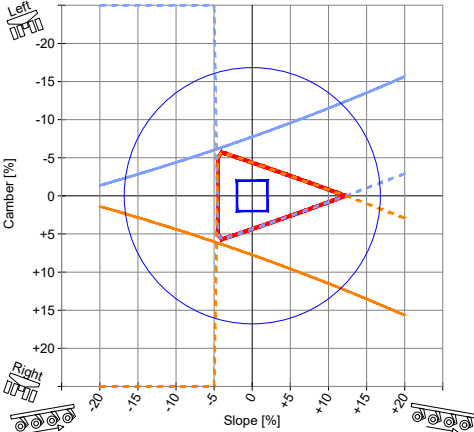
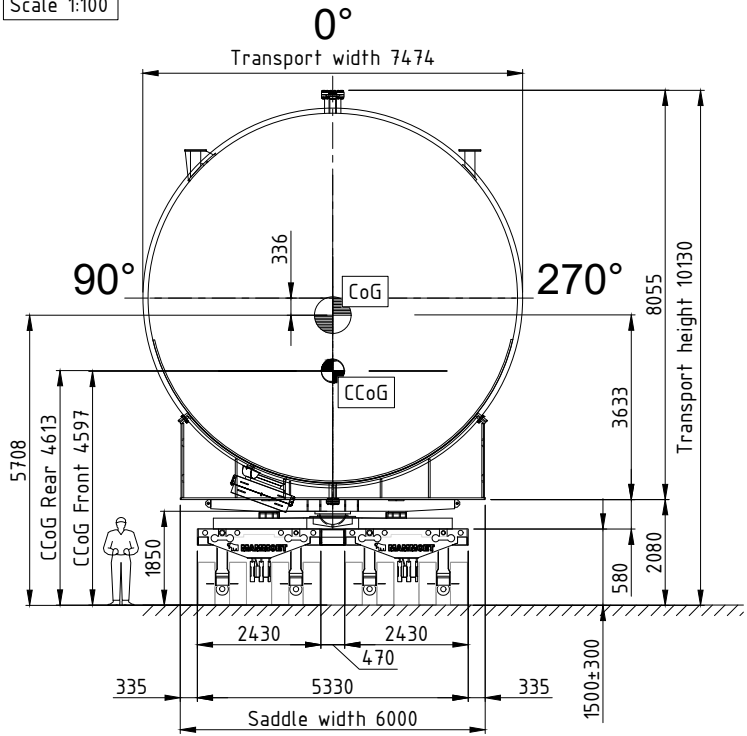


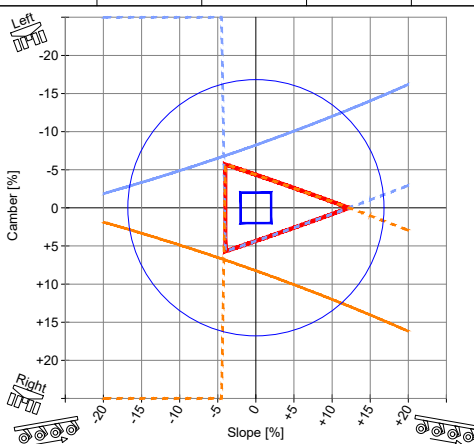
TRAILER DATA - SPMT 2							
12 Lines SPMT M78 X20 D24 TT20		Zone A/B	Zone C	Zone D	Total		
Number of Bogies		8	8	8	24		
Zone load		67.2	104.0	104.0	275.3	t	
Load per bogie		8.4	13.0	13.0	13.0	t	
Bogie capacity		20.0	20.0	20.0	20.0	t	
Ground bearing pressure		4.9	7.6	7.6	7.6	t/m ²	
Conditions		Left Right 					
Long-Haul							
Speed	5km/h						
	Long.						Transv.
Acceleration	4.0%						2.0%
Required stability	2%						2%
Wind	0.2%						0.8%
Wind area	48m ²						213m ²
Press. point	4.248m						4.534m
Shape factor	1.2						1.2
Calc. windspeed		12.0m/s					
Height		1.500m					
Legend							
Traction limit							
Available stability							
Required stability							
Left Min (60%)							
Left Max (100%)							
Right Min (60%)							
Right Max (100%)							
This trailer is: SUITABLE for the intended transport		 Dynamic stability is developed by MAMMOET and verified by DNV-GL					
Weight break down	Weight [t]	X [m]	Y [m]	Z [m]			
Bolster Rear	9.4	-9.900	0.000	1.851			
Bullet-Rear	202.9	-9.900	0.000	5.708			
SPMT 2	63.0	-11.538	0.000	1.500			
Total	275.3	-10.275	0.000	4.613			

Rearview
Scale 1:100

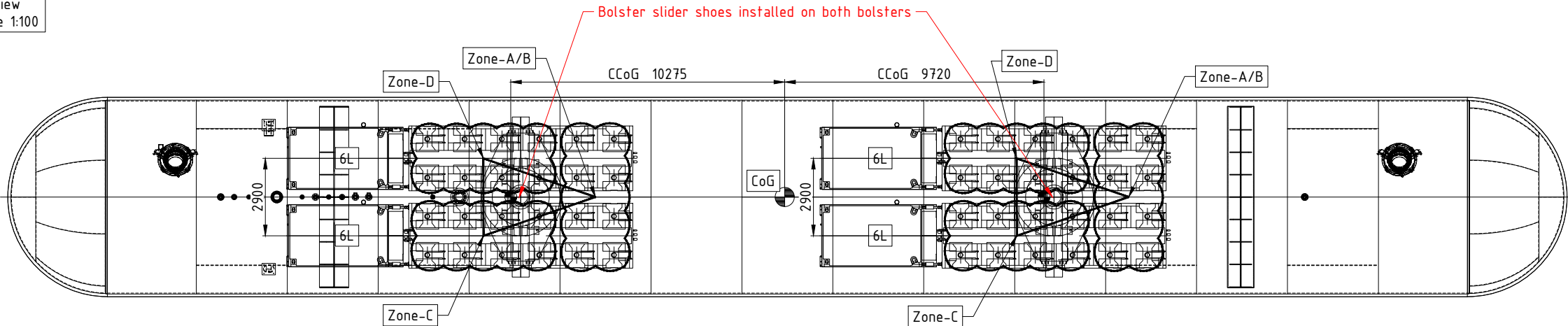


Cargo weight breakdown:

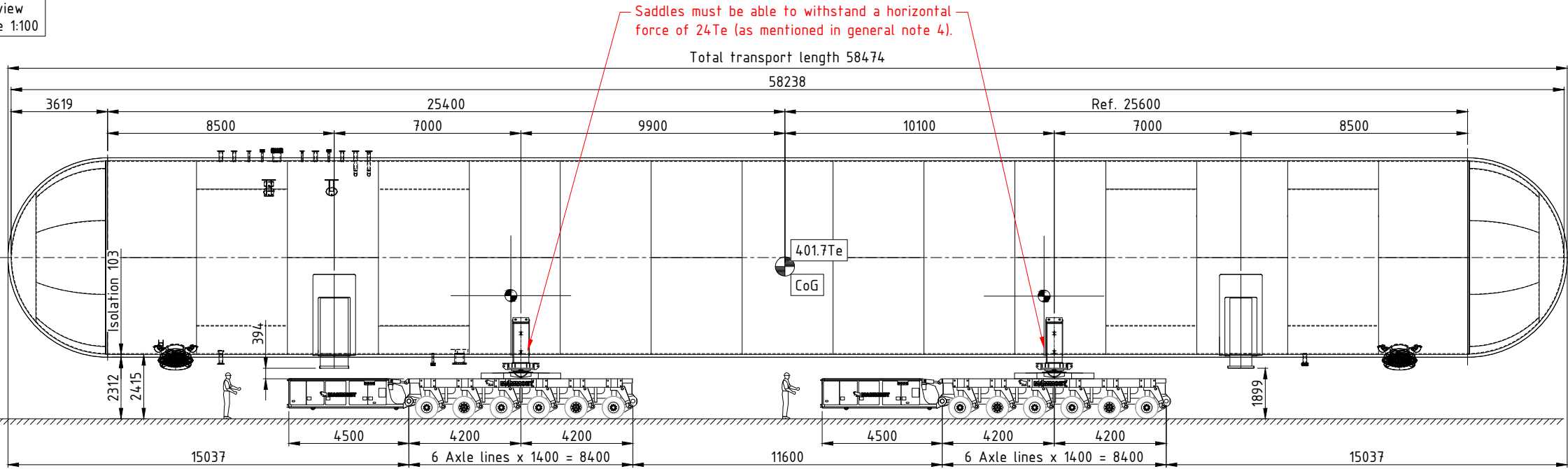
- Bullet = 382Te
- Transportations saddle (each) = 4.25Te
- Transport weight = 390Te (Bullet + temporary blinds + transportation saddles)
- 3% contingency over 390Te = 11.7Te
- Total = 390Te + 11.7Te = 401.7Te

TRAILER DATA - SPMT 1						
12 Lines SPMT M78 X20 D24 TT20		Zone A/B	Zone C	Zone D	Total	
Number of Bogies		8	8	8	24	
Zone load		65.8	102.7	102.7	271.2 t	
Load per bogie		8.2	12.8	12.8	12.8 t	
Bogie capacity		20.0	20.0	20.0	20.0 t	
Ground bearing pressure		4.8	7.5	7.5	7.5 t/m²	
Conditions		Left Right 				
Long-Haul						
Speed	5km/h					
	Long.					Transv.
Acceleration	4.0%					2.0%
Required stability	2%					2%
Wind	0.2%					0.8%
Wind area	48m²					213m²
Press. point	4.248m					4.534m
Shape factor	1.2					1.2
Calc. windspeed	12.0m/s					
Height	1.500m					
Legend						
Traction limit						
Available stability						
Required stability						
Left Min (60%)						
Left Max (100%)						
Right Min (60%)						
Right Max (100%)						
This trailer is: SUITABLE for the intended transport		Dynamic stability is developed by MAMMOET and verified by DNV-GL				
Weight break down	Weight [t]	X [m]	Y [m]	Z [m]		
Bolster Front	9.4	10.100	0.000	1.851		
Bullet-Front	198.8	10.100	0.000	5.708		
SPMT 1	63.0	8.462	0.000	1.500		
Total	271.2	9.720	0.000	4.597		

Topview
Scale 1:100



Sideview
Scale 1:100



GENERAL NOTES								
1	THE TRAILER CONFIGURATION IS CHECKED AND APPROVED FOR SHOWN LOADINGS.							
2	THE CLIENT IS RESPONSIBLE FOR THE PREPARATION OF THE TRANSPORT AREA TO ENSURE THAT IT IS CAPABLE OF ACCOMMODATING THE LOADS GENERATED BY THE TRAILERS DURING ALL TRANSPORT / LOADING / UNLOADING OPERATIONS. GROUND TO BE SUITABLE COMPACTED & LEVELED FOR SAFE & CONVENIENT TRANSPORT OPERATION.							
3	THE CLIENT IS RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE LOAD TO BE TRANSPORTED.							
4	THE CLIENT IS TO IDENTIFY AND CONFIRM THE SUITABILITY OF THE SUPPORT POINTS TO BE UTILIZED DURING THE TRANSPORT OF THE LOAD. SADDLE STABILITY AND STRENGTH SHOULD BE SUFFICIENT FOR A HORIZONTAL LOAD OF MINIMUM 24Te.							
5	SECURE CARGO ONTO THE TRAILER USING LASHING MATERIAL TO PREVENT SLIDING AND/OR TIPPING OFF THE LOAD.							
6	ANTI SLIP MATERIAL TO BE USED BETWEEN ALL STEEL CONTACT AREAS TO PROMOTE FRICTION.							
REFERENCE DRAWINGS								
REF	DRAWING NUMBER			REV				
01	34854-001-001 (General Arrangement - Bullet SR601)			04				
02	34854-000-800 (Transportation drawing)			00				
03	34854-000-830 (Transportation saddle)			00				
DRAWING STATUS								
ISSUED FOR APPROVAL								
00	First Issue		08JUL24	BRie 903135		JBin 900061		
REV. DESCRIPTION:			DATE:	DRAWN:	CHECKED:			
Without authorized signatures this document is uncontrolled, not binding and for indicative purposes only.								
CLIENT:		GELDOF						
PROJECT:		CACTUS PROJECT						
TITLE:		TRANSPORT ARRANGEMENT WESTDORPE YARD TO YARA SITE OPTION 2						
 MAMMOET Karel Doormanweg 47, 3115 JD Schiedam, Harbour 580 P.O. Box 570, 3100 AN Schiedam, THE NETHERLANDS Tel. +31(0)10-2042424 / Fax. +31(0)10-2042442 www.mammoet.com			THIS PUBLICATION REMAINS THE PROPERTY OF THE PUBLISHER AND SHALL BE TREATED AS CONFIDENTIAL, UNLESS CONTRACTUALLY SPECIFIED OTHERWISE. NO PART OF IT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE PRIOR WRITTEN PERMISSION OF THE PUBLISHER. © 2000 MAMMOET [COSP-02-01-01]					
SCALE: NOTED		SIZE: A1		DRAWING NUMBER				
SAP No:		PROJECT No:		SUB:	DOC:	PART:	SHT.	REV.
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