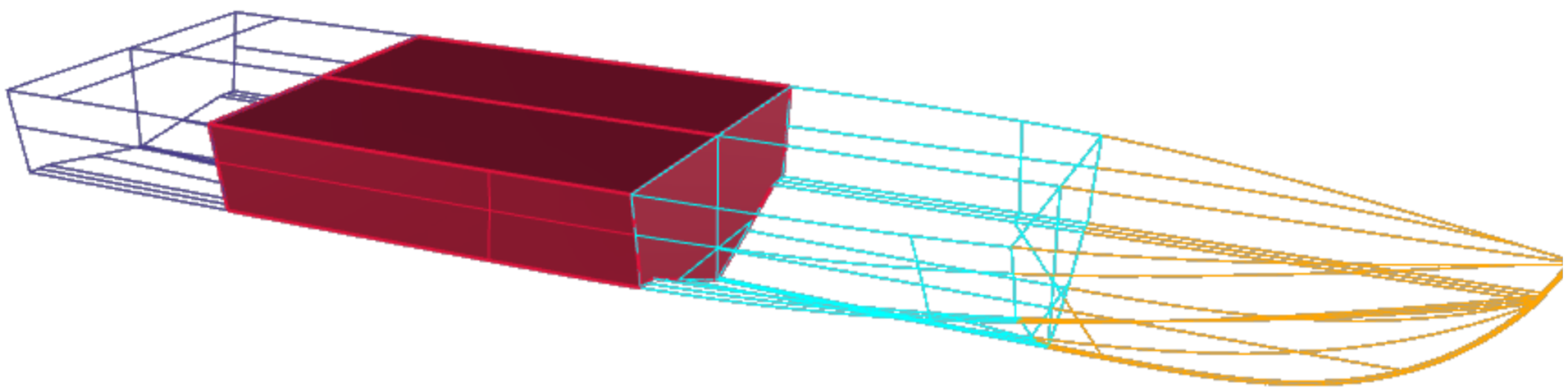


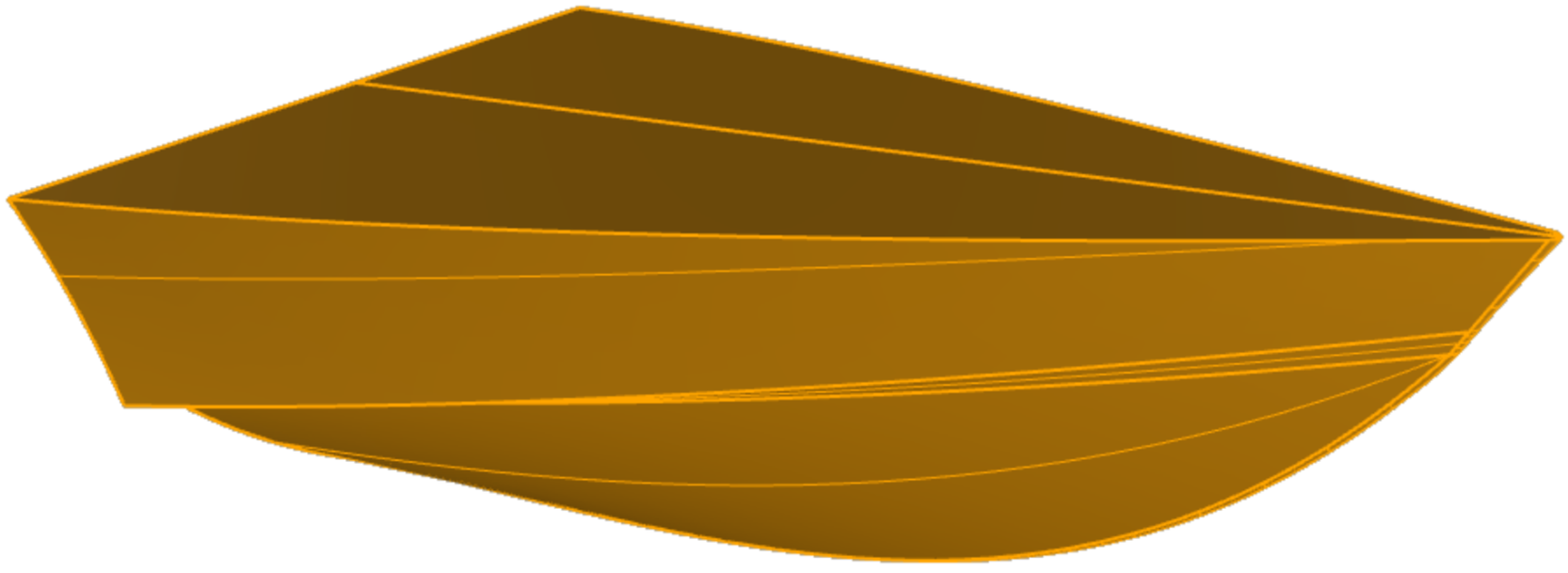
Gross tonnage compartment Aftbody_GT



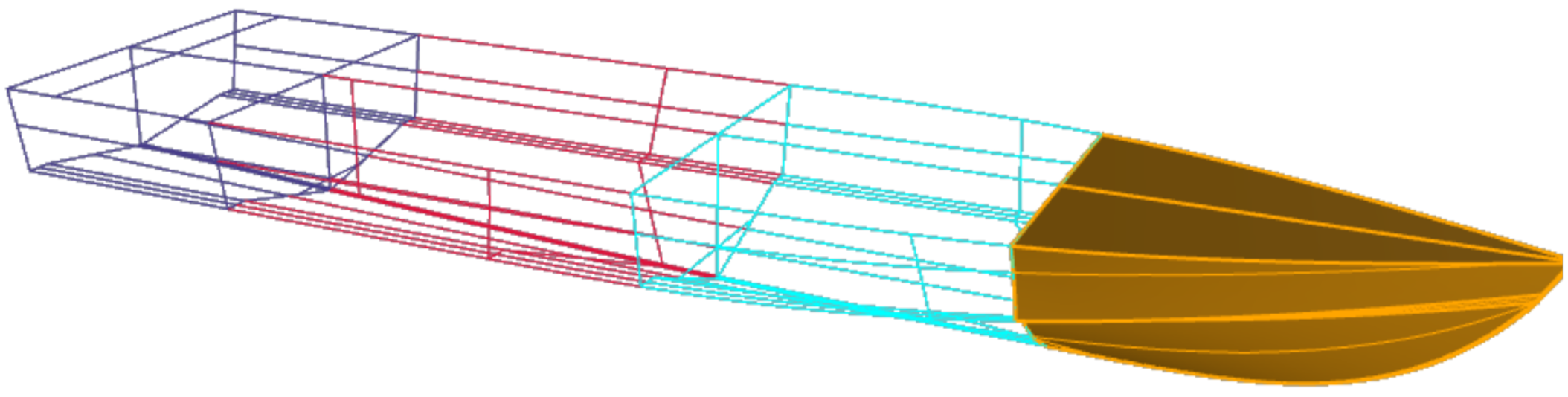


Gross tonnage compartment EngineArea_GT

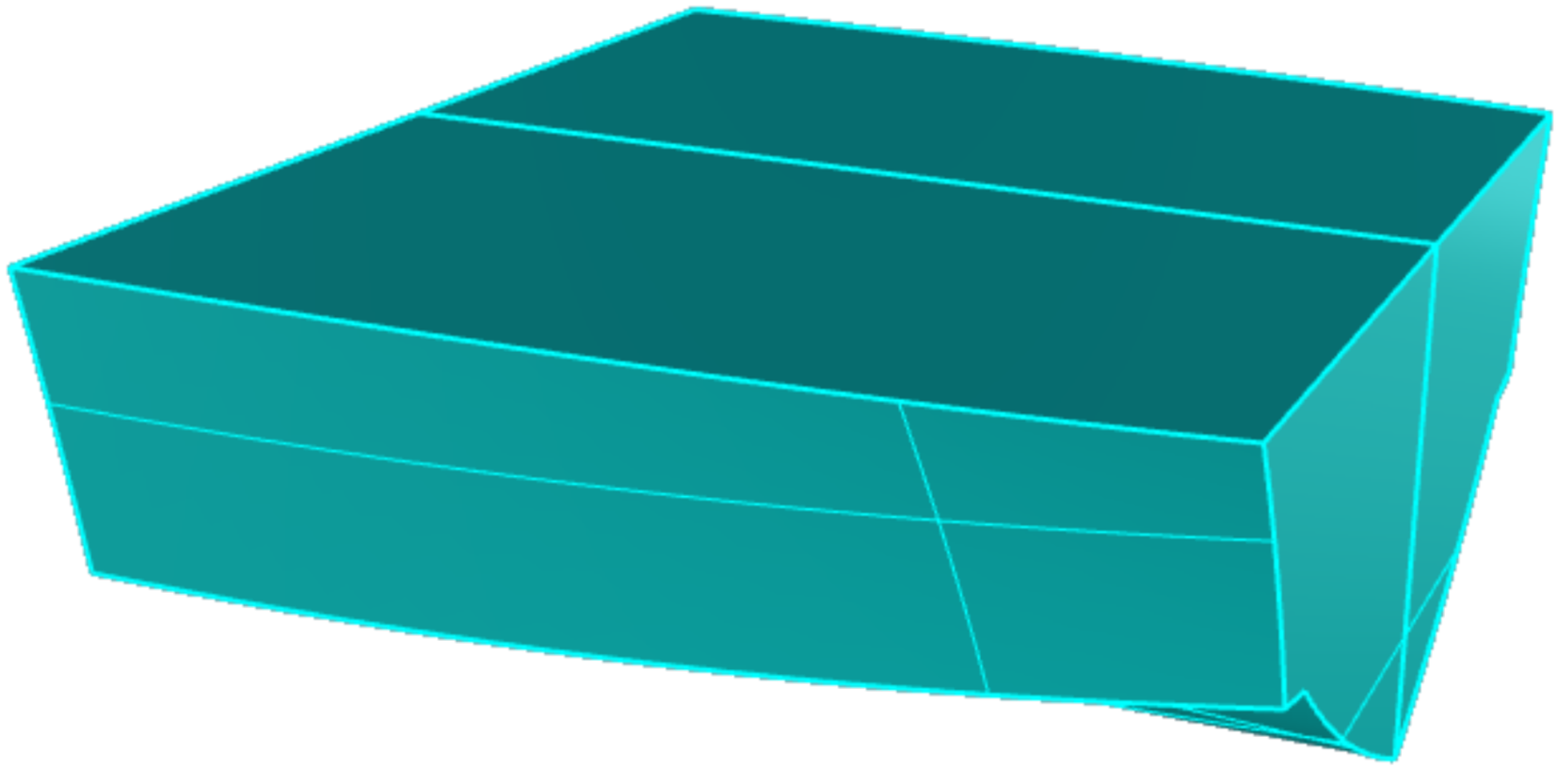




Gross tonnage compartment Forebody_GT



3.4 CARGO COMPARTMENTS



Cargo compartment CargoArea_GT