

VEHICLE DIAGRAM BOOK

FOR

INTERNATIONAL FERRY VEHICLES

Part 3 (Diagrams E425 to E659)

Privately Owned International Ferry Vehicles
B.R. International Ferry Vehicles
Foreign Administration Vehicles

The diagrams in this book are from the collection of Trevor Mann. Multiple revisions of certain diagrams are presented where possible rather than single diagrams, as is usual in official publications, and this set of diagrams therefore represents a broader period of time.

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E. 425.
REV.

CAPACITY - 300hl/6600galls.

POWER BRAKE -

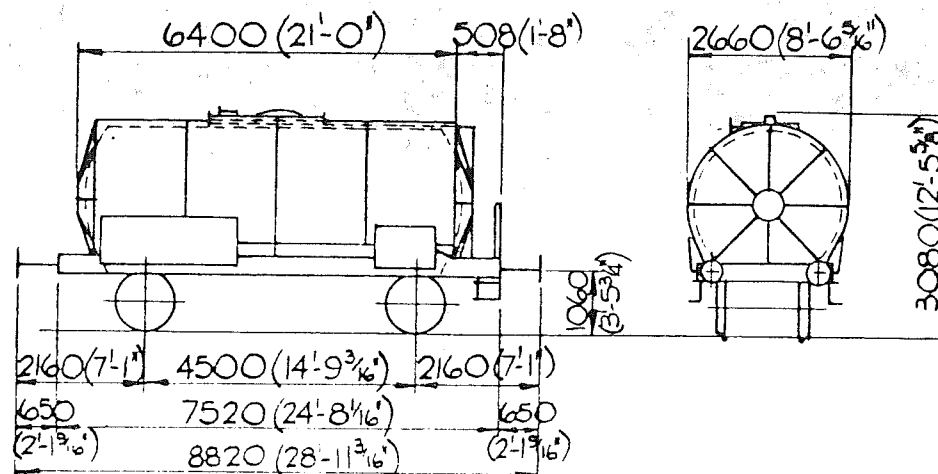
AIR WITH VACUUM THRO' PIPE.

HANDBRAKE -

LEVER.

TARE - 11T-16c.

LOAD -



	A	B	C
	19T-13c	23T-12c	27T-12c
5	19T-13c	23T-12c	

TANK WAGON - S.A.T.I. - BELGIUM. S.N.C.B.

TYPE - UFhs

VEHICLE N° - 21 88 078 5 001 TO 009

MINIMUM CURVE 60m. (3 CHAINS).

TOSS CODE

CARKNO & LARKNO

ITA 7 B Z 7

	H	M	L	E
TONS	40	36	19	12
VB	0	0	0	0
A.B.	26	26	8	8
R.A.	6	5	1	1
MAX. SPEED	50	62	62	62
LENGTH	1	3	4	

QTY. 9

OWNER - CIE AUXILIARE I.B.

E.425.
REV 3

CAPACITY - 300hl/6600galls.

POWER BRAKE -

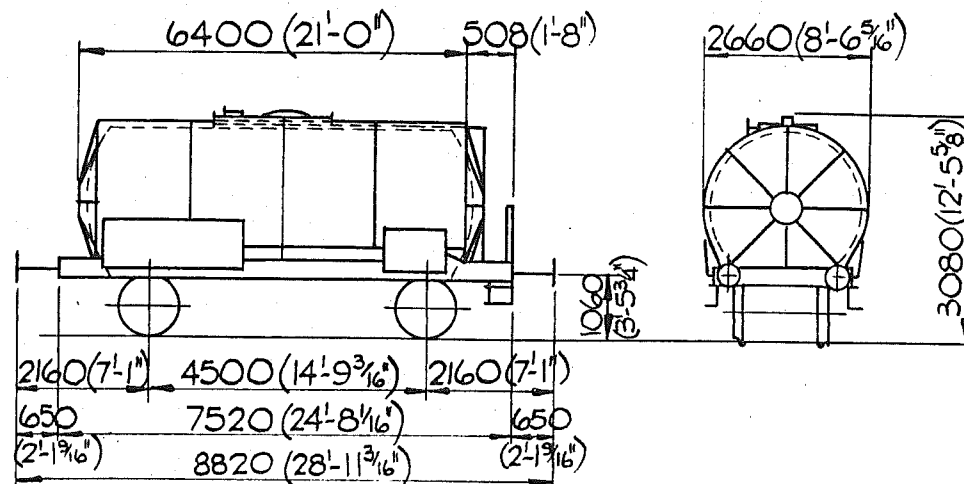
AIR WITH VACUUM THRO' PIPE.

HANDBRAKE -

LEVER.

TARE - 12 000 kg.

LOAD -



	A	B	C
	20t	24t	28t
S	20t	24t	

TANK WAGON. BELGIUM. S.N.C.B.

TYPE - Ufhs.

VEHICLE No. - 21 88 078 5 001 - 004, 007, 008,

MINIMUM CURVE 60m. (3 CHAINS.) 010.

TOPS CODE		
CARKND	AARKND	OPERATING PANEL No.
1 C B	1 C B B	

	H	M	L	E
TONS	40	36	19	12
V.B.	0	0	0	0
A.B.	26	26	8	8
R.A.	26	5	1	1
MAX. WGT.	60	62	62	62
MAX. WGT.	4			

QTY. 7

E.426.

REV.

CAPACITY - 33m³/1165 ft³.

TANK MATL - STEEL.

POWER BRAKE - COMPRESSED

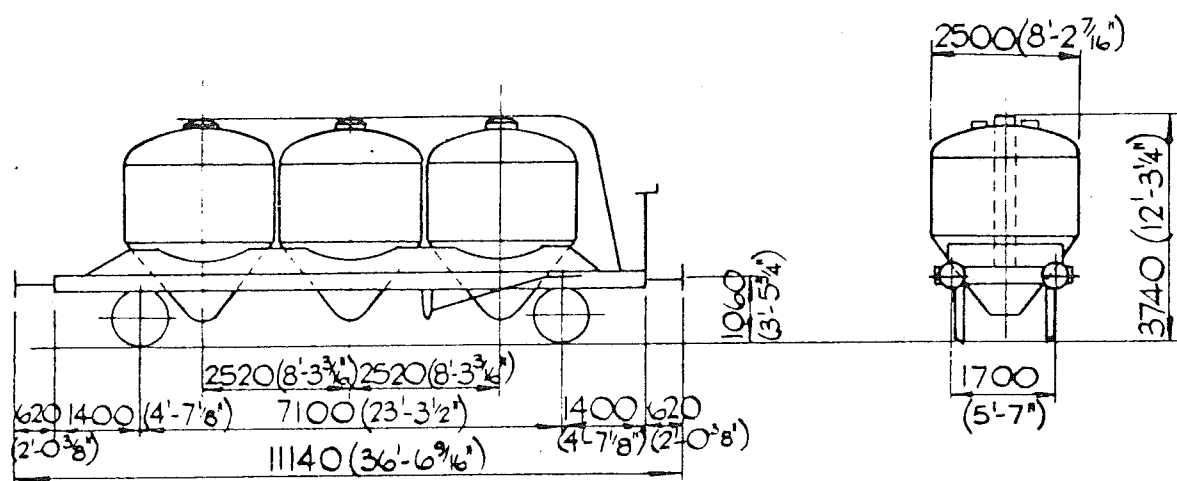
AIR. VACUUM THRO' PIPE.

HANDBRAKE - PLATFORM SCREW

HAND LEVER

TARE - 14T-11c.

LOAD -



TANK WAGON - FRENCH SILO WAGON (PROTOTYPE)

TYPE - Ufs.

VEHICLE N° - 21 87 098 5 000.

	A	B	C.
	16T-18c	21T-2c	25T-0c
S	16T-18c	21T-2c.	

	H	M	L	E
TONS	40	36	22	15
V.B	0	0	0	0
A.B	18	18	18	7
R.A	6	5	1	1
SPED	50	62	62	62
PSHP			7	

G.A. DRG. N°. -

QTY. 1.

E.426.
REV.2

CAPACITY - 33m³/1165 ft³.

TANK MATL. - STEEL.

POWER BRAKE. - COMPRESSED

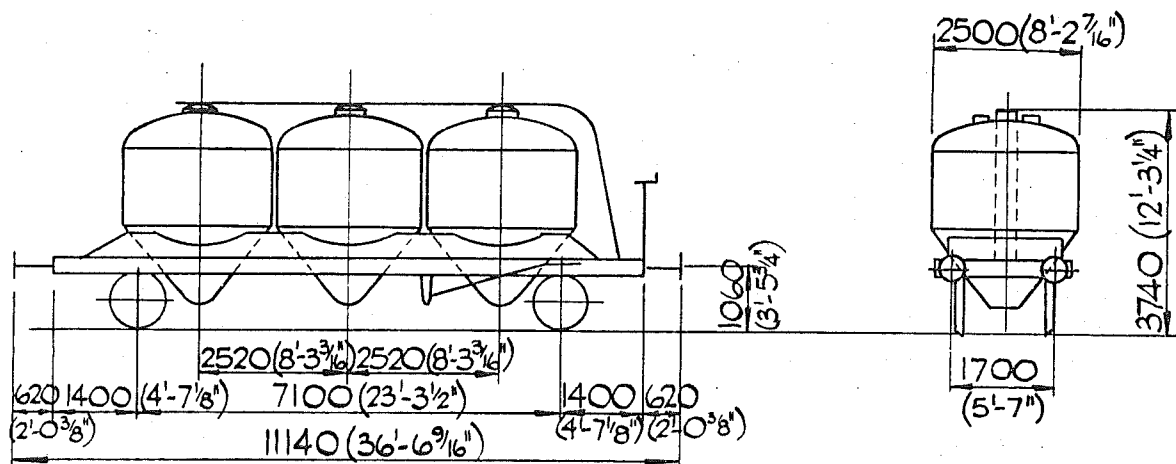
AIR. VACUUM THRO' PIPE.

HANDBRAKE - PLATFORM SCREW

HAND LEVER.

TARE - 14 800kg.

LOAD -



TANK WAGON - FRENCH SILO WAGON (PROTOTYPE)

TYPE - Ufs.

SOTRANPA.

VEHICLE No. - 21 87 098 5 000

	A	B	C.
	17.2t	21.2t	25.2t
S	17.2t	21.2t	

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
IPB	IPBJ	

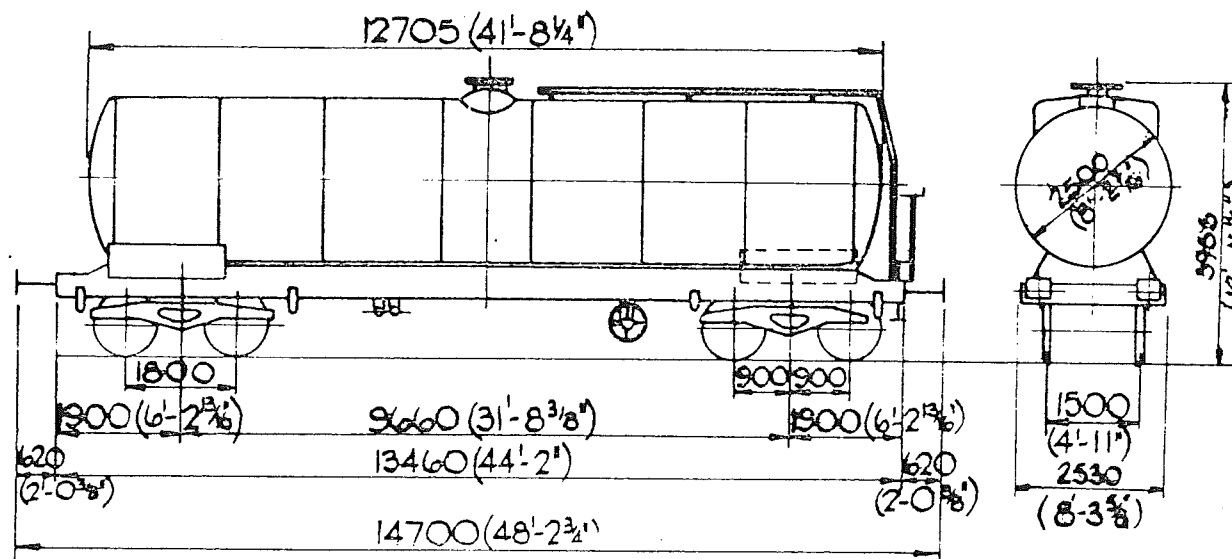
	H	M	L	E
TONS	40	36	22	15
V.B.	0	0	0	0
A.B.	18	18	18	7
R.A.	6	5	1	1
SPEED	50	62	62	62
LENGTH			8	

G.A. DRG. No. -

QTY. 1.

E.428

REV.



CAPACITY - 601.5hl / 13233 galls.

TANK MATL. -

POWER BRAKE -

COMPRESSED AIR VAC. THRO' PIPE

HANDBRAKE -

SIDE SCREW

TARE - 19T - 7c.

LOAD -

	A	B	C
	43T-14c	51T-10c	59T-7c
5	43T-14c	51T-10c	

TANK WAGON - FRENCH - S.N.C.F.

TYPE - Uafhs.

VEHICLE N^o. - 21 87 079 8 968 - 977

QTY. - 10.

DIAGRAM 107467 FAUVET GIREL

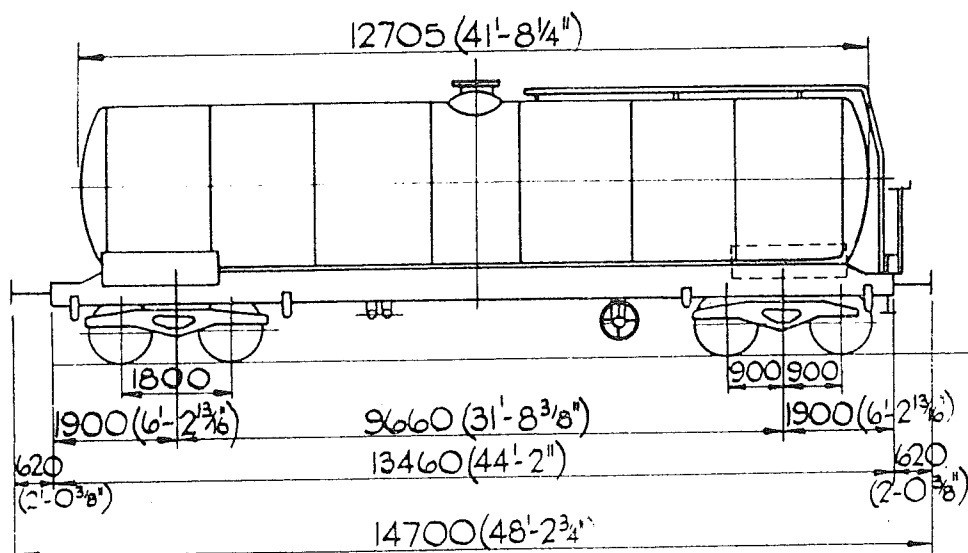
TOPS CODE			
CARKND	AARKND	OPERATING	
		PANEL No.	
1	T B	7	F Q 5

	H	M	L	E
TONS	80	72	35	20
Y.B.	0	0	0	0
A.B.	36	36	12	12
R.A.	6	5	1	1
S.B.	50	62	62	62
L.B.		3		

(X)

E.428

REV.1.



CAPACITY - 601.5hl / 13233galls.

TANK MATL. -

POWER BRAKE -

COMPRESSED AIR VAC. THRO' PIPE.

HANDBRAKE -

SIDE SCREW.

TARE - 19700kg.

LOAD -

	A	B	C
	44.3t	51.3t	60.3t
S	44.3t	51.3t	

TANK WAGON - FRENCH - S.N.C.F. - ERMEWA.

TYPE - Uafhs.

VEHICLE N^o. - 21 87 079 8 968 - 977

QTY. - 10.

DIAGRAM 107467 FAUVET GIREL.

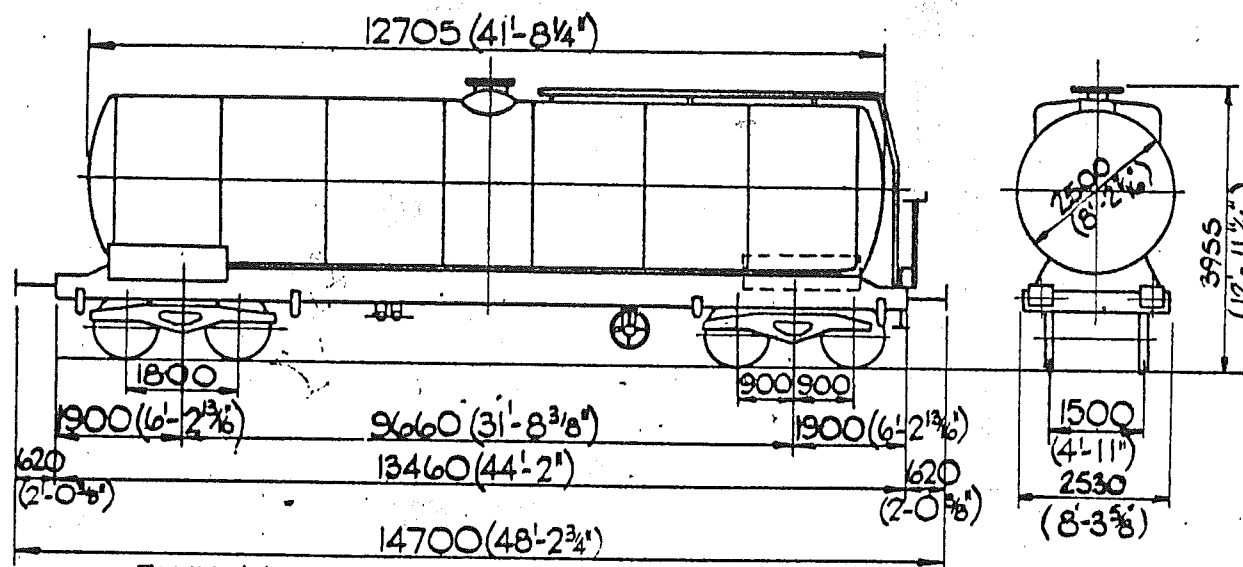
TOPS CODE

CARBON MARKING

ICB ICBB

	H	M	L	E
TONS	80	72	35	20
V.B.	0	0	0	0
A.B.	36	36	12	12
R.A.	6	5	1	1
SPRINT	50	62	62	62
LENGTH	1	3		

E.428
REV. 2.



CAPACITY - 601.5hl / 13233 galls.
TANK MATL. -
POWER BRAKE -
COMPRESSED AIR VAC. THRO' PIPE.
HANDBRAKE -
SIDE SCREW.
TARE - 19700 kg.
LOAD -

A	B	C
44.3t	51.3t	60.3t
S 44.3t	S 51.3t	S 60.3t

TANK WAGON - FRENCH - S.N.C.F. - ERMEWA.
TYPE - Uafhs.

VEHICLE N° - 21 87 079 8 968 - 977

QTY. - 10.

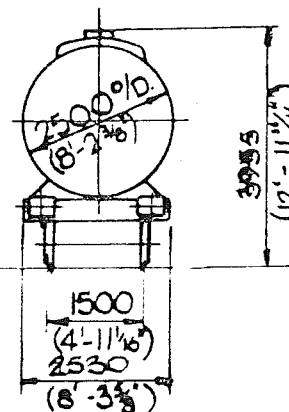
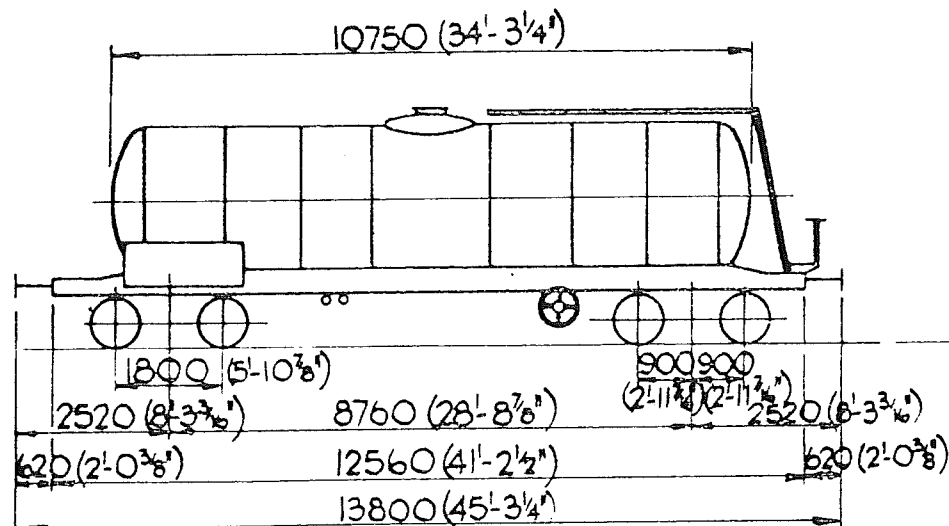
DIAGRAM 107467 FAUVET GIREL.

TOPS CODE			
CARKND	AARKND	OPERATING PANEL No.	
1 C B	1 C B B		

	H	M	L	E
TONS	80	72	35	20
V.B.	0	0	0	0
A.B.	36	36	12	12
R.A.	6	5	1	1
W.B.	62	62	62	62
W.B.		3		

E.429.

REV.



CAPACITY - 506 hl / 11182 galls.

POWER BRAKE -

AIR BRAKE WITH VAC. THRO' PIPE.

HANDBRAKE -

SIDE SCREW

TARE - 18T-10C.

LOAD -

TANK WAGON - FRENCH.

TYPE - Uafhs.

VEHICLE N^o. - 21 87 079 8 980 -999

MINIMUM CURVE - 60M. (3 CHAINS.)

QTY. - 20

A	B	C
44T-10C	52T-8C	
S 44T-10C	52T-8C	

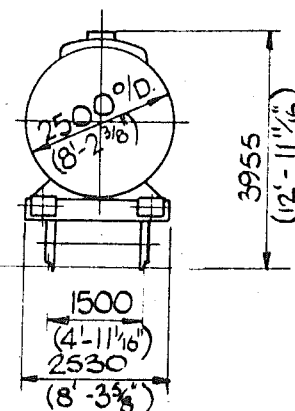
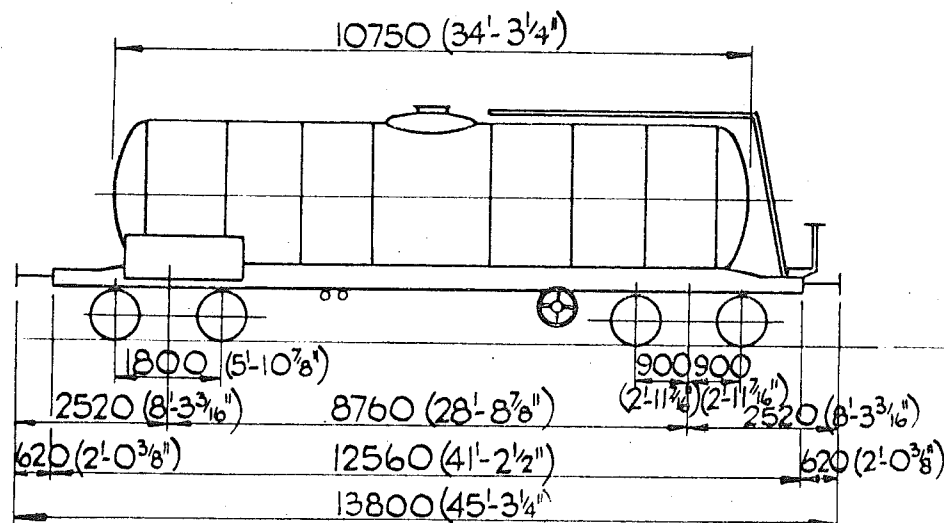
TOPS CODE	
CARKND	AARKND
1 T 6	7 F @ 5

	H	M	L	E
TONG	72	32	32	0
VB	0	0	0	0
A.B.	36	36	12	12
R.A.	5	1	1	1
MAX	62	62	62	62
WEIGHT				

DIAGRAM N^o. 107398 FAUVET GIREL

E.429.

REV.1



CAPACITY.- 506 hl/11182 galls.

POWER BRAKE -

AIR BRAKE WITH VAC.THRO.'PIPE.

HANDBRAKE -

SIDE SCREW

TARE - 18800kg.

LOAD.-

TANK WAGON.- FRENCH.

TYPE - Uafhs.

VEHICLE N^o. - 21 87 079 8 980 -999

MINIMUM CURVE.- 60M. (3 CHAINS.)

QTY. - 20.

DIAGRAM N^o. 107398. FAUVET GIREL.

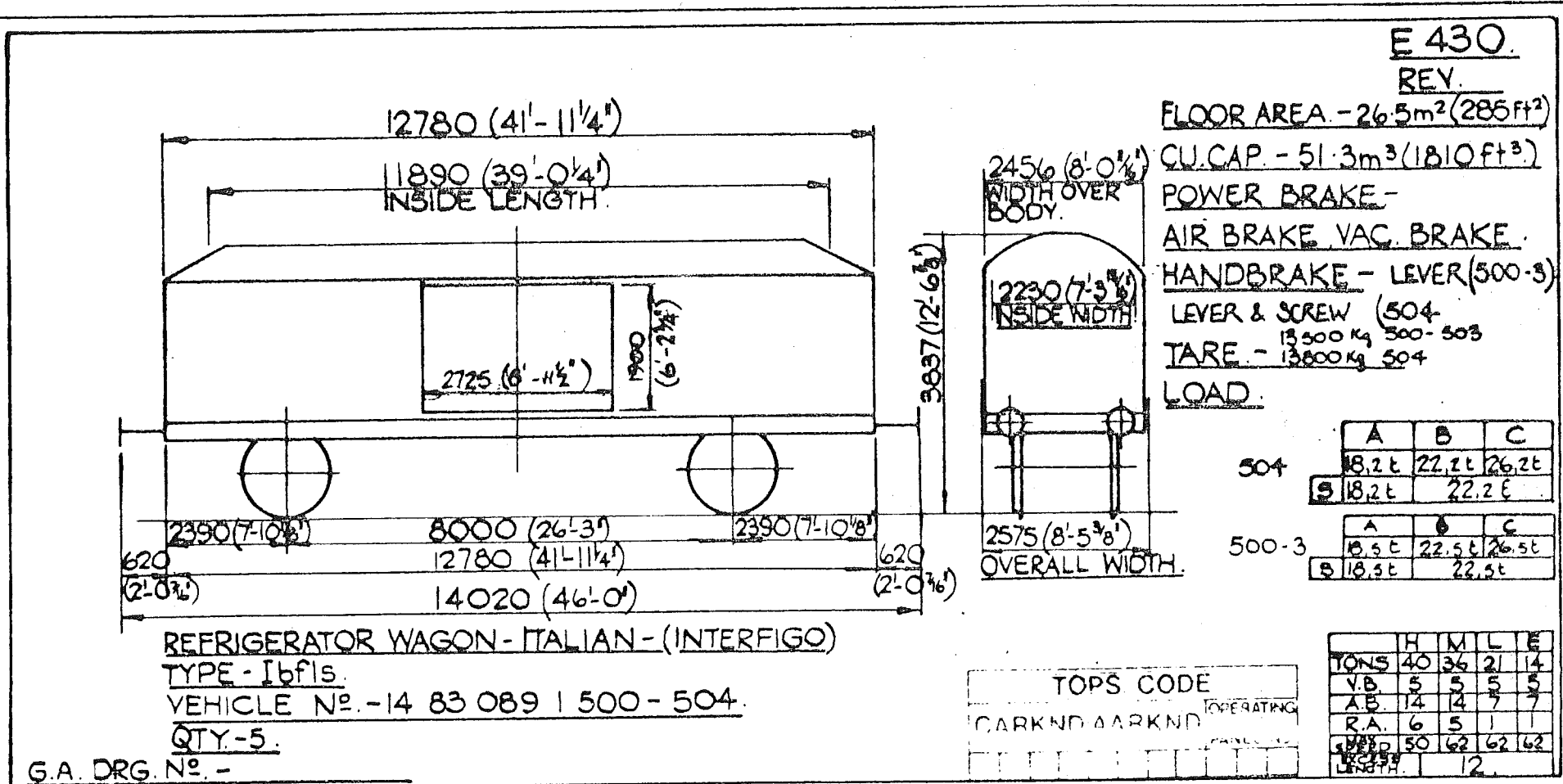
	A	B	C
	45.2t	53.2t	
S	45.2t	53.2t	

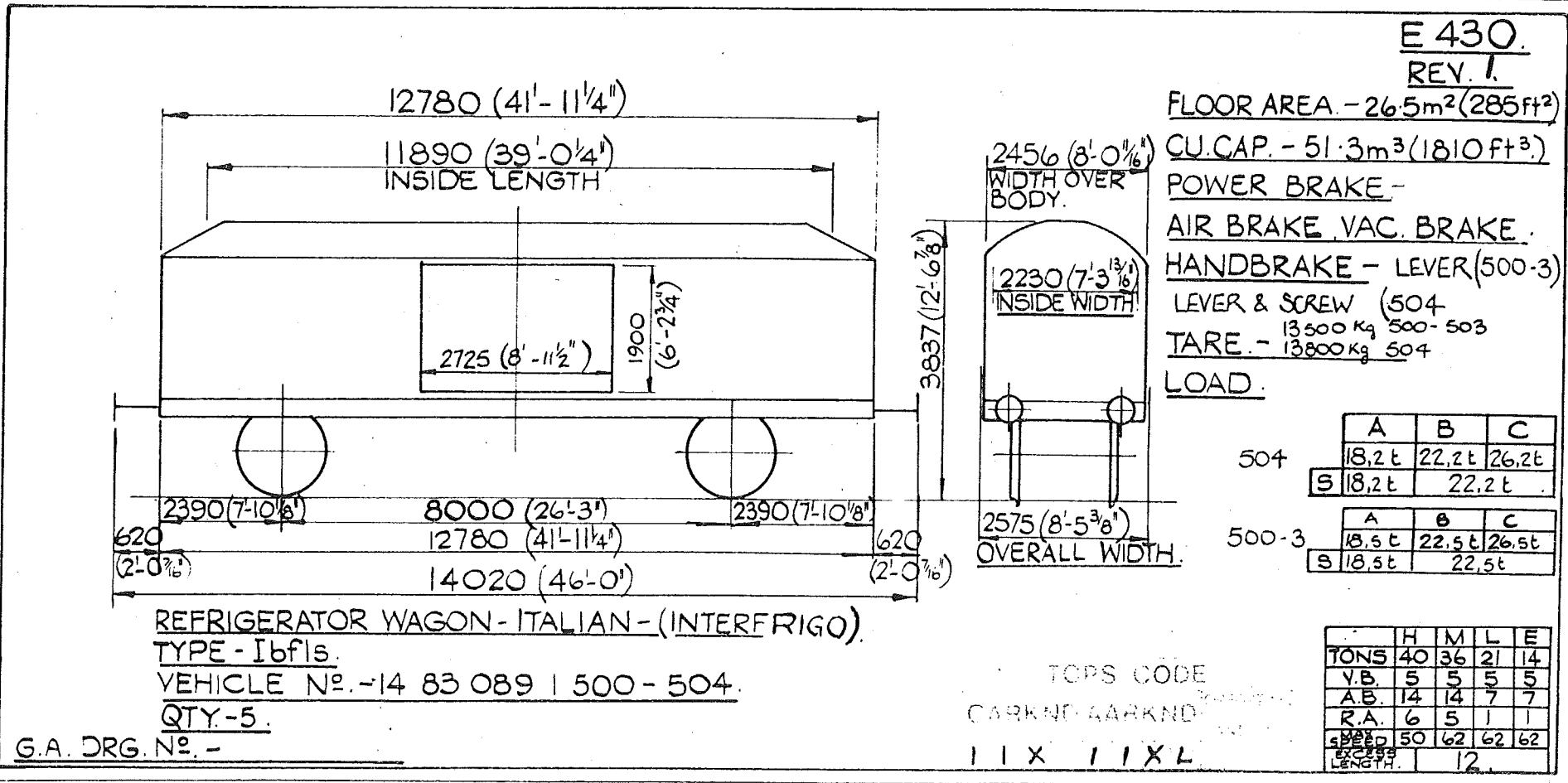
TOPS CODE

CARKND AARKN

ICB ICB

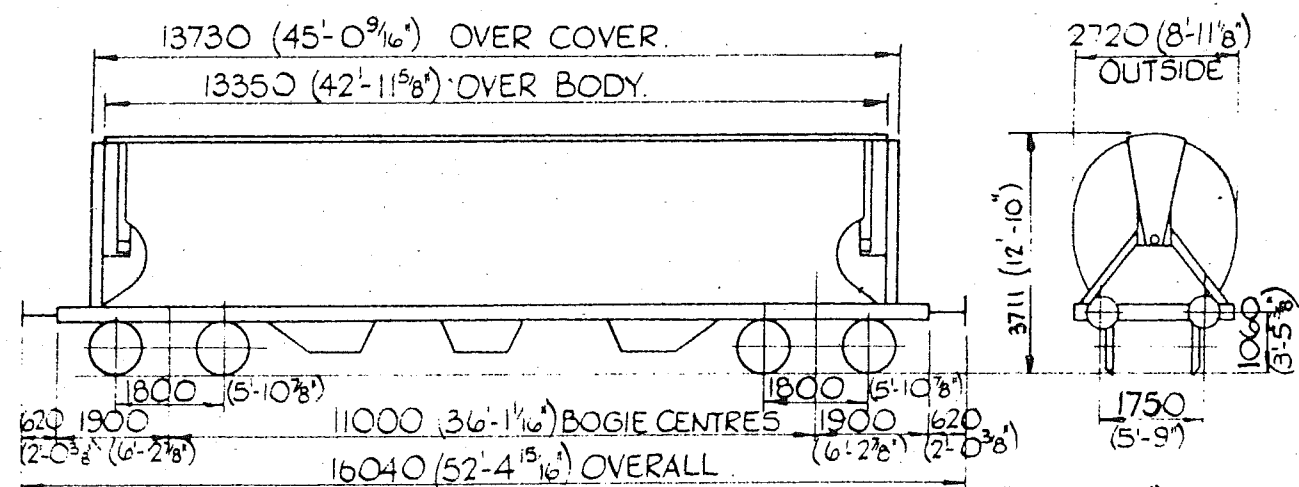
	H	M	L	E
TONS	71	52	32	19
V.B.	0	0	0	0
A.B.	36	36	12	12
R.A.	5	1	1	1
5000	62	62	62	62
12500				2





19

E 431
REV. 1



CAPACITY - 70m³ 24' 2 4/3
TANK MATL. -
POWER BRAKE
AIR BLOCK 2-STAGE, 2-PRESSURE
THRO' VACUUM PIPE
HANDBRAKE
SCREW
TARE - 21T-10c.
LOAD -

	A	B	C
	41T-6c	49T-4c	57T-2c
S	41T-6c	49T-4c	57T-2c

TANK WAGON - BRITISH - B.R. - TRAFFIC SERVICES LTD ("POLYBULK")

TYPE - Uadfs

VEHICLE N^o - 21 70 099 9 000 - 064.

G A. DRG. N^o - FAUVET GIREL. 107 075.

TOPS CODE

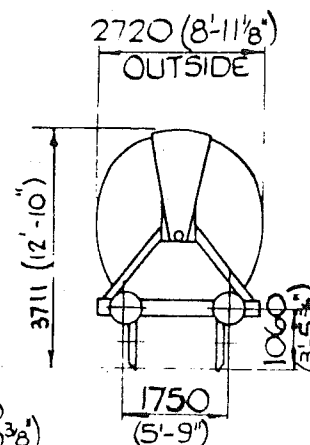
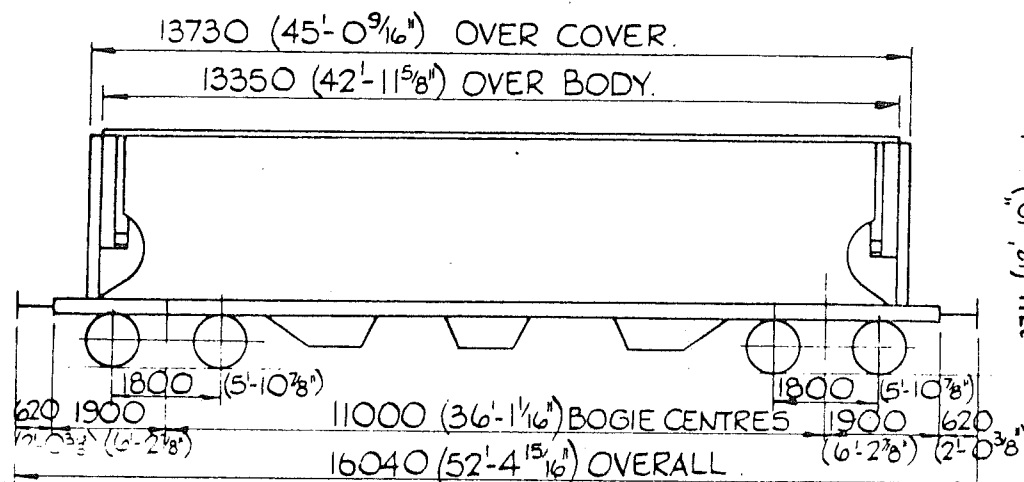
CARKND CARKND

P I B 6 7 1 5

	H	M	L	E
TONS	30	58	37	22
V.B.	0	0	0	0
A.B.	40	40	16	16
R.A.	6	5	1	1
SPEED	62	62	62	62
EXCESS	5			

QTY. 65.

E.431.
REV 4.



CAPACITY - 70m³/2472 ft³.

TANK MATL. -

POWER BRAKE -

AIR. BLOCK. 2-STAGE, 2-PRESSURE

THRO' VACUUM PIPE

HANDBRAKE -

SCREW

TARE 21850kg.

LOAD -

	A	B	C
	42t	50t	58t
5	42t	50t	58t

HOPPER WAGON - BRITISH - B.R.

TYPE - Uadfs.

Traffic Services Ltd. (Polybulk) - 21 70 099 9 000, 006-020, 026-064

Tiger Leasings - 21 70 099 9 021-025

G.A. DRG. N^o. - FAUVET GIREL. 107 075.

TOPS CODE

CARBND AARKND

I P B. I P B Y 11.91

	H	M	L	E
TONS	80	72	37	22
V.B.	0	0	0	0
A.B.	40	40	16	16
R.A.	6	5	1	1
SPEED	60	60	60	60
EXTRA	5			

QTY. 60.

E.431.
REV.10

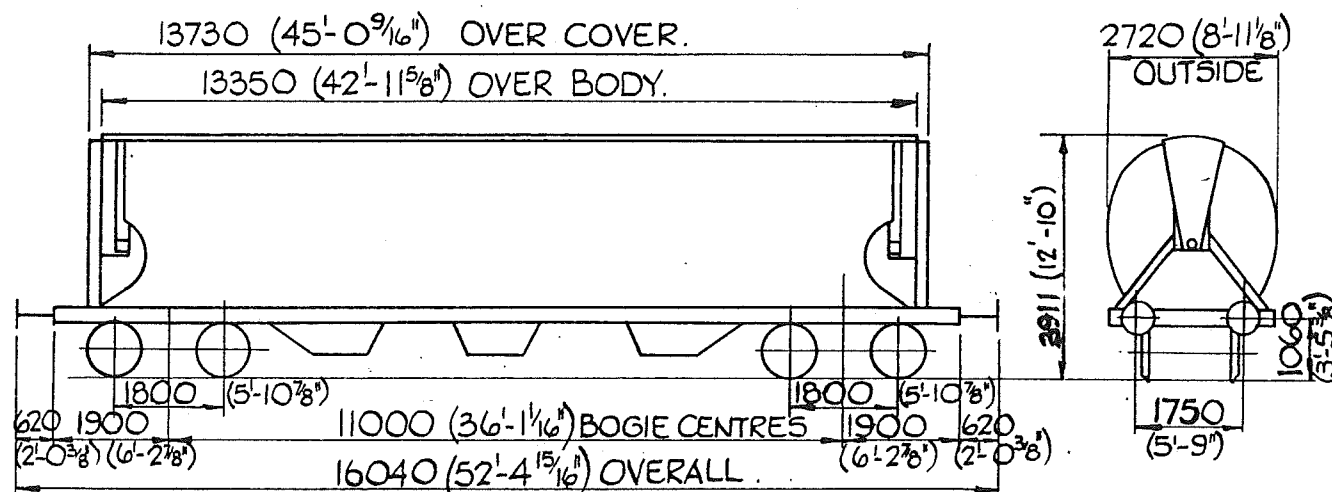
CAPACITY.- 70m³/2472 ft³.
TANK MATL.-
POWER BRAKE.-
AIR BLOCK. 2-STAGE, 2-PRESSURE
THRO' VACUUM PIPE.
HANDBRAKE.-
SCREW.
TARE. 21850 kg.
LOAD.-

	A	B	C
	42t	50t	58t
15	42t	50t	58t

	H	M	L	E
TONS	80	72	37	22
V.B.	0	0	0	0
A.B.	40	40	16	16
R.A.	6	5	1	1
SPEED	60	60	60	60
EXCESS	5			

TOPS CODE	
CARKND	AARKND
PIB	PIBY1191
OPERATING	PANEL No.

QTY. 40



HOPPER WAGON - BRITISH - B.R.

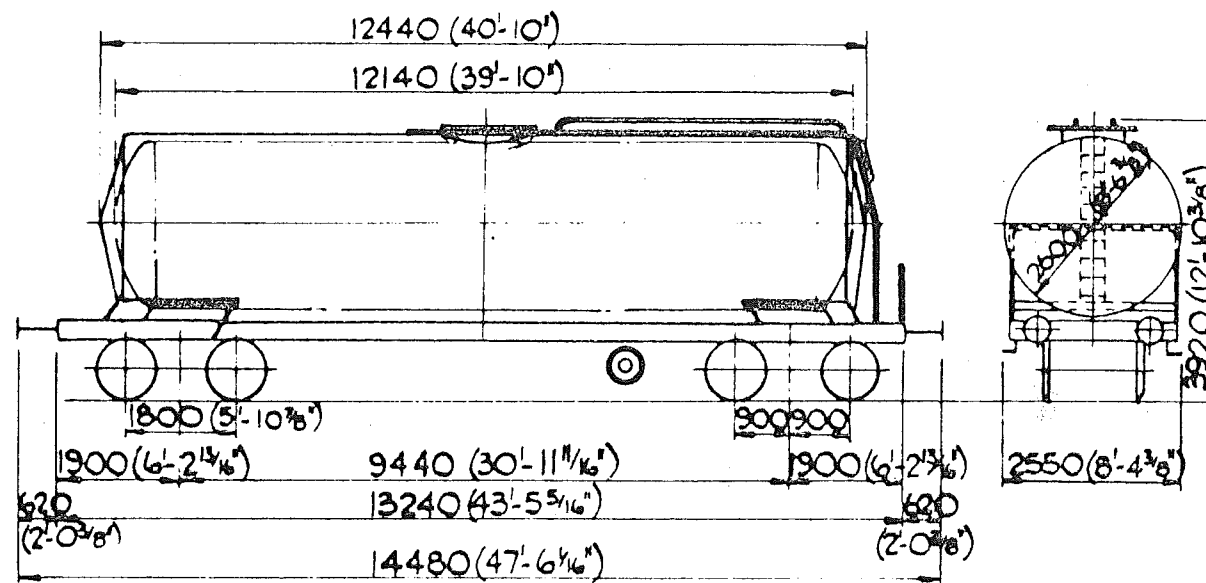
TYPE - Uadfs.

VEHICLE N^{os} - 21 70 0999 000, 006, 007, 009-016,
018-020, 031-038, 040-042, 044-053, 059-064.

G.A. DRG. N^o. - FAUVET GIREL. 107 075.

E 432

REV.



CAPACITY - 525hl/11500 galls.

TANK MATL - STEEL

POWER BRAKE -

AIR BRAKE, VACUUM THRO' PIPE.

HANDBRAKE -

SCREW.

TARE - 19680 kg.

LOAD -

	A	B	C
	44.3t	52.3t	60.3t
S	44.3t	52.3t	

TANK WAGON - FRENCH - TRANSCITERNE.

TYPE - Uafhs.

VEHICLE NOS. - 21 87 077 4 825 TO 836.

QTY - 10

DRAWING N° - 10242.

TOPS CODE

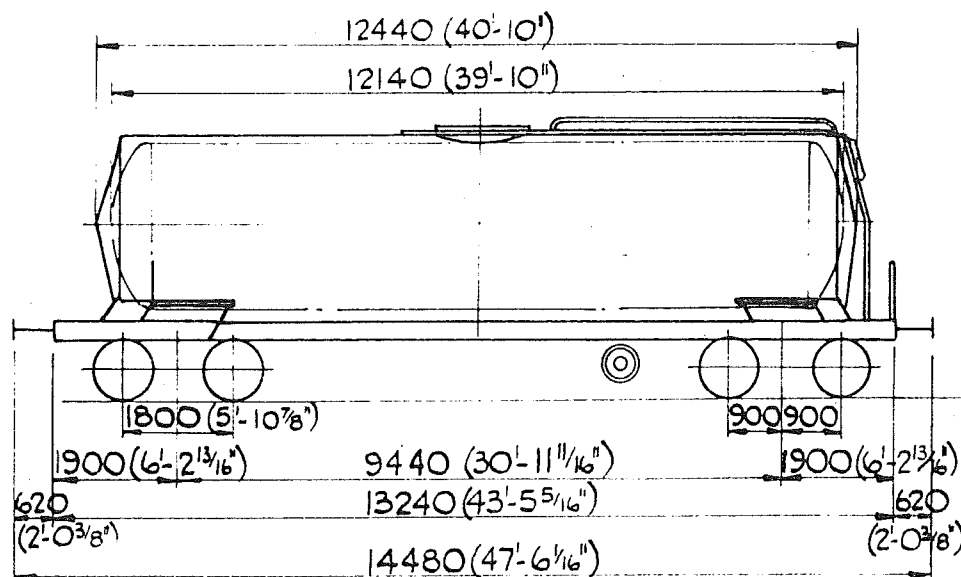
CARKNO A AND

OPERATING

PANEL N°

	H	M	L	E
TONS	80	72	35	20
V.B.	0	0	0	0
A.B.	36	36	10	10
R.A.	6	5		
MAXIMUM	50	62	62	62
LENGTH				4

E 432.
REV.1



CAPACITY - 525hl / 11500 galls.
TANK MATL - STEEL.
POWER BRAKE -
AIR BRAKE, VACUUM THRO' PIPE.
HANDBRAKE -
SCREW.
TARE - 19 680 kg.
LOAD -

	A	B	C
	44,3t	52,3t	60,3t
S	44,3t	52,3t	

TANK WAGON - FRENCH - TRANSCITERNE.

TYPE - Uafhs

VEHICLE N^{OS}. - 21 87 077 4 825 TO 836.

QTY - 12.

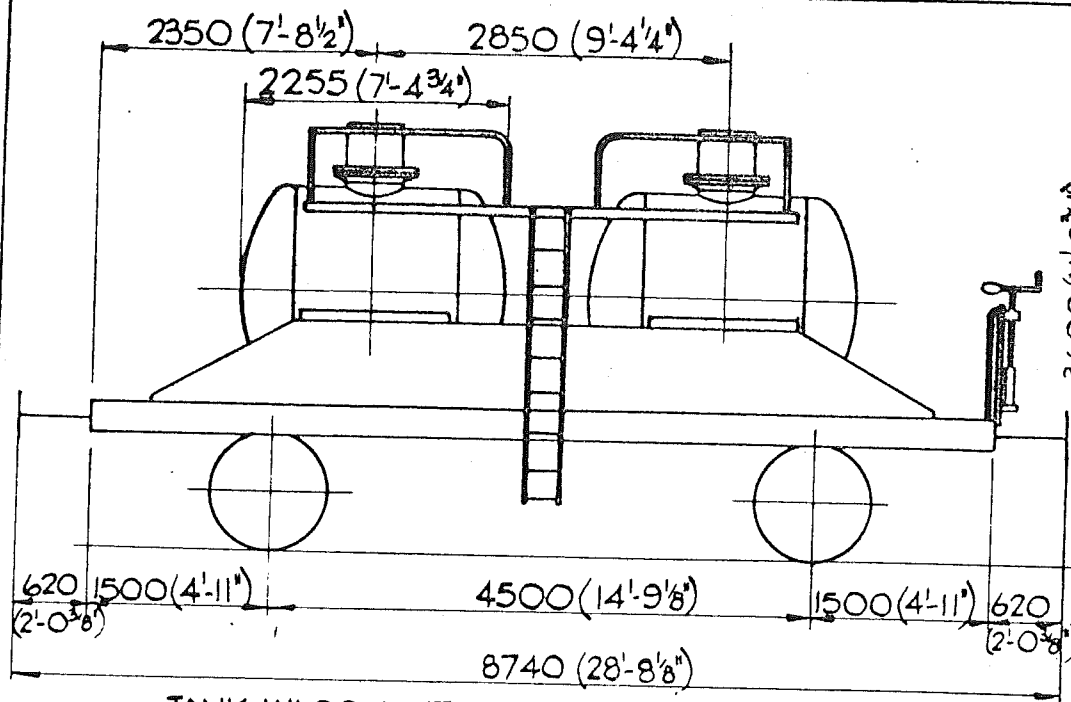
DRAWING N^o - 10242.

TOPS CODE

CARKNE - AAF - 1410

ICB ICB D

	H	M	L	E
TONS	80	72	35	20
V.B.	0	0	0	0
A.B.	36	36	10	10
R.A.	6	5	1	1
MAX SPEED	50	62	62	62
Ex. LENGTH			3	



TANK WAGON - ITALIAN - F.S.

TYPE - Ufh

VEHICLE N° - 21 83 071 9 071

G.A. DRG. N° - 1726/T. MONTECATINI EDISON. MILANO.

E.434.
REV.

CAPACITY - 82.80hl/993.6galls

TANK MATL. - STEEL.

POWER BRAKE

AIR BRAKE.

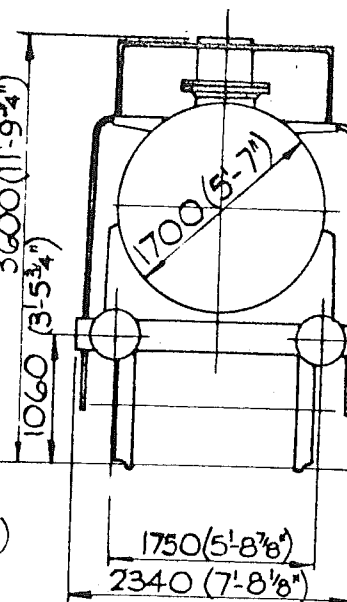
HANDBRAKE -

SCREW.

TARE - 12T-16c.

LOAD.

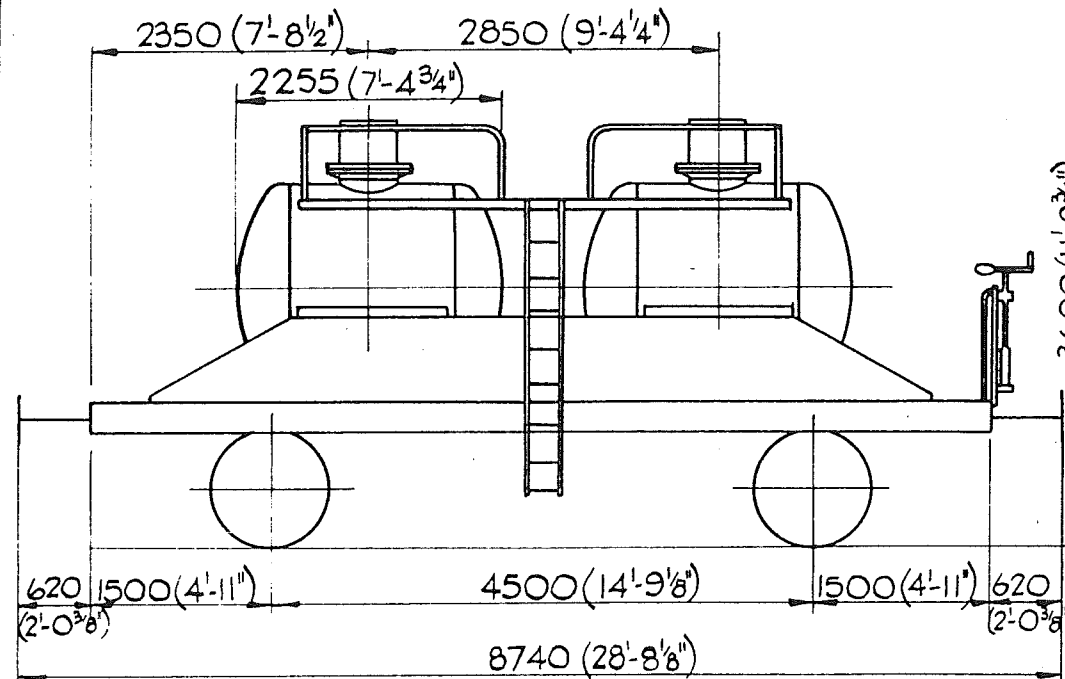
A	B	C
18T-14c	22T-16c	23T-12c



TOP CODE
CARKND AARKND
ITA 71 Z 7

	H	M	L	E
TONS.	37	28	19	13
V.B.	-	-	-	-
A.B.	14	14	6	6
R.A.	5	2	1	1
SPEED	50	50	50	50
	3			

QTY 1



TANK WAGON - ITALIAN - F.S. MONTEDISON S.P.A. VIA
 TYPE - Ufh. TARAMELLI 26. 20124
 MILAN.
 VEHICLE N^o - 21 83 071 9 071

TOPS CODE
 CARKND AARKND
 ICA ICA B

E.434.
 REV 2.
 CAPACITY - 82.80hl/993.6galls
 TANK MATL. - STEEL.
 POWER BRAKE
 AIR BRAKE.
 HANDBRAKE -
 SCREW.
 TARE - 13 000 kg.
 LOAD.

A	B	C
19t	23t	23.9t

	H	M	L	E
TONS.	37	28	19	13
V.B.	-	-	-	-
A.B.	14	14	6	6
R.A.	5	2	1	1
MAX	50	50	50	50
EXPRESS				
LENGTH				

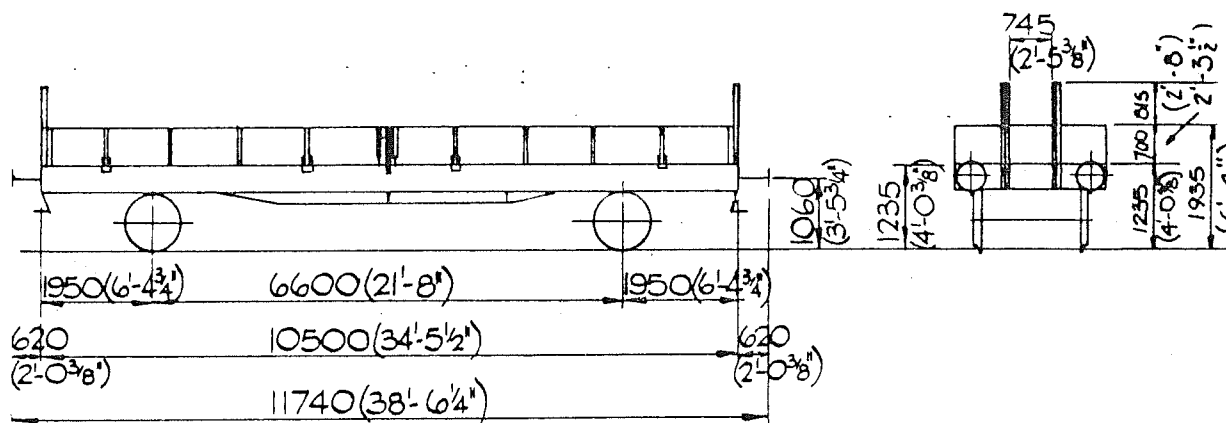
G.A. DRG. N^o - 1726/T. MONTECATINI EDISON. MILANO.

QTY 1

E. 435.
REV. 1.

CU. CAPACITY. - 17.5m^3 /
FLOOR AREA. - $25\text{m}^2/269\text{sq.ft.}$
FLOOR. - WOOD.
POWER BRAKE. - AIR BRAKE &
VACUUM BRAKE.
HANDBRAKE. -
LEVER.
TARE. - 11600kg.
LOAD. -

	A.	B.	C.
	20.ot	24.ot	28.ot
5	20.ot	24.ot	28.ot



LOW SIDED WAGON. - SPANISH. - TRANSFESA.

TYPE. -

VEHICLE N^o. - 24 71 038 4 400 & 415.

DIAGRAM N^o. - TRANSF. VILLAVERDE NOM 38A.

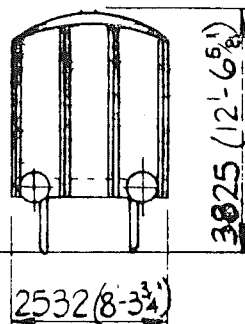
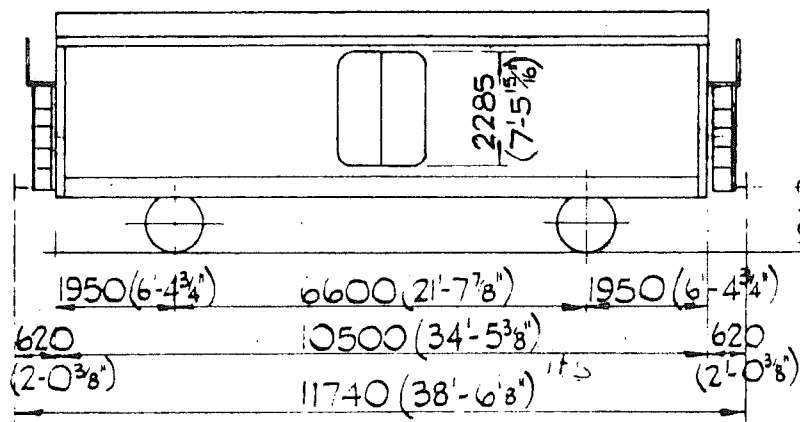
TOPS CODE		OPERATING.
CARKND	AARKND	PANEL No.
1 T X	1 T X F	

	H	M	L	E
TONS	40	36	13	12
V.B.	5	5	5	5
A.B.	17	17	6	6
R.A.	6	4	1	1
MAY SPEED	62	62	62	62
EXCESS LENGTH		8.		

QTY. 2.

E.436.

REV 1



FLOOR AREA - 24.25m²/272 ft²
 CU. CAPACITY - 44.25m³/1560 ft³
 FLOOR -
 POWER BRAKE -
 AIR BRAKE & VACUUM BRAKE -
 HANDBRAKE -
 SIDE LEVER
 TARE - 15400 kg
 LOAD -

REFRIGERATOR WAGON. - SPANISH (RENFE)

TYPE - Ifs

VEHICLE N° - 14 71 089 0 100

14 71 089 0 101

DIAGRAM 39. TRANSFESA.

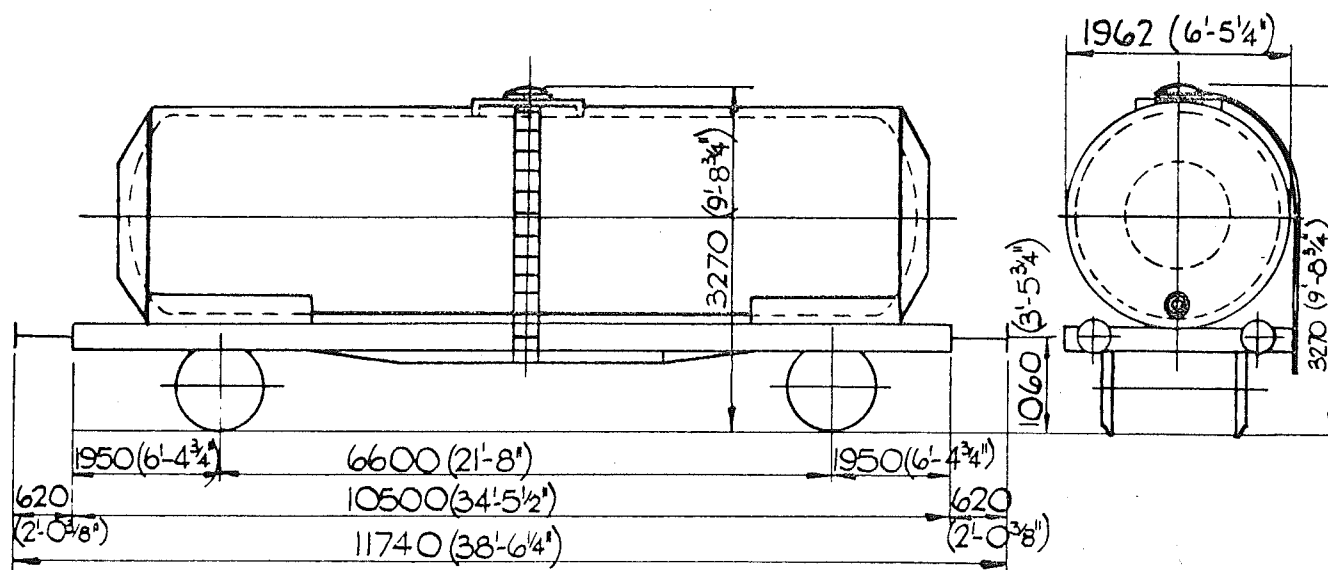
	A	B	C
	6.5t	20.5t	24.5t
15	16.5t	20.5t	24.5t

TOPS CODE			
CARKND	AARKND	OPERATING	PANEL NO.
11X	11XL		

	H	M	L	E
TONS	40	36	22	16
V.B.	5	5	5	5
A.B.	18	18	8	8
R.A.	6	5	1	1
2nd	62	62	62	62
1st	8			

QTY. 2.

E. 437.
REV.2.



CAPACITY.- 220 hl/4840 galls.
TANK MATL.- STEEL
POWER BRAKE.-
AIR BRAKE & VACUUM BRAKE.
HANDBRAKE -
LEVER.
TARE.- 12 900 kg.
LOAD.-

	A	B	C
	19.1t	23.1t	27.1t
S	19.1t	23.1t	27.1t

TANK WAGON.- SPANISH.- TRANSFESA.

TYPE.- Ufhs

VEHICLE N°.- 24 71 073 2 570 TO 599.

DIAGRAM 1 N°.- TRANSF. VILLAVERDE NOM 45.

TOPS CODE	
CARKND	AARKND
ICX	ICXB

	H	M	L	E
TONS	40	36	20	13
V.B.	5	5	5	5
A.B.	18	18	7	7
R.A.	6	5	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH		8.		

QTY.30

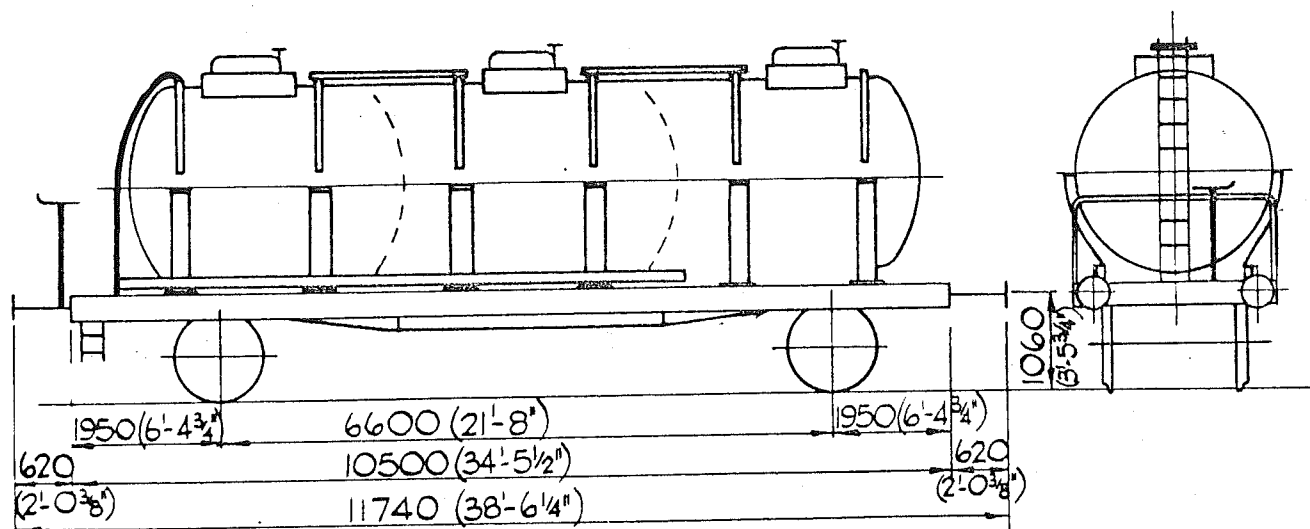
E. 438.
REV. I.

CAPACITY.- 330hl/7260 galls.
TANK MATL.- STEEL
POWER BRAKE -
AIR BRAKE & VACUUM BRAKE.
HANDBRAKE -
LEVER . PLATFORM SCREW.
TARE - 12 500 kg.
LOAD -

	A	B	C.
	19,5t	23,5t	27,5t
S	19,5t	23,5t	27,5t

	H	M	L	E
TONS	40	36	19	13.
V.B.	5	5	5	5
A.B.	18	18	7	7
R.A.	6	5	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	8.			

QTY. 1.



TANK WAGON.- SPANISH.- TRANSFESA.

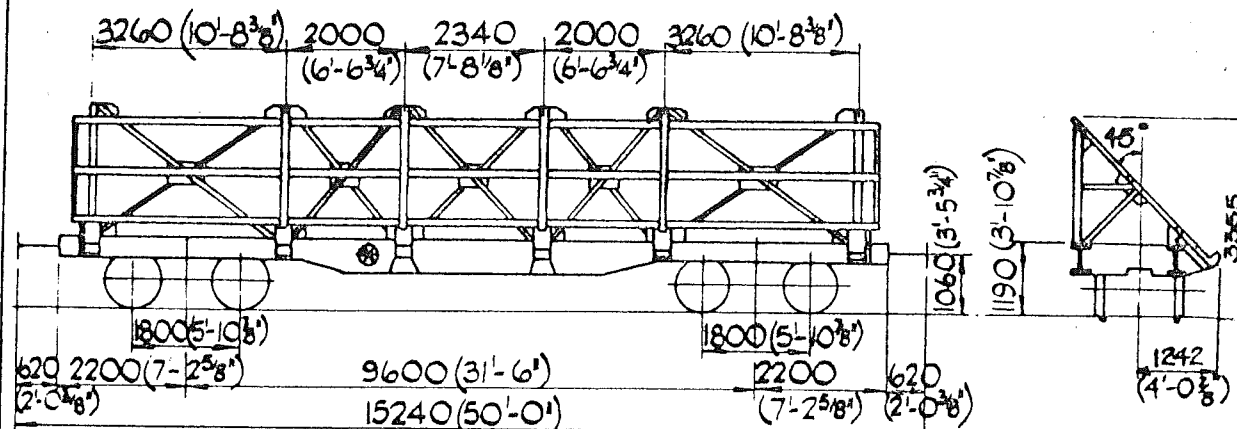
TYPE.- Ufhs.

VEHICLE Nº.- 24 71 008 5 000.

DIAGRAM Nº.- TRANSF. VILLAYERDE NOM. 53

TOPS CODE
CARKND AARKND
OPERATING
PANEL No.
I C X I C X B

E.439.
REV.



TRESTLE BODY LOAD -
MAX. LENGTH 13200 (43'-4")
MAX. WIDTH 3300 (10'-10")
MAX. THICKNESS 150 (6")
POWER BRAKE - AIR BRAKE
VACUUM THRO' PIPE
HANDBRAKE -
HAND SCREW
TARE - 20T-13c.
LOAD.

FRENCH - PLATE GLASS CARRYING WAGON.
TYPE - Uafs.
VEHICLE N^o. - 31 87 938 0 000 - 004.

	A	B	C
	42T-6c	50T-4c	59T-1c
S	42T-6c	50T-4c.	

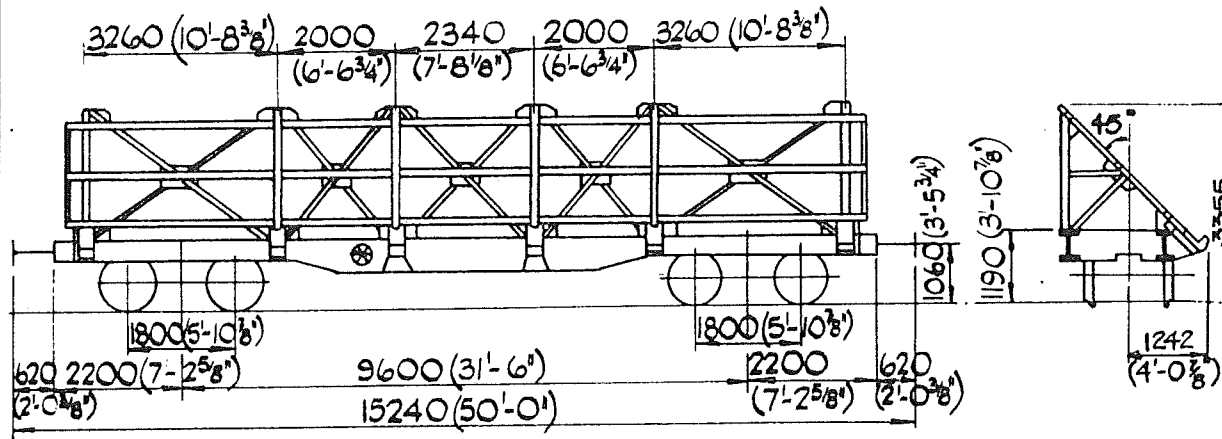
	H	M	L	E
TONS	80	71	36	21
V.B.	0	0	0	0
A.B.	31	31	13	13
R.A.	6	5	1	1
MAX SPEED	50	62	62	62
EXCESS LENGTH			4.	

S.N.C.F. DIAGRAM 10.191.147.

TOPS CODE
CARKND AARKND
I X B 7 F X 5

QTY. 5.

E.439.
REV. I



TRESTLE BODY LOAD -
MAX. LENGTH 13200 (43'-4")
MAX. WIDTH 3300 (10'-10")
MAX. THICKNESS 150 (6")
POWER BRAKE - AIR BRAKE
VACUUM THRO' PIPE.
HANDBRAKE -
HAND SCREW.
TARE - 21t.
LOAD.

FRENCH - PLATE GLASS CARRYING WAGON.
TYPE - Uafs.
VEHICLE N°. - 31 87 938 0 000 - 004.

	A	B	C
	43t	51t	59t
5	43t	51t	

	H	M	L	E
TONS	80	71	36	21
V.B.	0	0	0	0
A.B.	31	31	13	13
R.A.	6	5	1	1
MAX SPEED	50	62	62	62
EXCESS LENGTH			4.	

S.N.C.F. DIAGRAM 10.191.147.

TOPS CODE
CARKND AARKND
I x B I x B G

QTY.5.

E. 440.
REV.

CAPACITY. - 545 hl / 12000 galls.

TANK MATL. - STEEL.

POWER BRAKE -

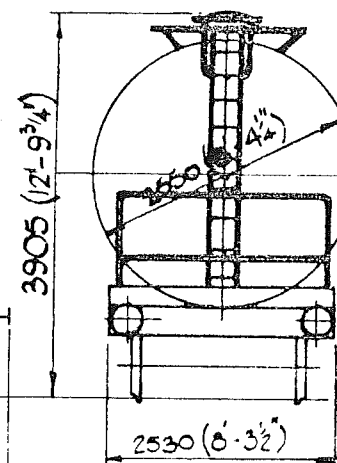
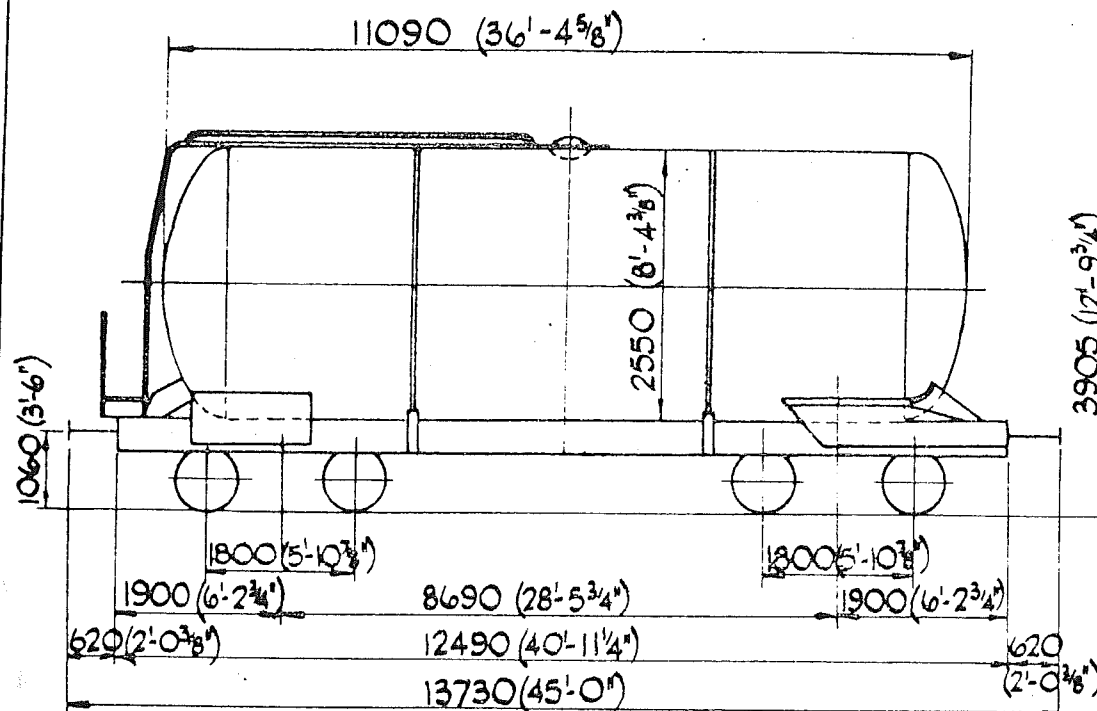
AIR BRAKE.

HANDBRAKE. -

SCREW.

TARE. - 17T-5c.

LOAD. -



	A	B1	B2	C
	45T-5c	50T-10c	53T-12c	61T-10c
S	45T-5c	50T-10c	53T-12c	61T-10c

	H	M	L	E
TONS	79	56	33	17
V.B.	UNFITTED			
A.B.	35	35	11	11
R.A.	6	2	1	1
SPED	62	62	62	62
LENGTH	7			

TANK WAGON. - FRENCH (MESSRS FERT & Co.)

TYPE - Uafhs

VEHICLE N^o - 21 87 079 8 956 - 967

DIAGRAM C.F.M.F. 1.4.0.660A.

TOPS CODE	
CARKND AARKND	OPERATING
ITB 7 F a 5	PANEL No.

QTY. 12.

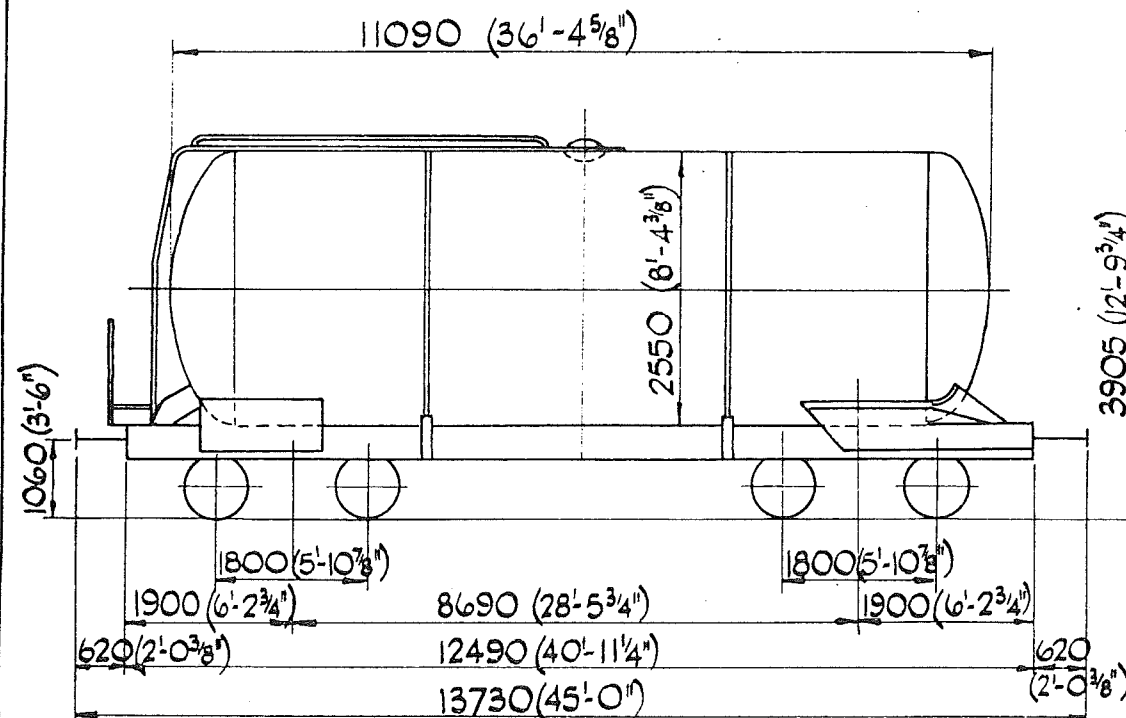
E. 440.
REV 3.

CAPACITY. - 545 hl / 12000 galls.
TANK MATL. - STEEL.
POWER BRAKE -
AIR BRAKE & VAC. THRO' PIPE.
HANDBRAKE. -
SCREW.
TARE. - 17500 kg.
LOAD. -

	A	B1	B2	C
	46,5t	51,2t	54,5t	62,5t
S	46,5t	51,2t	54,5t	62,5t

	H	M	L	E
TONS	80	56	33	17
V.B.	0	0	0	0
A.B.	35	35	11	11
R.A.	6	2	1	1
SPEED	62	62	62	62
EXCESS LENGTH		2		

QTY. 12.



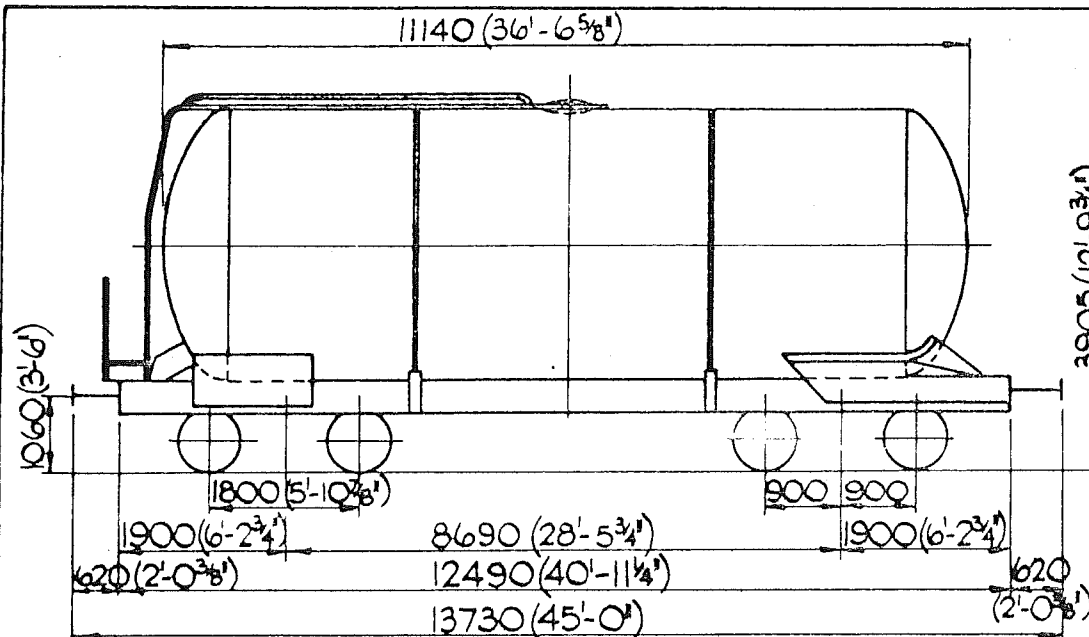
WINE TANK WAGON. - FRENCH (MESSRS FERT & Co.)

TYPE - Uafhs.

VEHICLE N^o. - 21 87 079 8 956 - 967

DIAGRAM C.F.M.F. 1-4-0-660A.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL NO.
1 C B	1 C B D	



TANK WAGON - FRENCH (MESSRS FERT & Co.)

TYPE - Uafhs.

VEHICLE N^{os} - 21 87 079 8 978 & 979

QTY. - 2

DIAGRAM. C.F.M.F. 1.4.O.648/c.

E.441.

REV.

CAPACITY - 522 hl / 11500 galls.

TANK MATERIAL - STEEL.

POWER BRAKE -

AIR BRAKE

HANDBRAKE -

SCREW.

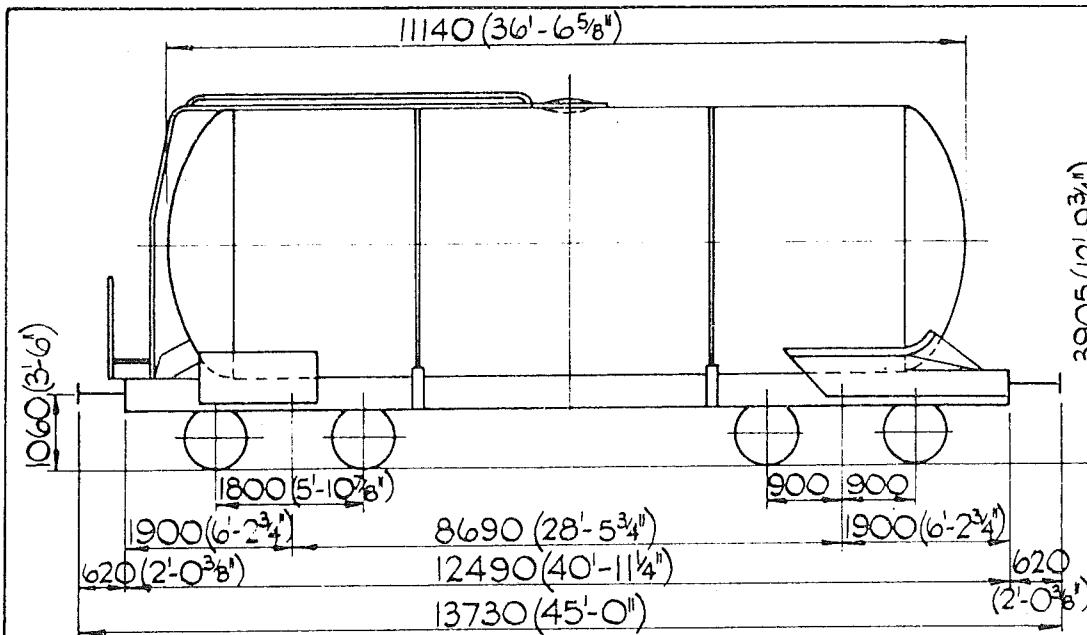
TARE - 18T 8c

LOAD -

A	B1	B2	C
44T-12	49T-10	52T-10	60T-10
5	44T-12	49T-10	52T-10

TOPS CODE	
CARKND	AARKND
OPERATING	PANEL NO.
1 T B	7 F Q 5

	H	M	L	E
TONS	79	56	34	19
V.B.	UNFITTED			
A.B.	35	35	11	11
R.A.	6	2	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH	2			



WINE TANK WAGON - FRENCH (MESSRS FERT & Co.)

TYPE - Uafhs

VEHICLE N^{os} - 21 87 079 8 978 & 979

QTY. - 2

DIAGRAM. C.F.M.F. 1.4.0.648/c.

E.441.

REV.2

CAPACITY - 522hl/11500galls.

TANK MATERIAL - STEEL.

POWER BRAKE.

AIR BRAKE & VACUUM THRO' PIPE

HANDBRAKE -

SCREW.

TARE - 18700 Kg.

LOAD -

	A	B1	B2	C
	45.3t	50t	53.3t	61.3t
S	45.3t	50t	53.3t	61.3t

	H	M	L	E
TONS	80	56	34	19
V.B.	0	0	0	0
A.B.	35	35	11	11
R.A.	6	2	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	2.			

TOTAL CODE

CAR

LCB ICB C

E.442.

REV.1.2.

HOPPER CAP - 95m³(3355R³)

POWER BRAKE -

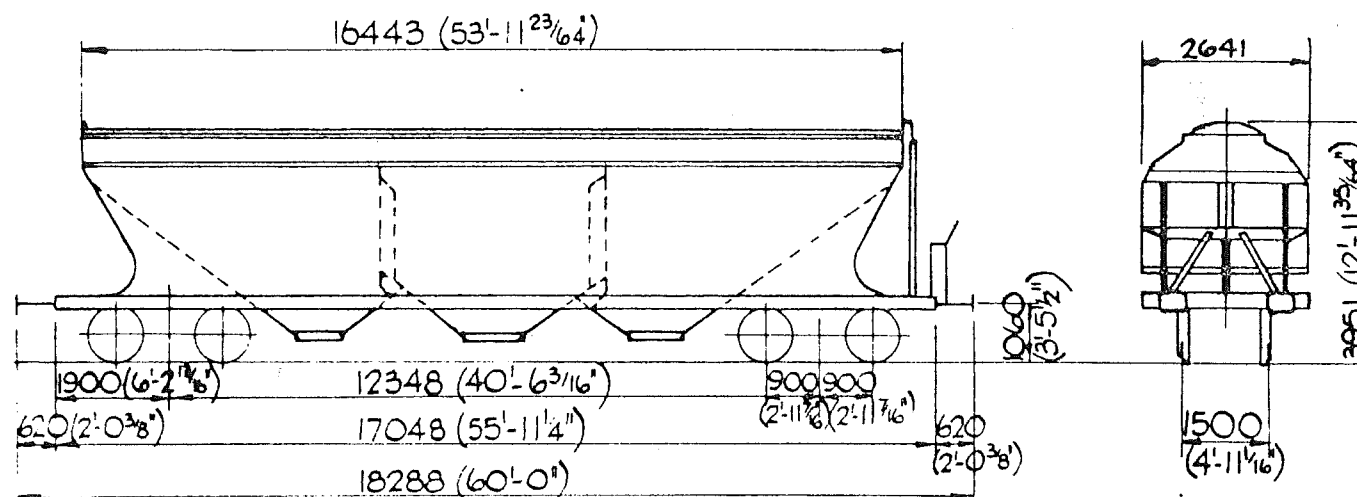
AIR BRAKE VACUUM THRO' PIPE

HANDBRAKE -

SCREW

TARE - 20T - 14c.

LOAD -



A	B	C
42T-6c	50T-4c	58T-0c
S 42T-6c	50T-4c	

	H	M	L	E
TONS	80	71	35	21
V.B.	0	0	0	0
A.B.	56	36	14	14
R.A.	6	5	1	1
MAX	50	62	62	62
LENGTH		9		

BOGIE HOPPER WAGON.- BELGIAN.

TYPE - Uafs.

VEHICLE N^o. - 21 88 099 8 000-065

TOPS CODE

CARKND AARKND

TCB 7B V5

ASSEMBLY FAUVET-GIREL 107280.

QTY. 66.

VEHICLE NOS. - 21 88 099 8 000, 007, 010, 011, 015 - 019,
021, 022, 025, 026, 029, 030, 033 - 057, 066 - 080, 100 - 110

E.442

REV 5

HOPPER CAP - 95m³ (3355ft³)

POWER BRAKE -

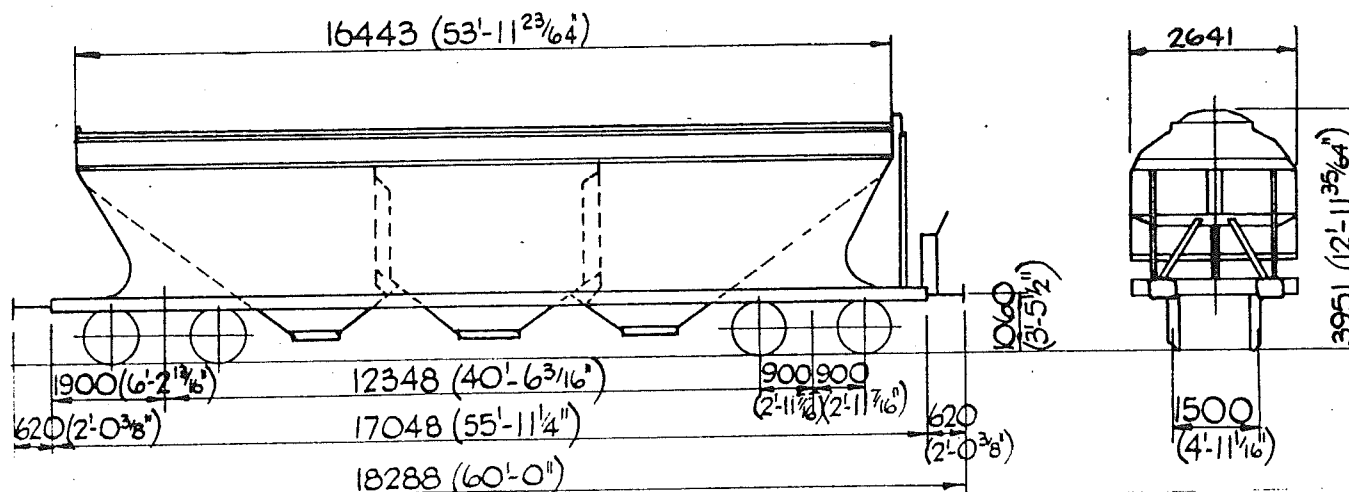
AIR BRAKE VACUUM THRO PIPE

HANDBRAKE -

SCREW

TARE - 21 000 kg.

LOAD -



BOGIE HOPPER WAGON - BELGIAN
TYPE - Uafs.

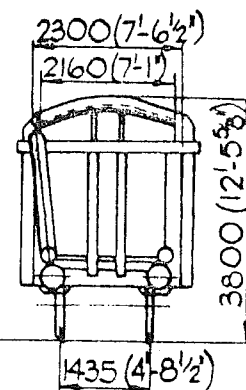
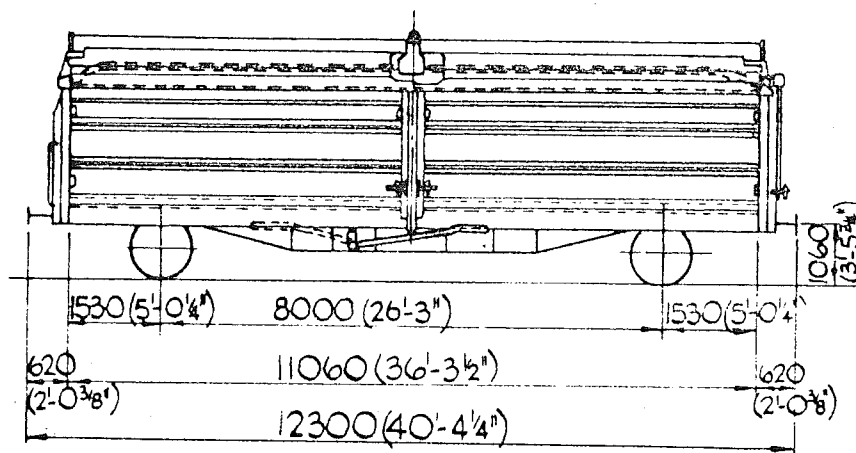
TOPS CODE
CAKND AARKND
I P B I P B H

	A	B	C
	43,0t	51,0t	59,0t
15	43,0t	51,0t	59,0t

	H	M	L	E
TONS	80	71	35	21
V.B.	0	0	0	0
A.B.	36	36	14	14
R.A.	6	5	1	1
8000	62	62	62	62
LEN 3 RP	9			

ASSEMBLY FAUVET - GIREL 107280.

QTY. 66.



E. 443.

REV. 1

FLOOR AREA - 24.2 m² / 260 ft² APPROX.

CU. CAP. - 48.4 m³ / 1700 ft³ APPROX.

FLOOR - STEEL

POWER BRAKE -

AIR BRAKE - VACUUM THRO' PIPE

HANDBRAKE - LEVER

TARE. - 13T-15c.

LOAD -

GERMAN - COVERED WAGON WITH MOVEABLE
SIDES & SLIDING ROOF.

TYPE - Tifs.

VEHICLE NO. - 21 80 058 5 000 - 002.

QTY. 3.

A	B	C
17T-14C	21T-13C	25T-12C
5	17T-14C	21T-13C

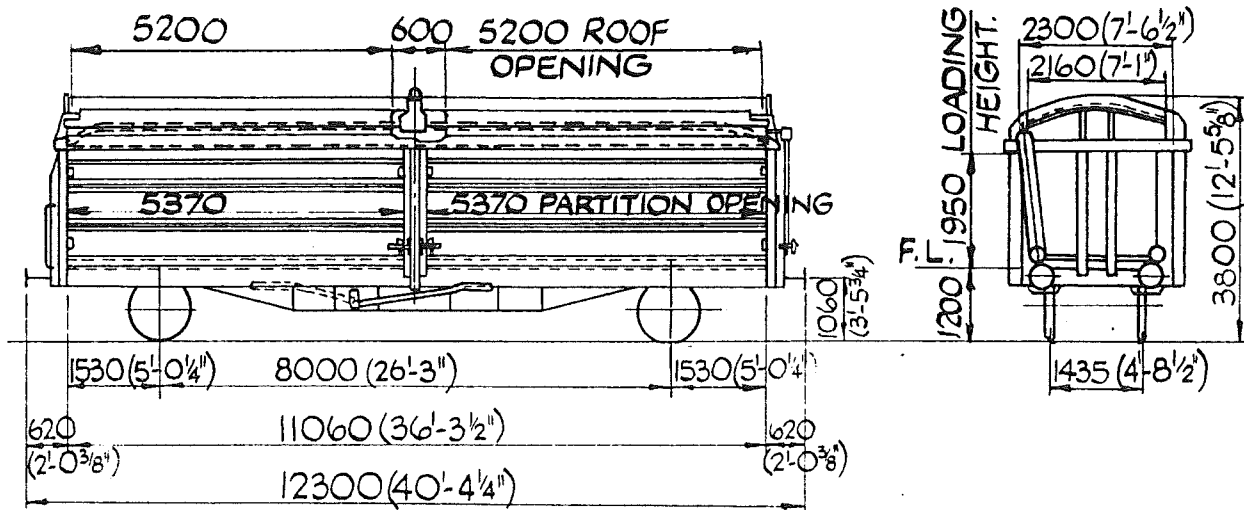
	H	M	L	E
TONS	40	36	21	14
V.B.	0	0	0	0
A.B.	21	21	12	12
R.A.	6	5	1	1
W.D.	50	62	62	62
LENGTH		10		

TOPS CODE

CARKND AARKND

ILB 7 WK 5

WAGGON UNION 8AZ-125.0031.



E. 443.

REV 4.

FLOOR AREA - 24.2m² / 260ft² APPROX.

CU. CAP. - 48.4m³ / 1700ft³. APPROX.

FLOOR - STEEL.

POWER BRAKE -

AIR BRAKE. VACUUM THRO' PIPE.

HANDBRAKE - LEVER.

TARE. - 14 000 kg.

LOAD -

GERMAN - COVERED WAGON WITH MOVEABLE

SIDES & SLIDING ROOF. DEGUSSA, FRANKFURT (MAIN.)

TYPE - Tifs.

VEHICLE NO. - 21 80 058 5 000 - 002.

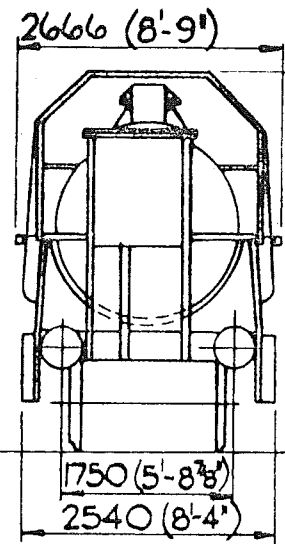
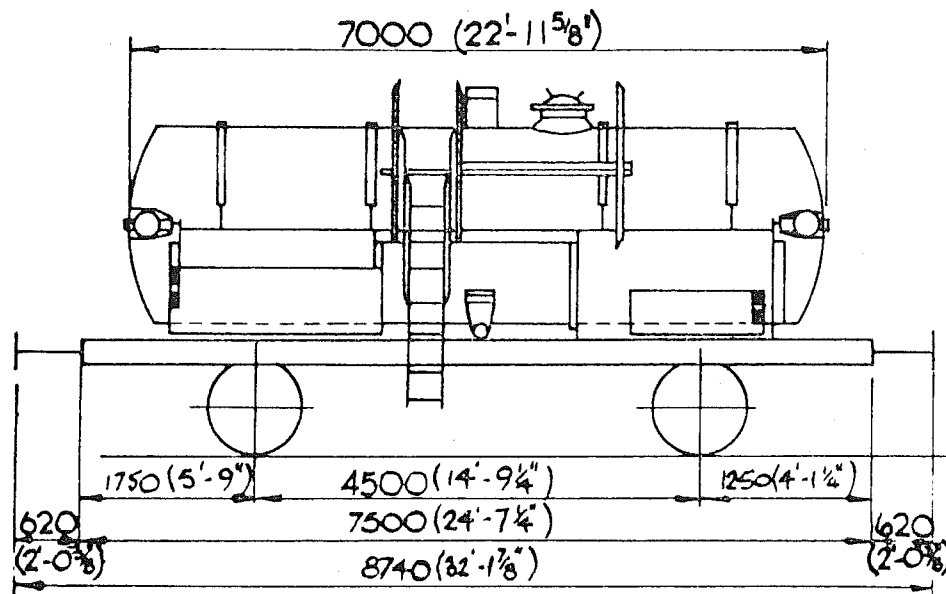
QTY. 3.

	A	B	C
	18t	22t	26t
S	18t	22t	

	H	M	L	E
TONS	40	36	21	14
V.B.	0	0	0	0
A.B.	21	21	12	12
R.A.	6	5	1	1
MAX. SPEED	50	62	62	62
EXCESS LENGTH		10		

WAGGON UNION 8AZ-125.0031.

OPS CODE
CAR AND AARKND
IPB IPBL



E.444.
REV.

CAPACITY. - 202 hl / 4450 galls.
TANK MATL. - ALUMINIUM
POWER BRAKE -
COMPRESSED AIR & VACUUM
THRO' PIPE.
HANDBRAKE -
SCREW & SIDE LEVER.
TARE. - 10T-17c.
LOAD.

	A	B	C
	20T-4c	24T-2c	28T-0c
5	20T-4c	24T-2c	

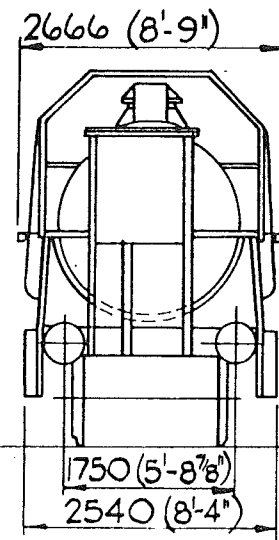
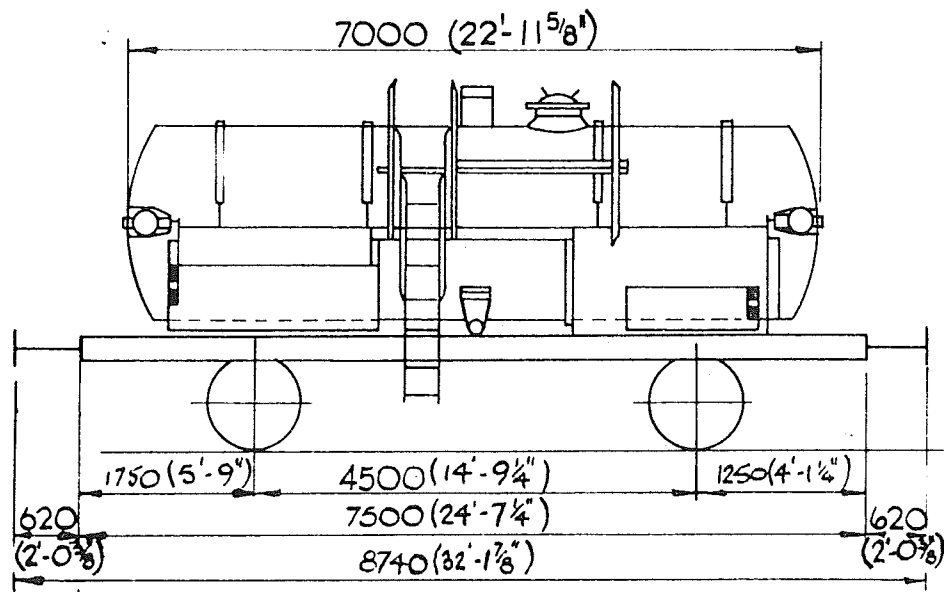
TANK WAGON. - GERMAN. - B.A.S.F.
TYPE. - Ufhg.
VEHICLE N^o. - 21 80 008 5 405.
QTY. - 1.

G.A. DRG. N^o. - BT. 1053. REBUILT FROM 21 80 008 0 405 ON E160.

TOPS CODE	
CARKND	AARKND
1 T B	7 W Z 5

	H	M	L	E
TONS	40	36	18	11
V.B.	0	0	0	0
A.B.	18	18	5	5
R.A.	6	5	1	1
BASE	50	62	62	62
LENGTH			4	

E444.
REV.1.



CAPACITY - 202 hl / 4450 galls.
TANK MATL - ALUMINIUM
POWER BRAKE -
COMPRESSED AIR & VACUUM
THRO. PIPE.
HANDBRAKE -
SCREW & SIDE LEVER.
TARE - 11 000 kg
LOAD.

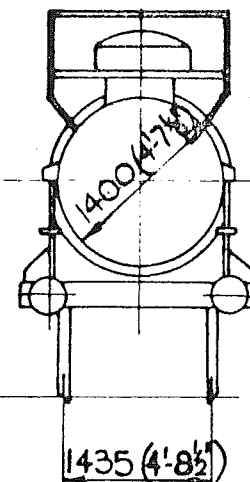
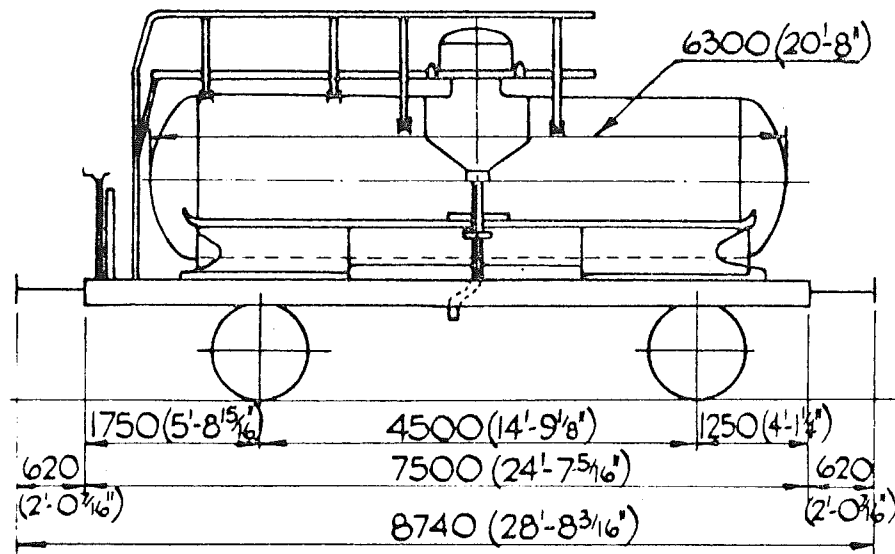
A	B	C
20.5t	24.5t	28.5t
5	20.5t	24.5t

TANK WAGON - GERMAN. - B.A.S.F.
TYPE - Ufhs.
VEHICLE N^o. - 21 80 008 5 405.
QTY - 1.

G.A. DRG. N^o. - BT. 1053. REBUILT FROM 21 80 008 0 405 ON E160.

TOPS CODE
CARKND AARKND
1 C B 1 C B B

	H	M	L	E
TONS	40	36	18	11
V.B.	0	0	0	0
A.B.	18	18	5	5
R.A.	6	5	1	1
SPEED	50	62	62	62
EXCESS LENGTH			4	



E 445
REV.

CAPACITY - 87hl./1915 galls.

TANK MATL. - MILD STEEL.

POWER BRAKE -

AIR BRAKE. VAC. THRO' PIPE.

HANDBRAKE -

PLATFORM SCREW BRAKE

SIDE LEVER.

TARE. - 15000 Kg.

LOAD. -

	A	B	C
	17,0t	21,0t	25,0t
S	17,0t	21,0t	25,0t

TANK WAGON - GERMAN. - (DB) V.T.G. LTD.

TYPE. - Ufhs.

VEHICLE No. - 21 80 078 5 195 - 200

G.A DRG VTG W.1878.

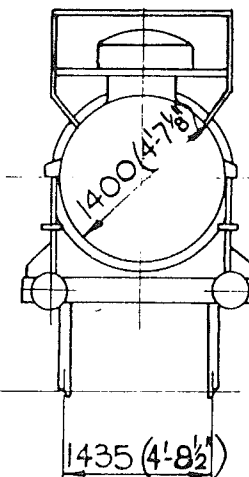
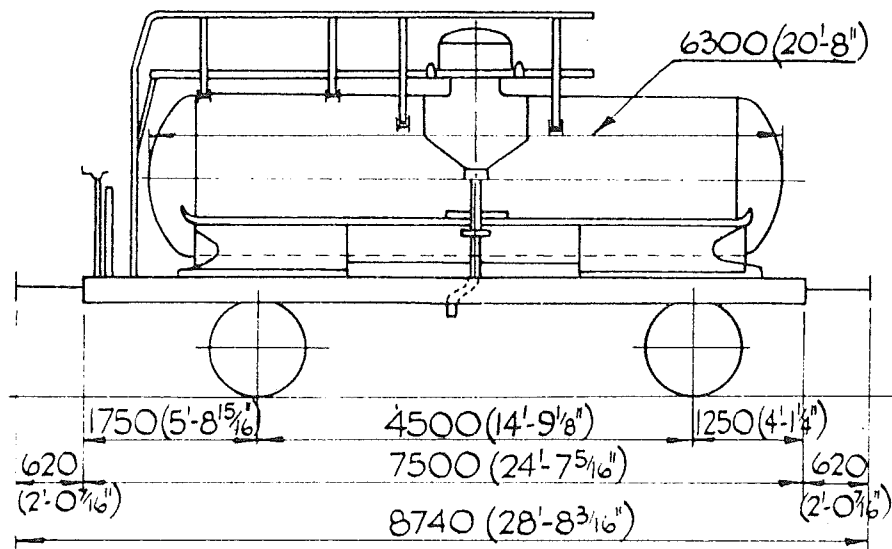
QTY. - 6

TOPS CODE

CARKND AARKND

ITB 7WZ5

	H	M	L	E
TONS	40	30	21	15
V.B.	0	0	0	0
A.B.	21	21	11	11
R.A.	6	2	1	1
W.B.	62	62	62	62
LENGTH			4	



E 445
REV.1

CAPACITY - 87hl./1915 galls
TANK MATL - MILD STEEL
POWER BRAKE -
AIR BRAKE. VAC. THRO' PIPE
HANDBRAKE -
PLATFORM SCREW BRAKE
SIDE LEVER.
TARE. - 15000 Kg.
LOAD. -

	A	B	C
	17,0t	21,0t	25,0t
S	17,0t	21,0t	25,0t

TANK WAGON - GERMAN - (DB.) V.T.G. LTD.

TYPE - Ufhs

VEHICLE N° - 21 80 078 5 195 - 200

G.A DRG. V.T.G. W.1878.

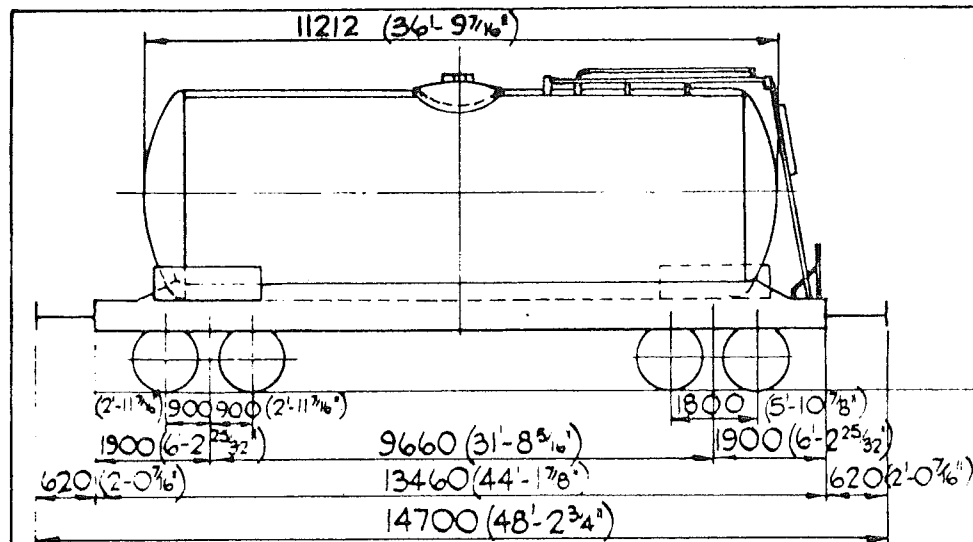
QTY - 6

TOPS CODE

CARRIED ABOARD

ICB ICBB

	H	M	L	E
TONS	40	30	21	15
V.B.	0	0	0	0
A.B.	21	21	11	11
R.A.	6	2	1	1
AXES	62	62	62	62
LENGTH	4			



E 446.
REV.

CAPACITY - 527.5hl/11610 galls.
TANK MATL. - STEEL
POWER BRAKE -
AIR BRAKE. VAC. THRO' PIPE
HANDBRAKE -
PLATFORM SCREW.
SCREW BRAKE OPERABLE FROM
GROUND LEVEL.
TARE 18600 Kg.
LOAD -

	A	B	C
	45,4t	53,4t	53,4t
S	45,4t	53,4t	

TANK WAGON - FRENCH - ERMEWA & FERT.
TYPE - Uafhs.

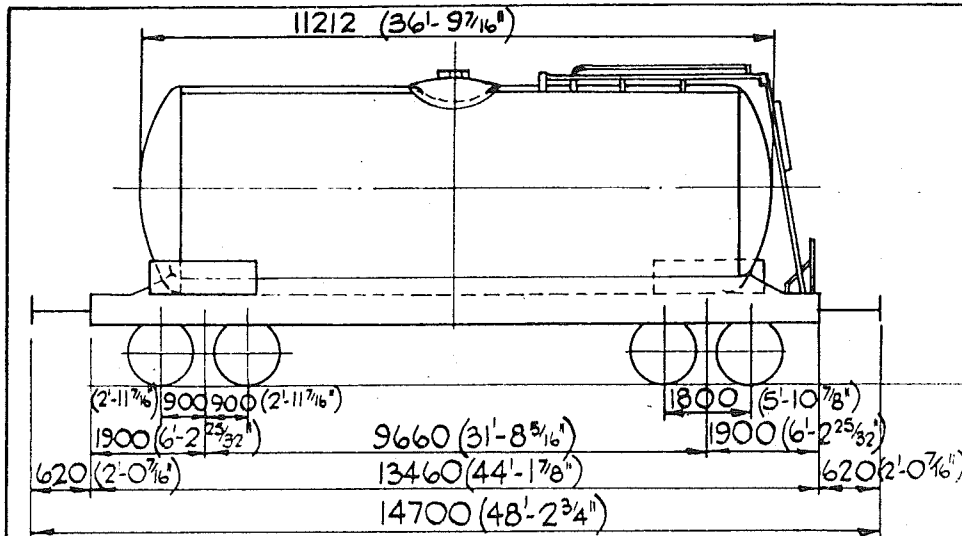
VEHICLE N^o. - 21 87 079 8 911 - 945 ERMEW. 946 - 955 FERT.

G A DRG - FAUDET GIREL 107699.

QTY. 45

TOPS CODE
CARKND AARKND
L T B 7 F Q 5

	H	M	L	E
TONS	71	52	32	19
V.B.	0	0	0	0
A.B.	36	36	12	12
R.A.	5	1	1	1
SPEED	62	62	62	62
LENGTH			3	



E 446.
REV. 1

CAPACITY - 527.5h/11610 galls.
TANK MATL. - STEEL
POWER BRAKE -
AIR BRAKE. VAC. THRO' PIPE.
HANDBRAKE -
PLATFORM SCREW.
SCREW BRAKE OPERABLE FROM
GROUND LEVEL.
TARE 18600 kg.
LOAD. -

	A	B	C.
	45,4t	53,4t	53,4t
S	45,4t	53,4t	

TANK WAGON - FRENCH - ERMEWA & FERT.

TYPE - Uafhs.

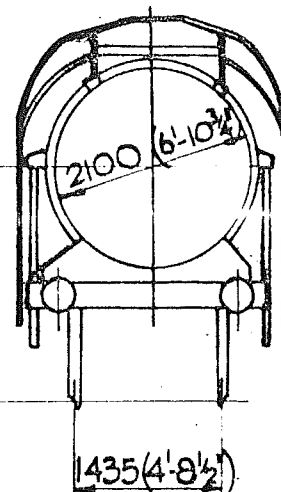
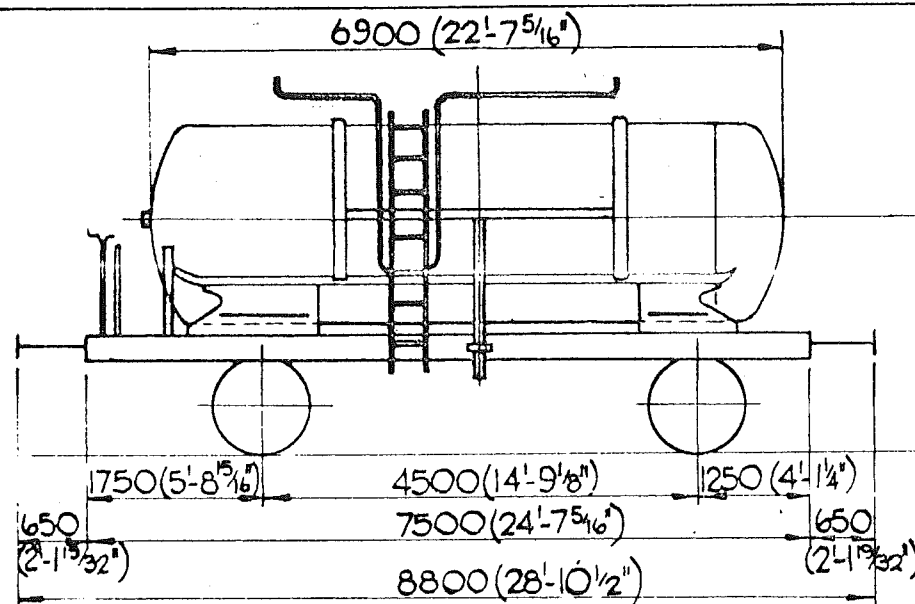
VEHICLE N^o. - 21 87 079 8 911 - 945 ERMEWA 946 - 955 FERT.

G.A. DRG. - FAUDET GIREL. 107699.

QTY. 45.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL N ^o
1 C B	1 C B B	

	H	M	L	E
TONS	71	52	32	19
V.B.	0	0	0	0
A.B.	36	36	12	12
R.A.	5	1	1	1
SPEED	62	62	62	62
EXCESS LENGTH			3.	



E 447.

REY.

CAPACITY - 220hl./4840 galls.

TANK MATL. - STEEL (STAINLESS)

POWER BRAKE -

AIR BRAKE. VAC. THRO. PIPE.

HANDBRAKE -

PLATFORM SCREW.

SIDE LEVER.

TARE - 11 100 Kg

LOAD. -

	A	B	C
	20,9t	24,9t	28,9t
\$	20,9t	24,9t	

TANK WAGON - GERMAN - (D.B.) V.T.G. LTD.

TYPE - Ufhs.

VEHICLE N^o. - 21 80 078 5. 201 & 202.

G.A. DRG. V.T.G. W.1882.

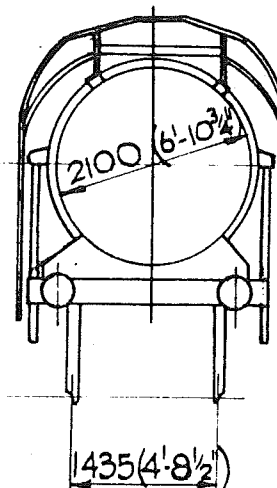
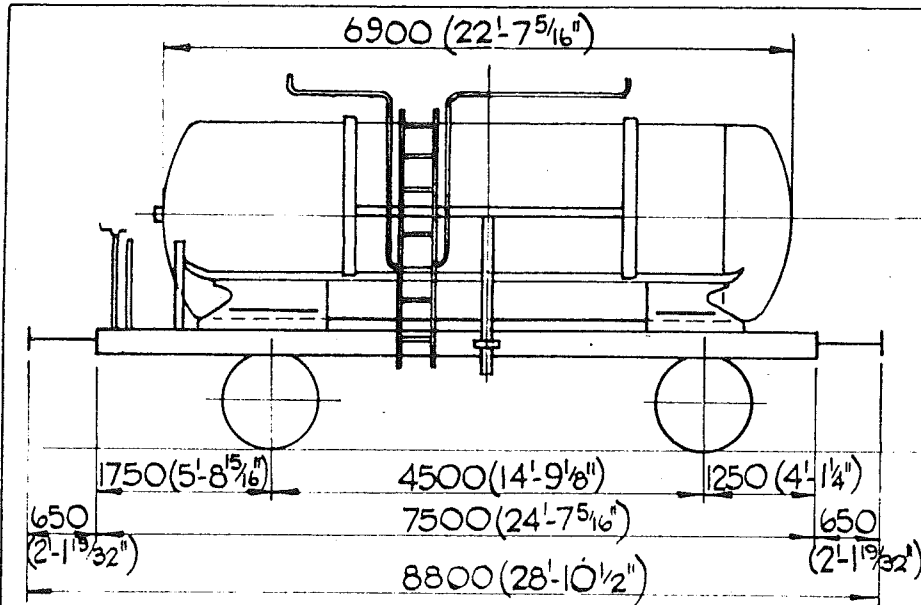
QTY 2.

TOPS CODE

CARKND AARKND

1.T.B. 7.W.Z.5

	H	M	L	E
TONS	40	36	18	11
V.B.	0	0	0	0
A.B.	21	21	8	8
R.A.	6	5	1	1
SPED	50	62	62	62
USERS				
USERS				



E 447.

REV. I

CAPACITY - 220hl./4840 galls.

TANK MATL. - STEEL (STAINLESS)

POWER BRAKE -

AIR BRAKE. VAC. THRO' PIPE.

HANDBRAKE -

PLATFORM SCREW.

SIDE LEVER.

TARE - 11 100 kg

LOAD. -

	A	B	C
	20,9t	24,9t	28,9t
S	20,9t	24,9t	

TANK WAGON - GERMAN - (D.B.) V.T.G. LTD.

TYPE - Ufhs.

VEHICLE No. - 21 80 078 5 201 & 202

G.A. DRG. V.T.G. W.1882.

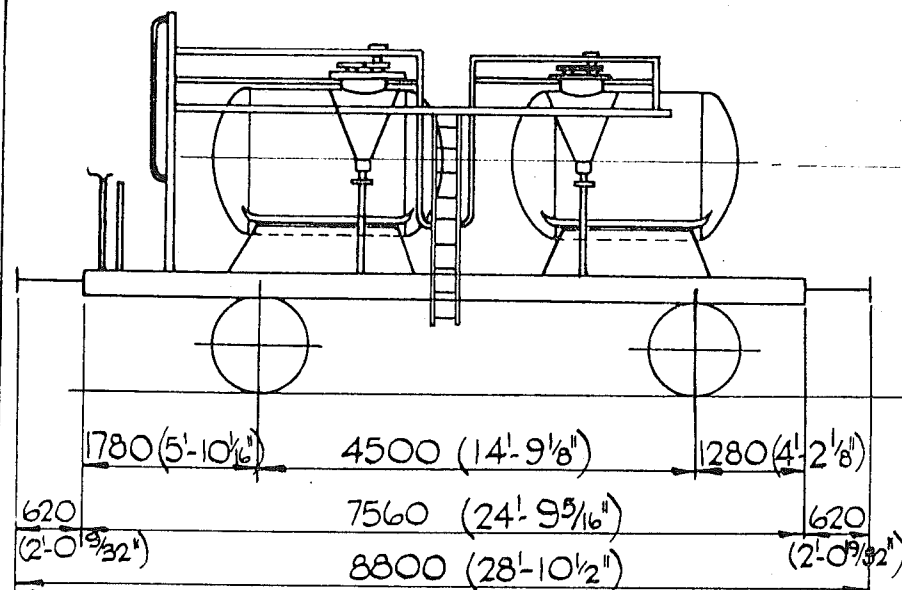
QTY. 2.

TOPS CODE

CARKND AARKND

ICB ICB

	H	M	L	E
TONS	40	36	18	11
V.B.	0	0	0	0
A.B.	21	21	8	8
R.A.	6	5	1	1
MAX	50	62	62	62
LENGTH			4	



TANK WAGON - GERMAN. - (D.B.) CHEMISHE FABRIK

TYPE. - Ufh.

KALK GmbH.

VEHICLE No. - 21 80 008 0 250-2.

G.A. DRG. C.F.K. - Gd. 21-07-35945-1.

QTY. 1.

E 448.

REV.

CAPACITY - 78 hl./1715 galls.

TANK MATL. - STEEL.

POWER BRAKE -

AIR BRAKE. VAC. THRO' PIPE.

HANDBRAKE -

PLATFORM SCREW

SIDE LEVER

TARE 16350 kg

LOAD -

A	B	C
-	-	22, + L

TOPS CODE

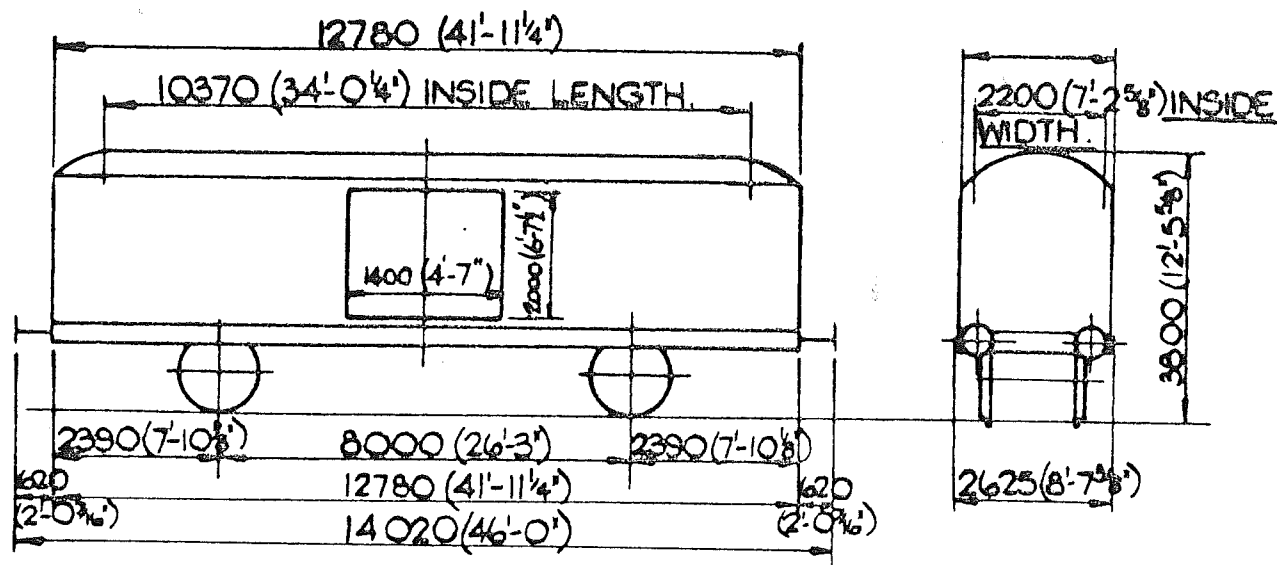
CARKND AARKND

OPERATING

PANEL No.

1 C B 1 C B B

	H	M	L	E
TONS	38	30	22	16
V.B.	0	0	0	0
A.B.	21	21	11	11
R.A.	6	2	1	1
MAX. SPEED	50	50	50	50
LENGTH	4.			



E.450
REV.

FLOOR AREA - 22.8 m² / 245 ft²

CU. CAP. - 42 m³ / 1483 ft³

FLOOR -

POWER BRAKE -

AIR BRAKE. VACUUM THRO' BRAKE

HANDBRAKE. HAND SCREW

HAND LEVER

TARE - 17500 kg

LOAD -

	A	B	C
1	14.5t	18.5t	22.5t
5	14.5t	18.5t	
10		14.5t	

REFRIGERATOR WAGON - ITALIAN - INTERFRIGO

TYPE - Ibcefs

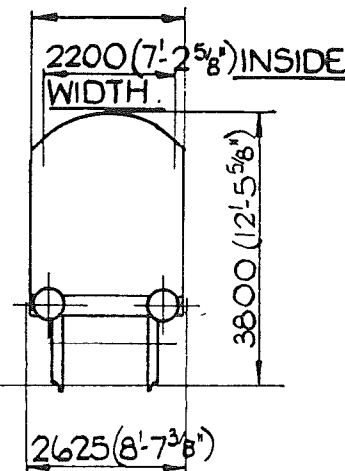
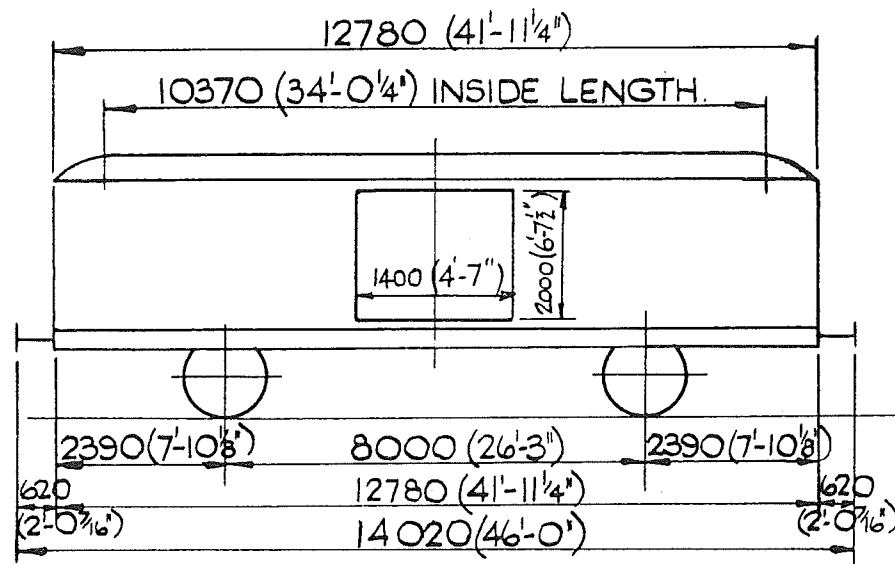
VEHICLE N^o. - 11 83 088 8 999.

QTY. - 1.

G.A. DRG. N^o. 3651 A.GALLINARI

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.

	H	M	L	E
TONS	40	50	32	15
Y.B.	0	0	0	0
A.B.	20	10	12	9
R.A.	6	3	1	1
W.C.	50	62	73	73
LENGTH			12	



E.450.
REV 3

FLOOR AREA - 22.8m²/245 ft².
CU. CAP. - 42m³/1483 ft³.
FLOOR. -
POWER BRAKE -
AIR BRAKE, VACUUM THRO' BRAKE
HANDBRAKE, HAND SCREW
HAND LEVER.
TARE. - 17500 kg.
LOAD. -

	A	B	C
	14,5t	18,5t	22,5t
S	14,5t	18,5t	
SS	14,5t		

REFRIGERATOR WAGON. - ITALIAN - INTERFRIGO.

TYPE - Ibcefss.

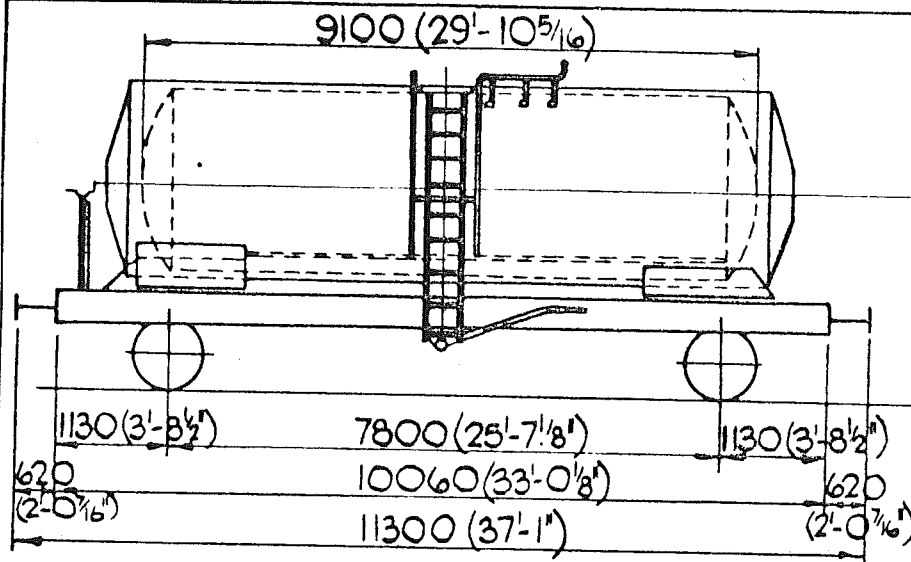
VEHICLE N^o. - 11 83 088 8 999.

QTY. - 1.

G.A. DRG. N^o. 3651 A.GALLINARI

TOPS CODE			
CARKND	AARKND	OPERATING	PANEL NO.
11B	11BL		

	H	M	L	E
TONS	40	36	32	18
V.B.	0	0	0	0
A.B.	20	18	12	9
R.A.	6	5	1	1
SPD	50	62	75	75
LENGTH	12.			



TANK WAGON - GERMAN - (D.B.) - V.T.G.

TYPE - Ufh_s

VEHICLE N^o - 21 80 078-5 203 - 212

QTY - 10

G.A.DRG. N^o - 1.13.494.0.01.

E.451.
REV.

CAPACITY - 30m³ (6660 galls)

TANK MATL - S. STEEL

POWER BRAKE -

AIR BRAKE
VACUUM THRO PIPE

HANDBRAKE -

PLATFORM SCREW
HAND LEVER

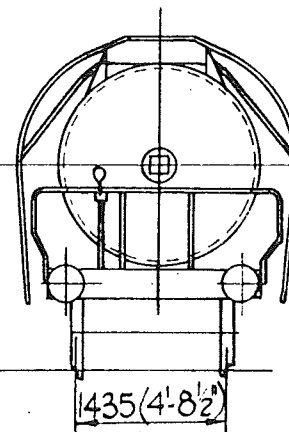
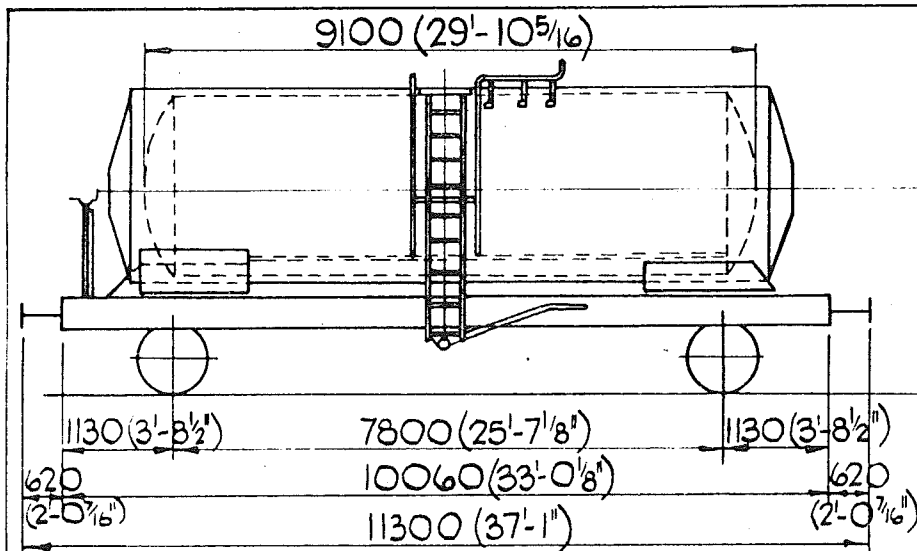
TARE - 13400 Kg.

LOAD -

	A	B	C
	18,6t	22,6t	26,6t
S	18,6t	22,6t	26,6t

TOPS CODE	
CARKND	AARKND
OPERATING	
PANEL No.	

	H	M	L	E
TONS	40	36	21	14
V.B.	0	0	0	0
A.B.	21	21	9	9
R.A.	6	5	1	1
W.D.	62	62	62	62
W.D.	62	62	62	62
W.D.	62	62	62	62



E.451.
REV. 1

CAPACITY - 30m³ (6660 gals)

TANK MATL. - S. STEEL

POWER BRAKE -

AIR BRAKE
VACUUM THRO PIPE

HANDBRAKE -

PLATFORM SCREW
HAND LEVER

TARE - 13400 Kg.

LOAD -

	A	B	C
	18,6t	22,6t	26,6t
S	18,6t	22,6t	26,6t

TANK WAGON - GERMAN - (D.B.) - V.T.G.

TYPE - Ufhs

VEHICLE N^o . 21 80 078 5 203 - 212.

QTY - 10.

GA. DRG. N^o - 1.13.494.0.01.

TOPS CODE
CARRND AARKND
ICB ICBB

	H	M	L	E
TONS	40	36	21	14
V.B.	0	0	0	0
A.B.	21	21	9	9
R.A.	6	5	1	1
SPED	62	62	62	62
LENGTH			8	

E 452

REV.

FLOOR AREA - 25.2m²/271 ft²

CU. CAP. - 46.4 m³/1639 ft³

FLOOR -

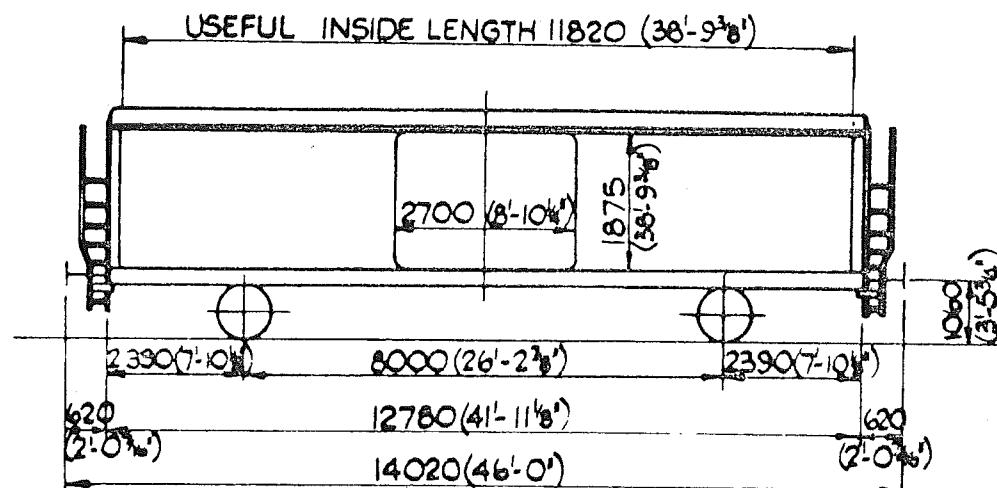
POWER BRAKE - AIR BRAKE

VACUUM BRAKE

HANDBRAKE - LEVER

TARE - 15 950 kg.

LOAD



INTERFRIGO - ITALIAN.

TYPE - Ibfls

VEHICLE Nos. - 14 83 089 1 998 & 999

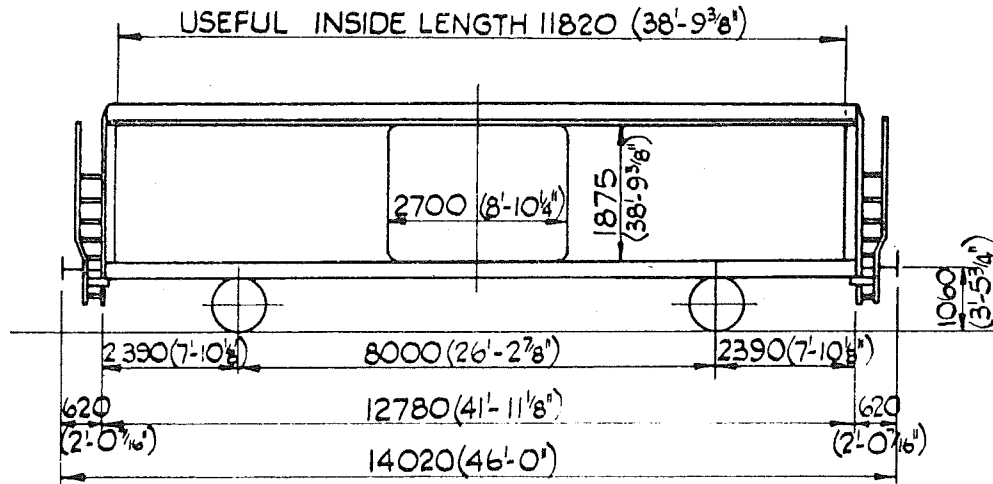
QTY. - 2.

	A	B	C
	16t	20t	20t
\$	16t	20t	

TOPS CODE									
CARKND				AARKND				OPERATING	
118				7235				PANEL NO	

	H	M	L	E
TONS	16	50	21	16
V. B.	5	5	5	5
A. B.	15	15	8	8
P. A.	5	2	1	1
SP. D.	62	62	62	62
SP. D.			12	

E 452.
REV.1



FLOOR AREA - 25.2m²/271 ft²

CU. CAP. - 46.4m³/1639 ft³

FLOOR -

POWER BRAKE - AIR BRAKE

VACUUM BRAKE

HANDBRAKE - LEVER

TARE - 15 950 kg.

LOAD

INTERFRIGO - ITALIAN.

TYPE - Ibfls

VEHICLE NOS. - 14 83 089 1 998 & 999

QTY. - 2

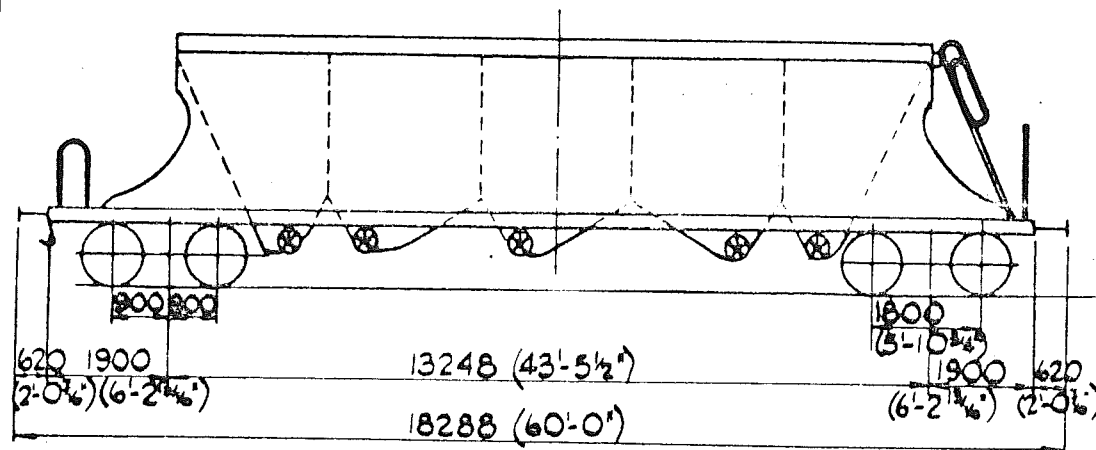
	A	B	C
	16t	20t	20t
S	16t	20t	

TOPS CODE
CARKND AARKND
OPERATING
PAGE NO.
11X 11X L

	H	M	L	E
TONS	36	30	21	16
V.B.	5	5	5	5
A.B.	15	15	8	8
R.A.	5	2	1	1
SPEED	62	62	62	62
EXCESS LENGTH	12			

E 453

REV.

CAPACITY - 80m³/2825 ft³.

POWER BRAKE -

AIR BRAKE, VACUUM THRO PIPE

HANDBRAKE - HAND SCREW.

TARE - 23500 kg.

LOAD -

BOGIE SUGAR WAGON - FRENCH - 'POLYBULK.'

TYPE - Uaf_sVEHICLE N^{os}. - 21 87 099 8 000 TO 021.

QTY. - 22.

DRG. N^o. - 108420 FAUVET - GIREL.

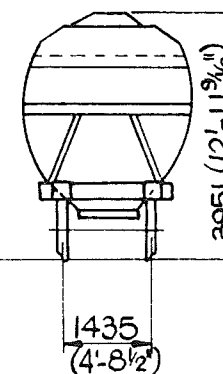
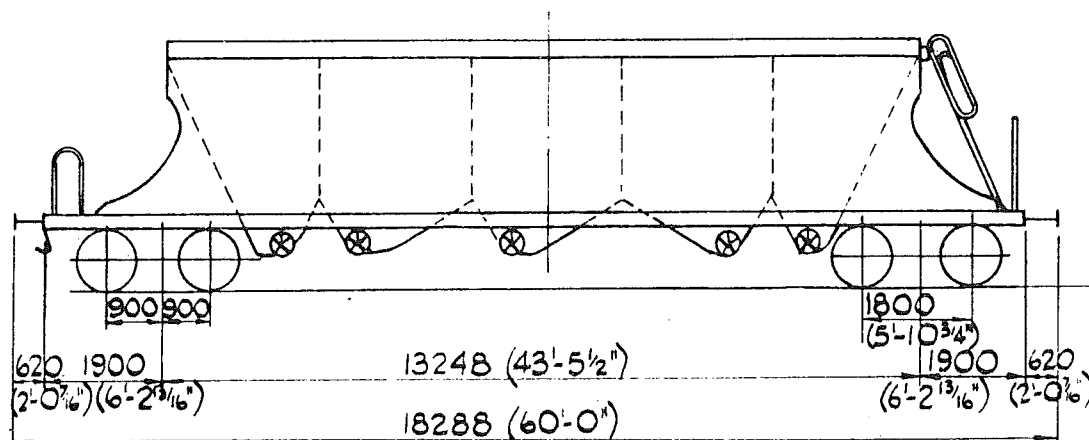
	A	B	C
	40st	48.5t	56.5t
S	40st	48.5t	

TOPS CODE	
CARKND	AARKND
PI B	7 F V 5

	H	M	L	E
TONS	80	72	37	24
V.B.	0	0	0	0
A.B.	37	37	15	15
R.A.	6	5	1	1
W.P.	50	62	62	62
W.P.H.	9			

E 453.

REV. 1

CAPACITY - 80m³/2825 ft³.

POWER BRAKE -

AIR BRAKE, VACUUM THRO PIPE

HANDBRAKE - HAND SCREW.

TARE - 23500 Kg.

LOAD -

BOGIE SUGAR WAGON - FRENCH - "POLYBULK."

TYPE - Uaf_sVEHICLE N^{os} - 21 87 099 8 000 TO 021.

QTY. - 22.

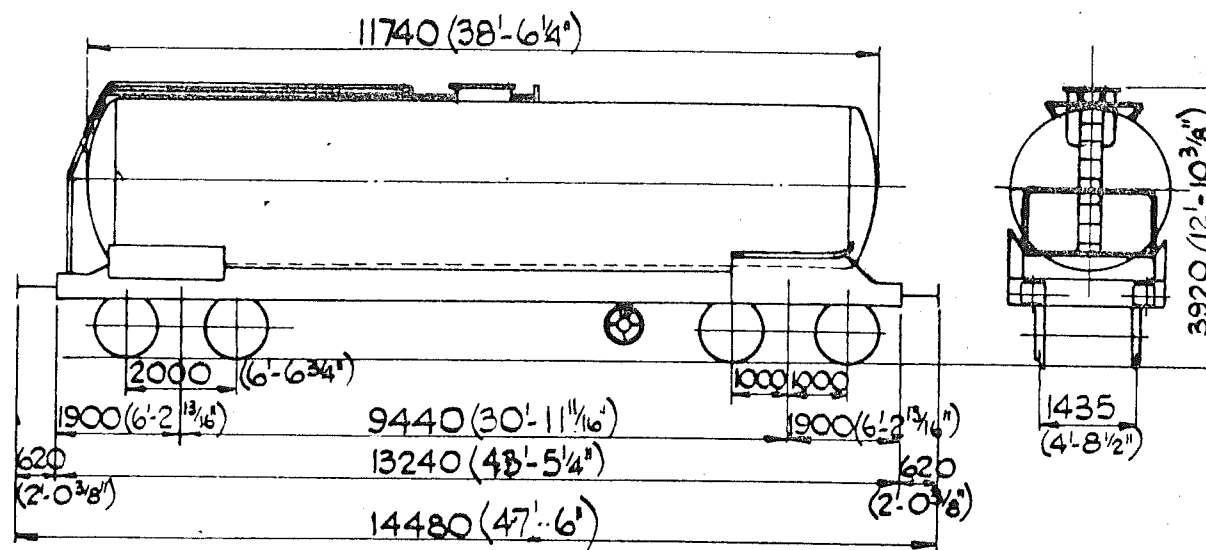
DRG. N^o. - 108420 FAUVET - GIREL.

	A	B	C
	40st	48st	56st
S	40st	48st	

TOPS CODE
CARKND AARKND OPERATING
FANCL IN
1 P B 1 P B L

	H	M	L	E
TONS	80	72	37	24
V.B.	0	0	0	0
A.B.	37	37	15	15
R.A.	6	5	1	1
W.P.	50	62	62	62
EXCESS LENGTH		9		

E.454
REV.1



CAPACITY - 510 hl / 11218 galls
TANK MATL - MILD STEEL
POWER BRAKE - AIR BRAKE
VACUUM BRAKE
HANDBRAKE - SCREW

TARE - 21800 Kg
LOAD -

	A	B	C
	42.2t	50.2t	58.2t
S	42.2t	50.2t	58.2t

BOGIE WINE TANK - FRENCH.

TYPE - Uafhs

VEHICLE NOS - 2487 079 8 907 - 910

QTY - 4

DIAGRAM 1-4-O. 666 C-F.M-F.

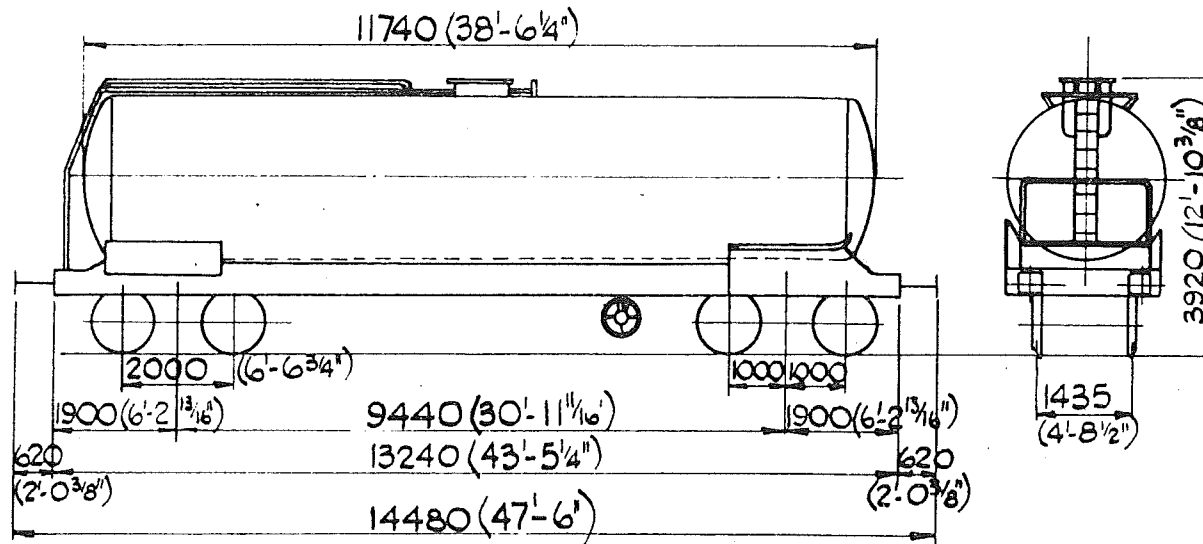
TOPS CODE

CARKND/ARKND

1 C X 7 F Q 2

	H	M	L	E
TONS	80	58	36	22
V.B.	32	32	15	15
A.B.	40	40	14	14
R.A.	6	2	1	1
S.P.D.	62	62	62	62
L.W.S.P.	3	-	-	-

E.454
REV 2



CAPACITY - 510 hl / 11218 galls
TANK MATL - MILD STEEL
POWER BRAKE - AIR BRAKE
VACUUM BRAKE
HANDBRAKE - SCREW

TARE - 21800 Kg
LOAD -

	A	B	C
	42.2t	50.2t	58.2t
IS	42.2t	50.2t	58.2t

BOGIE WINE TANK - FRENCH

TYPE - Uafhs

VEHICLE Nos - 2487 079 8 907 - 910

QTY. - 4

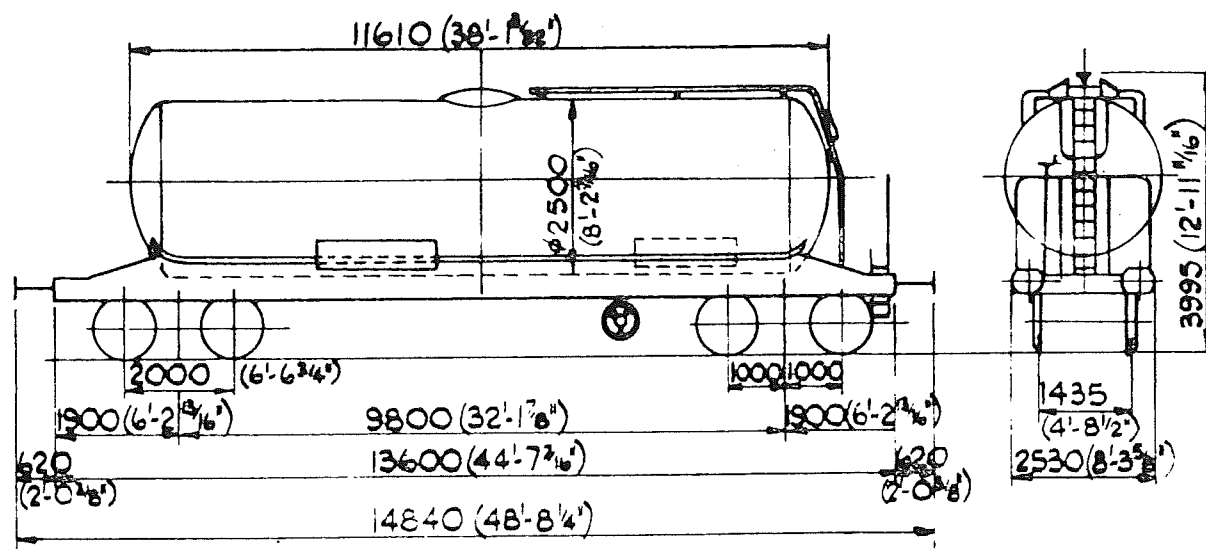
DIAGRAM 1-4-O. 666 C-F-M-F.

TOPS CODE
CARKND AARKND
1CX 1CXD

	H	M	L	E
TONS	80	58	36	22
V.B.	32	32	15	15
A.B.	40	40	14	14
R.A.	6	2	1	1
SPEED	62	62	62	62
EXCESS LENGTH		3.		

E.456

REV. 1



CAPACITY - 545 hl/12044galls.

TANK MATL. - STEEL.

POWER BRAKE -

AIR BRAKE. VACUUM BRAKE.

HANDBRAKE - SCREW & PLATFORM

TARE - 22775kg SCREW.LOAD -

A	B	C
41,2t	49,2t	57,2t
5	41,2t	49,2t.

BOGIE WINE TANK - FRENCH. (ERMEWA.)

TYPE - Uafhs

VEHICLE N^o. 24 87 079 8 902 - 906.

QTY. - 5.

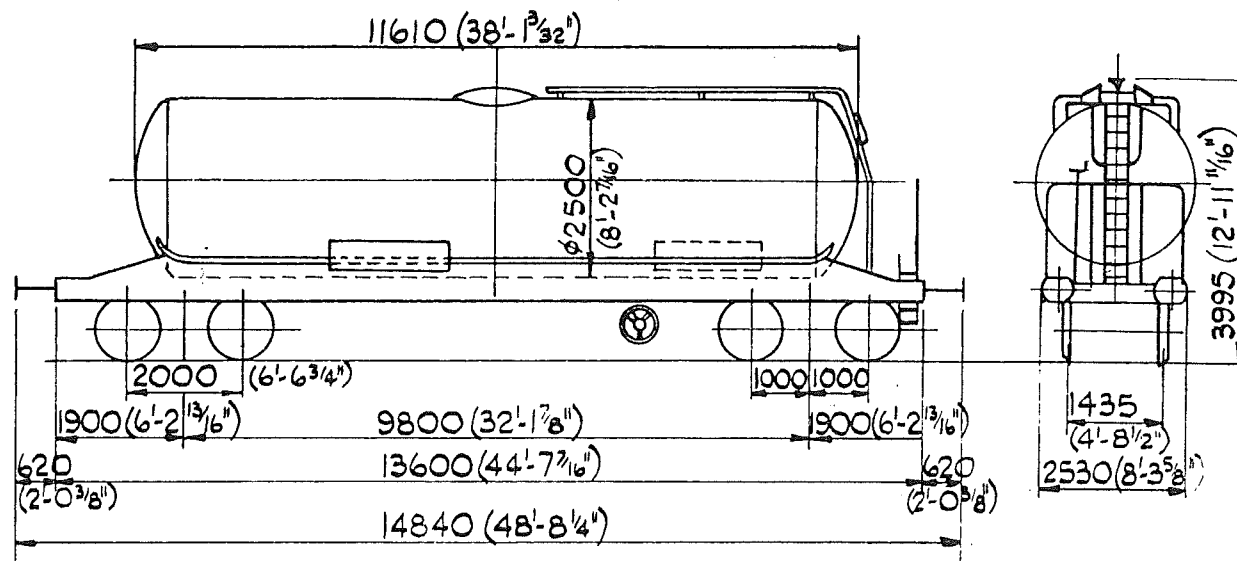
G.A. DRG N^o. - FAUVET GIREL 108460

TOPS CODE		OPERATING:
CARKND	AARKND	PANEL NO.
1	C	X
7	F	Q
2		

	H	M	L	E
TONS	60	72	87	22
V.B.	32	32	11	11
A.B.	36	36	14	14
R.A.	6	5	1	1
S.P.	50	62	62	102
U.B.	4			

E.456

REV. 4



BOGIE WINE TANK - FRENCH . (ERMEWA.)

TYPE - Uafhs

VEHICLE N^o. 24 87 079 8 902, 903, 905 906 .

QTY. - 4 .

G.A. DRG N^o. - FAUVET GIREL 108460

CAPACITY - 545 hl/12044galls.

TANK MATL. - STEEL.

POWER BRAKE -

AIR BRAKE. VACUUM BRAKE .

HANDBRAKE - SCREW & PLATFORM

TARE - 22775kg

SCREW.

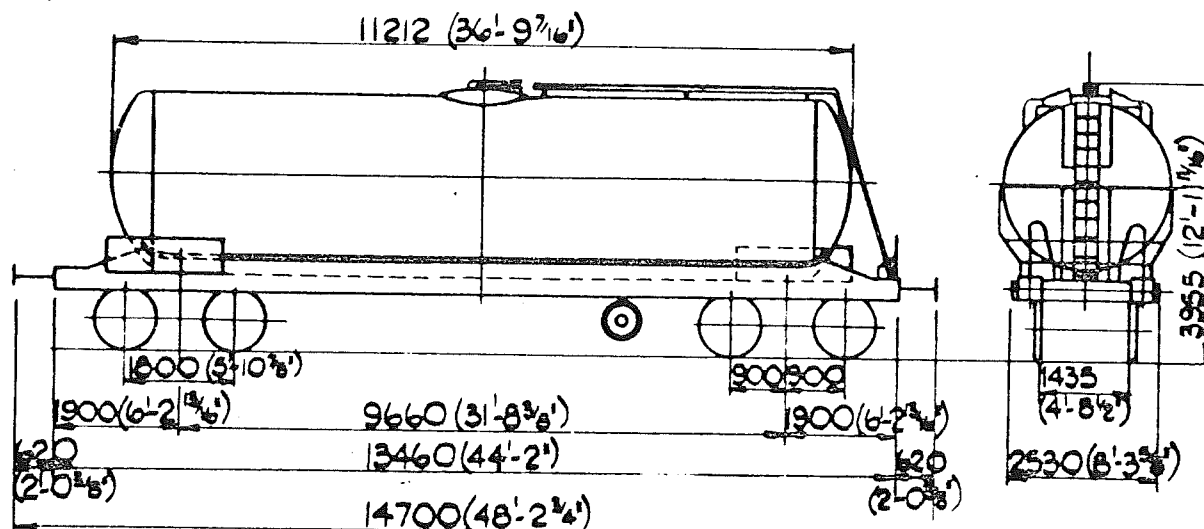
LOAD -

	A	B	C
	41,7t	49,7t	57,3t
5	41,7t	49,7t	57,3t

	H	M	L	E
TONS	80	72	37	22
V.B.	32	32	11	11
A.B.	36	36	14	14
R.A.	6	5	1	1
MAX SPEED	62	62	62	62
LENGTH	4.			

TOPS CODE		OPERATING
CARKND	AARKND	PANEL NO.
TICXICXD		

REV.



CAPACITY - 529 hl / 11643 galls.

TANK MATL. - STEEL.

POWER BRAKE -

AIR BRAKE, VACUUM PIPE.

HANDBRAKE-

SCREW. & PLATFORM SCREW.

TARE - 18600 Kg.

LOAD -

	A	B	C
	454t	534t	
15	454t	534t	

BOGIE WINE TANK WAGON - FRENCH - (ERMEWA.)

TYPE - Uafhs.

VEHICLE N°S. - 21 87 079 8 887 TO 901.

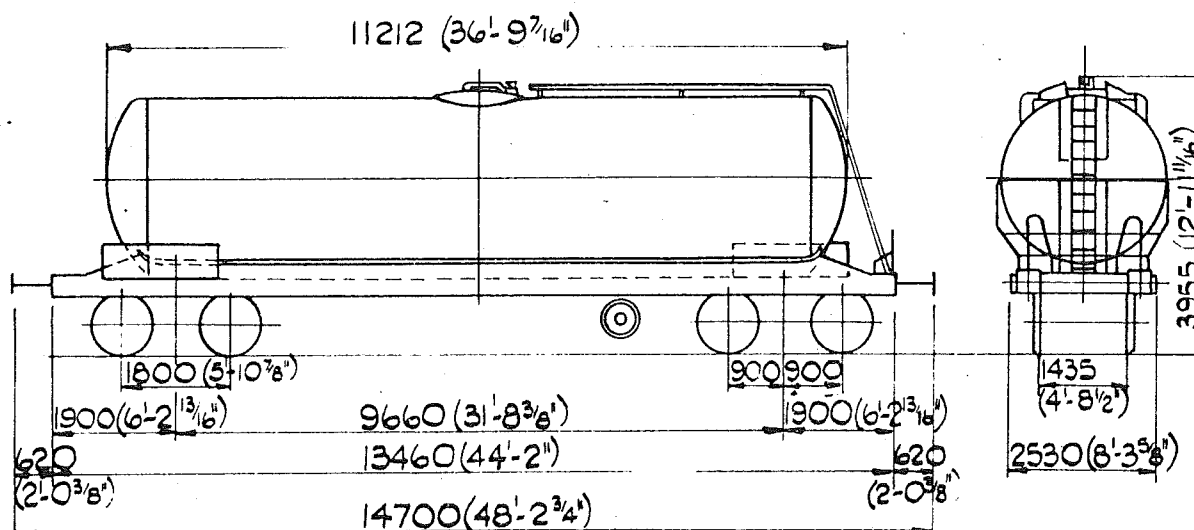
QTY - 15.

DRAWING N°-108633 FAUVET GIREL.

TOPS CODE									
CARKND				AARKND				OPERATING	
								PANEL No.	
T 1 8 7 F 8 5									

	H	M	L	E
TONS	72	52	52	19
V.B.	0	0	0	0
A.B.	36	36	12	72
R.A.	5			
MAX SPEED	62	62	62	62
LENGTH		5		

E 457.
REV.1



CAPACITY - 529 hl / 11643 galls.
TANK MATL. - STEEL.
POWER BRAKE -
AIR BRAKE, VACUUM PIPE.
HANDBRAKE -
SCREW. & PLATFORM SCREW.
TARE - 18 600 kg.
LOAD -

	A	B	C
	45.4t	53.4t	
S	45.4t	53.4t	

BOGIE WINE TANK WAGON - FRENCH - (ERMEWA.)

TYPE - Uafhs.

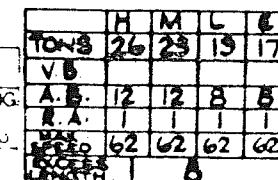
VEHICLE NOS. - 21 87 079 8 887 TO 901.

QTY - 15.

DRAWING N°-108633 FAUVET GIREL.

TOPS CODE
CARKND AARKND
1 C B 1 C B D

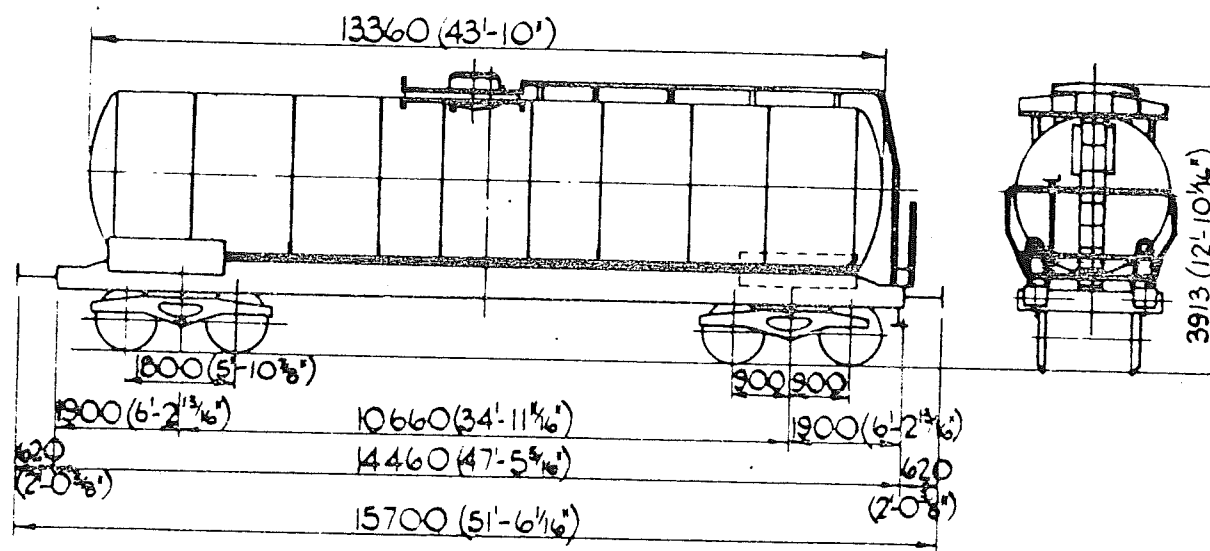
	H	M	L	E
TONS	72	52	32	19
V.B.	0	0	0	0
A.B.	36	36	12	12
R.A.	5	1	1	1
MAX. SPEED	62	62	62	62
Ex. LENGTH				3



11 A 7 F R 7

E.459

REV.



CAPACITY - 530hl/11661galls.
 TANK MATL - STAINLESS STEEL.
 POWER BRAKE -
 AIR BRAKE, VAC THROUGH PIPE
 HANDBRAKE - SCREW. - PLATFORM & SIDE SCREW.
 TARE - 20 200 Kg.
 LOAD -

	A	B	C
	41,8t	49,8t	57,8t
S	41,8t	49,8t	

TANK WAGON - POLISH - P.K.P.

TYPE - Uafha.

VEHICLE N^o - 31 51 076 5 075 - 084.

QTY. - 10.

DIAGRAM 107 794 FAUVET GIREL.

TOPS CODE

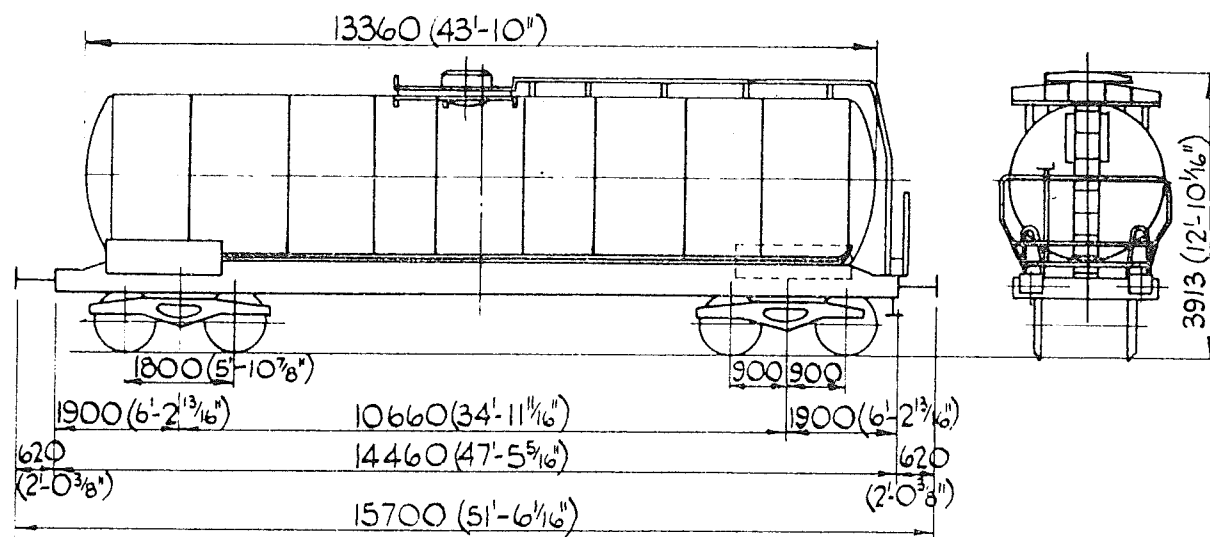
CARKND AARKND

PANEL N^o

	H	M	L	E
TONS	80	72	59	23
V.B.	0	0	0	0
A.B.	36	36	14	14
R.A.	6	5	2	1
MAX SPEED	50	62	62	62
EX LENGTH	5			

E.459

REV. 1



CAPACITY - 530hl/11661galls.

TANK MATL. - STAINLESS STEEL.

POWER BRAKE -

AIR BRAKE, VAC. THROUGH PIPE

HANDBRAKE - SCREW. - PLATFORM & SIDE SCREW.

TARE - 20 200 Kg.

LOAD -

	A	B	C
	41,8t	49,8t	57,8t
S	41,8t	49,8t	

TANK WAGON. - POLISH. - P.K.P.

TYPE - Uafhs.

VEHICLE N^o. - 31 51 076 5 075 - 084.

QTY. - 10.

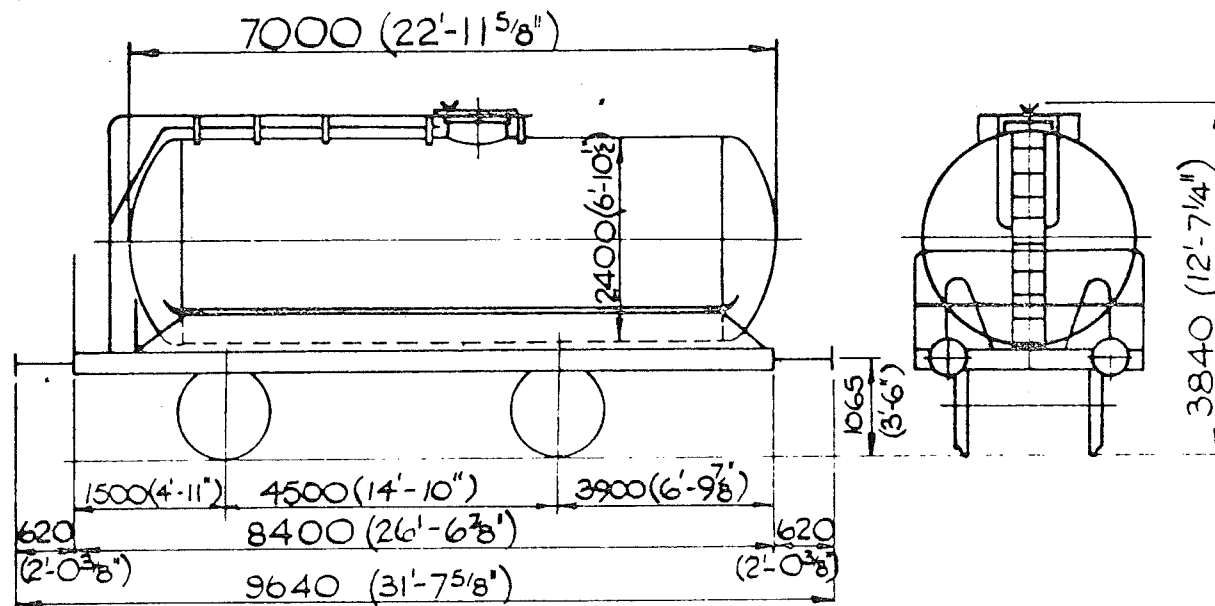
DIAGRAM 107 794 FAUVET GIREL.

TIPS CODE

DARKNE. REND

ICB ICBD

	H	M	L	E
TONS	80	72	59	23
V.B.	0	0	0	0
A.B.	36	36	14	14
R.A.	6	5	2	1
MAX. SPEED	50	62	62	62
EX. LENGTH		5		



E 460.
REV. 1

CAPACITY - 300hl/6600 galls
TANK MAT'L - STAINLESS STEEL
POWER BRAKE - AIR & VAC THRO PIPE
HAND BRAKE - HAND SCREW BRAKE
OP. FROM GROUND LEVEL
TARE - 11500 kg.
LOAD -

	A	B	C
	20.5t	24.5t	28.5t
5	20.5t	24.5t	

TANK WAGON - FRENCH. (TRANSCITERNE - GENEVA)

TYPE - Ufhs

VEHICLE N^o. - 21 87 078 5 519 & 520

QTY. - 2.

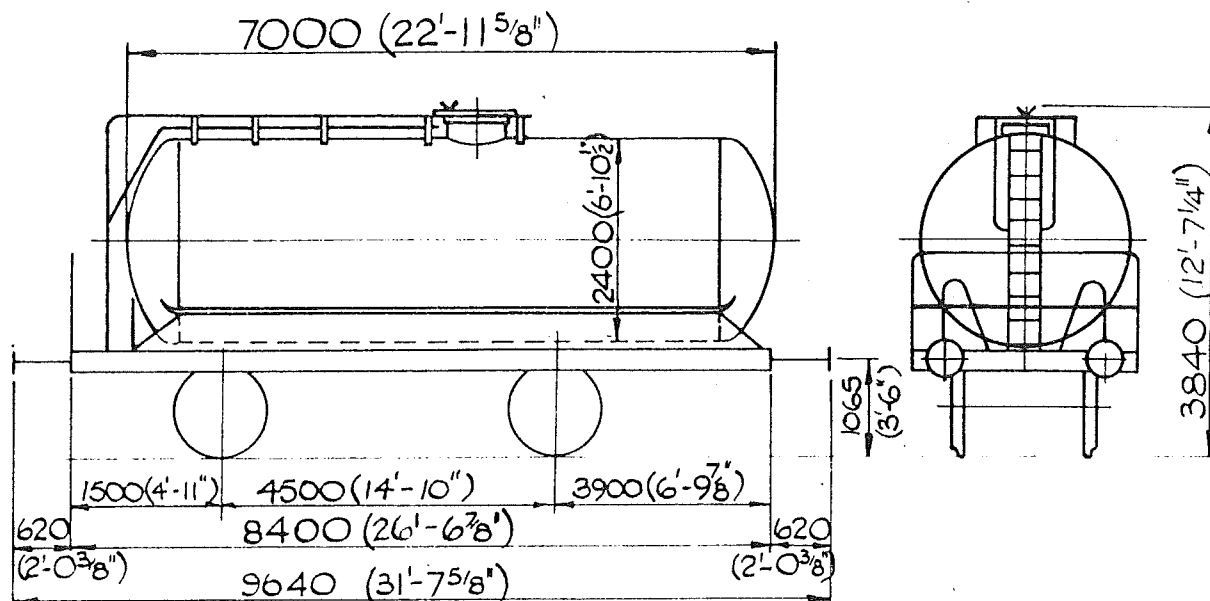
DRG. N^o. - ATELIERS d' OCCITANIE 10187C.

TOPS CODE

CARKND AARKND

1 C B 7 F Q 5

	H	M	L	E
TONS	40	36	19	12
V.B.	0	0	0	0
A.B.	18	18	6	6
R.A.	6	5	1	1
MAX	50	62	62	62
EXCESS LENGTH	6			



E 460.
REV. 2.

CAPACITY - 300hl / 6,600 galls.
TANK MATL. - STAINLESS STEEL.
POWER BRAKE - AIR & VAC. THRO' PIPE
HAND BRAKE - HAND SCREW BRAKE
OP. FROM GROUND LEVEL.
TARE - 11500 kg.
LOAD -

	A	B	C
	20.5t	24.5t	28.5t
5	20.5t	24.5t	

TANK WAGON - FRENCH. (TRANSCITERNE - GENEVA)

TYPE - Ufhs.

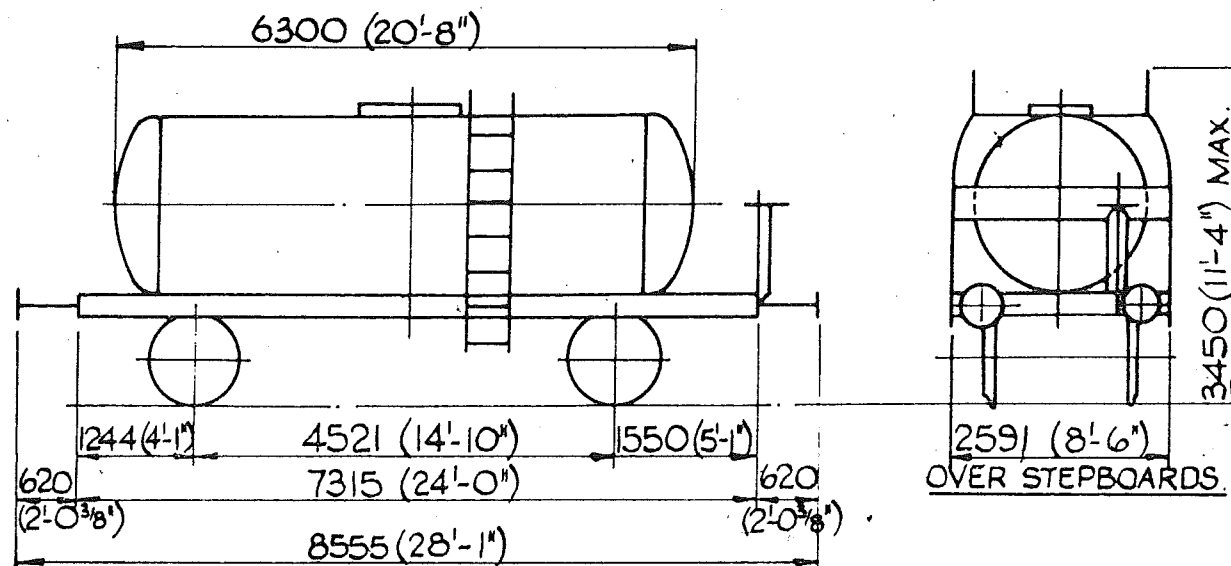
VEHICLE N°.-21 87 078 5 519 & 520

QTY. - 2.

DRG. N°.-ATELIERS D'OCCITANIE 10187C.

TOPS CODE
CARKND AARKND
1 C B 1 C B B

	H	M	L	E
TONS	40	36	19	12
V.B.	0	0	0	0
A.B.	18	18	6	6
R.A.	6	5	1	1
MAX SPEED	50	62	62	62
EXCESS LENGTH				6.



E. 461.
REV.

CAPACITY - 165 hl / 3626 galls.
TANK MATL. - MILD STEEL.
POWER BRAKE - AIR BRAKE.
HAND BRAKE - HAND LEVER
& PLATFORM SCREW.
TARE - 13 900 kg.

LOAD -

A	B	C
18.1 t		
S		

TANK WAGON - BRITISH B.R. - I.C.I. LTD. (MOND DIVISION)

TYPE - Ufhs.

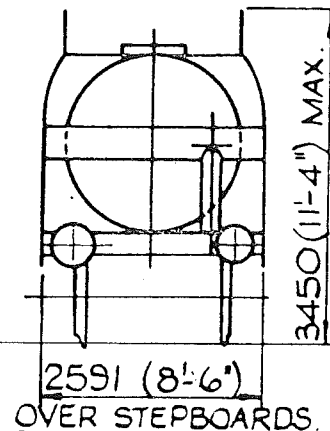
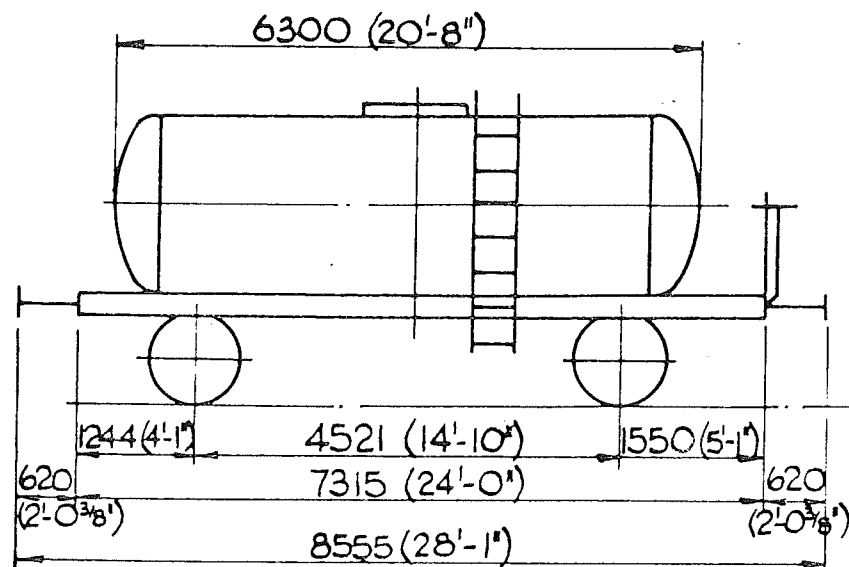
VEHICLE N^o. - 21 70 078 5 021 - 026

QTY. - 6

G.A. DRG. N^o. - RS. 334473 A.

TOPS CODE			
CARKND	AARKND	OPERATING	PANEL No.
T I Q	6 7 5 8		

	H	M	L	E
TONS	32	32	16	16
V.B.	UNFITTED			
A.B.	0	0	0	0
R.A.	3	3	1	1
SPR	60	60	60	60
EXCESS LENGTH	3.			



E. 461.
REV. 3

CAPACITY - 165 hl / 3626 galls.
TANK MATL. - MILD STEEL.
POWER BRAKE - AIR BRAKE.
HAND BRAKE - HAND LEVER
& PLATFORM SCREW.
TARE - 18400 kg (ESTIMATED)

LOAD -

	A	B	C
	13,6t	16,6t	
S	13,6t	16,6t	

TANK WAGON - BRITISH B.R. - I.C.I. LTD. (MOND DIVISION.)

TYPE - Ufhs.

VEHICLE N^o. - 21 70 078 5 021 - 026

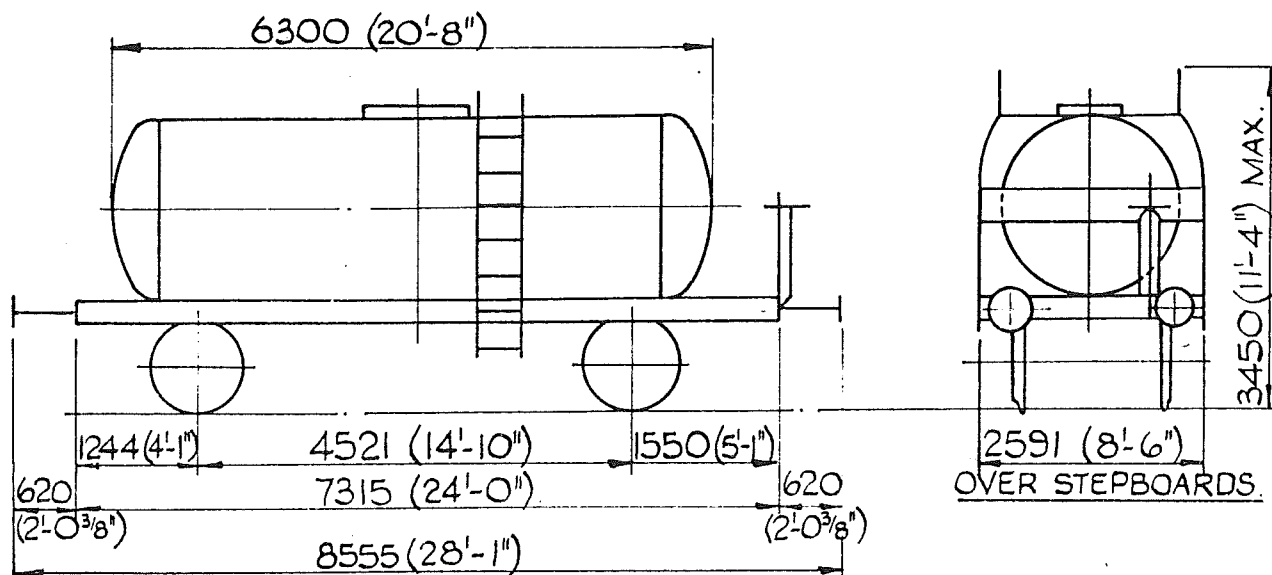
QTY. - 6

G.A. DRG. N^o. - RS. 334473 A.

TOPS CODE		
CARKND	AARKND	OPERATING
TI Q	TI QK	PANEL No.

	H	M	L	E
TONS	26	36	19	19
VB.	UNFITTED			
A.B.	15	18	10	10
R.A.	4	4	1	1
EXTRA LENGTH	60	60	60	60

E. 461.
REV 5.



CAPACITY - 165 hl / 3626 galls.
TANK MATL. - MILD STEEL.
POWER BRAKE - AIR BRAKE.
HAND BRAKE - HAND LEVER
& PLATFORM SCREW.
TARE - 18400 kg (ESTIMATED)

LOAD -

	A	B	C
	13,6t	16,6t	
S	13,6t	16,6t	

TANK WAGON - BRITISH B.R. - I.C.I. LTD. (MOND DIVISION)

TYPE. - Ufhs.

VEHICLE No. - 21 70 078 5 022, 024-026.

QTY. - 5.

G.A. DRG. No. - RS. 334473 A.

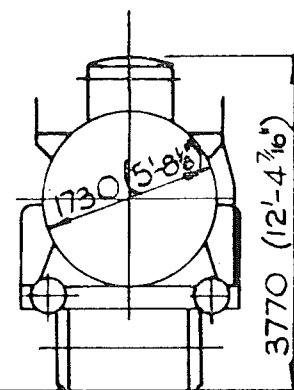
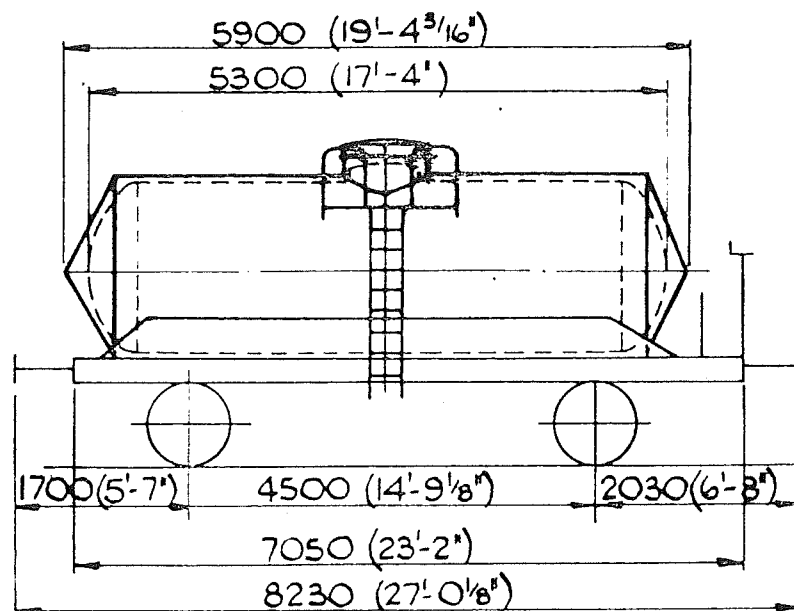
THIS CODE

CAN BE USED

T1 A T1 A A

	H	M	L	E
TONS	36	36	19	19
VB.	UNFIT	ED		
A.B.	18	18	10	10
R.A.	4	4	1	1
MAX. SPEED	60	60	60	60
EXCESS LENGTH			4	

E 462.
REV.



CAPACITY. - 125 hl / 2750 galls.
TANK MATL. - STEEL.
POWER BRAKE - AIR & VAC. THRO.
HAND BRAKE - PLATFORM SCREW
HAND SCREW OP. FROM GROUND.
TARE - 12500 kg.
LOAD -

A	B	C
19.5 t	21.5 t	

TANK WAGON - FRENCH - (PHOSPHOROUS)

TYPE - Uh.

VEHICLE No. - 21 87 070 4 768 - 772.

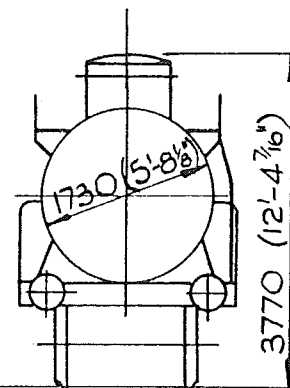
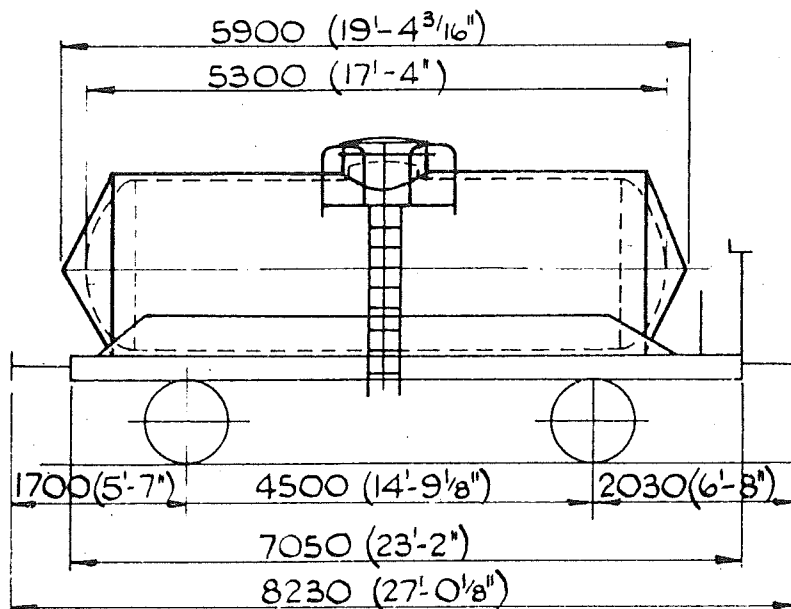
QTY. - 5.

DRG No. - Ers. Fernand ROLLAND 1283.

TOPS CODE	
CARKND	AARKND
1 C 6	7 F Z S

	H	M	L	E
TONS	34	26	19	13
V.B.	0	0	0	0
A.B.	17	17	7	7
R.A.	4	1	1	1
MAX. L	50	50	50	50
EXCESS LENGTH			3	

E 462.
REV. 1



CAPACITY. - 125 hl / 2750 galls.
TANK MAT^L. - STEEL.
POWER BRAKE. - AIR & VAC. THRO.
HAND BRAKE. - PLATFORM SCREW
HAND SCREW OP. FROM GROUND.
TARE. - 12500 kg.
LOAD. -

A	B	C
19.5 t	21.5 t	

TANK WAGON - FRENCH - (PHOSPHOROUS)

TYPE - Uh.

VEHICLE N^o. - 21 87 070 4 768 - 772.

QTY. - 5.

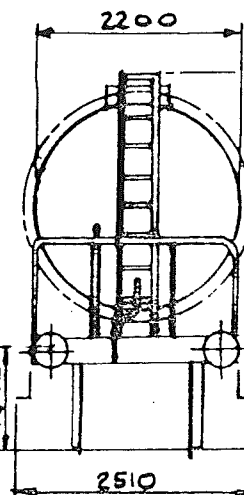
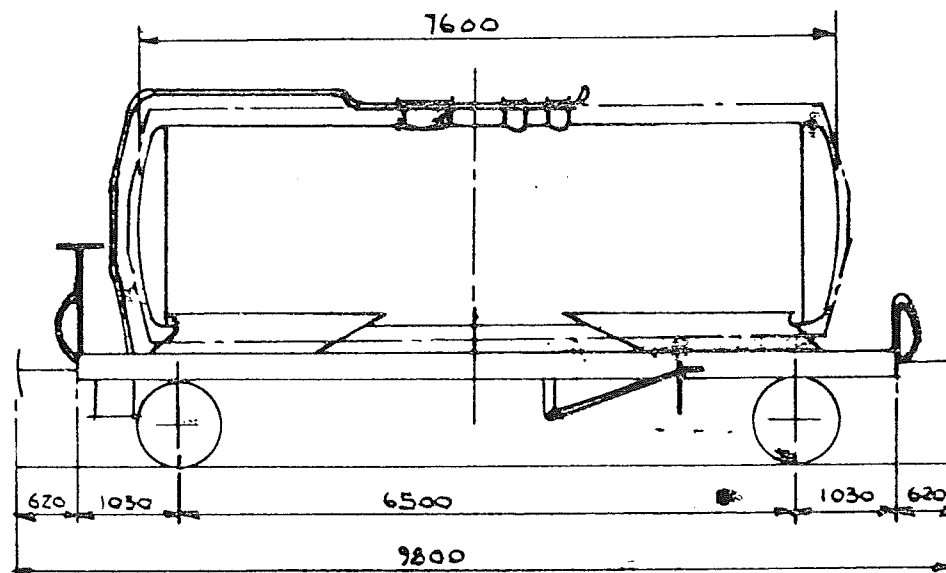
DRG. N^o. - Ers. Fernand ROLLAND 1283.

TOPS CODE
CARKND AARKND
1 C B 1 C B B

	H	M	L	E
TONS	34	26	19	13
V.B.	0	0	0	0
A.B.	17	17	7	7
R.A.	4	1	1	1
MAX. 5000	50	50	50	50
EXCESS LENGTH			3.	

E463

REV:-



CAPACITY-277hl/6100 galls
TANK MATL-STAINLESS STEEL
POWER BRAKE -
AIR BRAKE
VACUUM THRO PIPE
HANDBRAKE -
PLATFORM SCREW
HANDLEVER
TARE - 12000 Kg

LOAD -

	A	B	C
	20t	24t	28t
IS	20t	24t	28t

TANK WAGON - GERMAN DB - VTG.

TYPE - Ufhs

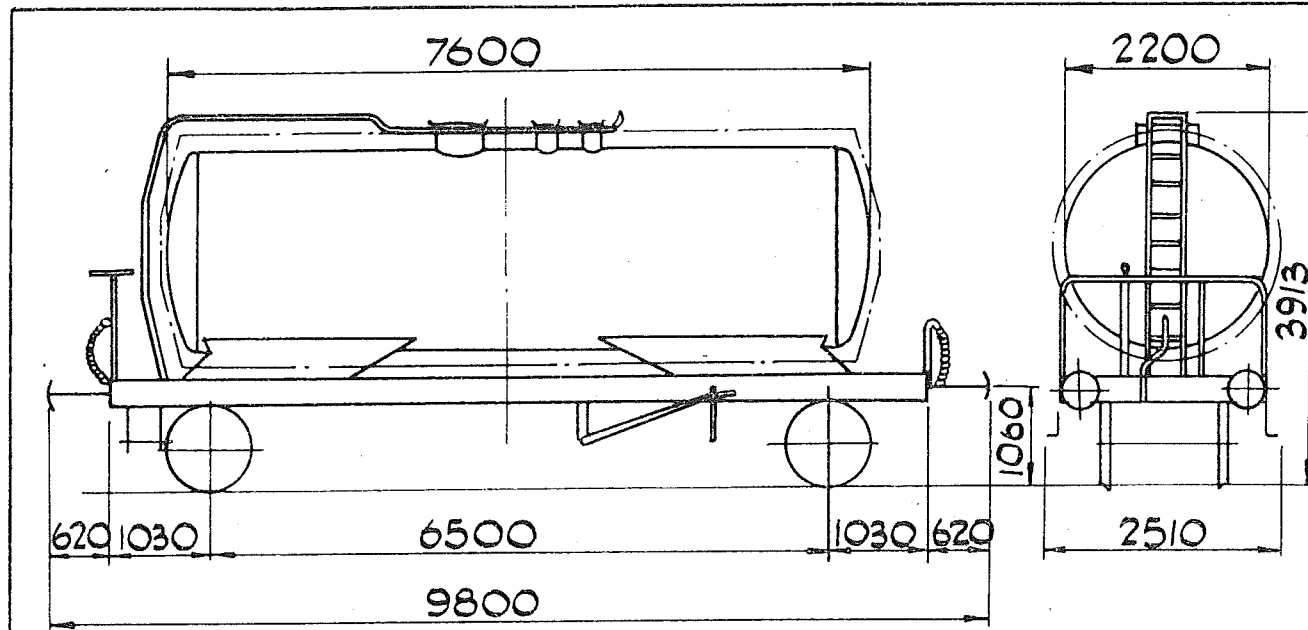
VEHICLE NOS - 2180 078 5 213 TO 222.

QTY - 10

GENERAL ARRANGEMENT - GRAAFF 421.01.00

TOPS CODE			
CARKND	AARKND	OPERATING	PANEL NO
1CB	7WIS		

	H	M	L	E
TONE	40	30	19	12
V.B.	0	0	0	0
A.B.	21	21	8	8
R.A.	6	2	1	1
MAX SPEED	62	62	62	62
EX. LENGTH	6			



E.463.
REV.1

CAPACITY - 277hl/6100galls.
TANK MATL. - STAINLESS STEEL
POWER BRAKE - AIR BRAKE,
VACUUM THRO' PIPE.
HANDBRAKE - PLATFORM SCREW
HANDLEVER.
TARE - 12 000 kg.
LOAD -

	A	B	C
	20t	24t	28t
S	20t	24t	28t

TANK WAGON - GERMAN DB - VTG.

TYPE - Ufhs.

VEHICLE NOS. - 21 80 078 5 213 TO 222.

QTY. - 10.

G.A. DRG. N^o. - GRAAFF 421.-01.-00.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No
ICB	ICBC	

	H	M	L	E
TONS	40	30	19	12
V.B.	0	0	0	0
A.B.	21	21	8	8
R.A.	6	2	1	1
M.SPEED	62	62	62	62
Ex. LENGTH	0			

E 464

REV. 3

FLOOR AREA - 26.5 m² (285 ft²)

FLOOR - WOOD

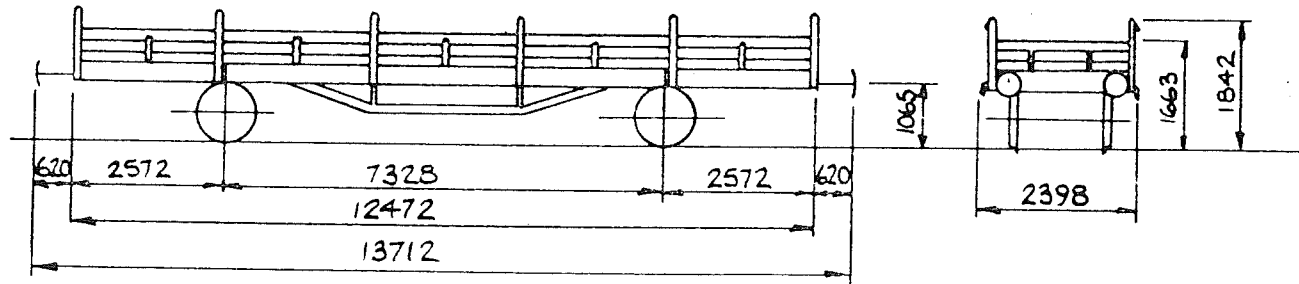
POWER BRAKE - AIR BRAKE

- VACUUM THRO PIPE

HANDBRAKE - HAND LEVER

- HAND SCREW

TARE - 13670 Kg



LOW SIDED FLAT WAGON - BELGIAN - SNCB

TYPE :- Lfs

VEHICLE N^{os} 21 88 414 0 200 - 299

QTY-100

LOAD -

	A	B	C
18t	18t	22t	25
5	18t	22	

TOPS CODE			
CARCNO	AARKNO	OPERATING PANEL N ^o	
1	F	B	

	H	M	L	E
TONS	33	30	20	14
V.B.	0	0	0	0
AB	19	19	7	7
R.A.	6	5	1	1
W.E.O.	50	62	62	62
EXCESS LENGTH	12			

E464

REV 4.

FLOOR AREA - 26,5 m² (285 ft²)

FLOOR - WOOD

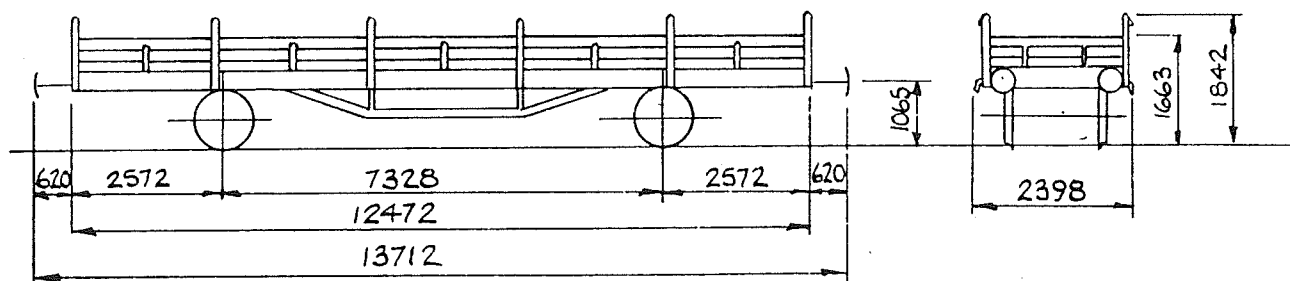
POWER BRAKE - AIR BRAKE

- VACUUM THRO PIPE

HANDBRAKE - HAND LEVER

- HAND SCREW

TARE - 13670 Kg



LOW SIDED FLAT WAGON - BELGIAN - SNCB

TYPE :- Lfs

VEHICLE N^{os} 21 88 414 0 200 - 299

QTY - 100

LOAD -

	A	B	C
	18t	22t	25
5	18t	22	

TOPS CODE					
CARCND		AARKND		OPERATING PANEL N ^o	
1	F	B		1	F
			B		

	H	M	L	E
TONS	32	36	20	14
V.B.	0	0	0	0
AB.	19	19	7	7
R.A.	6	5	1	1
SPEED	50	62	62	62
EXCESS LENGTH	12			

E467

REV

CAPACITY - 900 HL (19800 galls)

TANK MAT'L - STEEL

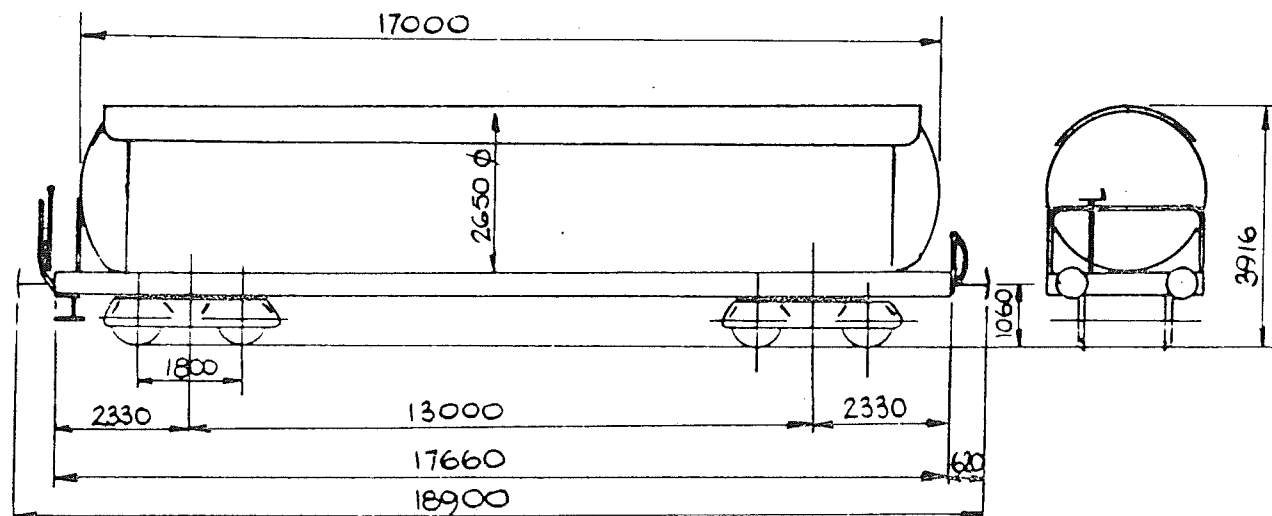
POWER BRAKE - AIR BRAKE

VACUUM THROUGH PIPE

HANDBRAKE - PLATFORM SCREW

HAND SCREW

TARE - 30100 Kg



BOGIE TANK WAGON - GERMAN - DB - VTG LTD

TYPE - Uafhs

VEHICLE No 21 80 079 8 000 - C10

QTY - 11

GENERAL ARRANGEMENT - WAGGON UNION O-335.01.0034

LOAD

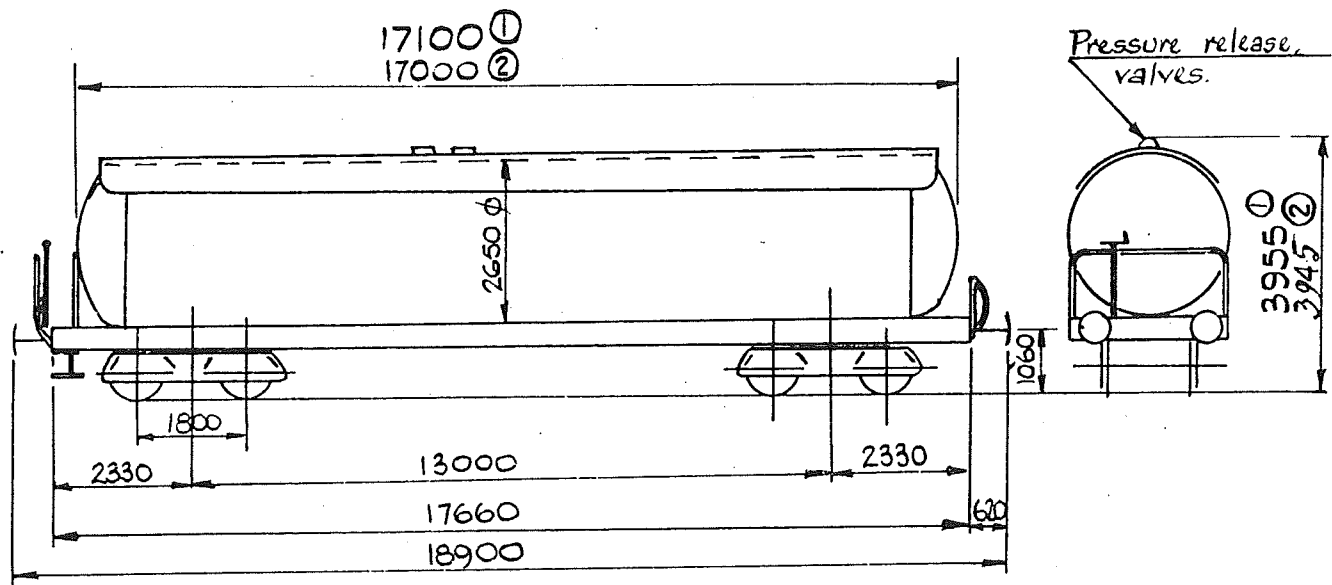
	A	B	C
	33,9t	41,9t	49,9t
S	33,9t	41,9t	49,9t

TOPS CODE		
CARKND	AARKND	OPERATING PANEL NR
1CB	1CBD	

	H	M	L	E
TONS	80	62	43	31
Y.B	0	0	0	0
A.B	43	43	22	22
R.A	6	3	1	1
MAX	62	62	62	62
GRAND				C

E467

REV 4



CAPACITY - 900 hL (19800 galls)

TANK MAT'L - STEEL

POWER BRAKE - AIR BRAKE

VACUUM THROUGH PIPE

HANDBRAKE - PLATFORM SCREW

HAND SCREW

TARE - 30200 kg ①

30100 kg ②

LOAD

	A	B	C
①	33,8t	41,8t	49,8t
S	33,8t	41,8t	49,8t

	A	B	C
②	33,9t	41,9t	49,9t
S	33,9t	41,9t	49,9t

BOGIE TANK WAGON - GERMAN - DB - VTG L^{TP}

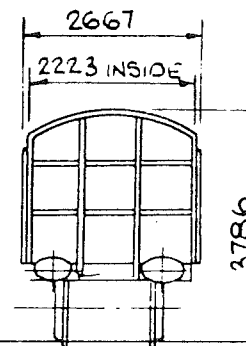
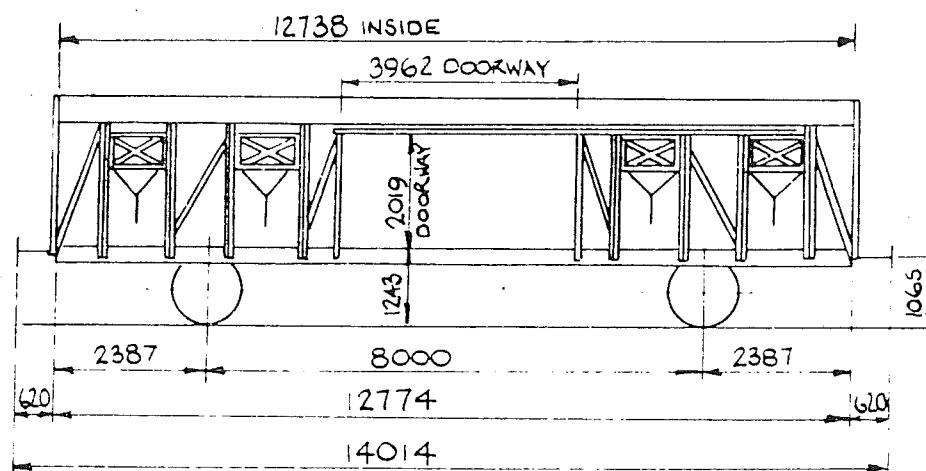
TYPE - Uafhs 33 80 7 892 016-035 } ①
 VEHICLE Nos 33 80 7 895 013-022 }
 33 80 7 892 000-015 } ②
 33 80 7 895 000-009 }

QTY - 56

GENERAL ARRANGEMENT - WAGGON UNION O-335.01.0034.

TOPS CODE		
CARKND	AARKND	OPERATING PANEL NR
1CB	1CB	D

	H	M	L	E
TONS	80	62	43	31
Y.B.	0	0	0	0
A.B.	43	43	22	22
R.A.	6	3	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH				10



E468

REV 2

FLOOR AREA - 306 ft² (28.4 m²)

CUBIC CAPACITY - 2330 ft³ / 66 m³

FLOOR - WOOD

POWER BRAKE - AIR BRAKE

VACUUM BRAKE

HANDBRAKE - SIDE LEVER

TARE - 14855 Kg

FERRY VAN - BRITISH RAILWAYS - BR

TYPE - Hfs

VEHICLE NUMBERS - SEE PAGE 2.

QTY - 132

GENERAL ARRANGEMENT - DN 3100 2

LOAD -

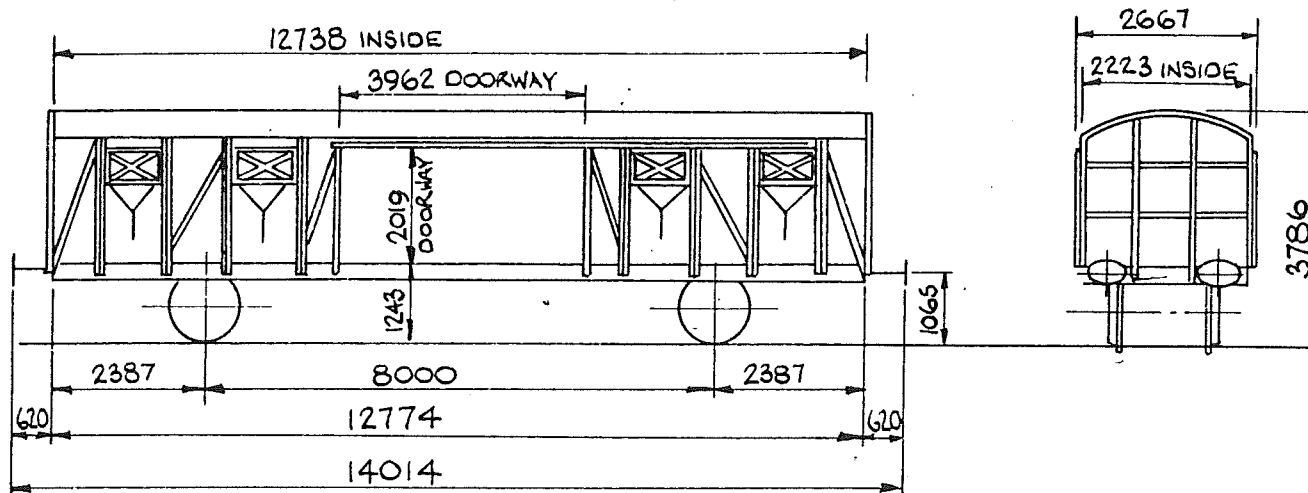
	A	B	C
	17t	21t	25t
S	17t	21t	25t

TOPS CODE		
CARKNO	AARKNO	OPERATING PANEL NO
VIX	VIXG	

	H	M	L	E
TONS	37	31	21	15
VB.	10	10	10	10
A.B.	20	20	10	10
R.A.	6	4	1	1
MAX SPEED	60	60	60	60
EXCESS LENGTH	12			

E468

REV 6

FLOOR AREA - 306 ft² (28.4 m²)CUBIC CAPACITY - 2330 ft³ / 66 m³

FLOOR - WOOD

POWER BRAKE - AIR BRAKE

VACUUM BRAKE

HANDBRAKE - SIDE LEVER

TARE - 14855 Kg

FERRY VAN - BRITISH RAILWAYS - BR

TYPE - Hfs

VEHICLE NUMBERS - SEE PAGE 2.

QTY - 211.

GENERAL ARRANGEMENT - DN 31002

LOAD -

	A	B	C
	17t	21t	25t
S	17t	21t	25t

TOPS CODE		
CARKND	AARKND	OPERATING PANEL NO
VIX	VIXG	

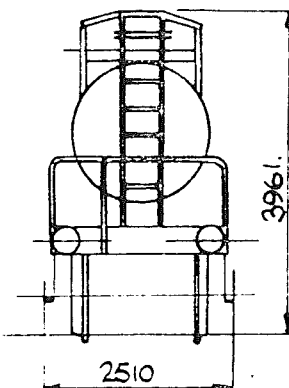
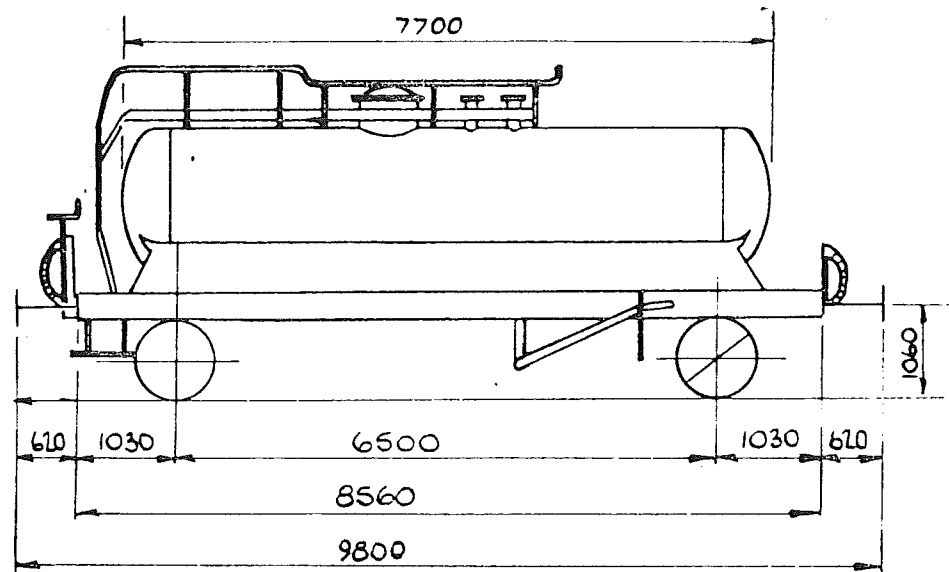
	H	M	L	E
TONS	40	31	21	15
VB.	10	10	10	10
A.B.	20	20	10	10
R.A.	6	4	1	1
MAX SPEED	60	60	60	60
EXCESS LENGTH			12	

21 702140159	21 702140221	21 702140341	21 702140385	21 702140438	21 702140250	21 702140336
21 702140161	21 702140224	21 702140344	21 702140386	190	251	340
21 702140175	21 702140286	21 702140345	21 702140387	192	257	347
21 702140187	21 702140289	21 702140347	21 702140388	194	259	348
21 702140189	21 702140304	21 702140349	21 702140391	198	264	346
21 702140205	21 702140305	21 702140351	21 702140390	200	265	344
21 702140208	21 702140308	21 702140359	21 702140392	201	268	
21 702140219	21 702140311	21 702140355	21 702140395	203	272	
21 702140220	21 702140312	21 702140357	21 702140397	206	273	
21 702140225	21 702140314	21 702140358	21 702140398	207	275	
21 702140230	21 702140316	21 702140361	21 702140399	209	278	
21 702140234	21 702140317	21 702140364	193	210	282	
21 702140236	21 702140319	21 702140365	154	212	288	
21 702140246	21 702140320	21 702140368	142	213	297	
21 702140252	21 702140321	21 702140370	171	215	303	
21 702140253	21 702140323	21 702140373	172	225	307	
21 702140254	21 702140322	21 702140377	173	227	318	
21 702140258	21 702140327	21 702140378	176	231	330	
21 702140261	21 702140328	21 702140379	177	232	331	
21 702140262	21 702140334	21 702140380	184	238	333	
21 702140276	21 702140340	21 702140384	186	241	335	

E 468 p2
Rev 1

E.468^{ST.2.}
REV. 6.

21 70 214 O 150-155, 157-162, 165, 167-178, 180-188, 190-194, 196-210, 212-222,
224-228, 230-234, 236, 238-243, 245, 246, 248-258, 262-266,
268-279, 281, 282, 284-295, 297, 299, 303-309, 311-314, 316-319,
321, 322, 327-337, 339-353, 355-362, 364, 365, 367, 368, 370, 372-381,
383-388, 390-399.



E469

REV-

CAPACITY - 200HL / 4400 gals.

TANK MATERIAL - ALUMINIUM

POWER BRAKE - AIR BRAKE

VACUUM THRO PIPE

HANDBRAKE - PLATFORM SCREW

HAND LEVER

TARE - 11500 Kg

TANK WAGON - GERMAN - DB - VTG LTD.

TYPE - UFhs

VEHICLE NUMBERS - 21 80 078 5 223 to 227

QTY - 5

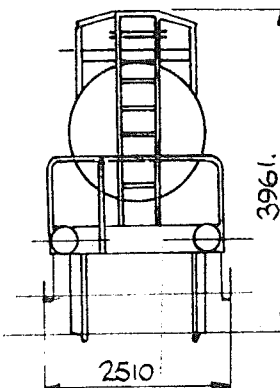
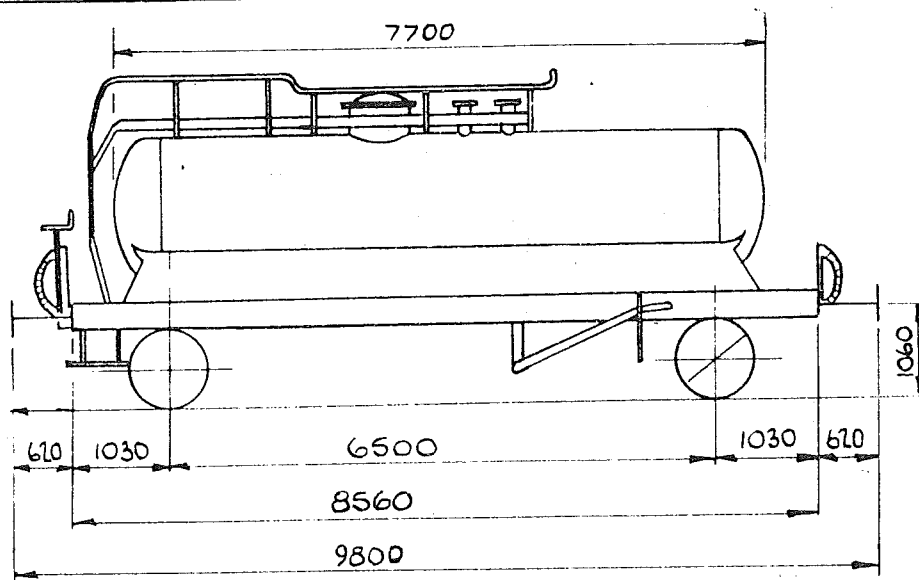
LOAD -

	A	B	C
	20,5t	24,5t	28,5t
S	20,5t	24,5t	28,5t

GENERAL ARRANGEMENT - GRAAFF K426.01.00.

TOPS CODE				
CARKND	AARKND	OPERATING PANEL NO		
1	2	3	4	5

	H	M	L	E
TONS	40	30	19	12
V.B.	0	0	0	0
A.B.	21	21	8	8
R.A.	6	2	1	1
MAX. WGT.	62	62	62	62
EXCESS LENGTH.	6			



E469
REV-1

CAPACITY - 200hl / 4400 galb.

TANK MATERIAL - ALUMINIUM

POWER BRAKE - AIR BRAKE

VACUUM THRO PIPE

HANDBRAKE - PLATFORM SCREW

HAND LEVER

TARE - 11500 Kg

TANK WAGON - GERMAN - DB - VTG LTD

TYPE - UFs

VEHICLE NUMBERS - 21 80 078 5 223 to 227

QTY - 5

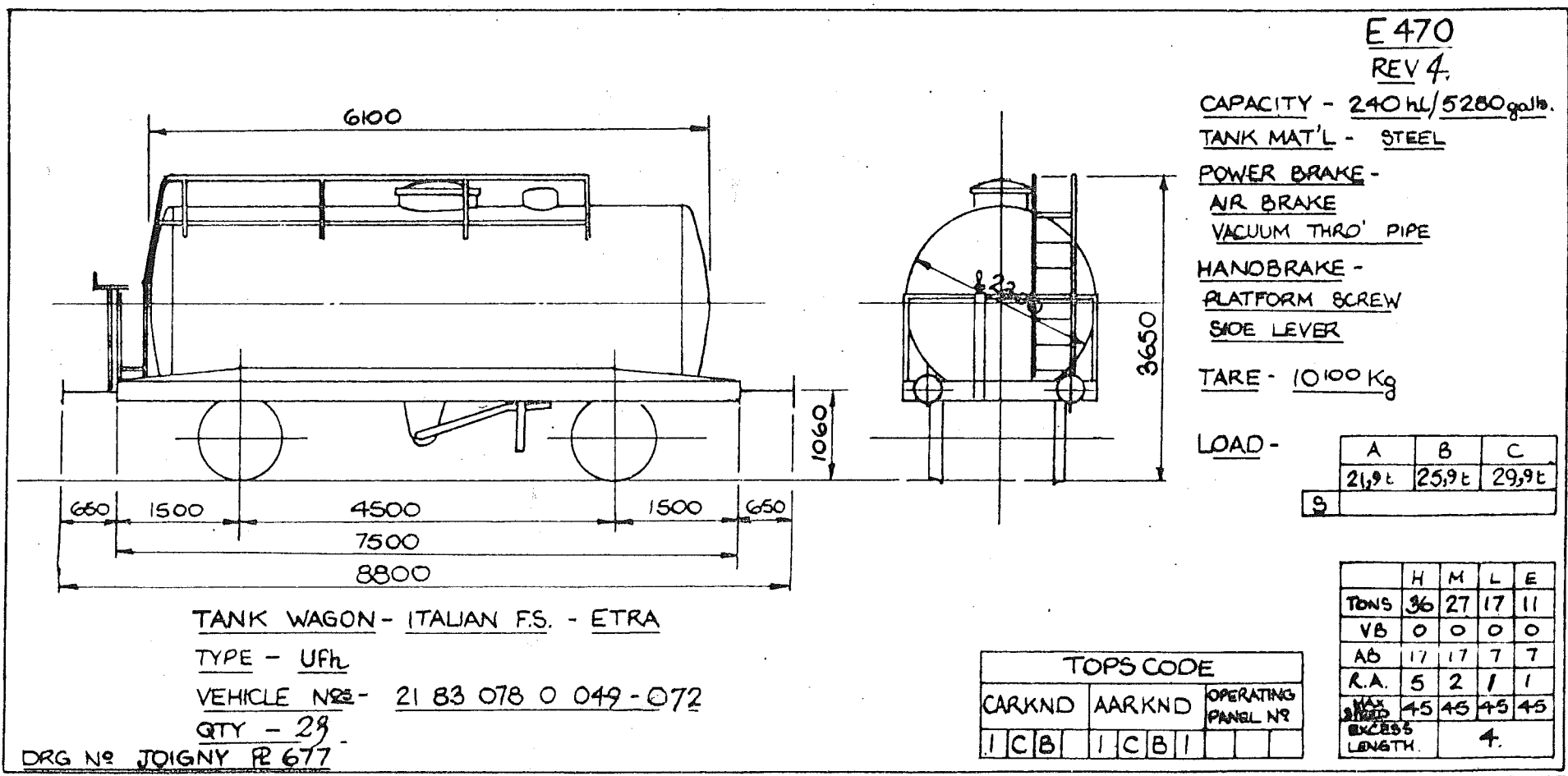
LOAD -

	A	B	C
	20,5t	24,5t	28,5t
S	20,5t	24,5t	28,5t

GENERAL ARRANGEMENT - GRAAFF K426.01.00.

TOPS CODE		
CARKND	AARKND	OPERATING PANEL NO
11CB	11CB	B

	H	M	L	E
TONS	40	30	19	12
V.B.	0	0	0	0
A.B.	21	21	8	8
R.A.	6	2	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH.	6			



E 470

REV.5

CAPACITY - 240 hl/5280 galls.

TANK MAT'L - STEEL

POWER BRAKE -

AIR BRAKE

VACUUM THRO' PIPE

HANDBRAKE -

PLATFORM SCREW

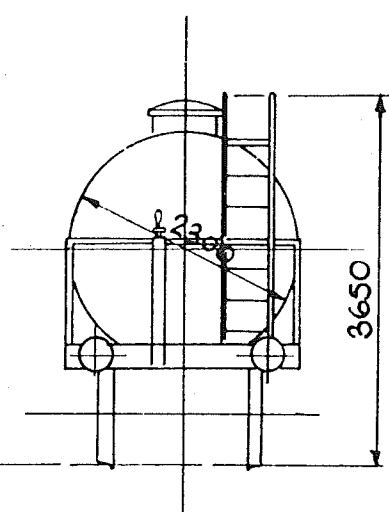
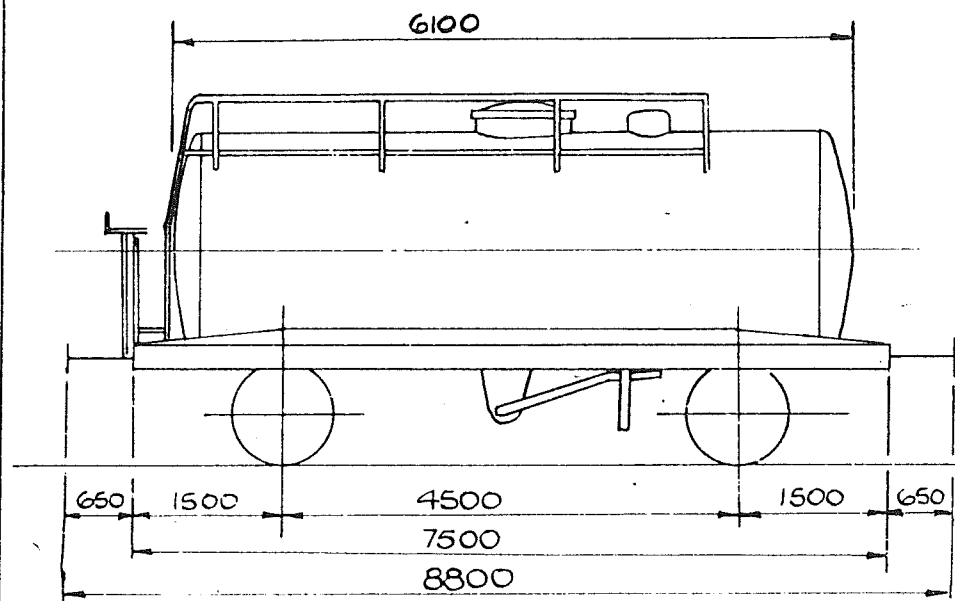
SIDE LEVER

TARE - 10100 Kg

LOAD -

	A	B	C
S	21,9t	25,9t	29,9t

	H	M	L	E
TONS	40	27	17	11
VB	0	0	0	0
AB	17	17	7	7
R.A.	5	2	1	1
MAX SPEED	45	45	45	45
EXCESS LENGTH.			4.	



TANK WAGON - ITALIAN F.S. - ETRA

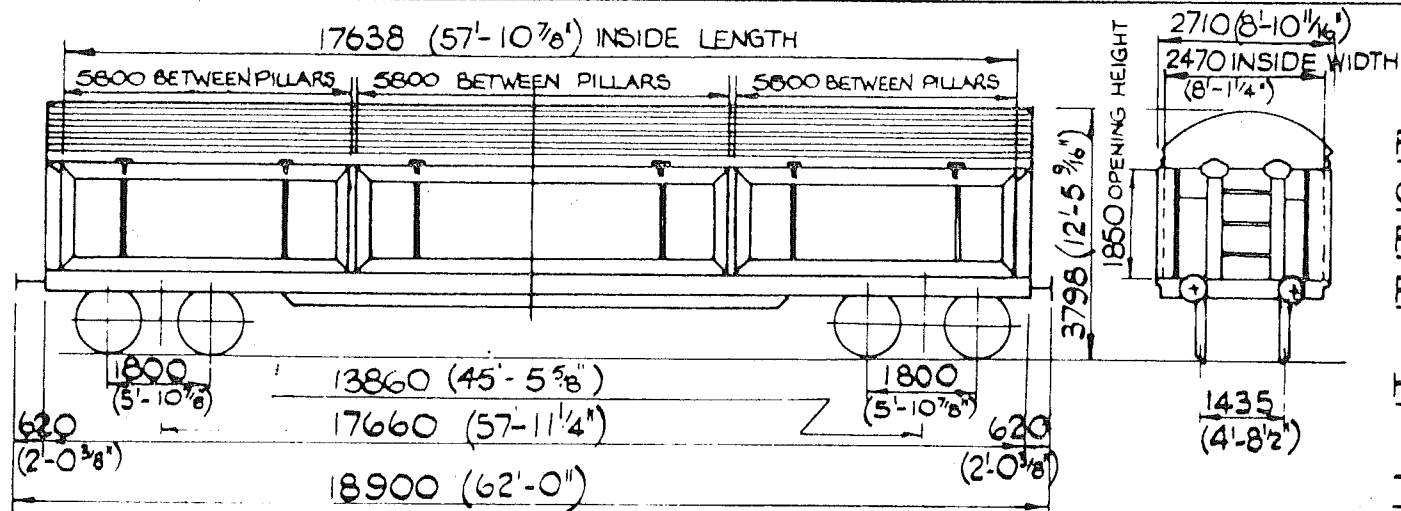
TYPE - Ufh

VEHICLE N° - 21 83 078 0 049 - 072.

QTY - 23

DRG N° JOIGNY R 677

TOPS CODE		
CARKND	AARKND	OPERATING PANEL N°
ICB	ICBI	



E. 471.
REV. 2.

FLOOR AREA - 43.5 m²
CU. CAPACITY - 90m³ APPROX.
FLOOR - WOOD
POWER BRAKE - AIR BRAKE
VACUUM THRO PIPE
HAND BRAKE -
SCREW
TARE - 26000 kg.
LOAD -

	A	B	C
	38t	46t	54t
S	38t	46t	54t

BOGIE VAN - GERMAN - V.T.G.

TYPE - Habfis

VEHICLE NOS - 21 80 029 9 000 - 199

QTY - 200.

MINIMUM CURVE RADIUS { 21 80 029 9 000 - 009, R = 60M.
21 80 029 9 010 - 199, R = 35M.

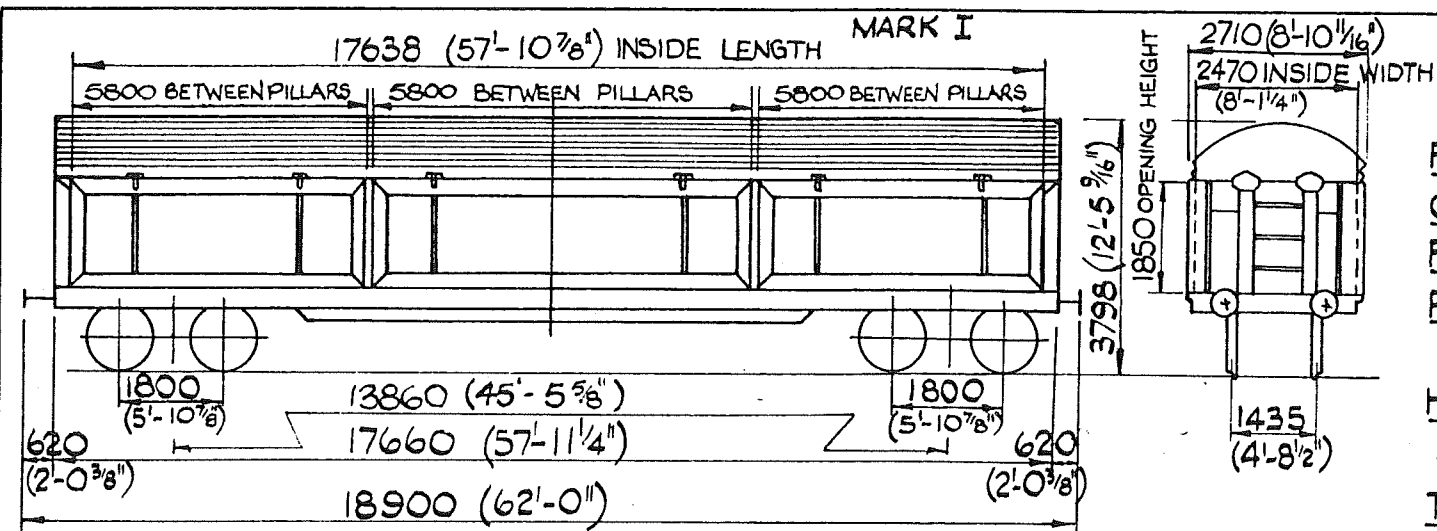
DIAGRAM N° - 8 13535. O.II.

TOPS CODE

CARKND AARKND

IPB IPBW

	H	M	L	E
TONS	80	60	40	26
V.B.	0	0	0	0
A.B.	43	43	19	19
R.A.	6	3	1	1
MAY SPEED	62	62	62	62
EXCESS LENGTH	10			



E. 471.
REV. 5.

FLOOR AREA.- 43.5 m².
CU. CAPACITY.- 90m³ APPROX.
FLOOR.- WOOD
POWER BRAKE.- AIR BRAKE
VACUUM THRO' PIPE
HAND BRAKE.-
SCREW
TARE.- 26⁰⁰⁰ kg.
LOAD.-

	A	B	C
	38t	46t	54t
S	38t	46t	54t

BOGIE VAN - GERMAN - V.T.G. MARK I.

TYPE.- Habfs

VEHICLE NOS.- 21 80 029 9 001-139

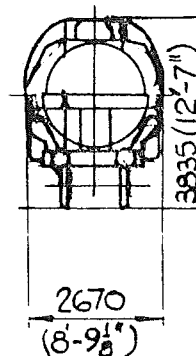
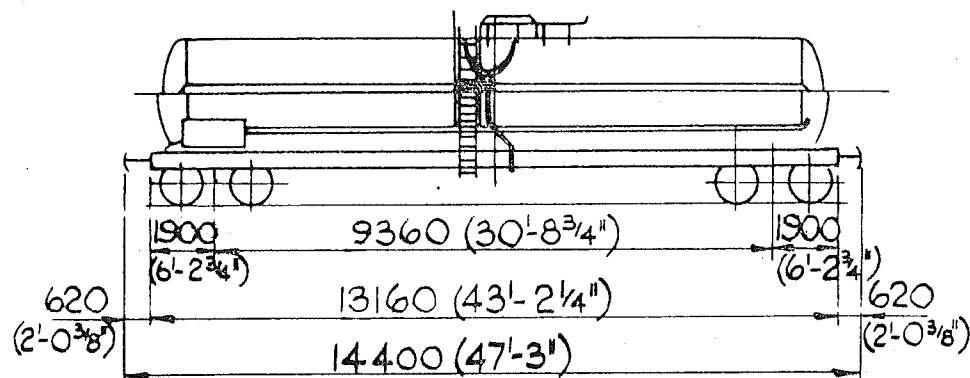
QTY.-139

MINIMUM CURVE RADIUS { 21 80 029 9 000 -009, R = 60M.
21 80 029 9 010 -199, R = 35M.

DIAGRAM No - 8 13535.0.II.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL NO.
1 P B	1 P B B	

	H	M	L	E
TONS.	80	60	40	26
V.B.	0	0	0	0
A.B.	43	43	19	19
R.A.	6	3	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH	10			



E. 472.

REV. I.

CAPACITY. - 343 hl / 7548 galls.

TANK MATL. - MILD STEEL.

POWER BRAKE. - AIR BRAKE

VACUUM THRO' PIPE

HANDBRAKE. - PLATFORM SCREW
SIDE SCREW

TARE. - 24 600 kg.

LOAD. -

	A	B	C
	39.4t	47.4t	55.4t
S	39.4t	47.4t	55.4t

BOGIE TANK WAGON - GERMAN. V.T.G.

TYPE. - Uafhs

VEHICLE N^{OS}. - 21 80 079 8 050-9.

QTY. - 3

051-7.

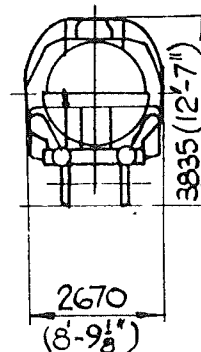
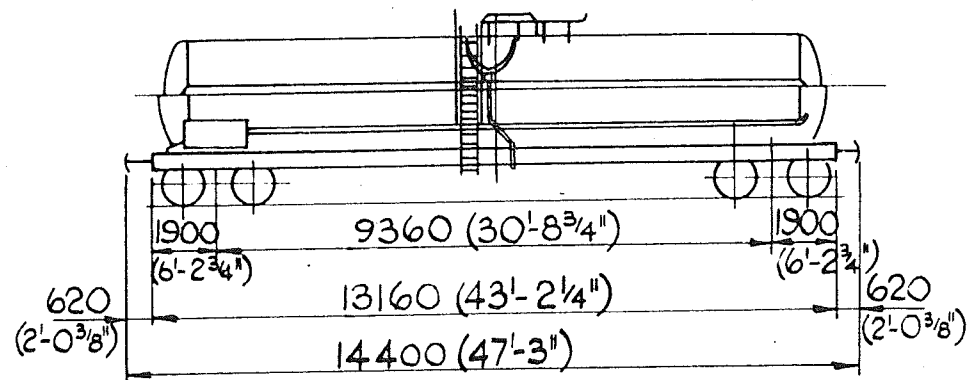
052-5.

G.A. DRG. - 0.52287.0.01. LINKE - HOFMANN - BUSCH.

TOPS CODE

CARKND	AARKND	OPERATING
1 C B	1 C B W	PANEL No.

	H	M	L	E
TONS.	80	60	39	25
V.B.	0	0	0	0
A.B.	43	43	17	17
R.A.	6	3	1	1
MAX. SPEED.	62	62	62	62
EXCESS LENGTH.	3.			



E.472.
REV.2

CAPACITY.-343hl/7548 galls.
TANK MATL.- MILD STEEL.
POWER BRAKE.-AIR BRAKE
VACUUM THRO' PIPE
HANDBRAKE.- PLATFORM SCREW
TARE.- 24 600 kg.
LOAD.-

	A	B	C
	39.4t	47.4t	55.4t
IS	39.4t	47.4t	55.4t

BOGIE TANK WAGON-GERMAN. V.T.G.

TYPE.- Uafhs

VEHICLE N^{OS}.- 21 80 079 8 050-9.

QTY.-3

051-7.

052-5.

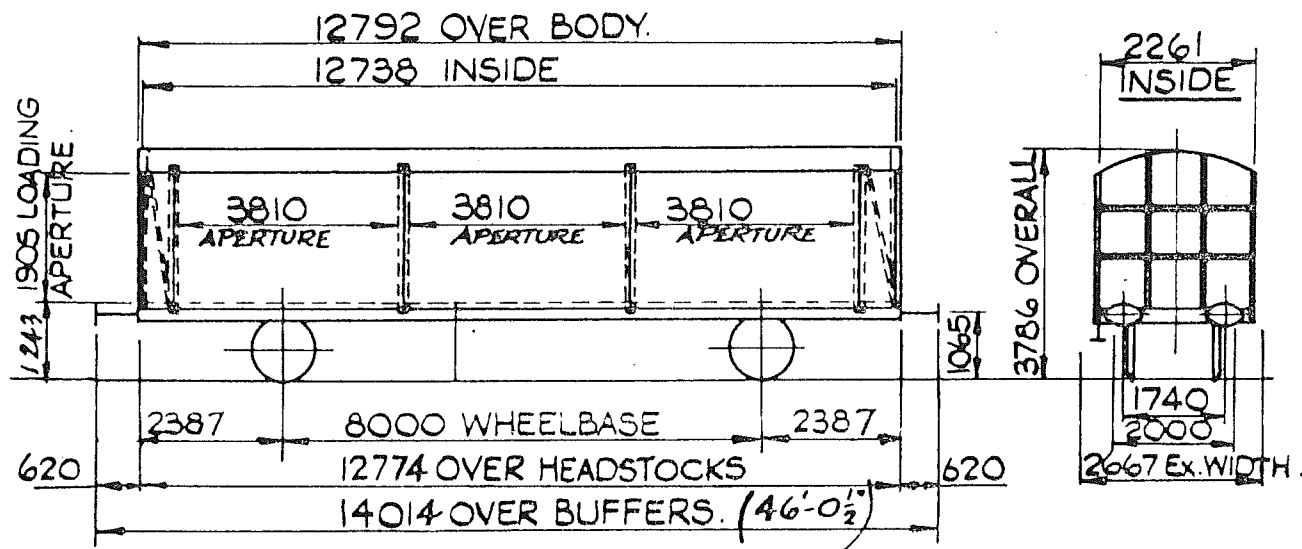
G.A.DRG. - 0.52287.0.01. LINKE - HOFMANN.-BUSCH.

TOPS CODE

CARKND AARKND

ICB ICB D

	H	M	L	E
TONS.	80	60	39	25
V.B.	0	0	0	0
A.B.	43	43	17	17
R.A.	6	3	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	3.			



E.473.

REV.

CAPACITY.-2330ft³/66m³.

FLOOR AREA.-306ft²/28.4m².

FLOOR.-WOOD.

POWER BRAKE - AIR BRAKE.

VACUUM BRAKE.

HANDBRAKE - SIDE LEVER.

TARE - 14 650 Kg.

LOAD -

	A	B	C
	17t	21t	25t
S	17t	21t	25t

FERRY VAN.-(B.R.)BRITISH RAILWAYS.

TYPE - Hfis.

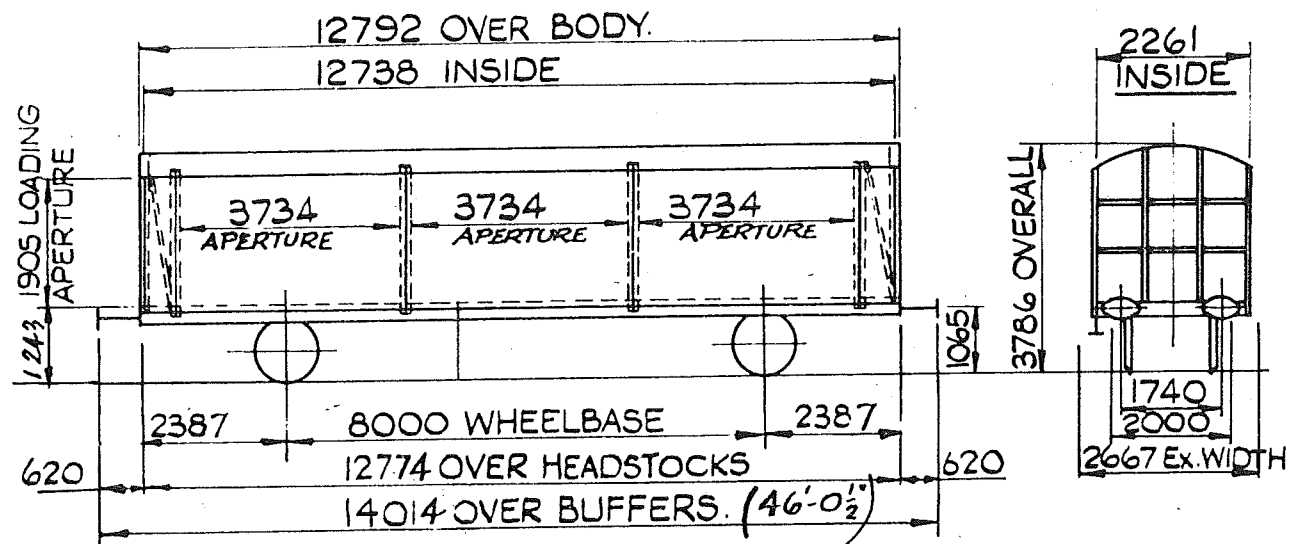
VEHICLE NOS. 21 70 219 6 000 - 027

QTY.-28.

G.A. DRG. N^o - F-S-15349.

TOPS CODE			OPERATING
CARKND	AARKND		PANEL No.
V I X	V I X C		

	H	M	L	E
TONNES	37	31	21	15
V.B.	10	10	10	10
A.B.	20	20	10	10
R.A.	6	4	1	1
W.B.	60	60	60	60
W.B.	12			



E.473.

REV.1.

CAPACITY - 2330 ft³ / 66 m³.
 FLOOR AREA - 306 ft² / 28.4 m².
 FLOOR - WOOD.
 POWER BRAKE - AIR BRAKE.
 VACUUM BRAKE.
 HANDBRAKE - SIDE LEVER.
 TARE - 14 650 Kg.
 LOAD -

	A	B	C
	17t	21t	25t
S	17t	21t	25t

FERRY VAN. - (B.R.) BRITISH RAILWAYS.

TYPE - Hf15.

VEHICLE N^{os} 21 70 219 6 000 - 027

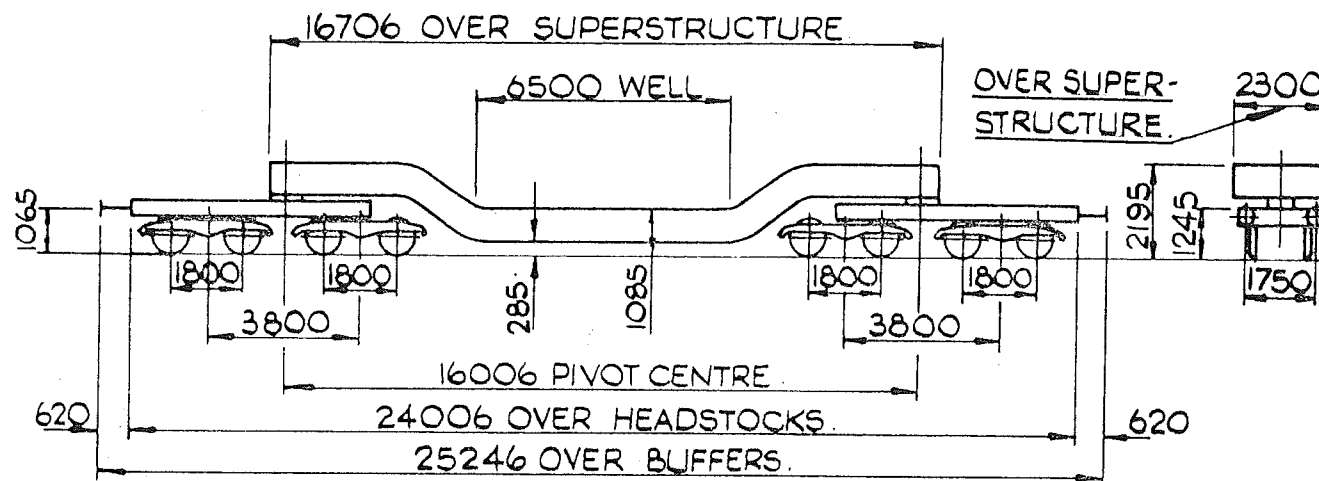
QTY - 28.

G.A. DRG. N^o - F-S-15349.

TOPS CODE

CARKND AARKND OPERATING
 PANEL No.
 VIIXVIIXC

	H	M	L	E
TONNES	40	31	21	15
V.B.	10	10	10	10
A.B.	20	20	10	10
R.A.	6	4	1	1
MAX SPEED	60	60	60	60
LENGTH			12	



E.474
REV.

FLOOR AREA -
CU. CAP. -
FLOOR - FLASK TRANSPORT
FRAME.
POWER BRAKE -
AIR BLOCK BRAKE.
HANDBRAKE -
HAND SCREW.
TARE - 58 000 kg.
LOAD -

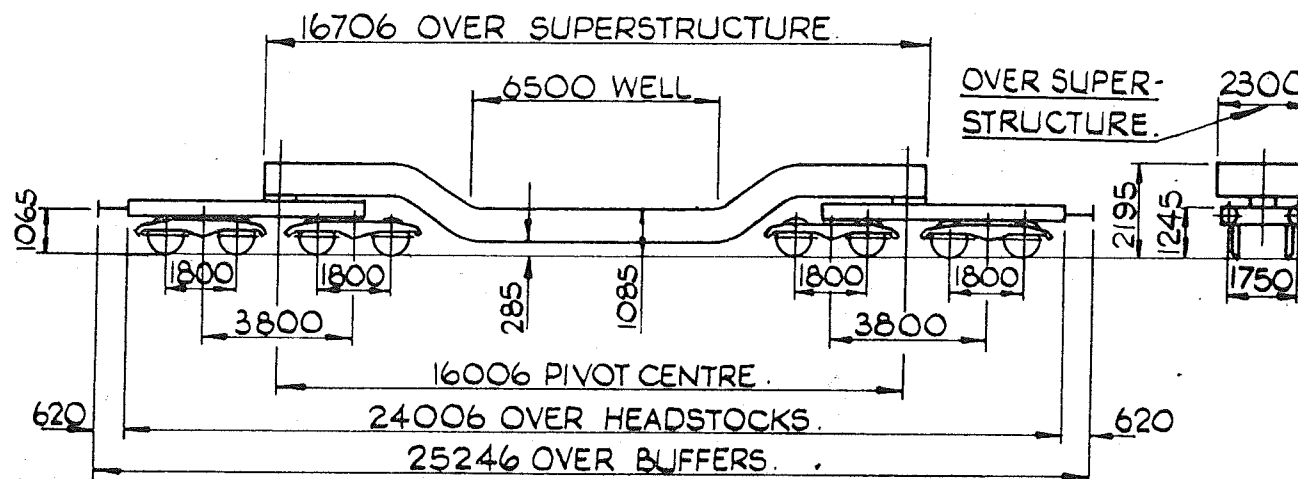
ATOMIC FLASK CARRYING WAGON. REGISTERING ADMIN.-B.R.
OWNERS - BRITISH NUCLEAR FUELS LTD.
TYPE - Uaafi
VEHICLE NOS - 21 70 099 8 000 TO 005.
QTY. - 6.

	A	B	C
63t	86t	102t	
63t	86t	102t	
63t	86t		

	H	M	L	E
TONNES	160	122	84	56
V.B.	UNFITTED			
A.B.	113	77	47	35
R.A.	6	4		
MAX. SPEED	73	73	75	75
LENGTH	20			

G.A. DRG. N° - ONF. 39574.

TOPS CODE	
CARKND	AARKND
OPERATING	PANEL NO.
PIA	PIA
PIA	PIA



E.474
REV.1.

FLOOR AREA -
CU. CAP. -
FLOOR - FLASK TRANSPORT
FRAME.
POWER BRAKE -
AIR BLOCK BRAKE.
HANDBRAKE -
HAND SCREW.
TARE - 58 000 kg.
LOAD -

ATOMIC FLASK CARRYING WAGON. REGISTERING ADMIN.-B.R.
OWNERS - BRITISH NUCLEAR FUELS LTD.
TYPE - Uaafi
VEHICLE NOS - 21 70 099 8 000 TO 005.
QTY. - 6.

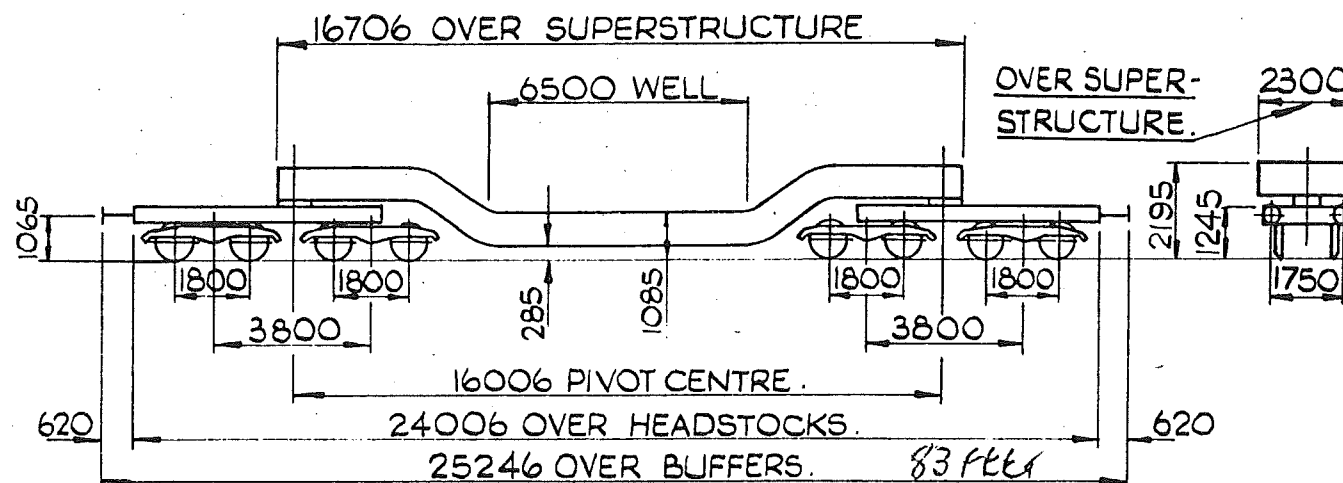
	A	B	C
	63t	86t	101t
S	63t	86t	101t
SS	63t	86t	

	H	M	L	E
TONNES	160	122	84	58
V.B.	UNFITTED			
A.B.	113	77	47	35
R.A.	6	4		
MAX SPEED	75	75	75	75
EXCESS LENGTH	20			

G.A. DRG. N° - ONF. 39574.

TOPS CODE		
CARKND	AARKND	OPERATING
		PANEL No.
P	I	A
P	I	A
P	I	A

E.474
REV 3.



FLOOR AREA -
CU. CAP. -
FLOOR - FLASK TRANSPORT
FRAME.
POWER BRAKE -
AIR BLOCK BRAKE.
HANDBRAKE -
HAND SCREW.
TARE - 58 000 Kg.
LOAD -

ATOMIC FLASK CARRYING WAGON. REGISTERING ADMIN.-B.R.

OWNERS - BRITISH NUCLEAR FUELS LTD.

TYPE - Uaafi

VEHICLE NOS - 21 70 099 8 000 TO 005.

QTY. - 6.

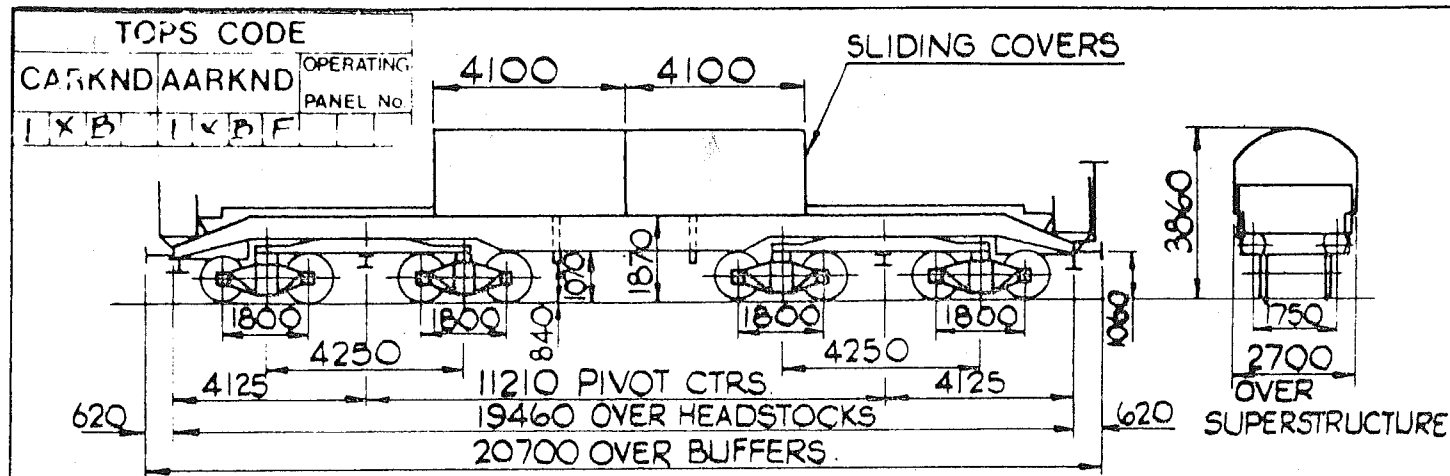
MIN. CURVE.
40M - CLOSE COUPLED.
20M - PROPELLED SINGLY.

G.A. DRG. N^o - ONF. 39574.

	A	B	C
	63t	86t	101t
15	63t	86t	101t
SS	63t	86t	

	H	M	L	E
TONNES	160	122	84	58
V.B.	UNFITTED			
A.B.	113	77	47	35
R.A.	9	5	1	1
SPACED	75	75	75	75
EXCESS LENGTH		20.		

TOPS CODE	
CARKND	AARKND
OPERATING	PANEL NO
PI	PIAIF



E.475
REV. 1

POWER BRAKE:-
AIR & VACUUM THRO' PIPE
HAND BRAKE:-
SCREW & PLATFORM SCREW
TARE- 47 440 kg.
LOAD

	A	B1	B2	C2	C3	C4
	52.8	57.0	81.5	85.9	97.5	
3	52.8	57.0	81.5	85.9	97.5	

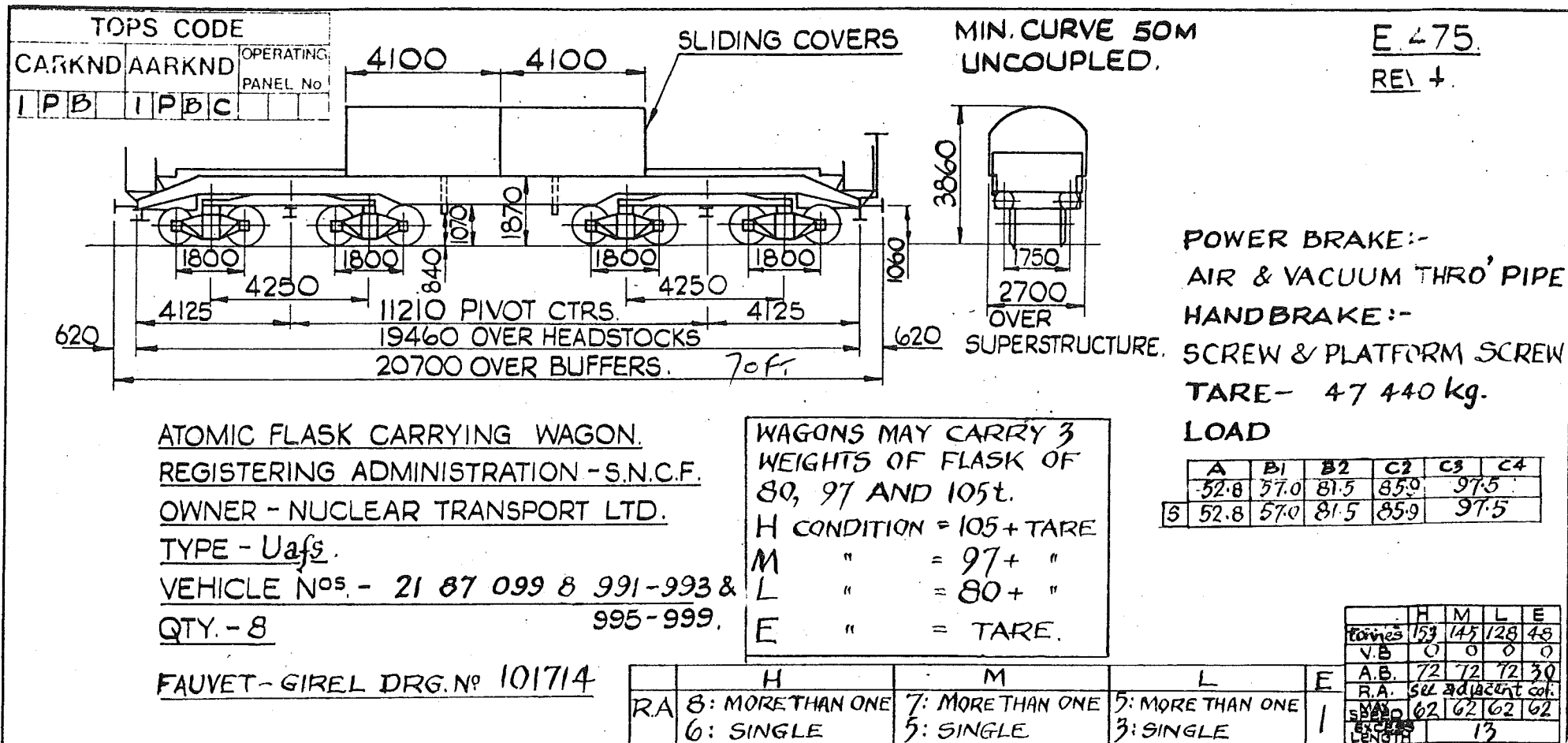
ATOMIC FLASK CARRYING WAGON.
REGISTERING ADMINISTRATION - S.N.C.F.
OWNER - NUCLEAR TRANSPORT LTD.
TYPE - Uafs
VEHICLE NOS. - 21 87 099 8 991-998
QTY - 8

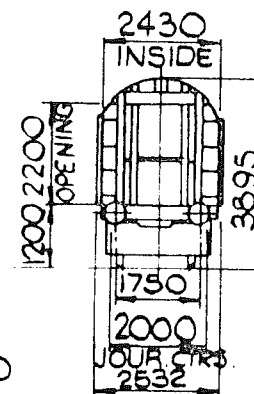
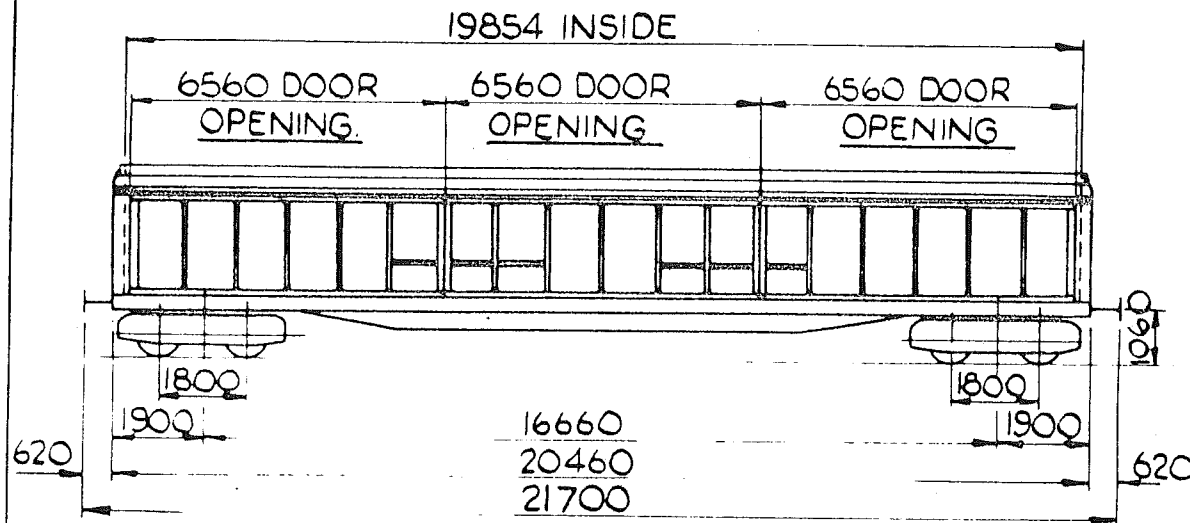
WAGONS MAY CARRY 3
WEIGHTS OF FLASK OF
80, 97 AND 105t.
H CONDITION = 105 + TARE
M " = 97 + "
L " = 80 + "
E " = TARE.

FAUVET-GIREL DRG. No 101714

	H	M	L	E
RA	8: MORE THAN ONE 6: SINGLE	7: MORE THAN ONE 5: SINGLE	5: MORE THAN ONE 3: SINGLE	1

	H	M	L	E
RA	153	145	128	48
V.B.	0	0	0	0
A.B.	72	72	72	30
R.A.	62	62	62	62
RA	62	62	62	62
RA	13			





E.476
REV 1

FLOOR AREA - 48.0 m²

CU. CAP - 114.0 m³

FLOOR -

POWER BRAKE - AIR

BRAKE & VAC. THRO' PIPE

HANDBRAKE - SCREW

TARE - 25 500 kg.

LOAD -

	A	B	C
37.7t	45.7t	53.7t	
37.7t	45.7t	53.7t	

COVERED BOGIE WAGON - REGISTERING ADMIN. - DB.

OWNERS - E.V.A. LTD

TYPE - Habfis.

VEHICLE NOS - 21 80 029 8 000 TO 079

QTY - 80

MINIMUM CURVE RADIUS = 35m.

G.A. DRG. N^o - A 2089.01.1. UBERSETZUNG.

TOPS CODE

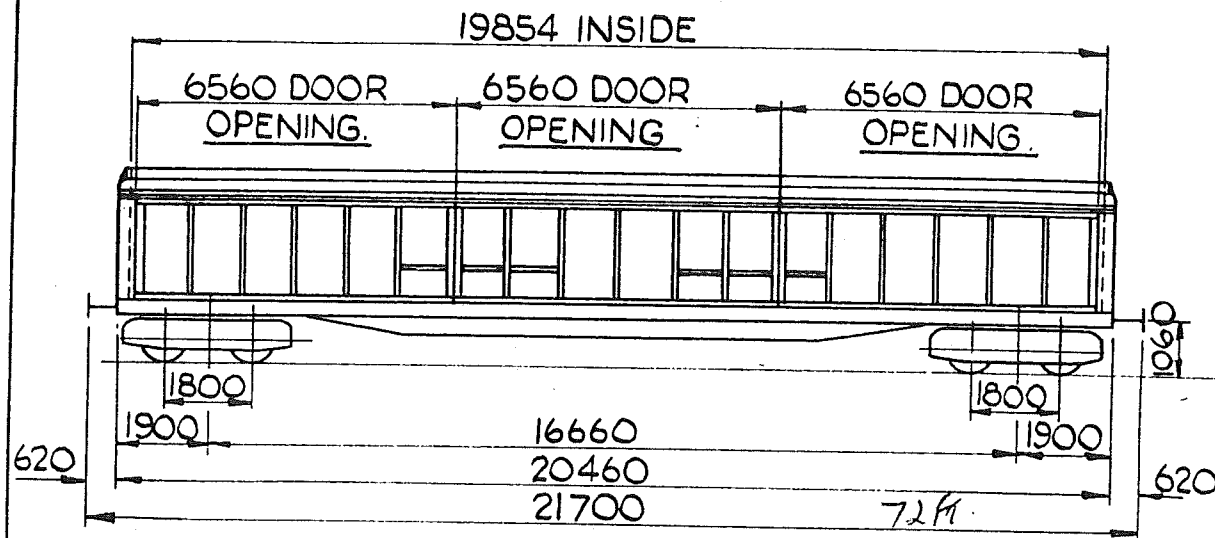
CARKND AARKND

OPERATING

PANEL No.

I P B I P B B

	H	M	L	E
TONNES	80	60	40	20
VB	0	0	0	0
A.B	44	44	19	19
R.A	6	3	1	1
LAB	62	62	62	62
LAB	62	62	62	62



E.476.

REV 3

FLOOR AREA - 48.0 m².

CU. CAP. - 114.0 m³

FLOOR -

POWER BRAKE - AIR

BRAKE & VAC. THRO' PIPE.

HANDBRAKE - SCREW.

TARE - 26 230 Kg.

LOAD -

	A	B	C
37,7t	45,7t	53,7t	
11S	37,7t	45,7t	53,7t

COVERED BOGIE WAGON - REGISTERING ADMIN. - D.B.

OWNERS. - E.V.A. LTD. \leftarrow CARGO WAGON \rightarrow

TYPE. - Habfis.

VEHICLE N^{os}. - 21 80 029 8 000-005, 007-014, 016-079.

QTY. - 78.

MINIMUM CURVE RADIUS = 35 M.

G.A. DRG. N^o. - A 2089. 01.1. ÜBERSETZUNG.

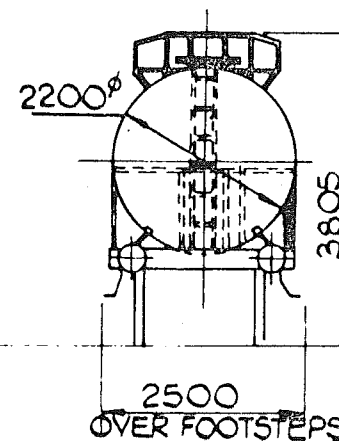
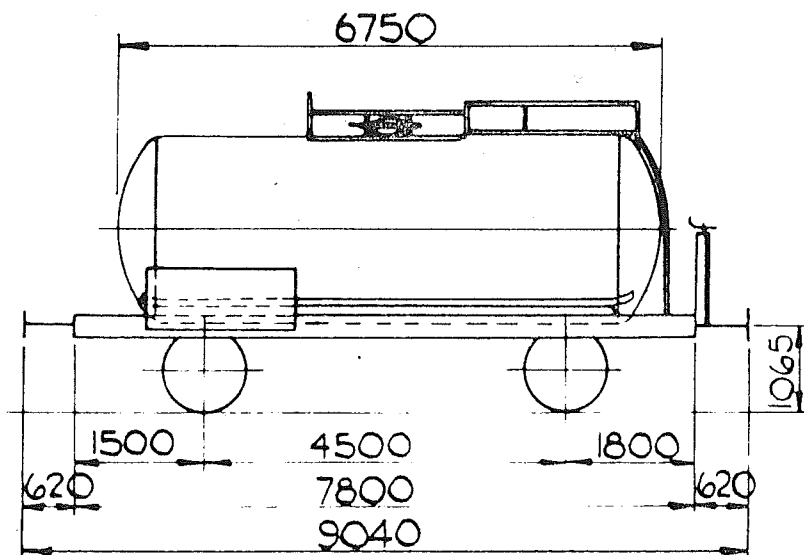
TOPS CODE

CARKND	AARKND	OPERATING
1	P	B
1	P	B
1	P	B
1	P	B

	H	M	L	E
TONNES	80	60	40	26
V.B.	0	0	0	0
A.B.	44	44	19	19
R.A.	6	3	1	1
SPED	62	62	62	62
EXCESS				14

E 477

REV. 1



CAPACITY - 240 hl.

TANK MATL - MILD STEEL.

POWER BRAKE - COMPRESSED

AIR & VACUUM THRO' PIPE

HANDBRAKE -

HANDLEVER

TARE - 11500 kg.

LOAD -

A	B	C
20.5t	24.5t	28.5t

TANK WAGON - FRENCH S.N.C.F. (EUROP RAIL.)

TYPE - Lfh

VEHICLE N^o - 21 87 078 2 083 to 094

QTY. - 7.

G.A. DRG. N^o - ATEUER DE PROVENCE A MIRAMAS PLAN 285.

TOPS CODE

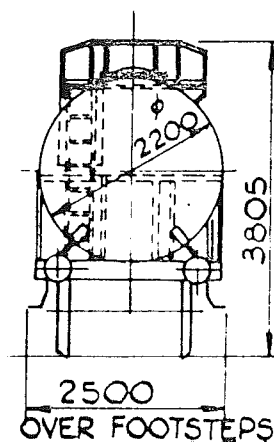
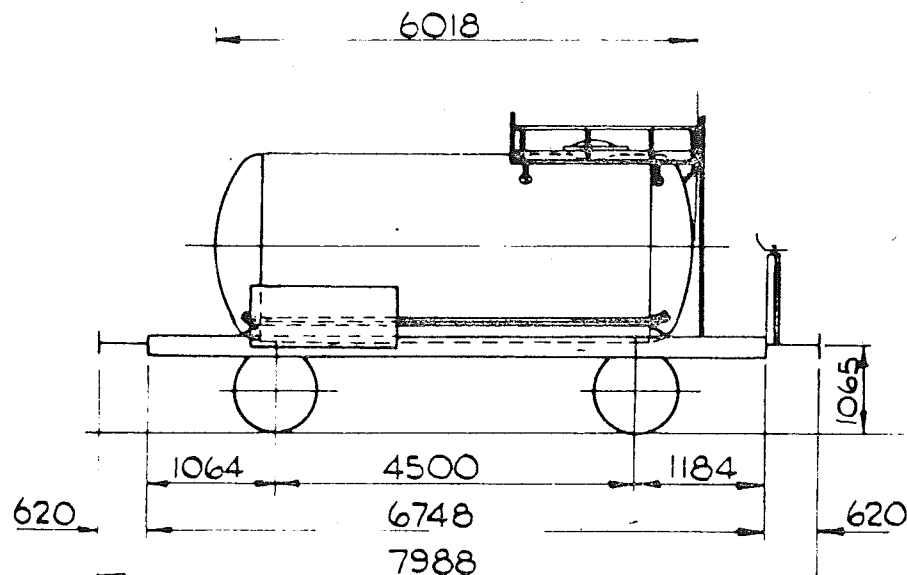
CARBON STEEL

ICB ICBC

	H	M	L	E
TONS	40	29	18	12
V.B.	0	0	0	0
A.B.	13	13	5	5
R.A.	6	2	1	1
MAX	50	50	50	50
EXCESS LENGTH		5		

E 478

REV. 1



CAPACITY - 209 hl
 TANK MAT - MILD STEEL
 POWER BRAKE -
 COMPRESSED AIR &
 VACUUM THRO PIPE
 HANDBRAKE -
 HAND LEVER
 TARE - 11 100 Kg.
 LOAD -

	A	B	C
	20.9	24.9	25.65
S	20.9	24.9	

TANK WAGON - FRENCH (S.N.C.F.) EUROP RAIL.

TYPE - Uhs Ufh

VEHICLE N^{os} - 21 87 073 2 085 086 087

QTY. - 3

TOPS CODE

CARKND AAKMIL

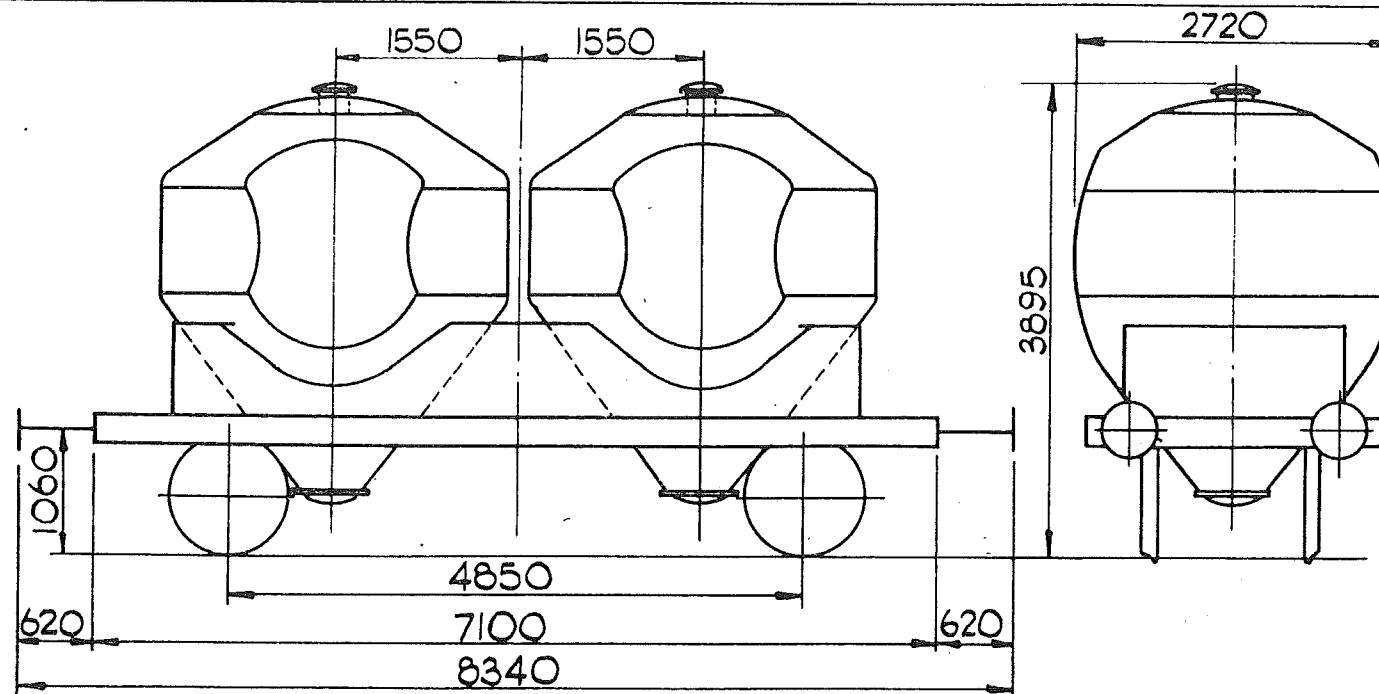
-ANT. No.

G.A. DRG. N^o. - ATEUER DE PROVENCE A MIRAMAS PLAN. 281.

I C B I C B B

	H	M	L	E
TONS	37	27	18	11
V.B.	0	0	0	0
A.B.	11	11	5	5
R.A.	6	2	1	1
SPEED	50	62	62	62
EXCESS LENGTH		3		

(x)



TWIN HOPPER WAGON - FRENCH .

TYPE - U5 .

VEHICLE N^o. - 21 87 092 3 633 - 3 .

QTY. - 1 .

DIAGRAM N^o. - 2763 .

E.480.

REV.

FLOOR AREA. -

CU. CAPACITY - 26.6 m³.

FLOOR. -

POWER BRAKE. -

COMPRESSED AIR &
VACUUM THRO' PIPE.

HANDBRAKE -

HAND LEVER.

TARE. - 11,000 Kg .

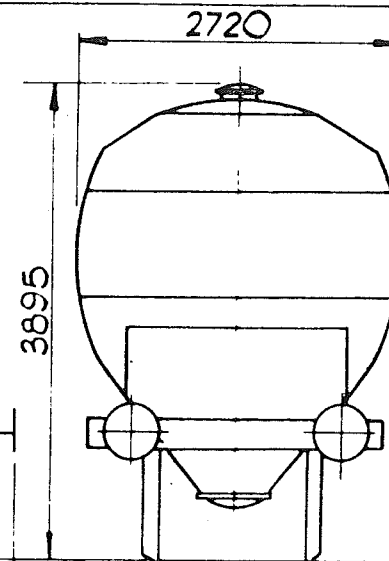
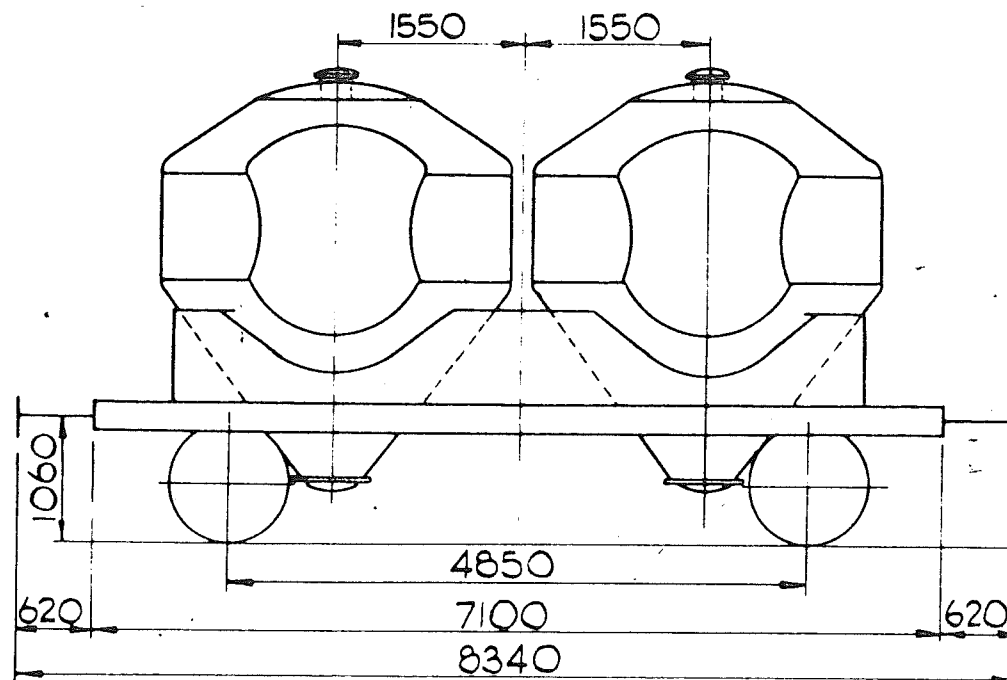
LOAD. -

	A	B	C
	21	25	29
S	21	25	

	H	M	L	E
TONS	40	29	18	11
V.B.	0	0	0	0
A.B.	15	15	5	5
R.A.	6	2	1	1
REMARKS	50	62	62	62
LENGTH		4		

TOPS CODE

CARKND	AARKND	OPERATING PANEL No.
1 H B	1 H B A	



E 480
REV 1

FLOOR AREA -
CU CAPACITY - 266 m³
FLOOR -
POWER BRAKE -
COMPRESSED AIR &
VACUUM THRO PIPE.
HANDBRAKE -
HAND LEVER
TARE - 11,000 kg.
LOAD -

	A	S	C
21	25	29	
S	21	25	

	H	M	L	E
TONS	40	29	18	11
V.B	0	0	0	0
A.B	15	15	5	5
R.A.	6	2	1	1
MAX	50	62	62	62
LENGTH		4		

TWIN HOPPER WAGON - FRENCH

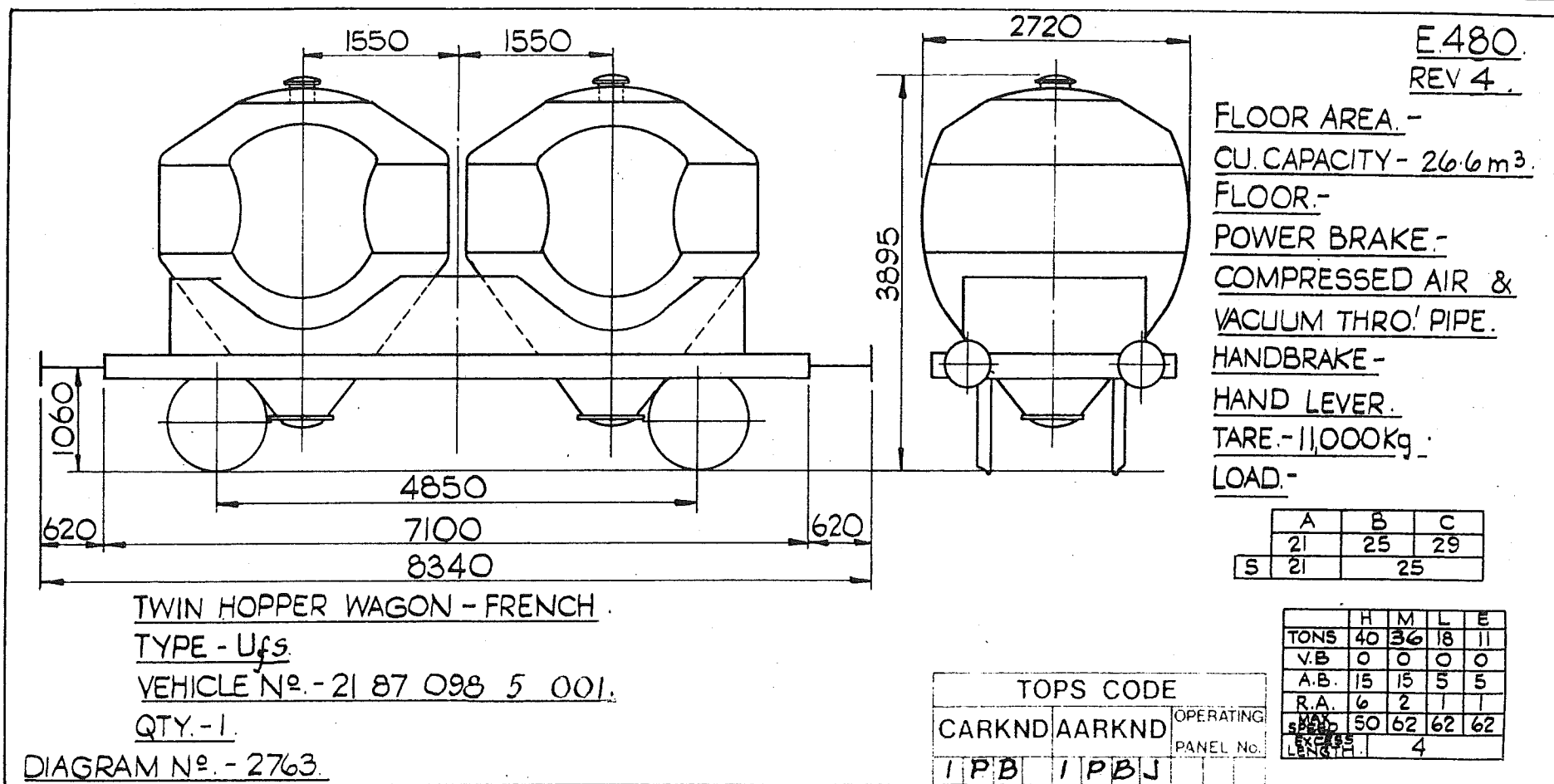
TYPE - Lfs

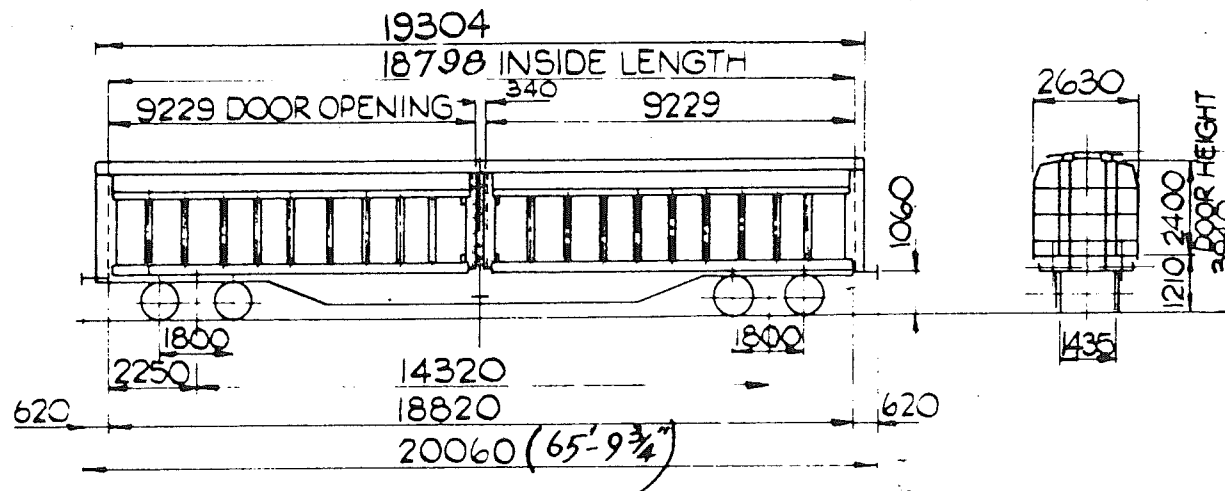
VEHICLE N^o - 21 87 098 5 001

QTY. - 1

DIAGRAM N^o - 2763

TOPS CODE
CARKND AARKND
1HB 1HBA





BOGIE VAN - GERMAN - V.T.G.

TYPE - Habfis

VEHICLE Nos. 21 80 029 8 200-299

QUANTITY - 100

DIAGRAM No - 9 13543.0.01.

MINIMUM CURVE RADIUS = 35 M.

E.481.
REV 1

FLOOR AREA - 47m²

CJ CAPACITY - 118m³

FLOOR -

POWER BRAKE -

AIR BRAKE & VACUUM
THROUGH PIPE

HANDBRAKE -

SCREW

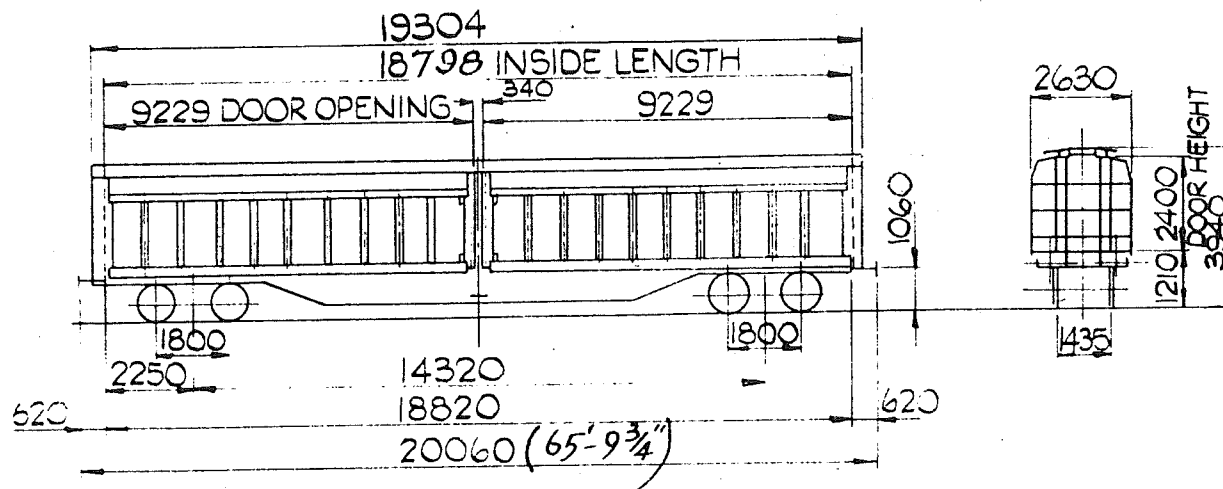
TARE - 26t.

LOAD

	A	B	C
38	38	46	54
38	38	46	54

	H	M	L	E
TONS	80	60	40	26
VB	0	0	0	0
AB	43	43	19	19
RA	0	3	1	1
RA	62	62	62	62
LENGTH			10	

IPB IPBB



E. 481
REV. 3

FLOOR AREA - 47m²

CU. CAPACITY - 118m³

FLOOR -
POWER BRAKE -
AIR BRAKE & VACUUM
THROUGH PIPE.
HANDBRAKE -
SCREW.
TARE - 26t.
LOAD.

	A	B	C
38	46	54	
5	38	46	54

	H	M	L	E
TONS	80	60	40	26
V.B.	0	0	0	0
A.B.	43	43	19	19
R.A.	0	3	1	1
WAS	62	62	62	62
SPED				
LENGTH				10

BOGIE VAN - GERMAN - V.T.G.

TYPE - Habfis

VEHICLE Nos. 21 80 029 8 200-359

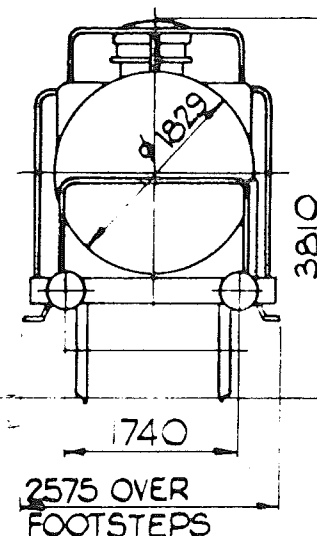
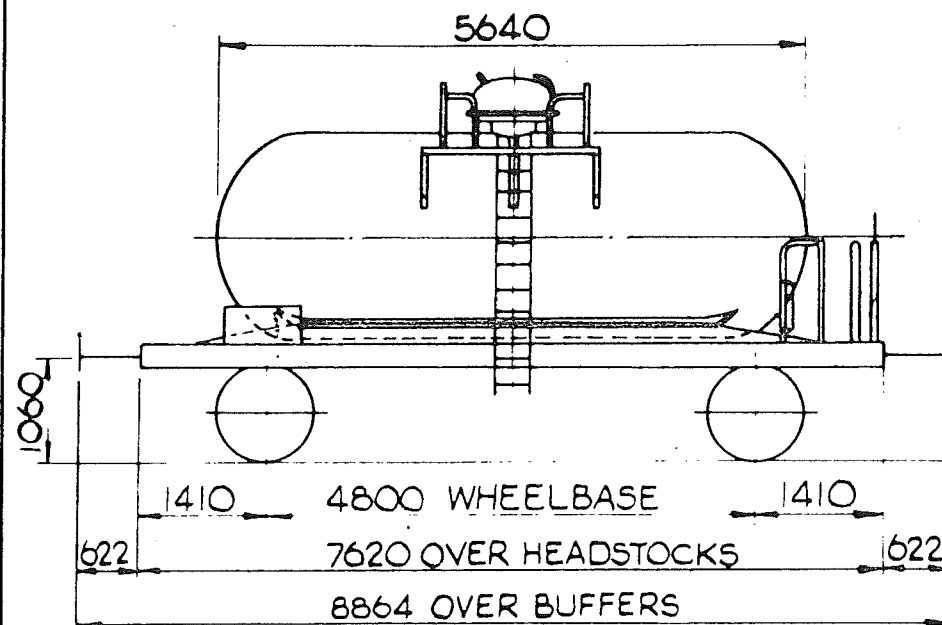
QUANTITY - 210. 26 80 029 8 360-409

DIAGRAM No - 9 13543.0.01.

MINIMUM CURVE RADIUS = 35M.

TPS CODE

IPB IPBB



E.482.
REV.

CAPACITY - 136 hl./2990 galls.
TANK MATL - MILD STEEL.
POWER BRAKE - COMPRESSED AIR
& VACUUM THROUGH PIPE
HANDBRAKE -
SCREW & SIDE LEVER.
TARE - 15
LOAD -

	A	B	C
	17	21	25
S	17	21	

	H	M	L	E
TONS	40	40	15	15
V.B.	0	0	0	0
A.B.	22	22	9	9
R.A.	6	6	1	1
MAX SPEED	50	60	60	60
EXCESS LENGTH	4			

TANK WAGON - G.B - OCTEL Co.

TYPE - Ufhs

VEHICLE NOS 21 70 078 5 409 410 & 411.

QTY - 3

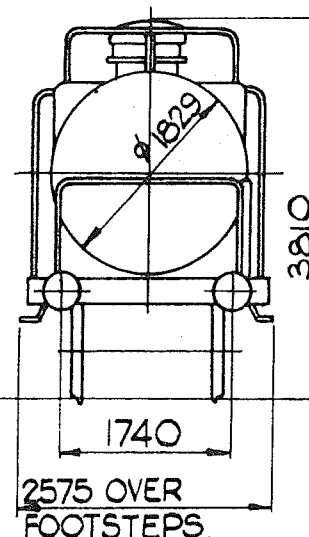
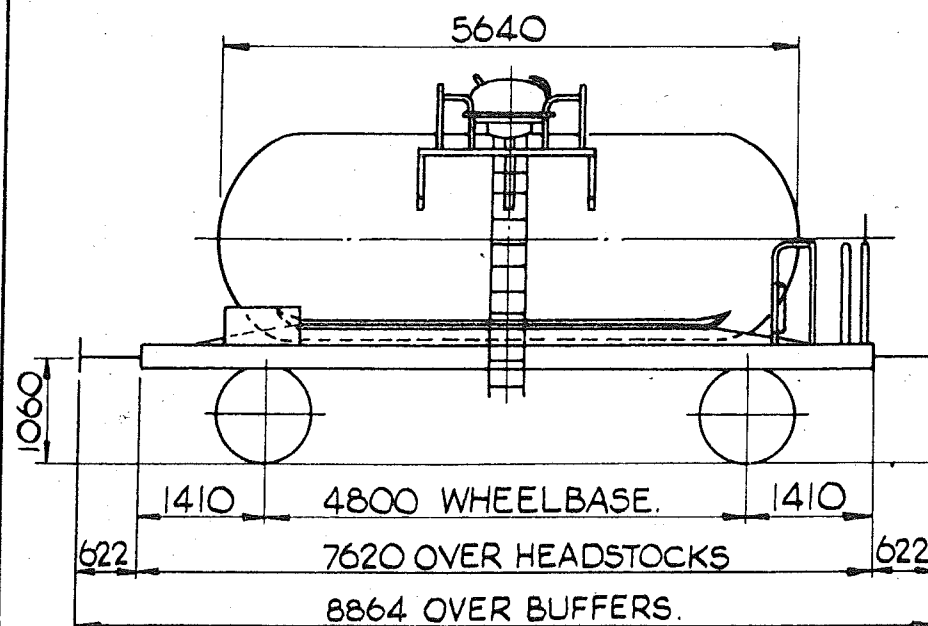
G.A. DRG. NO. - PROCOR (U.K) LTD. 771111/01.

TOPS CODE

CARRIAGE AARRND

T.I.B. T.I.B.L. 1336

E.482.
REV.1.



CAPACITY - 136 hl / 2990 galls.
TANK MATL - MILD STEEL.
POWER BRAKE - COMPRESSED AIR
& VACUUM THROUGH PIPE
HANDBRAKE -
SCREW & SIDE LEVER.
TARE - 15t.
LOAD -

	A	B	C
	17	21	25
S	17	21	25

	H	M	L	E
TONS	40	40	15	15
V.B.	0	0	0	0
A.B.	22	22	9	9
R.A.	6	6	1	1
MAX SPEED	60	60	60	60
EXCESS LENGTH.	4			

TANK WAGON - G.B. - OCTEL Co.

TYPE - Ufhs.

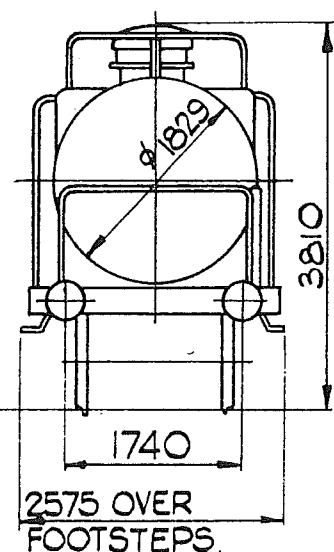
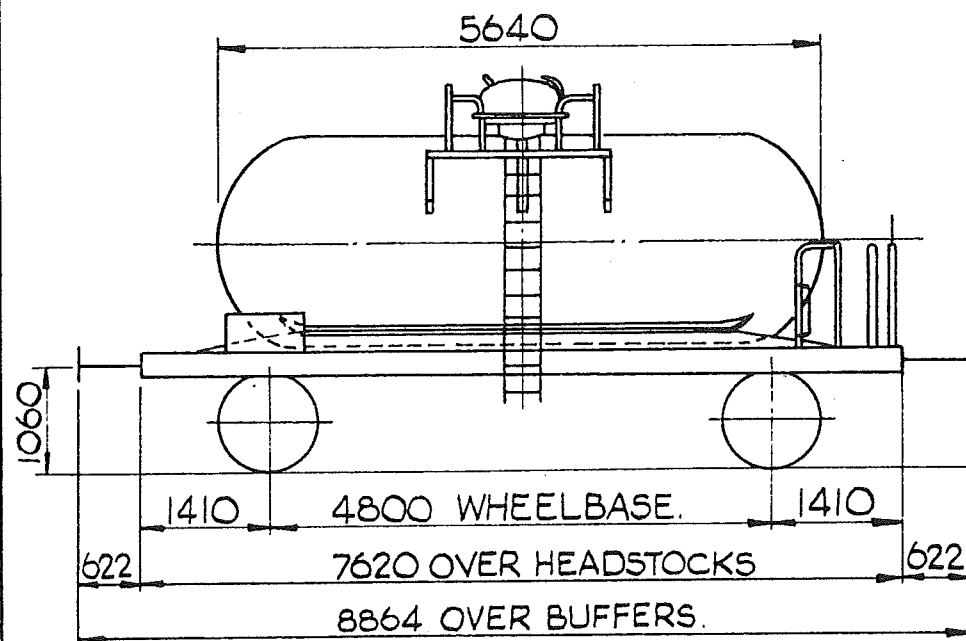
VEHICLE N^{OS}. 21 70 078 5 409 TO 415.

QTY. - 7.

G.A. DRG. N^o. - PROCOR (U.K.) LTD. 771111/01.

TOPS CODE		
CARKND	AARKND	OPERATING
TIB	TIBL	PANEL No.
		1336

E.482.
REV 4.



CAPACITY - 136 hl./2990 galls.
TANK MATL.- MILD STEEL.
POWER BRAKE- COMPRESSED AIR
& VACUUM THROUGH PIPE
HANDBRAKE -
SCREW & SIDE LEVER.
TARE - 15t.
LOAD:-

	A	B	C
	17	21	25
S	17	21	25

	H	M	L	E
TONS	40	40	15	15
V.B.	0	0	0	0
A.B.	22	22	9	9
R.A.	6	6	1	1
MAX SPEED	60	60	60	60
EXCESS LENGTH.	4			

TANK WAGON - G.B. - OCTEL Co.

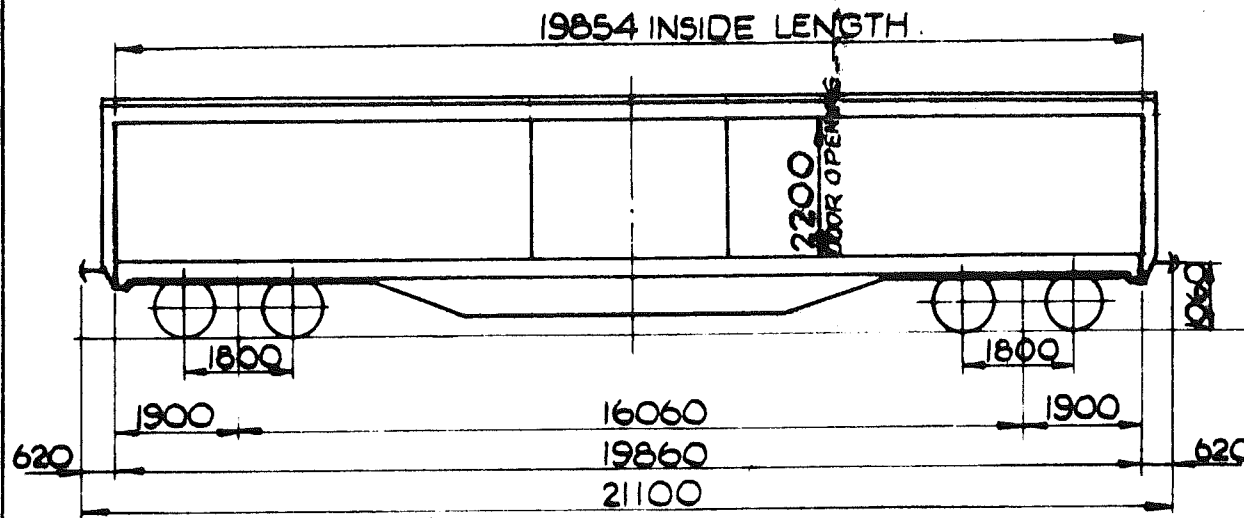
TYPE - Ufhs.

VEHICLE NOS. 21 70 078 5 409,410, 414.

QTY. 3

G.A. DRG. NO. - PROCOR (U.K) LTD. 771111/01.

TOPS CODE			
CARKND	AARKND	OPERATING	PANEL NO
T I B	T I B L	1336	



HIGH CAPACITY FERRY VAN - DANZAS SA
 TYPE - Habf's.
 VEHICLE N^{os} 21 70 029 8 000 - 029.
 QTY. - 30

G.A. DRG - W-A0-5700.

E. 483.
 REV.

FLOOR AREA - 48m²
 CUBIC CAPACITY - 106m³
 FLOOR - WOOD
 POWER BRAKE - AIR
 HAND BRAKE - SCREW

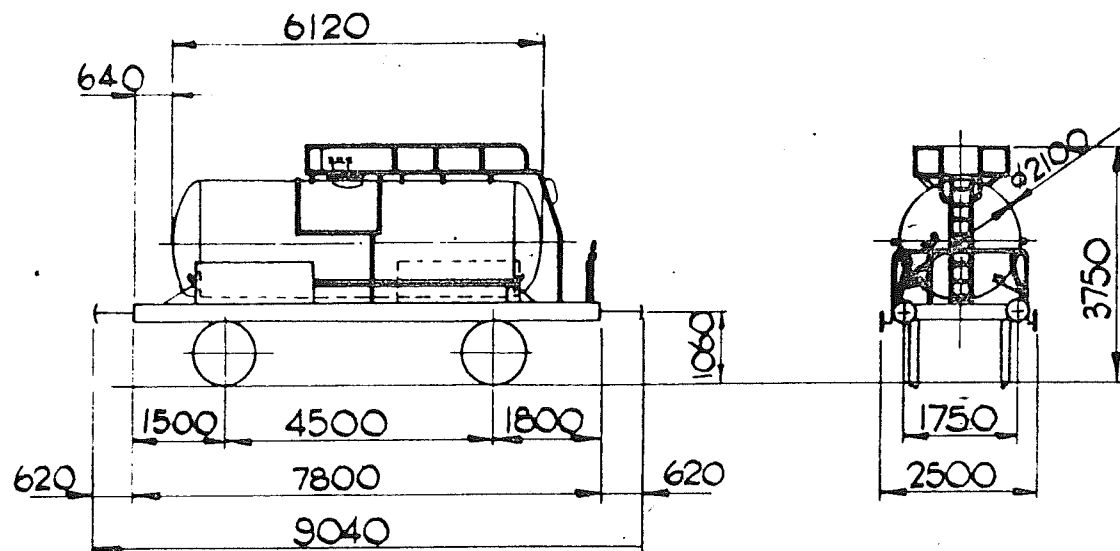
TARE - 26t
 LOAD -

	A	B	C
	38	46	54
S	38	46	54

	H	M	L	E
TONS	80	60	40	26
V.B.	UNFITTED			
A.B.	36	36	18	18
R.A.	6	3	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH	13			

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
PTA	PTAB	

E.484
REV.



CAPACITY - 200hl/4400galls.
TANK MATL - STAINLESS STEEL
POWER BRAKE -
AIR & VACUUM THRO' PIPE
HANDBRAKE -
SCREW
TARE - 9.5t
LOAD -

A	B	C
22.5t	26.5t	30.5t
15	22.5t	26.5t

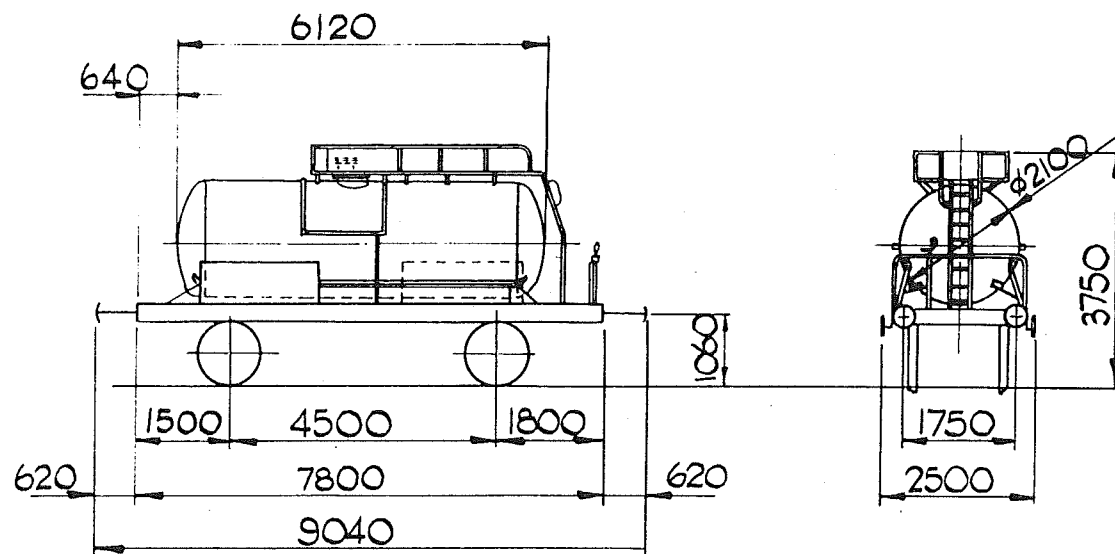
TANK WAGON - FRENCH - (S.N.C.F.)
TYPE *Ufh5*
VEHICLE N^o - 26 87 078 5 013 - 0
QTY. - 1.

DRG. N^o - CFMF. 2-2-0-825.

TOPS CODE			
CARKND	AARKND	OPERATING	PANEL No.
1 C B	1 C B C		

	H	M	L	E
TONS	40	35	20	10
V.B.	0	0	0	0
A.B.	18	18	5	5
R.A.	6	5	1	1
HEAD	62	62	62	62
ACCESS LENGTH	5			

E.484
REV. I.



CAPACITY - 200hl/4400galls.
TANK MATL. - STAINLESS STEEL.
POWER BRAKE -
AIR & VACUUM THRO' PIPE.
HANDBRAKE. -
SCREW.
TARE - 9.5t
LOAD -

	A	B	C
	225t	265t	305t
S	225t	265t	

TANK WAGON - FRENCH.-(S.N.C.F.) CFMF. 4 RUE DE
TYPE Ufh5 VENTADOUR, PARIS.

VEHICLE N^o. - 26 87 078 5 013-0.

QTY. - 1.

DRG. N^o. - CFMF. 2-2-O-825.

TOPS CODE	
CARKND	AARKND
OPERATING	PANEL No
ICB	ICBC

	H	M	L	E
TONS	40	35	20	10
V.B.	0	0	0	0
A.B.	18	18	5	5
R.A.	6	5	1	1
EXCESS LENGTH	62	62	62	62
				5

E 485

REV 4.

LOADING WIDTH = 2014mm.

LOADING AREA = 27.5m²LOADING VOLUME = 55m³

POWER BRAKE:-

COMPRESSED AIR

VACUUM THROUGH PIPE

HAND BRAKE:-

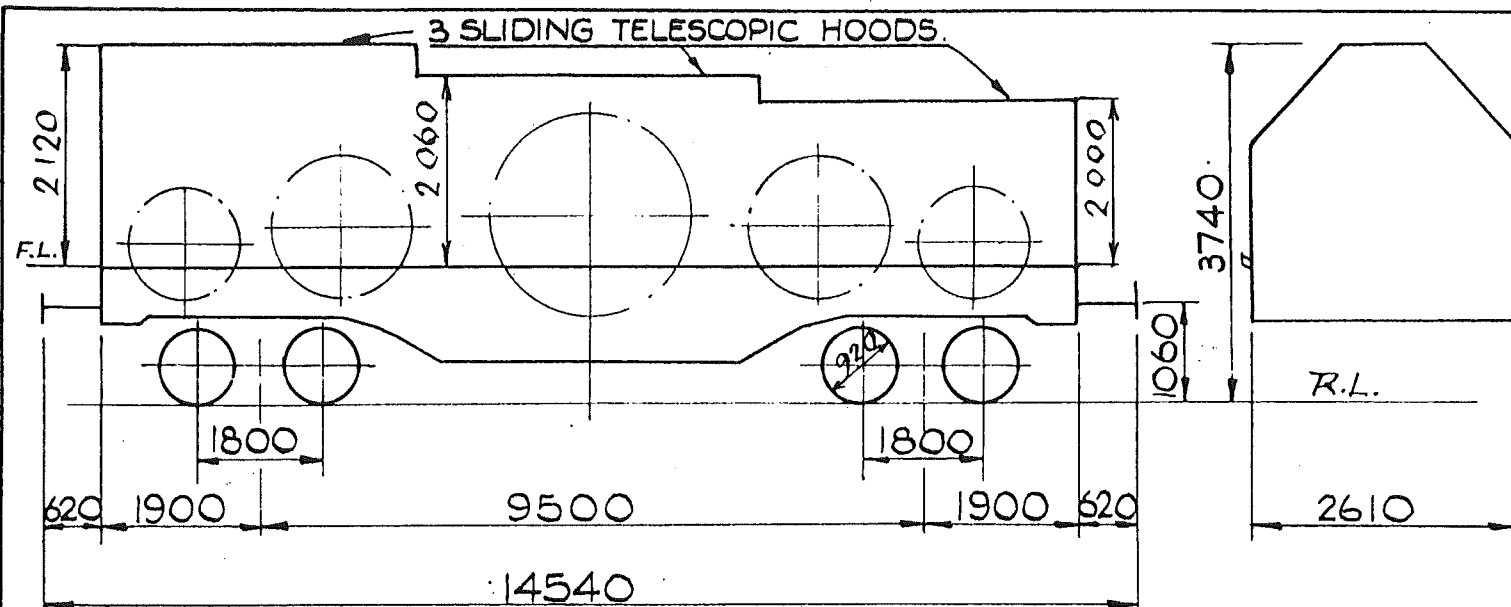
SIDE, SCREW.

MINIMUM CURVE = 35m.

TARE = 27.5t

	A	B	C
	36,5t	44,5t	52,5t
S	36,5t	44,5t	52,5t

	H	M	L	E
TONS	80	60	41	28
V.B.	0	0	0	0
A.B.	44	44	17	17
R.A.	6	3	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH				3



COIL CARRIER - V.T.G

TYPE - Tafhis.

VEHICLE NOS - 21 70 059 9 000-074.

QTY. - 75.

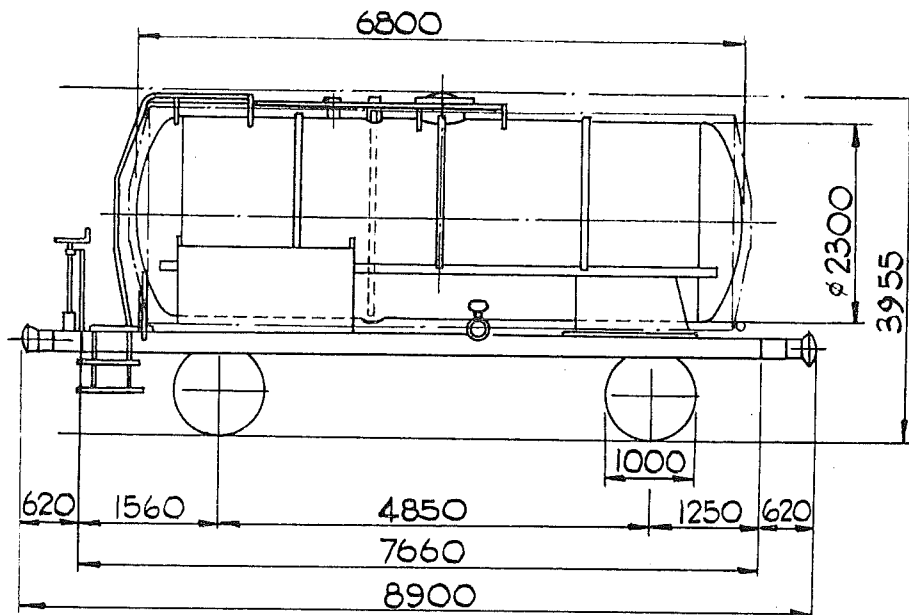
G.A. DRG. NO. - 1 13 547.0.

NOTE: FOR RUNNING IN
GREAT BRITAIN.

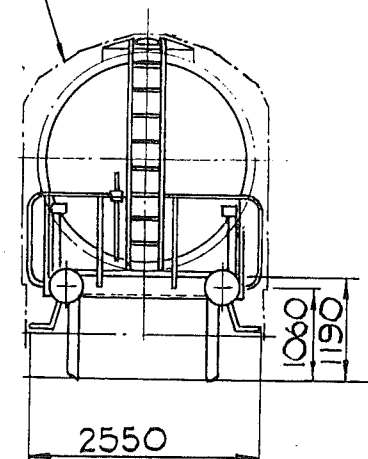
88	80	43	28
8	6	1	1

TOPS CODE	
CARKND	AARKND
PIB	PIBC

OPERATING
PANEL NO.



B.R. PROFILE.



E. 488.

REV

CAPACITY - 270kl./5939g.

TANK MATL -

POWER BRAKE - Air brake
and vacuum thro' pipe

HAND BRAKE - Platform
screw & side lever

TARE - (1) 11,800 kg. (2) 11,900

LOAD -

1

	A	B	C
	20.2	24.2	28.2
S	20.2	24.2	

2

	A	B	C
	20.1	24.1	28.1
S	20.1	24.1	

TANK WAGON SWISS. SBB/CFF

TYPE - Zefs

VEHICLE N^o. 23 85 7397 750 & 751

QTY. - 2

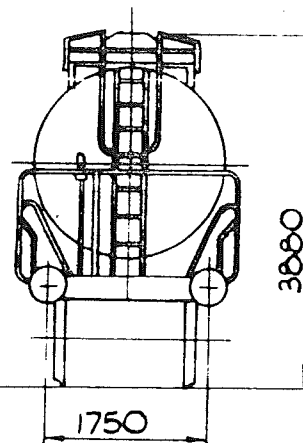
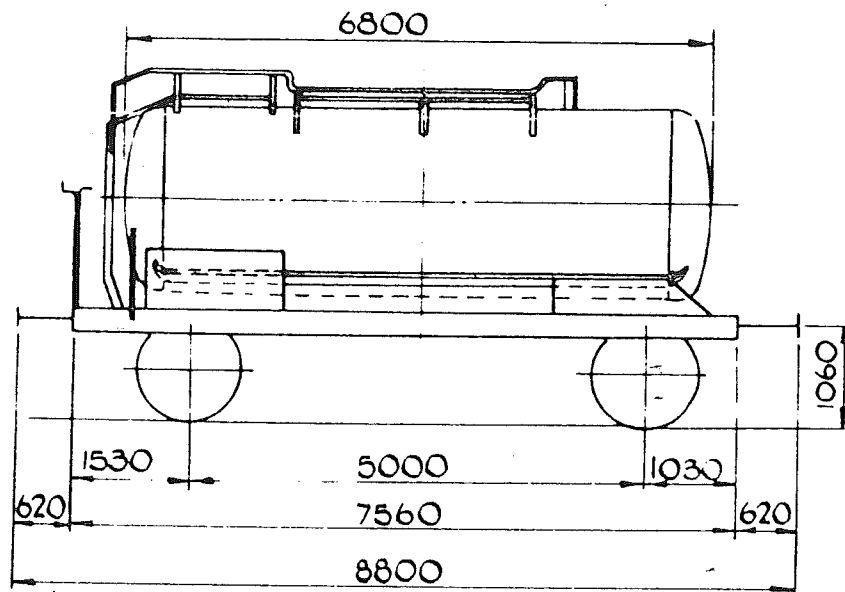
2

1

G.A. DRG. N^o. - 8-115 443.

TOPS CODE	
CARKND	AARKND
ICB	ICBC

	H	M	L	E
TONS	40	30	19	12
V.B.	0	0	0	0
A.B.	27	27	14	14
R.A.	6	2	1	1
EXCESS LENGTH	50	60	60	60
			4	



E 489

REV

CAPACITY - 22chl./ 4839 gallons

TANK MATL. - Stainless steel.

POWER BRAKE - Compressed air
and vacuum through pipe.

HAND BRAKE - Platform screw
and side lever.

TARE - 10.7t.

LOAD -

	A	B	C
	21.3	25.3	29.3
S	21.3	25.3	29.3

TANK WAGON. - GERMAN (D.B.)

TYPE - Ufhs.

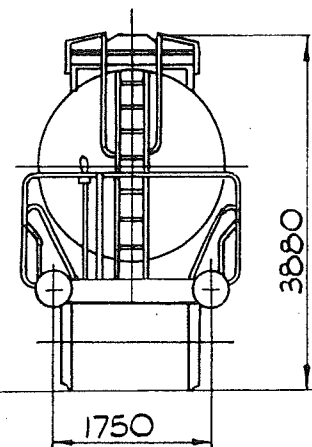
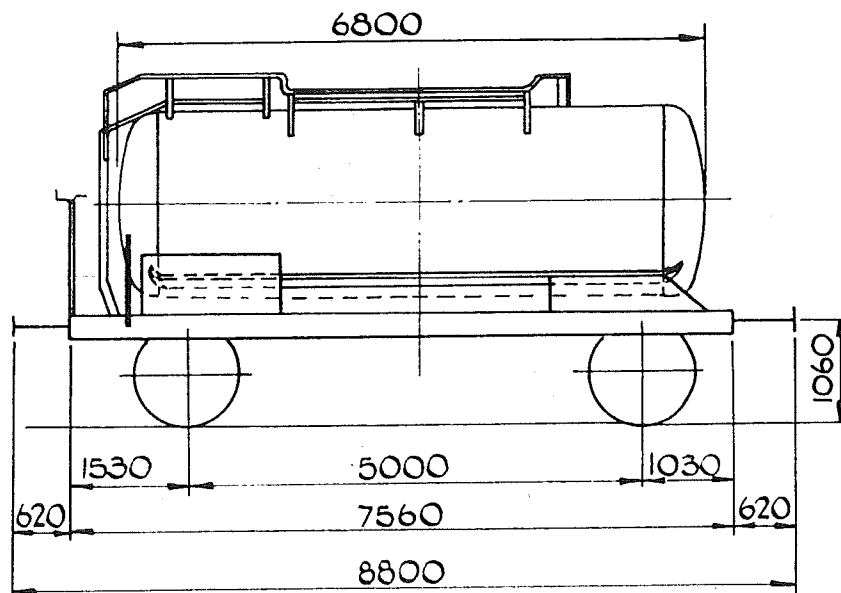
VEHICLE N^o. - 21 80 078 5 228-6

QTY. - 1

G.A. DRG. N^o. - Linke-Hofmann-Busch 152 320. 0. 01

TOPS CODE		OPERATING
CARKND	AARKND	PANEL NO.
1 C B	1 C B C	

	H	M	L	E
TONS	40	29	18	11
V.B.	0	0	0	0
A.B.	21	21	8	8
R.A.	6	2	1	1
MAX. SPEED	50	62	62	62
EXCESS LENGTH	4			



E. 489

REV 1.

CAPACITY - 220hl / 4839 gallons

TANK MATL - Stainless steel

POWER BRAKE - Compressed air and vacuum through pipe.

HAND BRAKE - Platform screw and side lever.

TARE - 10.7t.

LOAD -

	A	B	C
	21.3	25.3	29.3
S	21.3	25.3	29.3

TANK WAGON. - GERMAN (D.B.)

TYPE - Ufhs.

VEHICLE No. - 21 80 078 5 228-6.

QTY. - 1.

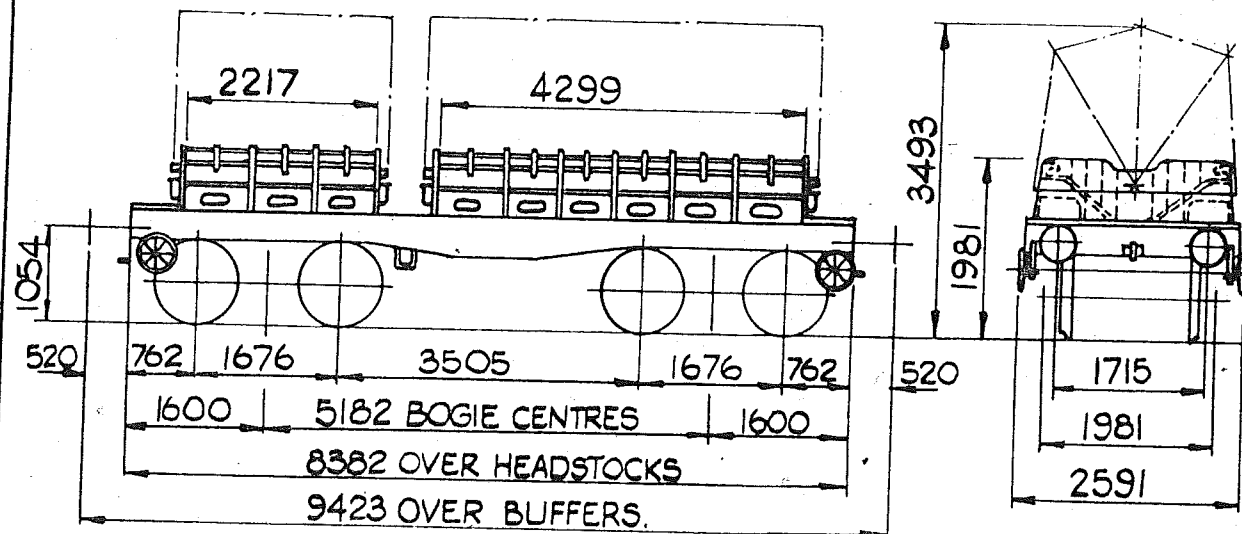
G.A. DRG. No. - Linke-Hofmann-Busch 152 320. 0. 01

TOPS CODE			
CARKND	AARKND	OPERATING	PANEL No
1 C B	1 C B C		

	H	M	L	E
TONS	40	36	18	11
V.B.	0	0	0	0
A.B.	21	21	8	8
R.A.	6	2	1	1
MAX SPEED	50	62	62	62
EXCESS LENGTH			4	

Ex. B.R. DIAGRAM 408

E 490
REV. 1



MIN. CURVE ~ 1 CHAIN.

POWER BRAKE -
AIR & VACUUM.

HANDBRAKE
SCREW.

TARE - 21 500 kg.

LOAD -

A	B1	B2	C2	C3	C4
23.5	25.5	38.5	46	53.5	

STRIP COIL WAGON - BRITISH.

TYPE - Sfh.

VEHICLE NOS. - 2070 4641 000-009.

QTY. - 10.

G.A. DRG. NO SW/SW 835

TOPS CODE		
CARKND	AARKND	OPERATING
J1X	J1XA	PANEL No.
		275

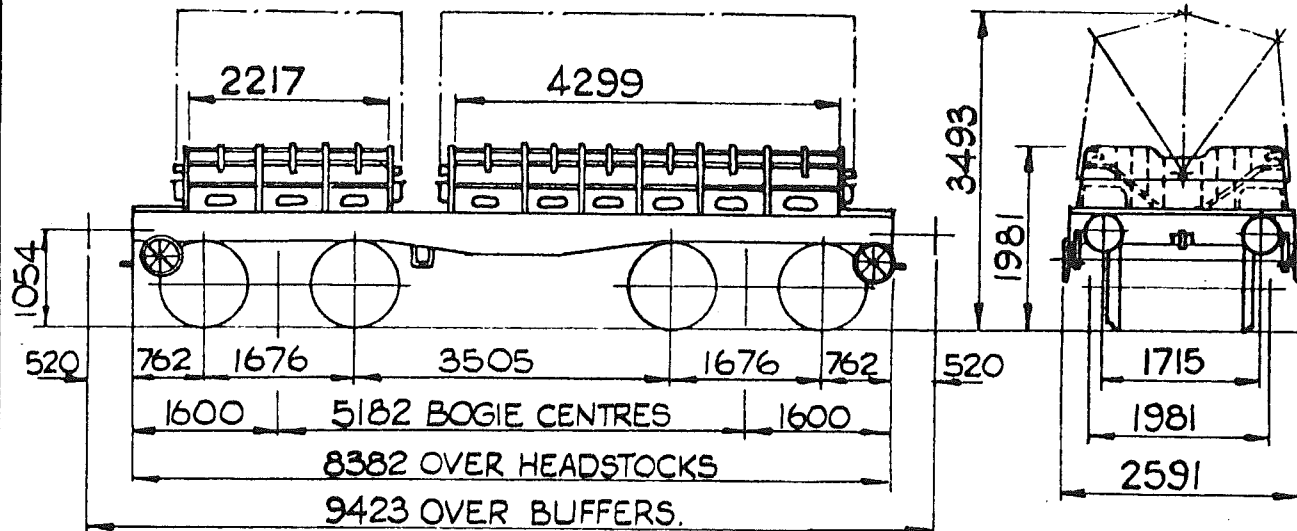
FROM
DIAGRAM.

JK001A

	H	M	L	E
TONS	82	59	37	22
V.B.	14	14	14	14
A.B.	18	18	18	18
R.A.	7	3	1	1
SPREAD	50	50	50	50
EXCESS LENGTH				

Ex. B.R. DIAGRAM 408

E 490
REV. 2



MIN. CURVE ~ 1 CHAIN.

POWER BRAKE -
AIR & VACUUM.

HANDBRAKE
SCREW.

TARE - 21 500 kg.

LOAD -

A	B1	B2	C2	C3	C4
23.5	25.5	38.5	46	53.5	

STRIP COIL WAGON - BRITISH.

TYPE - 5fh.

VEHICLE N^{os} - 20 70 464 1 000 - 009.

QTY. - 10.

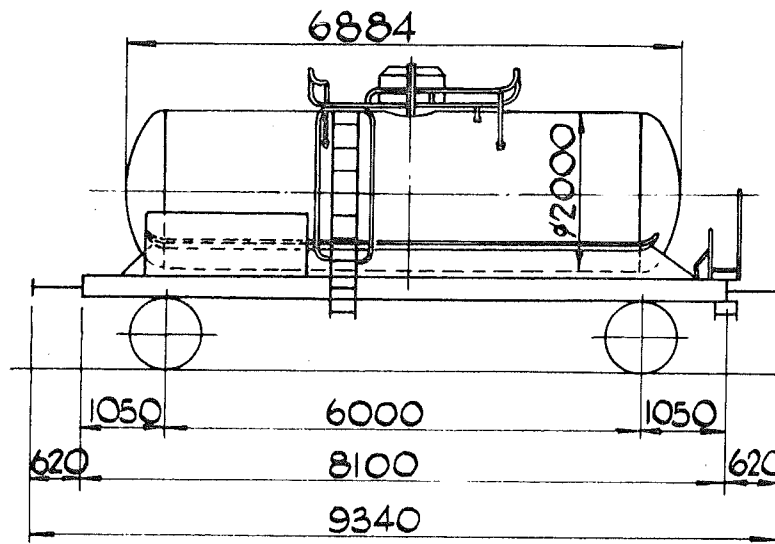
G.A. DRG. N^o SW/SW 835

TOPS CODE			
CARKND	AARKND	OPERATING	PANEL NO.
J1X	J1XA	275	

FROM
DIAGRAM.

JK001A

	H	M	L	E
Tons	82	59	37	22
V.B.	14	14	14	14
A.B.	18	18	18	18
R.A.	10	3	1	1
REAR	50	50	50	50
LENGTH				



TANK WAGON - S.N.C.F. LO GE MAFER, 17/19 RUE DE LA

TYPE - *Ufhs*

CROIX, NIVERT, PARIS

VEHICLE No. - 21 87 078 5 014

QTY. - 1

G.A. DRG. No. FAUVET GIREL 113580

TOPS CODE

CARKND AARKND

1CB 1CBB

OPERATING

PANEL No.

E.492

REV. 1.

CU. CAPACITY - 200 hl/4400g.

TANK MATL. - MILD STEEL

POWER BRAKE - AIR AND

VACUUM THROUGH PIPE

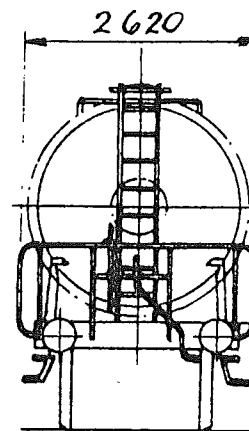
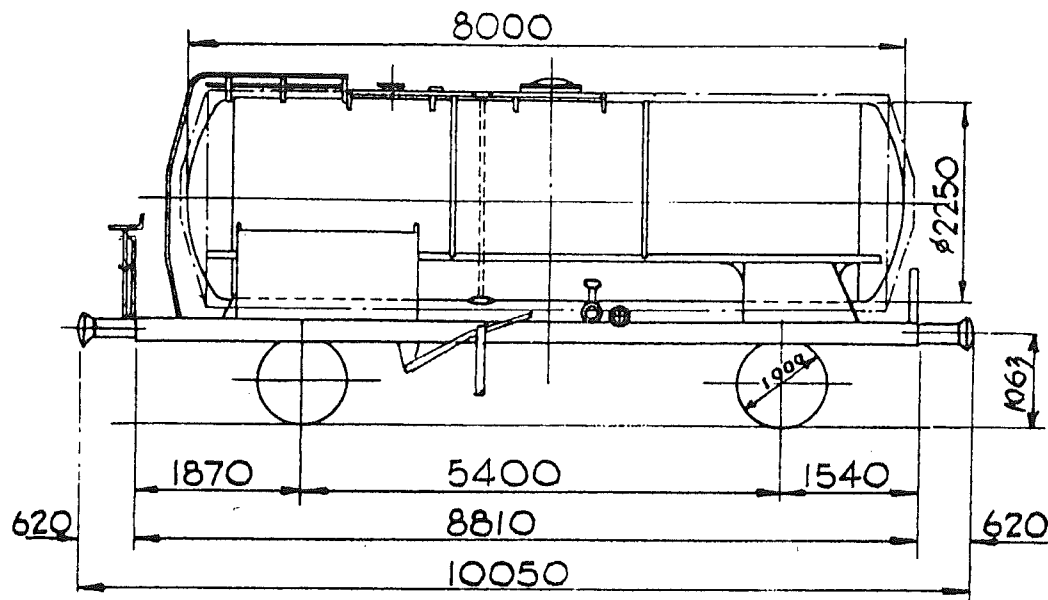
HANDBRAKE - PLATFORM AND
SIDE SCREW.

TARE - 13.920t

LOAD -

	A	B	C
	18	22	26
S	18	22	26

	H	M	L	E
TONS	40	30	21	14
V.B.	0	0	0	0
A.B.	18	18	7	7
R.A.	6	2	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH	5			



E.493.

REV 3.

CAPACITY - 300hl. / 6600 gallons

TANK MATL. - Stainless Steel.

POWER BRAKE -

AIR & VAC. THRO' PIPE

HANDBRAKE -

PLATFORM SCREW AND
SIDE LEVER

TARE - 12 000 kg.

LOAD -

	A	B	C
	20t.	24t.	28t.
S	20t.	24t.	28t.

TANK WAGON - SWISS (CFF).

TYPE - Ufhs.

VEHICLE NOS - 21 85 078 5 000-011, 042-051.

QTY. 22

G.A. DRG. N° - 3-115967.

TOPS CODE

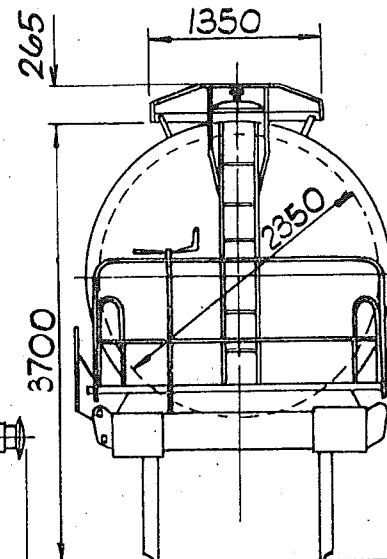
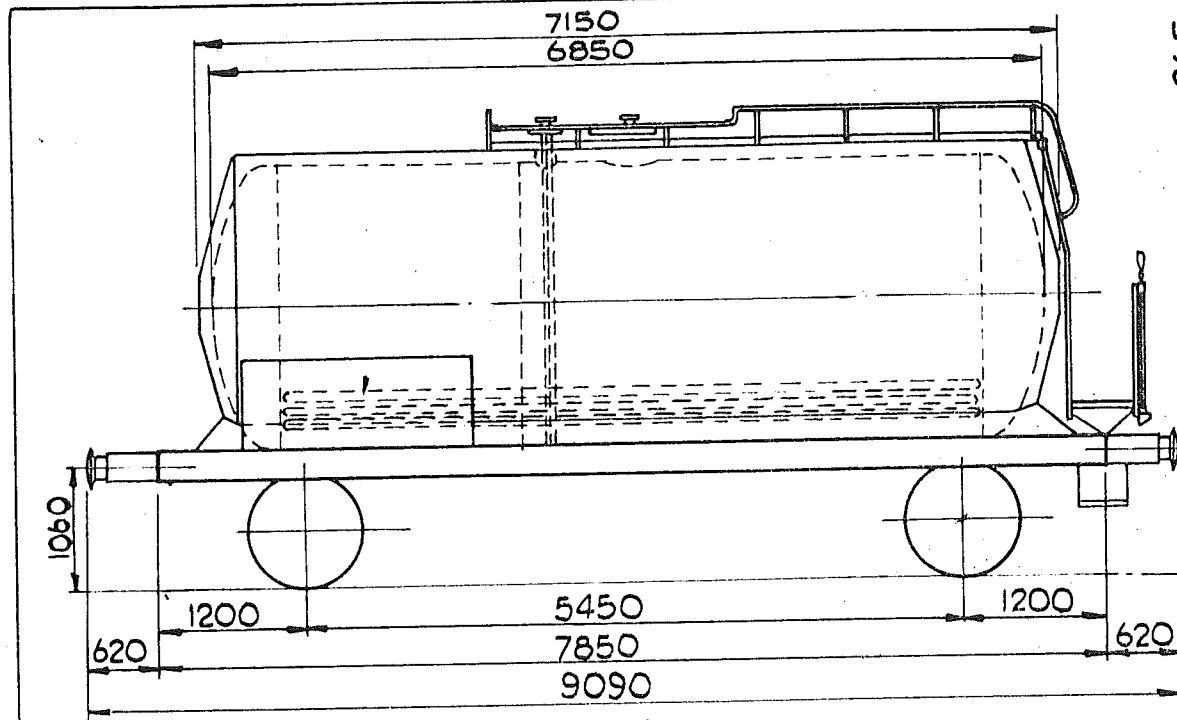
CARKND AARKND

OPERATING

PANEL No.

1CB 1CB C

	H	M	L	E
TONS	40	30	22	12
V.B.	0	0	0	0
A.B.	28	28	12	12
R.A.	6	2	1	1
LENGTH	62	62	62	62
				6



280 hl. **E 494**
 6160 galls. **REV.1**
 CAPACITY - 28 M³
 TANK MATL - S/STEEL
 POWER BRAKE -
 COMPRESSED AIR
 HANDBRAKE -
 SCREW
 TARE - 11900 kg.
 LOAD -

	A	B	C
	20,1t	24,1t	28,1t
5	20,1t	24,1t	28,1t

TANK WAGON - BRITISH (B.R.) STS LTD.

TYPE - Ufhs

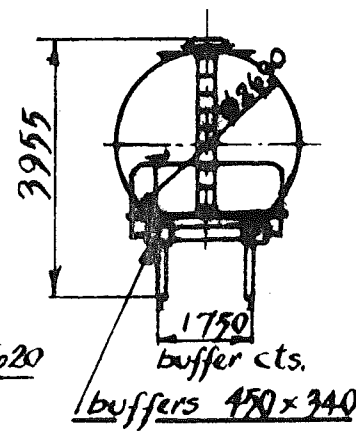
VEHICLE NOS - 21 70 078 5 027-031

QTY. - 5

G.A DRG. N^o - C.F.M.F. 2.2.O.903.

TOPS CODE	
CARKND	CARKND
OPERATING	
PANEL No.	
T I A T I A L	

	H	M	L	E
TONS	40	30	19	12
V.B.	UNFITTED			
A.B.	24	24	11	11
R.A.	6	2	1	1
W.B.	62	62	62	62
W.B.	5			



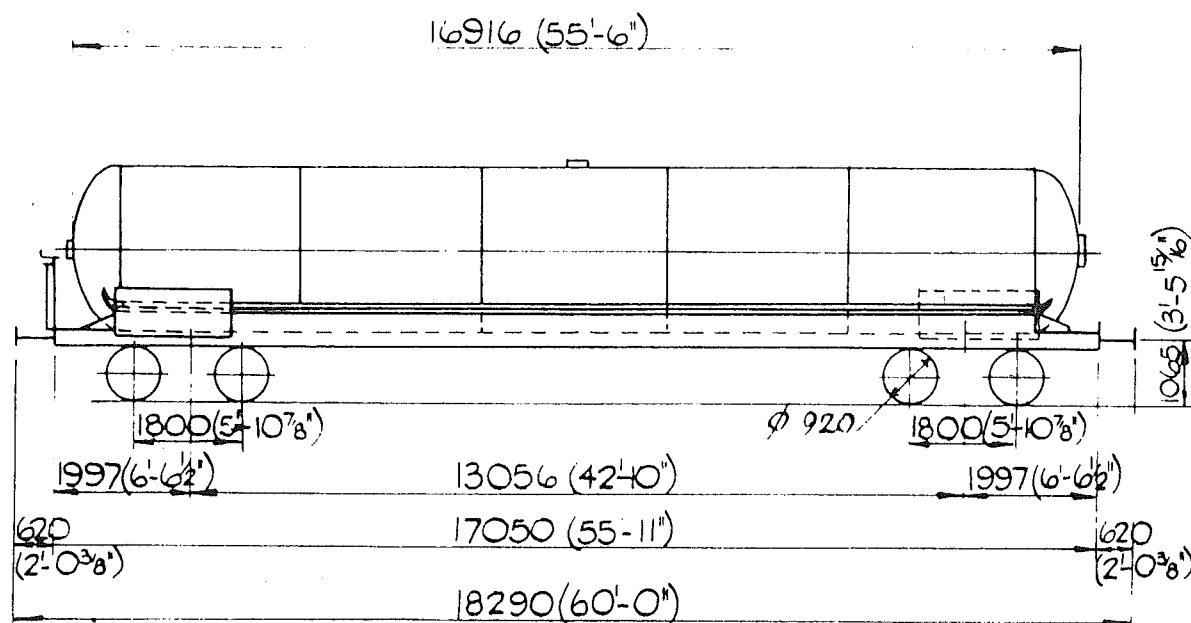
TOPS CODE									
CARKND				AARKND				OPERATING	
PANEL NO				PANEL NO				PANEL NO	
1	C	A		1	C	A	D		

Capacity = 610 hl / 3418 gal.
Tank Mat. ~ STEEL
Power Brake - 2 PIPE AIR
Hand Brake ~ SCREW.
Tare = 21 700 kg.

	A	B	C
	423t	503t	583t
S	423t	503t	583t

120km/h 00

	H	M	L	E
Tonnes	80	58	36	22
V.A.	UNFITTED.			
A.D.	36	36	14	14
R.A.	6	3	1	1
M.S.	62	62	62	62
E.L.		6		



E.497
REV. 2.

CU. CAPACITY - 913hl / 20050 gals.
POWER BRAKE -
AIR
HANDBRAKE -
PLATFORM SCREW &
HAND SCREW.
TARE 33520 Kg.
TANK MATERIAL - STEEL.
LOAD.

	A	B	C
30,4t	38,4t	46,4t	
S	30,4t	38,4t	46,4t

TYPE - Uafhs
VEHICLE N° - 21 70 079 8 012 - 023

BUILDER - FAUVET GIREL - ARRAS.
OWNER - STORAGE & TRANSPORT SYSTEM LTD.

TOPS CODE	
CARKND	AARKND
TIA	TIAY
1346	

	H	M	L	E
TONS	80	60	33	33
V.B.	ONE	ETT	ED	
A.B.	57	57	20	20
P.A.	6	4	1	1
S.P.	60	60	60	60
LENGTH	10			

QTY 12



E 498.

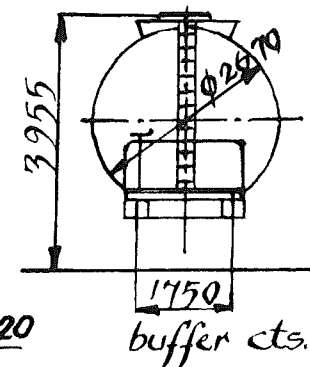
Capacity $\approx \begin{cases} 600 \text{ hl.} \\ 3198 \text{ gal.} \end{cases}$

Tank Material -
STAINLESS STEEL.

Power Brake ~
2 PIPE AIR

Hand Brake ~ SCREW.

Tare $\approx 20\ 300\text{ kg.}$



	A	B	C
	43.7	51.7	59.7
S	43.7	51.7	59.7
120 km/h		00.0	

	H	M	L	E
TONS	80	58	35	20
V.B.	UNFITTED			
A.B.	40	40	13	13
R.A.	6	3	1	1
M.S.	62	62	62	62
E.L.			5	

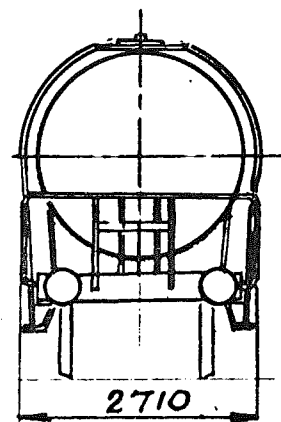
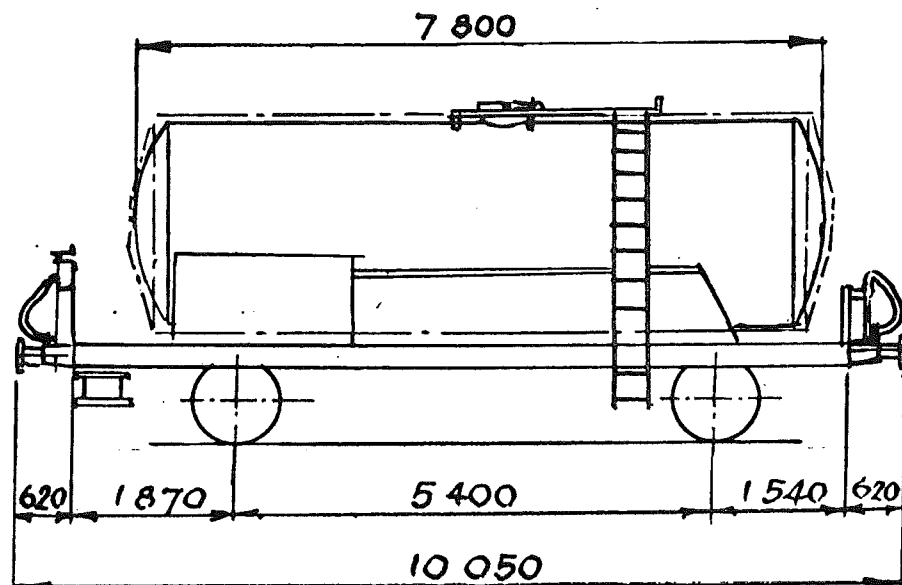
OWNERS - C.F.P.M. 36 RUE GUERSANT, 75017 PARIS.

TYPE - Uafhs QUANTITY - 3

VEHICLE NOS. - 21 87 079 & 023-025

BUILT BY - C.F.M.F. DIAGRAM 2-4-0-639-1.

TOPS CODE			
CARKND	AARKND	OPERATING	
		PANEL No.	
ICA	ICAD		



E499
REV.1

CAPACITY
300 HL. / 6600 GALLS.
TANK MAT:
STAINLESS STEEL
POWER BRAKE
AIR & VAC. THRO' PIPE
HAND BRAKE
PLATFORM SCREW AND
SIDE LEVER.

ADMINISTRATION - CFF

TYPE - Zfs.

VEHICLE NOS. ① 23 85 7390 500-529

② 23 85 7390 530-549

QUANTITY - 50

DIAGRAM NO 3-116267

① TARE - 12 000 kg.

	A	B	C
	20	24	28
S	20	24	28

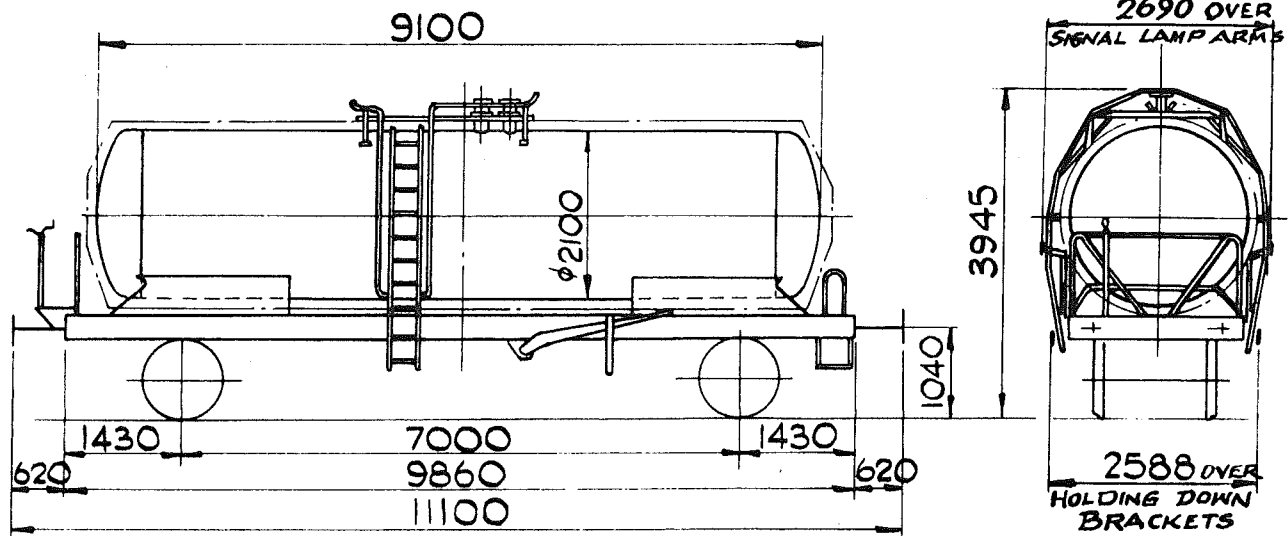
	T	H	M	L	E
T.	40	30	19	12	
V.B	0	0	0	0	0
A.B	28	28	12	12	
R.A	6	2	1	1	
M.S.	60	60	60	60	
E.L.		6			

② TARE - 13,200 kg.

	A	B	C
	18.8	22.8	26.8
S	18.8	22.8	26.8

	T	H	M	L	E
T.	40	30	20	13	
V.B	0	0	0	0	0
A.B	28	28	12	12	
R.A	6	2	1	1	
M.S.	60	60	60	60	
E.L.		6			

TOPS CODE			
CARKND	AARKND	OPERATING	
		PANEL No.	
1CB	1CB	C	



TANK WAGON - GERMAN-(D.B.) V.T.G.
 TYPE - Ufhs
 VEHICLE NOS - 21 80 078 5 229-238.
 QTY. - 10.

DRG. No - K.467.01.00.

TOPS CODE
 CARKND AARKND
 OPERATING
 PANEL NO.
 ICB ICB C

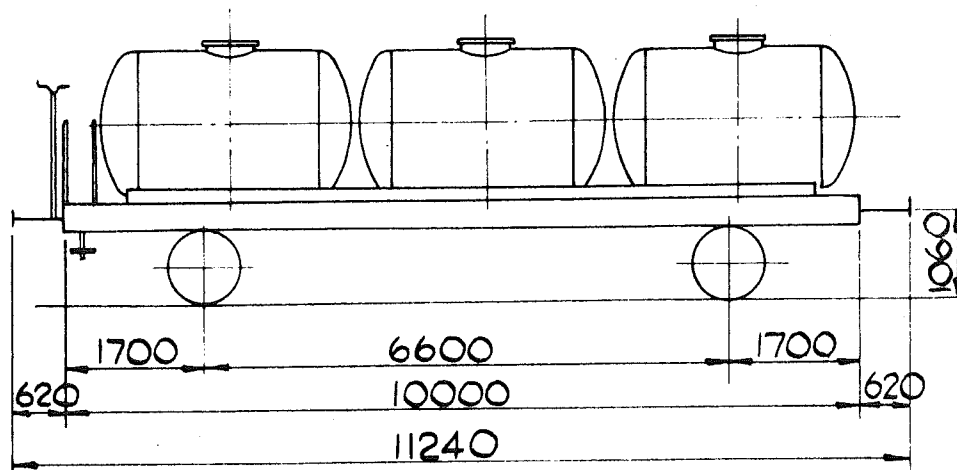
E.500
 REV.1

CAPACITY.- 300hl. 6599galls.
 TANK MATL.-
 POWER BRAKE.-
 AIR & VAC. THROUGH PIPE
 HANDBRAKE.-
 SCREW & HAND LEVER.
 TARE.- 13000 KG.
 LOAD.-

	A	B	C
	19t	23t	27t
S	19t	23t	27t

	H	M	L	E
TONS	40	30	20	13
V.B.	0	0	0	0
A.B.	21	21	9	9
R.A.	6	2	1	1
MAY SPEED	62	62	62	62
EXCESS LENGTH.				8

E 501.
REV



FLOOR AREA - ~
CU. CAPACITY - 225hl./4949g.
FLOOR - ~
POWER BRAKE - AIR &
VAC. THROUGH PIPE
HANDBRAKE - SCREW & LEVER
TARE - 11,500 kg.
LOAD -

A	B	C
20.5t	24.5t	28.5t
S 20.5t	24.5t	28.5t

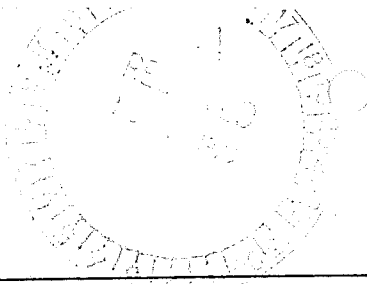
CONTAINER CARRYING WAGON - GERMAN - D.B.
TYPE - Lfs
VEHICLE NOS. 26 80 048 6 410 ~ 412.
QTY. - 3.

DIAGRAM N° - FRANZ HAMINSKI GMB HKG - W 1971.

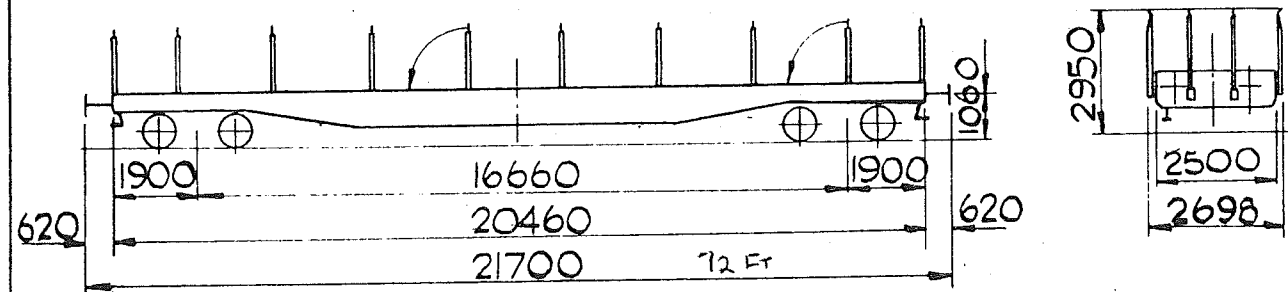
TOPS CODE	
CARKND	AARKND
1PB	1PBF

OPERATING
PANEL No.

	H	M	L	E
TONS	40	30	19	12
V.B.	0	0	0	0
A.B.	21	21	8	8
R.A.	6	2	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH			8	



E. 502.
REV.



FLOOR AREA.- 50 M³
 CU. CAPACITY -
 FLOOR.- TIMBER & BOLSTERS.
 POWER BRAKE - COMPRESSED
 AIR. VAC. THRU. PIPE.
 HANDBRAKE.- SCREW.
 TARE.- 24500 Kg.
 LOAD.-

	A	B	C
	39.5t	47.5t	55.5t
S	39.5t	47.5t	55.5t

BOGIE FLAT WAGONS - E.V.A. (D.B.)
 TYPE.- Sfs.
 VEHICLE NOS.- 26 80 049 8 000 - 049.
 QTY.- 50.

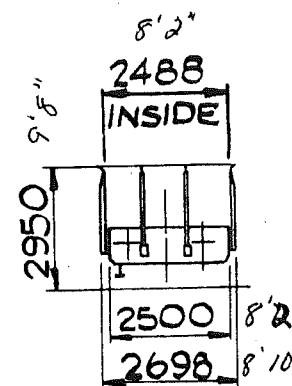
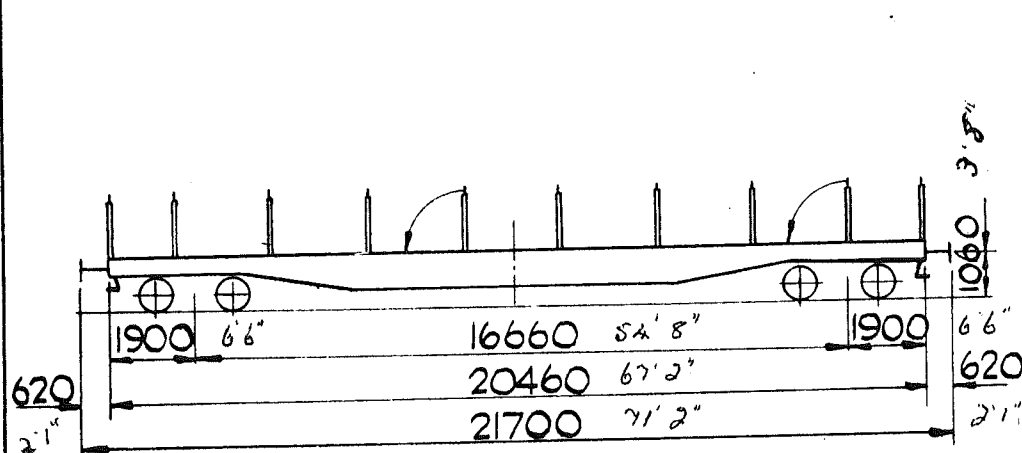
DIAGRAM No. - 9AZ 251.0029.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
IPB	IPBD	

	H	M	L	E
TONS	60	60	38	25
V.B.	0	0	0	0
A.B.	44	44	16	16
R.A.	6	2	1	1
MAY	62	62	62	62
EXCESS				
LENGTH			13	

Cargo wagon floor

E. 502.
REV. 1.



FLOOR AREA - 50 M³
CU. CAPACITY -
FLOOR - TIMBER & BOLSTERS.
POWER BRAKE - COMPRESSED
AIR. VAC. THRU. PIPE.
HANDBRAKE - SCREW.
TARE - 24500 Kg.
LOAD -

	A	B	C
39.5t	47.5t	55.5t	
39.5t	47.5t	55.5t	

BOGIE FLAT WAGONS - E.V.A. (D.B.)

TYPE - Sfs.

VEHICLE NOS. - 26 80 049 8 000 - 049.

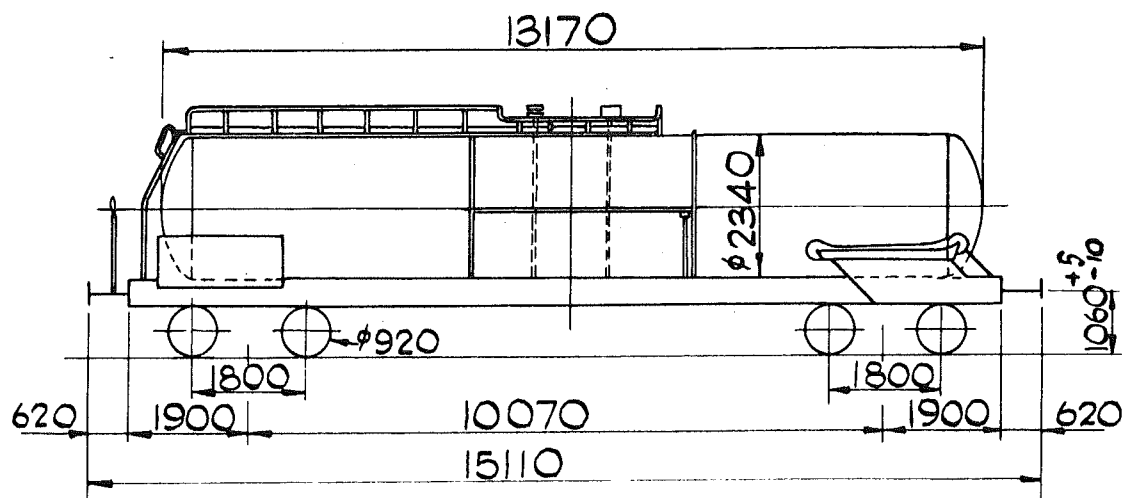
QTY. - 50.

DIAGRAM No. - 9AZ 251.0029.

TOPS CODE			
CARKND	AARKND	OPERATING	PANEL No.
1 P B	1 P B D		

	H	M	L	E
TONS	60	60	38	25
V.B.	0	0	0	0
A.B.	44	44	16	16
R.A.	6	2	1	1
MAX. WIND	62	62	62	62
EXCESS LENGTH				13

See also E512



TANK WAGONS - FRENCH - (SIMOTRA)

TYPE - Uahs.

VEHICLE N^{os}. - 21 87 079 8 026 & 027.

QTY. - 2.

DIAGRAM N^o. - C.F.M.F. 0.4.16.842.

TOPS CODE		
CARKND	AARKND	OPERATING
		PANEL No.
ICA	ICAD	

E 507

REV.

540 hl./11878 galls.

CAPACITY. - 54 M³.

TANK MATL. - MILD STEEL

POWER BRAKE. -

2 PIPE AIR

HANDBRAKE. -

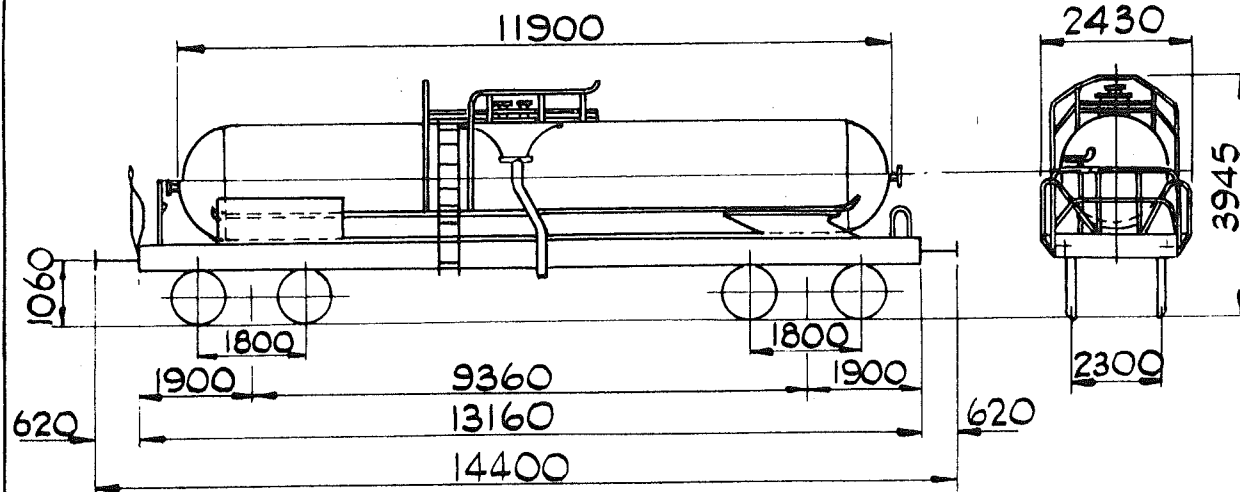
PLATFORM & SIDE SCREW

TARE. - 21,300 kg.

LOAD. -

	A	B	C
	42.7t	50.7t	58.7t
S	42.7t	50.7t	58.7t
120	0t.		

	H	M	L	E
TONS	80	58	36	21
V.B.	UNFITTED			
A.B.	36	36	14	14
R.A	6	3	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	4			



TANK WAGON - GERMAN.

TYPE - Uafhs.

VEHICLE NOS - 21 80 079 8 053-055.

QTY. - 3.

DIAGRAM No. - 1 12 080. 0. 01. LINKE-HOFMANN-BUSCH

E508.

REV.

CAPACITY - 270 hl

TANK MATL. - MILD STEEL.

POWER BRAKE - AIR BRAKE
& VACUUM THRO' PIPE.

HANDBRAKE -

TARE - 25 700 Kg.

LOAD. -

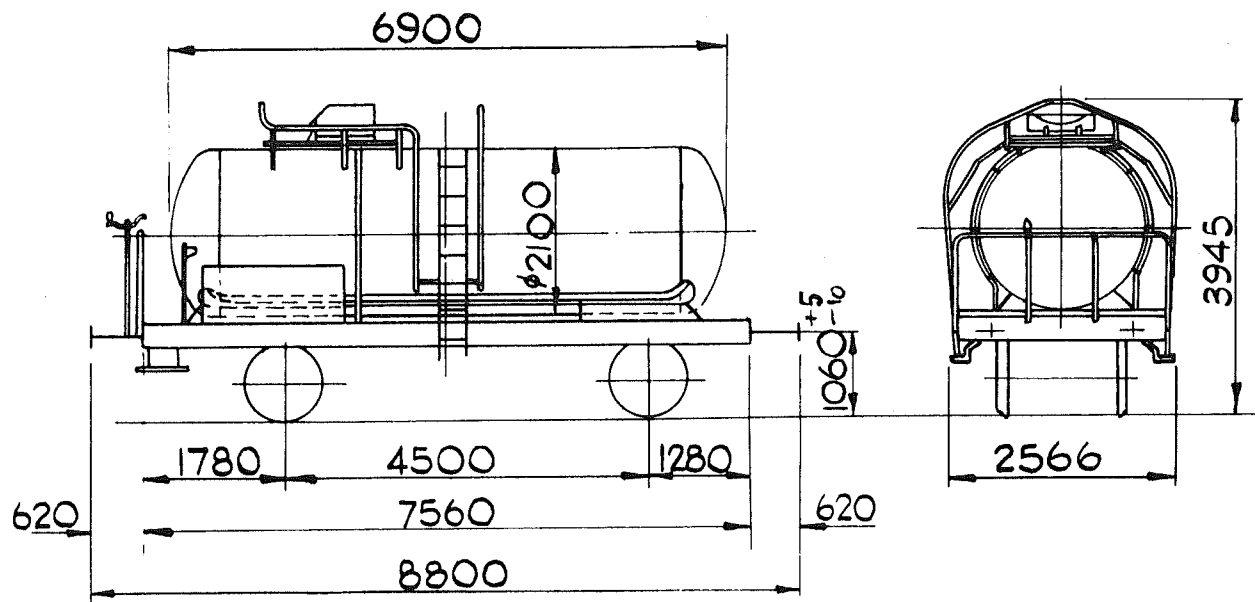
	A	B	C
	38.3t	46.3t	54.3t
S	38.3t	46.3t	54.3t

	H	M	L	E
TONS	80	60	40	28
V.B.	0	0	0	0
A.B.	43	43	18	18
R.A.	6	3	1	1
MAY SPEED	62	62	62	62
EXCESS LENGTH	3			

TOPS CODE

CARKND AARKND

ICB ICB D



E.509.
REV.1

CAPACITY. - 4839g./220hl.
TANK MATL. - MILD STEEL
POWER BRAKE - AIR BRAKE
& VACUUM THROUGH PIPE.
HANDBRAKE - HAND LEVER
& PLATFORM SCREW.
TARE - 12300 kg.
LOAD. -

	A	B	C
	19.7t	23.7t	27.7t
S	19.7t	23.7t	27.7t

TANK WAGONS - D.B. V.T.G.

TYPE. - Ufh.

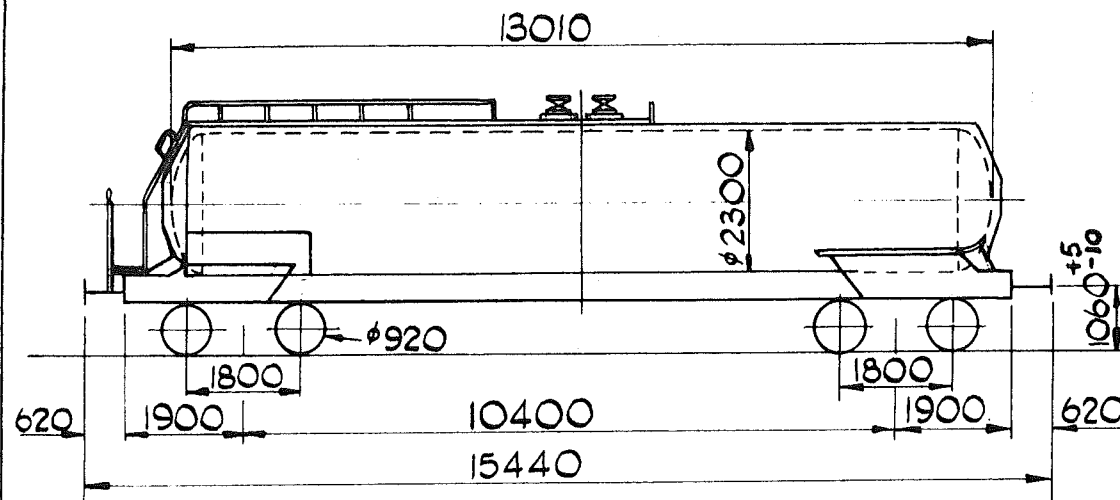
VEHICLE N^{os}. - 21 80 078 5 064 - 073

QTY. - 10.

DIAGRAM N^o. - LINKE-HOFMANN-BUSCH. 1.52.333.O.OI.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
1 C B	1 C B C	

	H	M	L	E
TONS	40	30	20	13
V.B.	0	0	0	0
A.B.	21	21	8	8
R.A.	6	2	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH				4



TANK WAGONS - FRENCH - (SIMOTRA)
TYPE - Uafhs
VEHICLE NOS - 21 87 079 8 028 - 035
QTY. - 8

DIAGRAM No. - C.F.M.F. 2.4.O.937.

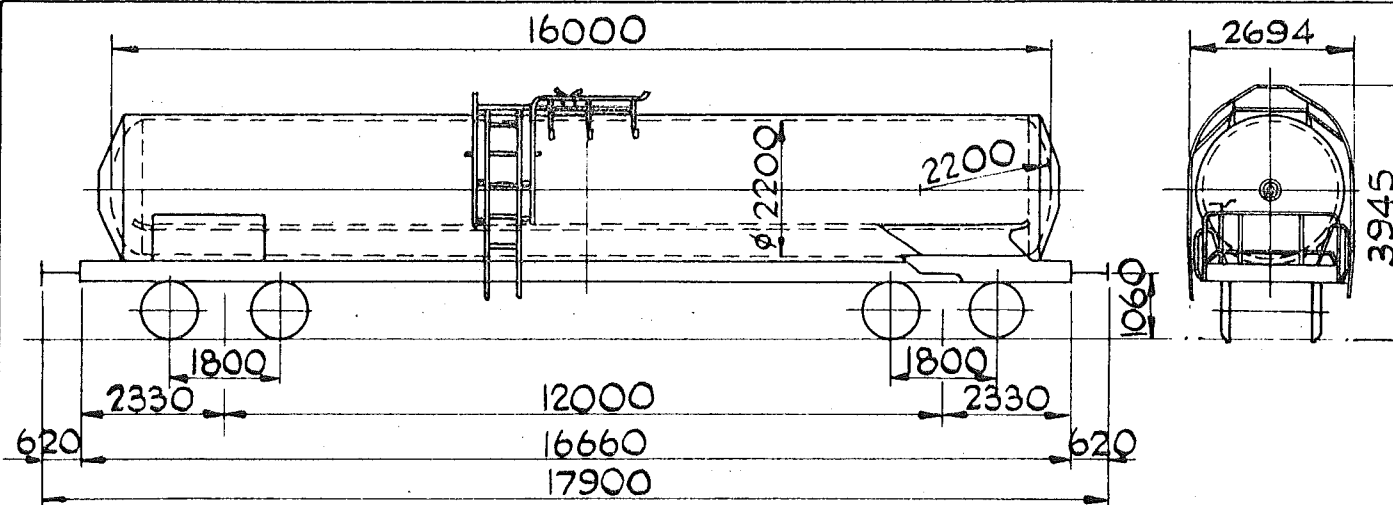
E. 510
REV.

CAPACITY - 520 hl / 11,450 g.
TANK MATL - STAINLESS STEEL
POWER BRAKE -
2 PIPE AIR.
HANDBRAKE - PLATFORM
& SIDE SCREW.
TARE - 21,500 kg.
LOAD -

	A	B	C
	42.5t	50.5t	58.5t
S	42.5t	50.5t	58.5t
120	0t.		

	H	M	L	E
TONS	80	58	36	22
V.B.	UNFITTED			
A.B.	36	36	14	14
R.A.	6	3	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	5			

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
1CA	1CAD	



E. 511.
REV.

CU. CAP. - 590 hl. 12,980 galls
TANK MATL. - S. STEEL
POWER BRAKE -
AIR & VAC. THRO' PIPE
HANDBRAKE -
SIDE SCREW.
TARE - 23 700 kgs.
LOAD -

	A	B	C
	40,3t	48,3t	56,3t
S	40,3t	48,3t	56,3t

TANK. WAGONS - D.B.

TYPE - Uafhs.

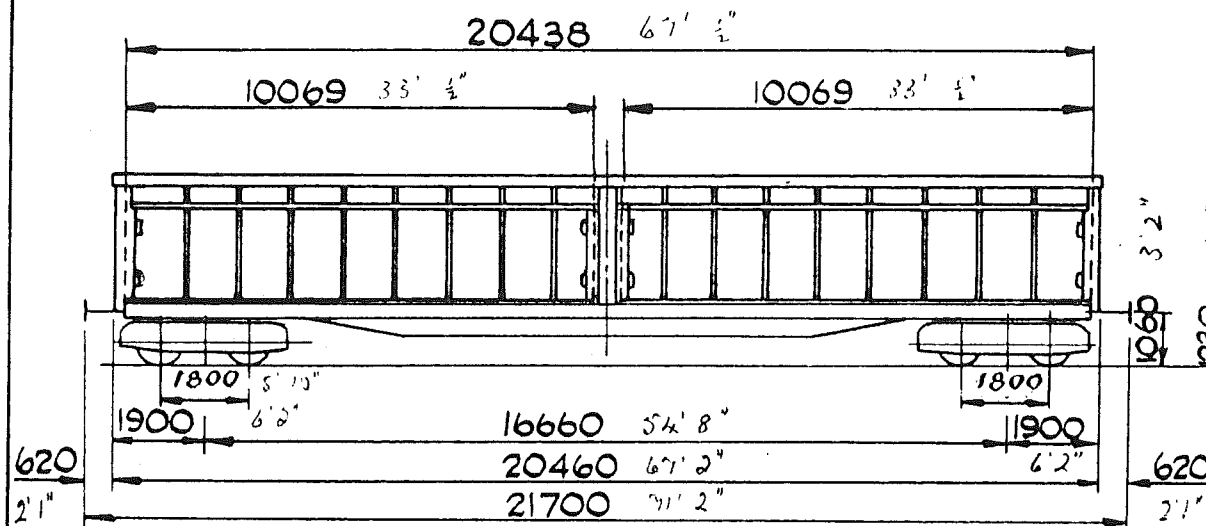
VEHICLE N^{os} - 21 80 079 8 056 - 065

QTY. - 10.

DIAGRAM N^o - 7 12 081. 0.01.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
1 C B	1 C B D	

	H	M	L	E
TONS	80	59	38	24
V.B.	0	0	0	0
A.B.	44	44	17	17
R.A.	6	3	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	8			



SIMILAR TO E476

E512.

REV. 2

FLOOR AREA - 534.54 ft² / 49.66 m²
 CU. CAP. - 4029 ft³ / 114 m³

FLOOR -
 POWER BRAKE - AIR &
 VAC. THRO' PIPE
 HANDBRAKE - SCREW.
 TARE - 26 000 kg.
 LOAD -

	A	B	C
	38	46	54
5	38	46	54

COVERED BOGIE WAGON - D.B. - E.V.A. LTD.

TYPE - Habfis.

VEHICLE No. 26 80 029 8 080 - 133.

QTY. - 104. 83 80 279 7 650 - 699

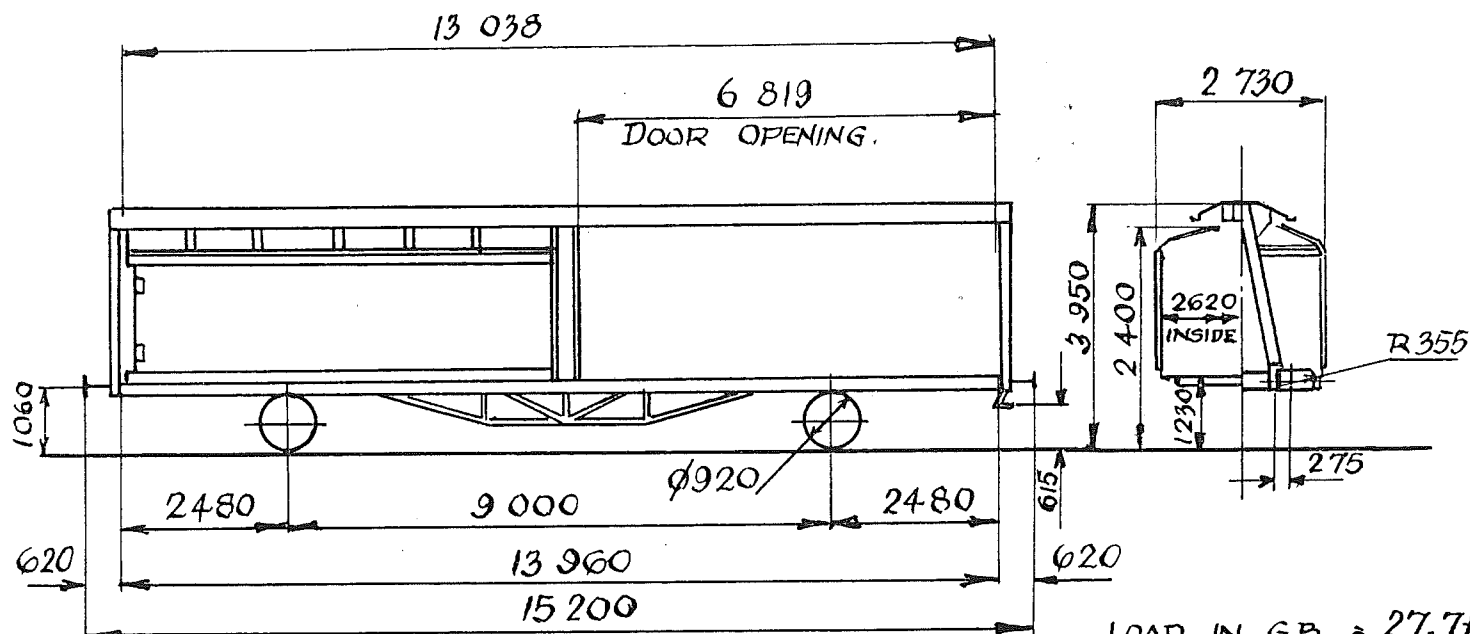
MINIMUM CURVE RADIUS = 35 M. (115 ft.)

DIAGRAM No. A 2094. OI. I.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
1 P B	1 P B B	

	H	M	L	E
TONNES	80	60	40	26
V.B.	0	0	0	0
A.B.	43	43	19	19
R.A.	6	3	1	1
W.C.	62	62	62	62
LENGTH			13	

also E 502



SPECIAL COVERED WAGON - GERMAN.

* TYPE - Hbfis

VEHICLE NOS - 43 80 2396 000 - 199

DRG. NO - A 2100.01.002.

LOAD IN G.B. = 27.7t.

R = 35 M.

TOPS CODE

CARKND AARKND

IPA I PAL

OPERATING
MODEL NO.

E.514

REV.

FLOOR AREA ~ 36.52 M.²

CUBIC CAPACITY ~ 86 M.³

FLOOR - WOOD

POWER BRAKE -

AIR BRAKE

HANDBRAKE -

SIDE SCREW

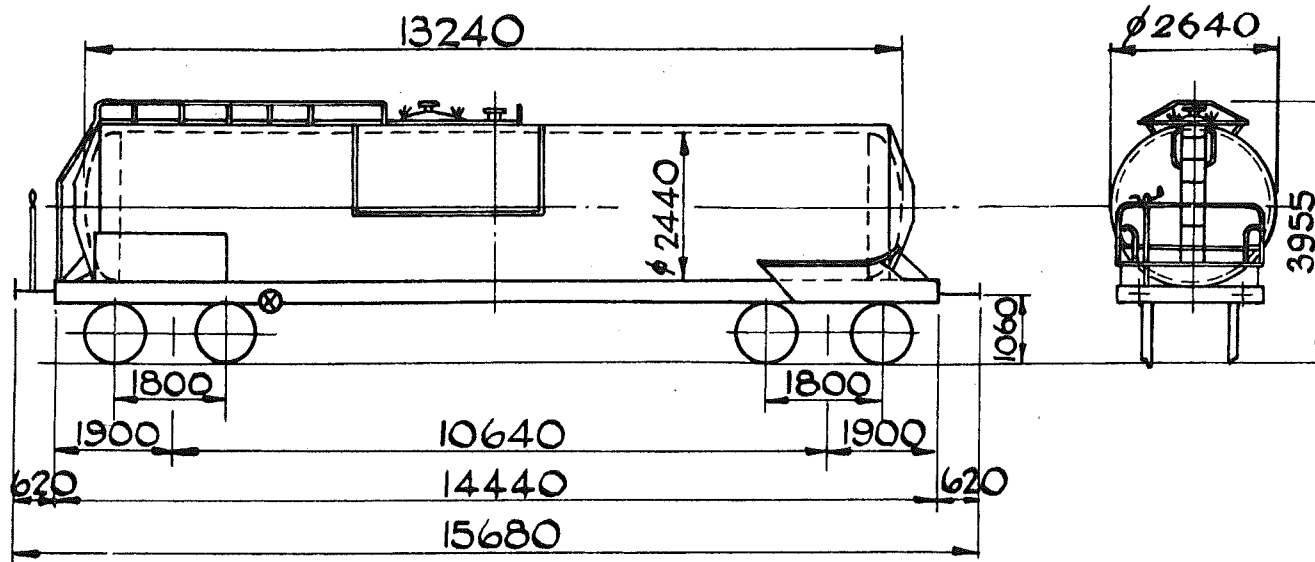
TARE - 16.3t.

	A	B	C
	15.7	19.7	23.7
S	15.7	19.7	23.7
SS			

	H	M	L	E
TONS	44	34	24	17
V.B.	UNFITTED			
A.B.	21	21	10	10
R.A.	8	4	1	1
M.S.	60	60	60	60
E.L.			15	

QTY. 200

E 516
REV.



CAPACITY - 60m³.
TANK MATL.-
POWER BRAKE - AIR BRAKE
& VACUUM THRO' PIPE.
HANDBRAKE - PLATFORM &
SIDE SCREW.
TARE - 21.2t.
LOAD -

	A	B	C
	42.8t	50.8t	58.8t
S	42.8t	50.8t	58.8t
120km/h.	00.0t.		

BOGIE TANK WAGON - SIMOTRA - S.N.C.F.

TYPE - Zacefs.

VEHICLE NOS. - 33 87 7996 030 - 038 - SIMOTRA.
039 - SOC. LOCATRANSPORT.

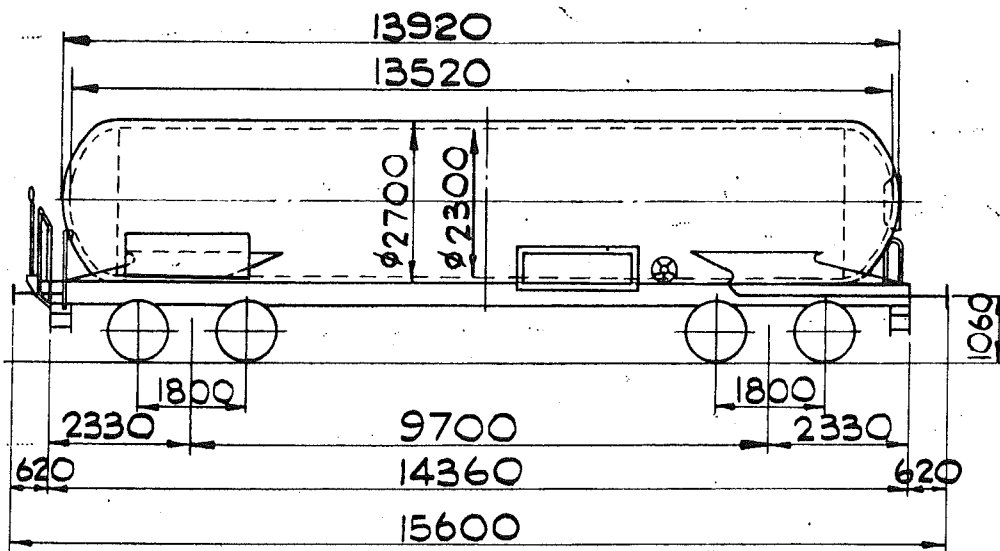
QTY. - 10.

R = 30.7m.

	H	M	L	E
TONS.	80	58	36	21
V.B.	0	0	0	0
A.B.	40	40	14	14
R.A.	6	3	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH.	5.			

DIAG. No. - C.F.M.F. 2.4.O.-1003 B.

TOPS CODE
CARKNDIAARKND
OPERATING
PANEL No.
ICB ICB D



E.517
REV.

CAPACITY. - 532hl/11700g
TANK MATL. - FINE GRAIN STEEL TT STE 47
POWER BRAKE. - AIR BRAKE
& VACUUM THRO! PIPE.
HANDBRAKE. -
SCREW.
TARE - 26.8 t
LOAD-

	A	B	C
	37.2t	45.2t	53.2t
S	37.2t	45.2t	53.2t

TANK WAGON. D.B. E.V.A.

TYPE - Zacfs

VEHICLE N^{os} - 33 80 789 5 400 & 401.

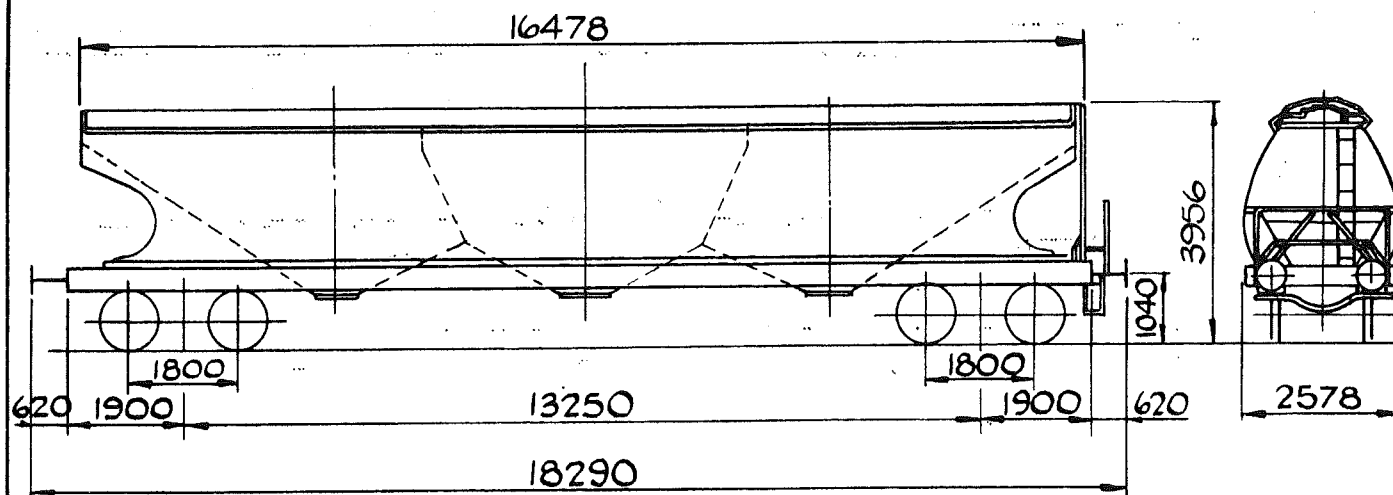
QTY. - 2.

MIN. RADIUS - 35m.

DIA. N^o - STAHLWERKE BRUNINGHAUS GMBH. 220.01.00a.

TOPS CODE
CARKND AARKND
OPERATING
PANEL No.
ICB ICB D

	H	M	L	E
TONS	80	60	40	27
V.B.	0	0	0	0
A.B.	43	43	19	19
R.A.	6	3	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH	5			



E. 518.
REV.

CU. CAPACITY - 92 m³.
POWER BRAKE -
COMPRESSED AIR &
VACUUM THRO' PIPE.
HANDBRAKE - SCREW.
TARE - 23 000 kg.
LOAD -

	A	B	C
	41t	49t	57t
S	41t	49t	57t

BOGIE CEREAL WAGON. - T.S.L.

TYPE - Ufgoos.

VEHICLE N^{os}. - 33 70 938 5 000 TO 029.

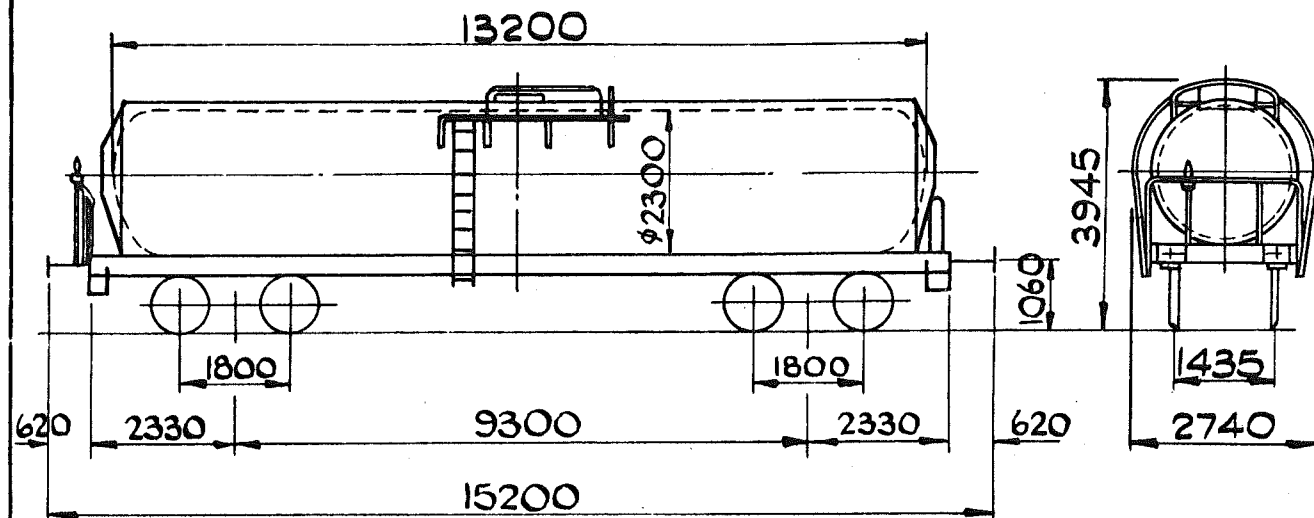
QTY. - 30.

DIAGRAM N^o. - S.N.A.V. 58 00 124 987.

TOPS CODE
CAP AND PAIR OF
P I B P I B

	H	M	L	E
TONS	80	59	37	23
V.B.	0	0	0	0
A.B.	41	41	17	17
R.A.	6	3	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH.	9			

E.519.
REV.1



CU. CAPACITY. - 52 m³.
TANK MATL. - S. STEEL.
POWER BRAKE. - AIR BRAKE
& VACUUM THRU. PIPE.
HANDBRAKE. - SCREW.
TARE. - 31 st.
LOAD. -

TANK WAGON. - E.V.A.

TYPE. -

VEHICLE NOS. - 33 80 799 8 000 - 004.

QTY. - 5.

	A	B	C
	32.st	40.st	48.st
S	32.st	40.st	48.st

	H	M	L	E
TONS	80	62	44	31
V.B.	0	0	0	0
A.B.	42	42	22	22
R.A.	6	4	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	4.			

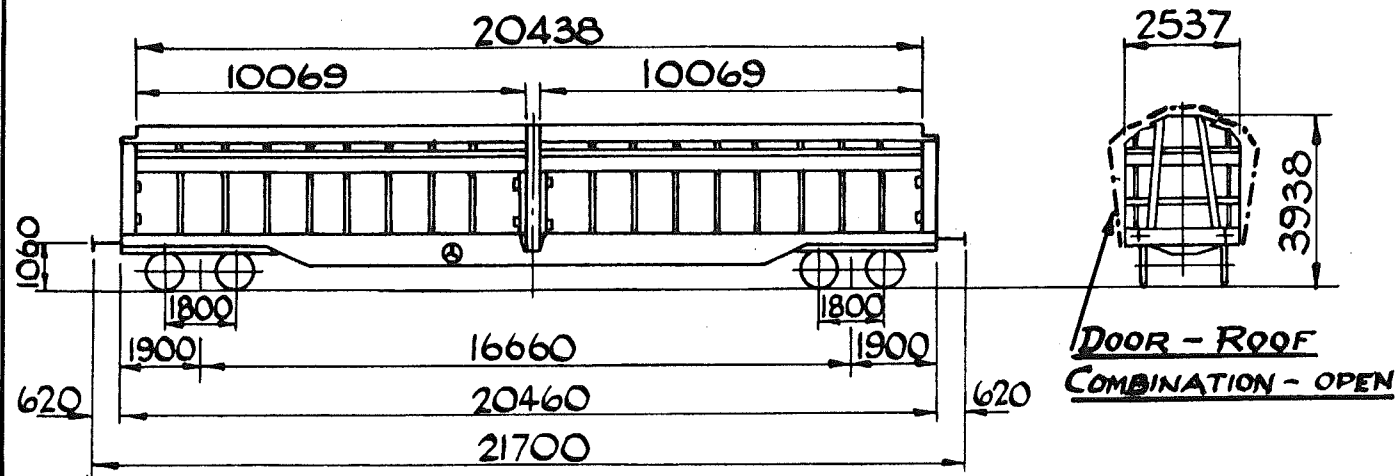
TOPS CODE

CARKND	AARKND	OPERATING
ICB	ICBD	PANEL No

DIAGRAM No. - 225.01.00b.

E 521.

REV.

FLOOR AREA - 49.66 M².CU. CAPACITY - 114.02 M³

POWER BRAKE -

AIR BRAKE & VACUUM

THRO' PIPE

HANDBRAKE - SCREW.

TARE - 27t.

LOAD -

	A	B	C
	37t	45t	53t
S	37t	45t	53t

4 AXLE ALL DOOR WAGON. - D.B. - E.V.A.

TYPE - Sfis.

VEHICLE NOS. - 83 80 474 3 000.

QTY. - 1.

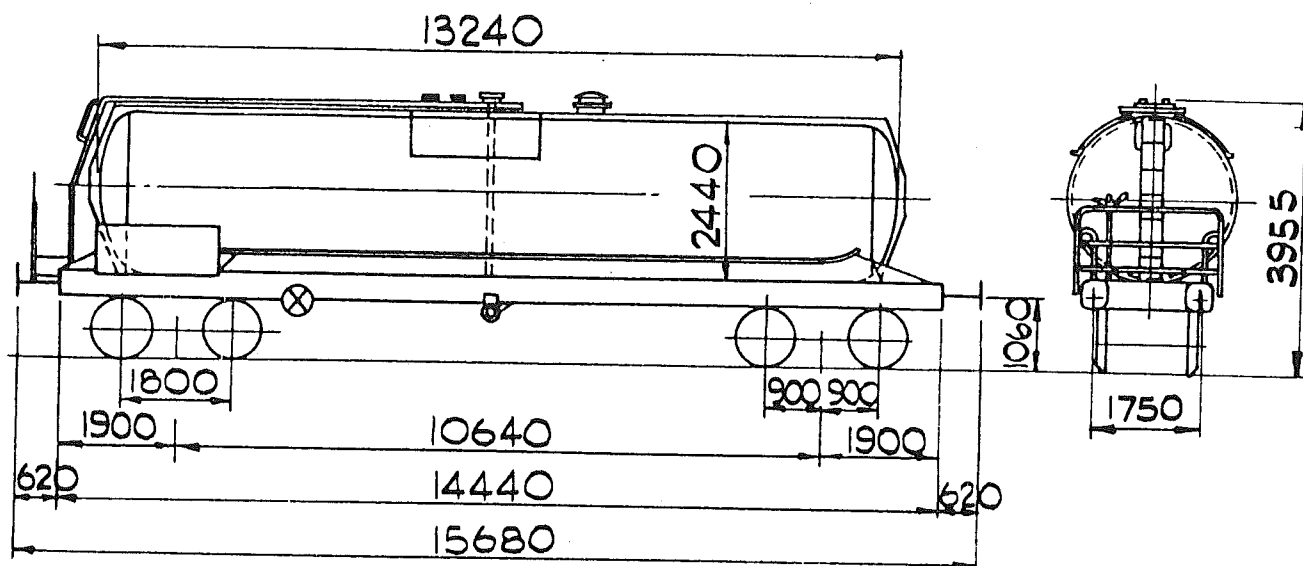
R. = 35M.

TOPS CODE	
CARKND	ARKND
1PB	1PBB

	H	L	M	E
TONS	80	60	40	27
V.B.	0	0	0	0
A.B.	43	43	17	17
R.A.	6	3	1	1
MAY SPEED	62	62	62	62
EXCESS LENGTH.	13.			

G.A. DRG. No. - A.2094. 01.3.

E 522.
REV. I.



CAPACITY. - 600 hl.
TANK MATL. - STAINLESS STEEL
POWER BRAKE - AIR BRAKE
& VACUUM THRO' PIPE.
HANDBRAKE - PLATFORM
& SCREW.
TARE - 22.3t.
LOAD. -

	A	B	C
	41.7t	49.7t	57.7t
S	41.7t	49.7t	57.7t
120 km/h	00.0t		

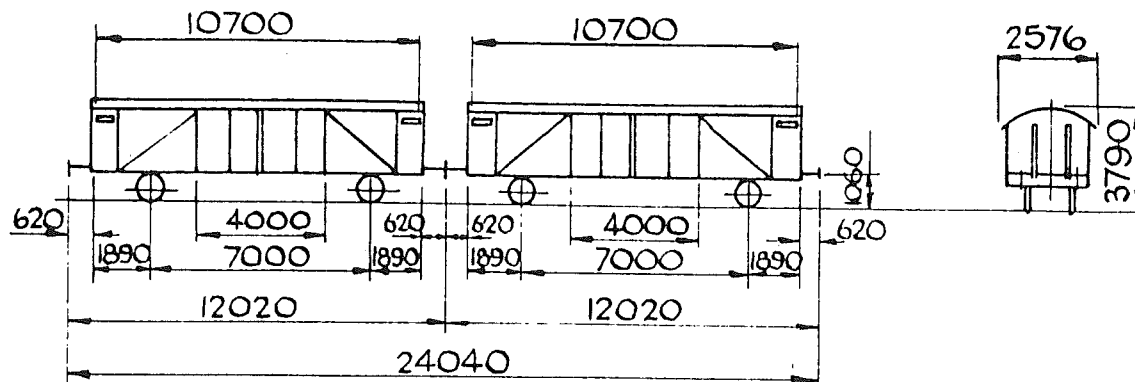
TANK WAGON. - S.N.C.F.
TYPE. - Zacefs.
VEHICLE N^{os}. - 33 87 799 6 015 TO 029.
QTY. - 15.

G.A. DRG. N^o. - C.F.M.F. 2.4.0.991A.

	H	L	M	E
TONS	80	58	37	22
V.B.	0	0	0	0
A.B.	38	38	16	16
R.A.	6	3	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH	5			

1 C B 1 C B D 8228

E 523.
REV.



FLOOR AREA - 58 sq. yds.
CU. CAPACITY - 100 m³.
POWER BRAKE - AIR BRAKE &
VACUUM THRO' PIPE.
HANDBRAKE - HANDLEVER.
TARE - 27320 kg.
LOAD. -

	A	B	C
	36.5t	44.5t	44.5t
S	36.5t	44.5t	

COVERED WAGON - AUSTRIAN - OBB.

TYPE - Hacıfikkis.

VEHICLE NOS. - 43 81 2 690 000 - 007, 43 81 2 690 100 - 107.

NOTE -

THESE WAGONS ARE PERMANENTLY
COUPLED & TO RUN PAIRED.

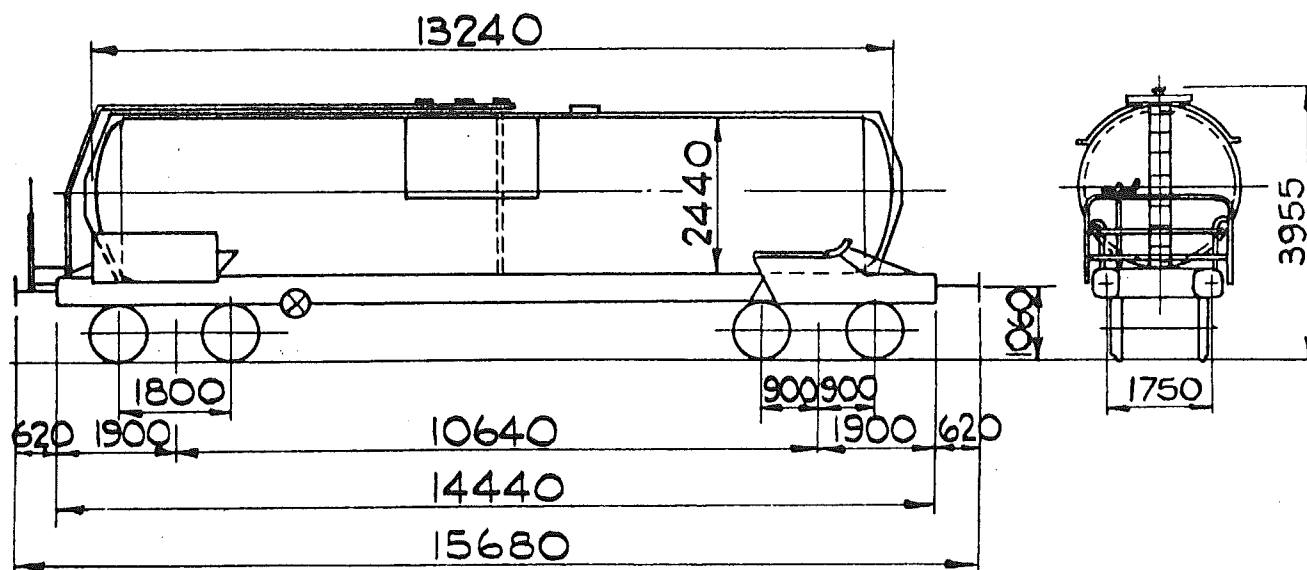
GA. DRG No. - Nr. A-5444.

EX. DIAGRAM E034 & E604.

I P B I P B T

	H	M	L	E
TONS	72	55	39	28
V.B.	0	0	0	0
A.B.	28	28	12	12
R.A.	5	2	1	1
MAX. SPEED	60	60	60	60
EXCESS LENGTH	18			

E524
REV. I.



CAPACITY - 600 hl.
TANK MATL. - STAINLESS STEEL
POWER BRAKE - AIR BRAKE
& VACUUM THRO' PIPE
HANDBRAKE - PLATFORM
& SCREW.
TARE - 22.1 t.
LOAD -

	A	B	C
	41.9t	49.9t	57.9t
S	41.9t	49.9t	57.9t
120km/h		00.0t	

TANK WAGON. D.B.

TYPE - Zacefs.

VEHICLE N^{os}. 33 80 799 5 500 TO 515

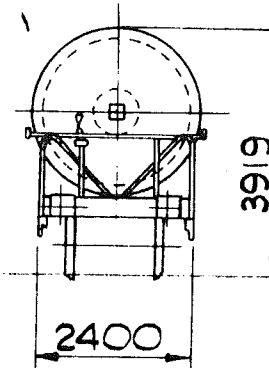
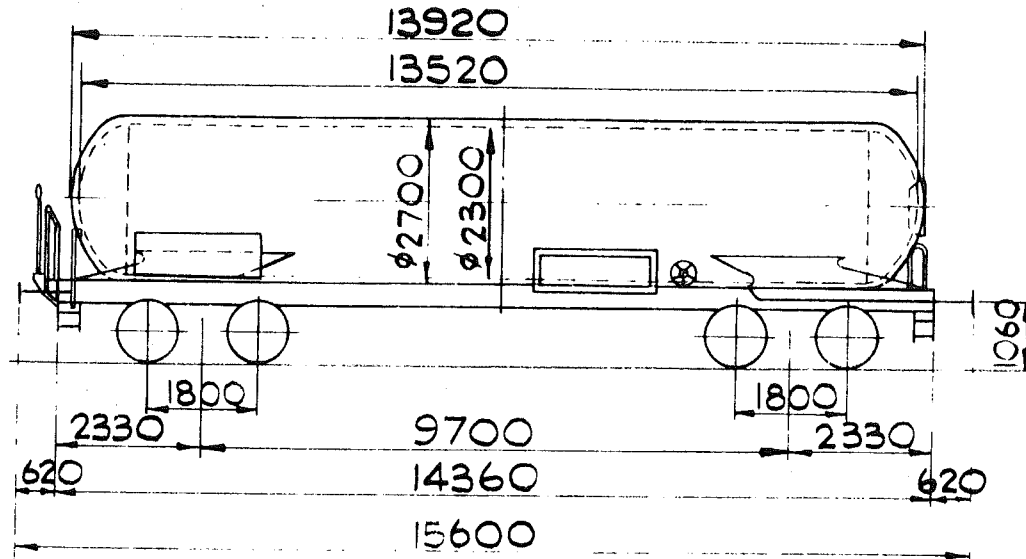
QTY. - 16.

G.A. DRG. N^o. - C.F.M.F. 2.4.O.967 A.

TOPS CODE
CARRIAGE & WAGON
TCB 1 C B D 8790

	H	L	M	E
TONS	80	58	37	22
V.B.	0	0	0	0
A.B.	44	44	15	15
R.A.	6	6	1	1
MAY	62	62	62	62
EXCESS				
LENGTH				5

E.527
REV.



CAPACITY. - 532 hl / 11700 g
TANK MATL. - FINE GRAIN STEEL TT STE 47
POWER BRAKE. - AIR BRAKE
& VACUUM THRO' PIPE
HANDBRAKE. -
SCREW.
TARE - 27.3 t.
LOAD -

	A	B	C
	36.7t	44.7t	52.7t
S	36.7t	44.7t	52.7t

TANK WAGON. D.B. E.V.A.
TYPE - Zafgs.
VEHICLE Nos - 33 80 7891 002, 003
QTY. - 2.

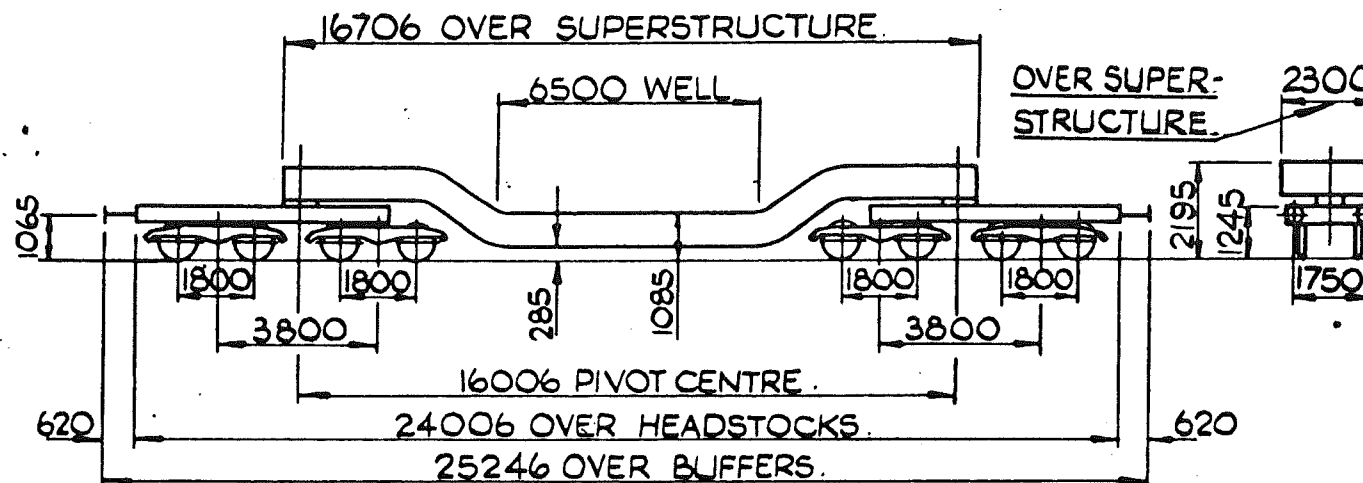
MIN. RADIUS - 35 m.

	H	M	L	E
TONS	80	61	41	27
V.B.	0	0	0	0
A.B.	43	43	20	20
R.A.	6	4	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH	5			

DIA. No. - STAHLWERKE BRUNINGHAUS GMBH. 220 01.00a

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
ICB	ICBD	

E529



FLOOR AREA -

CU. CAP. -

FLOOR - FLASK TRANSPORT
FRAME.

POWER BRAKE -

AIR BLOCK BRAKE.

HANDBRAKE -

HAND SCREW:

TARE - 60,000 kg.

LOAD -

ATOMIC FLASK CARRYING WAGON. REGISTERING ADMIN.-B.R.

OWNERS - BRITISH NUCLEAR FUELS LTD.

TYPE - Uaafiss

VEHICLE NOS - 33 70 99 86 006 TO 008.

QTY. - 3

MIN. CURVE.

40M - CLOSE COUPLED.

20M - PROPELLED SINGLY.

G.A. DRG. N^o - ONF. 182443

THESE VEHICLES CAN

ONLY TRAVEL WITH A

RUNNER WAGON AT EACH END.

	A	B	C
	61t	84t	100t
S	61t	84t	
SS		61t	

TOPS CODE		
CARKND	AARKND	OPERATING
P1A	P1A	PANEL No.

H M I L E			
10	11	12	13
14	15	16	17
18	19	20	21
22	23	24	25
26	27	28	29
30	31	32	33
34	35	36	37
38	39	40	41
42	43	44	45
46	47	48	49
50	51	52	53
54	55	56	57
58	59	60	61
62	63	64	65
66	67	68	69
70	71	72	73
74	75	76	77
78	79	80	81
82	83	84	85
86	87	88	89
90	91	92	93
94	95	96	97
98	99	100	101

E 530.

REV.

CAPACITY - 590 hl./12978 g

TANK - STAINLESS STEEL

POWER BRAKE - AIR
AND VACUUM

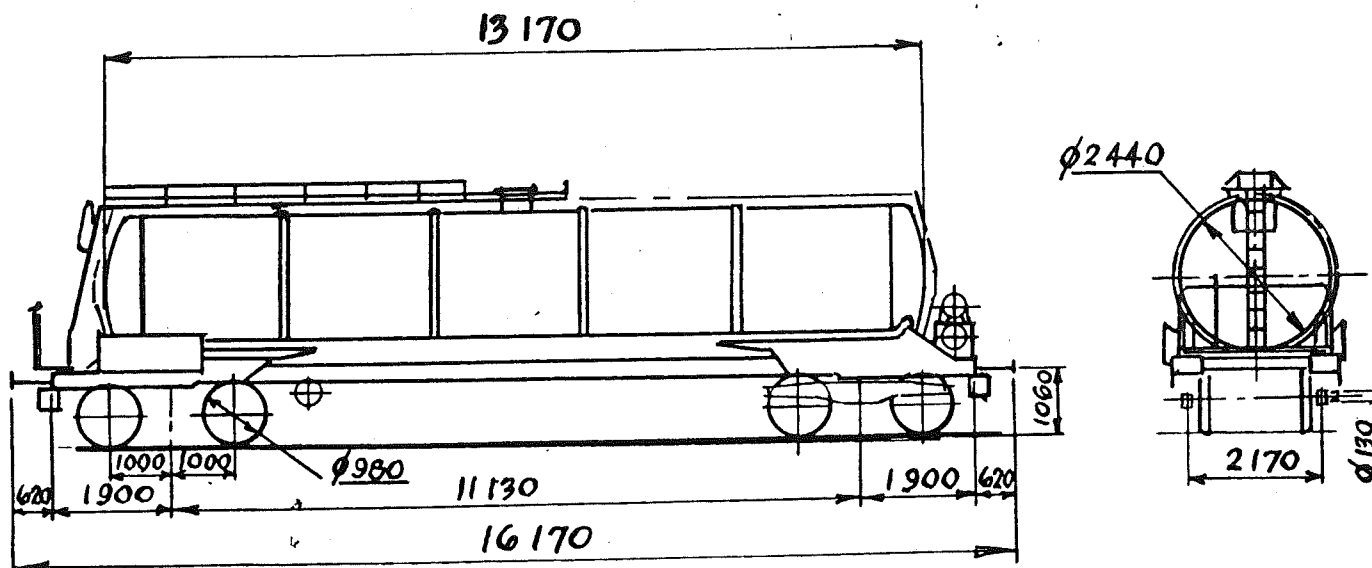
HANDBRAKE - PLATFORM
AND SIDE SCREW.

TARE - 21.2t.

LOAD -

	A	B	C
	42.8	50.8	58.8
S	42.8	50.8	58.8
SS	00.0		

	H	M	L	E
TONS	80	58	36	21
V.B.	44	44	21	21
A.B.	41	41	16	16
R.A.	6	3	1	1
M.S.	60	60	60	60
E.L.	6			



TANK WAGON - FRENCH

TYPE - Zaeys

VEHICLE N° - 34 87 7899 000-002

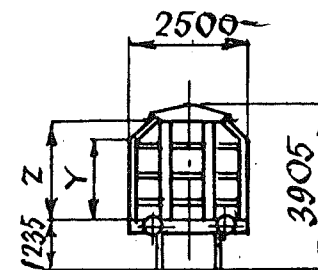
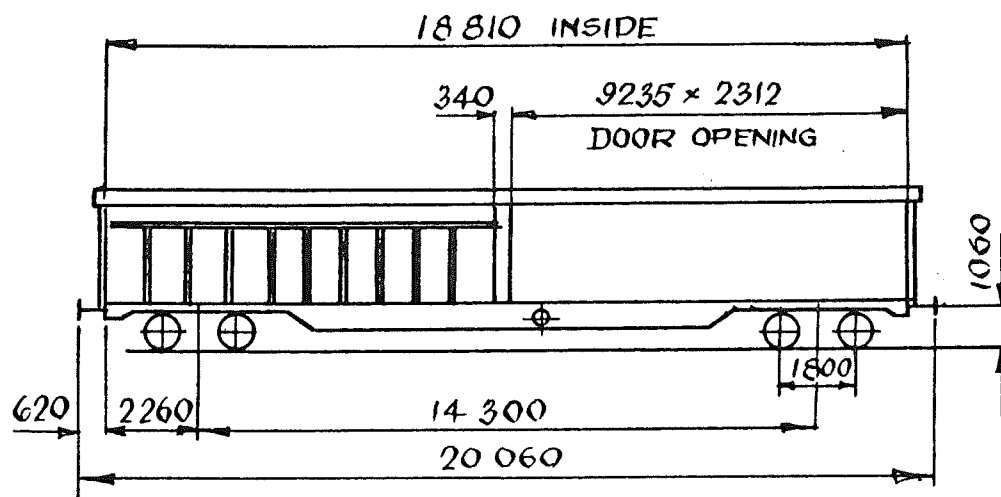
OWNER - R. ARMSTRONG LTD

DRG. N° - CFMF 1-4-0-1075

R = 45m.

TOPS CODE			
CARKND	AARKND	OPERATING	
		PANEL No.	
1 C X	1 C X D		

QTY. ~ 3



E 531

REV.

FLOOR AREA ~ 47M.²

CUBIC CAPACITY { Y=89M.³
Z=106M.³

FLOOR ~ WOOD.

POWER BRAKE ~ AIR
AND VAC. THRO' PIPE

HAND BRAKE - SIDE SCREW.

TARE ~ 26 t. (AVE.)

LOAD.

	A	B	C
	38	46	54
8	38	46	54
55	0.00		

SPECIAL COVERED VAN ~ ITALIAN.

TYPE ~ Habfis.

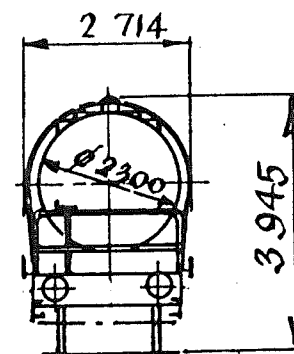
VEHICLE N° ~ 23 83 2797 000 - 199

DRG N° 99807

QTY. ~ 200

TOPS CODE		
CARKND	AARKND	OPERATING PANEL No.
IPB	IPBB	

	H	M	L	E
TONS	80	60	40	26
V.B.	0	0	0	0
A.B.	40	40	16	16
R.A.	6	3	1	1
M.S.	60	60	60	60
E.L.	12			



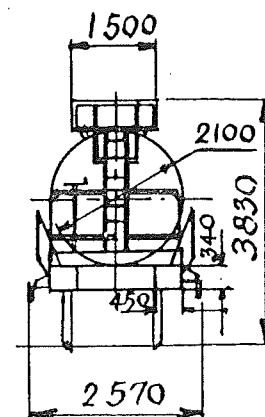
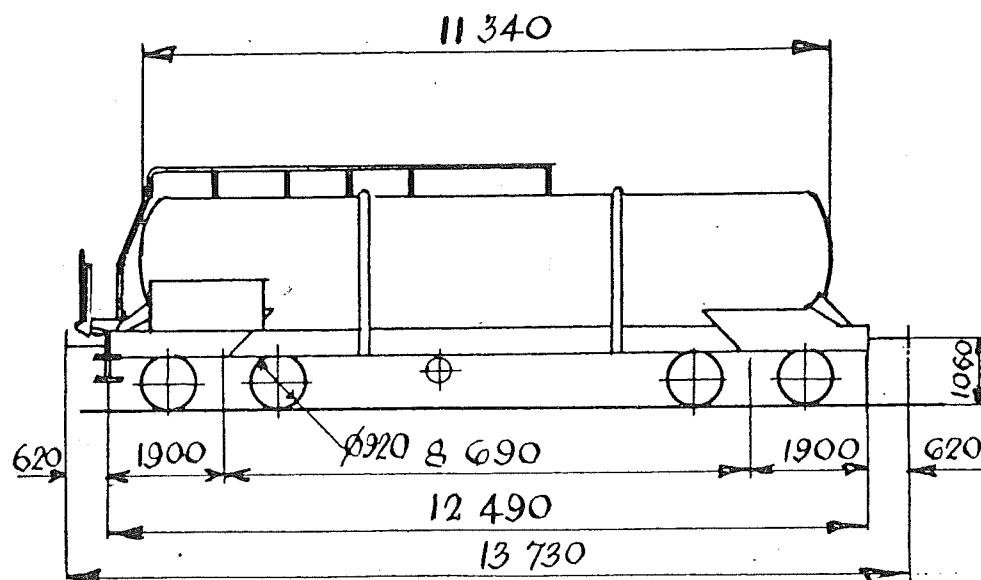
TOPS CODE				OPERATING	
CARKND		AARKND		PANEL No	
I	C	B	I	C	B

QTY.-6

	H	M	L	E
TONG	80	59	38	24
V.B	0	0	0	0
A.B	45	45	14	14
R.A.	6	3	1	1
M.S.	60	60	60	60
E.L.		7		

E 533

REV.



CAPACITY ~ 370hl./8139 g.

TANK ~ MILD STEEL

POWER BRAKE ~

COMPRESSED AIR

HAND BRAKE ~ PLATFORM

AND SIDE SCREW

TARE ~ 19.9t.

LOAD

	A	B	C
44.1	48.5	60.1	
SS	44.1	48.5	60.1
	00.0		

R = 35m.

TANK WAGON ~ S.N.C.F.

VEHICLE NOS. ~ 33 87 7896 008 - 011

TYPE ~ Zacfs.

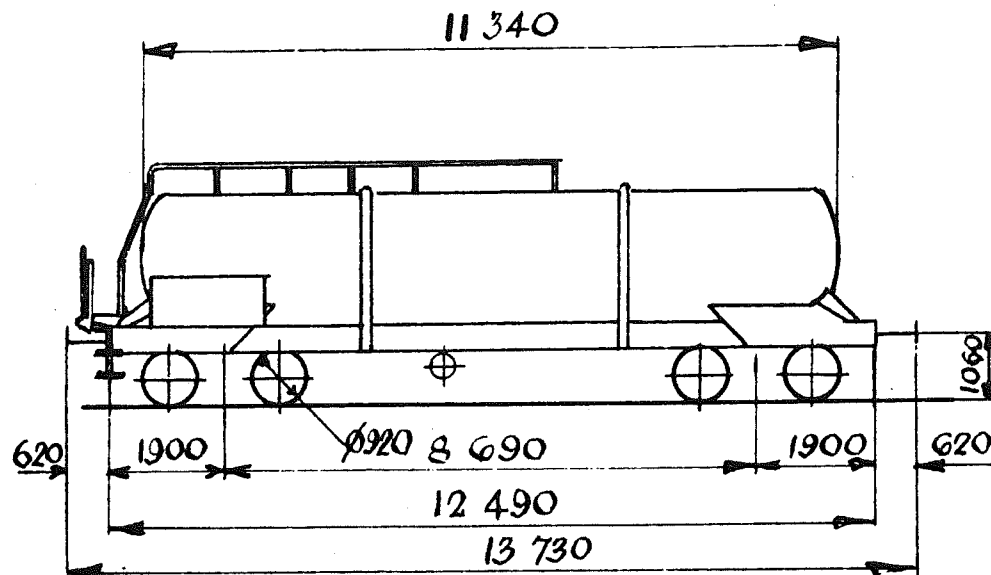
SIMOTRA DRG. 3315.

TOPS CODE		
CARKND	AARKND	OPERATING
ICA	ICAD	PANEL No.

	H	M	L	E
TONS	80	57	35	20
V.B.	UNFITTED			
AB	36	36	14	14
RA	6	3	1	1
M.S.	60	60	60	60
E.L.	2			

QTY. 4

E 533
REV. 1

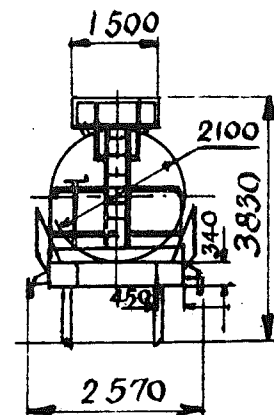


TANK WAGON ~ S.N.C.F.

VEHICLE NOS. ~ 33 87 7896 008 - 011

TYPE - Zacfs.

SIMOTRA DRG. 3315.



LOAD

R = 35m.

CAPACITY ~ 370hl./8139g.

TANK ~ MILD STEEL

POWER BRAKE -

COMPRESSED AIR

HAND BRAKE - PLATFORM

AND SIDE SCREW

TARE ~ 19.9t.

	AA	BB	B2	C
	44,3	49,9	52,3	60,3
S	44,3	49,9	52,3	60,3
SS		00,0		

TOPS CODE	
CAREND	ARKND
ICA	ICAD

	HIM	L	E
TONS	80	57	35
V.B.	UNFIT	TED	20
AB	36	36	14
RA	6	3	1
M.S	60	60	60
E.L.		2	

QTY. 4

E 534

REV.

CAPACITY ~ 700hl/15398g

TANK ~ MILD STEEL

POWER BRAKE ~ AIR

& VACUUM THRO' PIPE

HANDBRAKE ~ PLATFORM

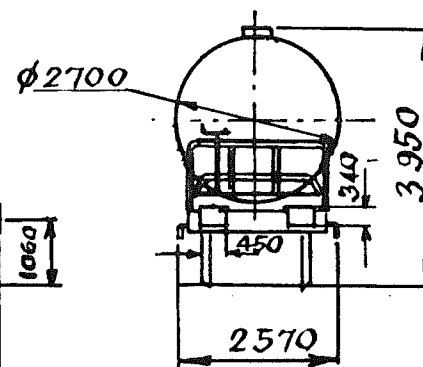
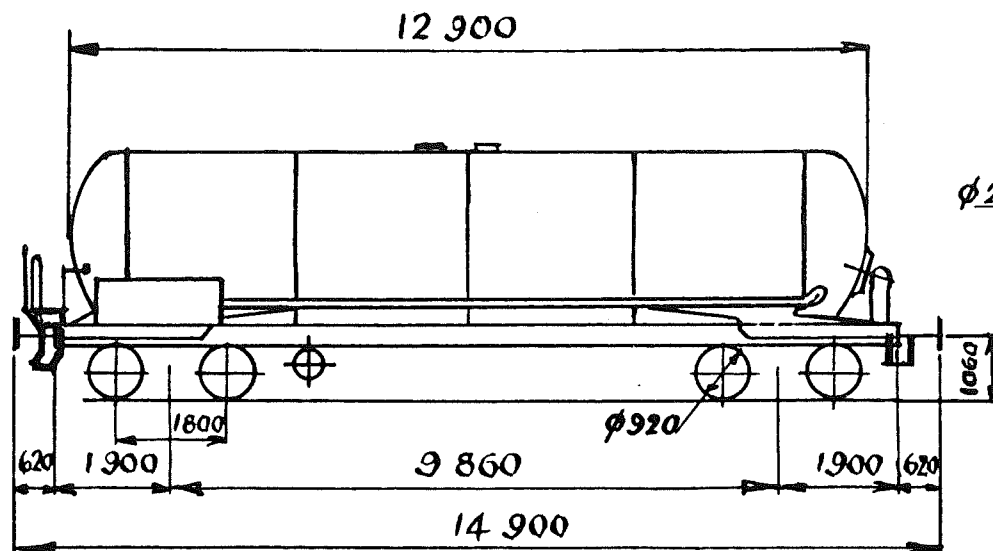
& SIDE SCREW.

TARE ~ 25,5t.

LOAD

	A	B	C
	38.5	46.5	54.5
S	38.5	46.5	54.5
SS		00.0	

	H	M	L	E
TONS	80	60	39	25
V.B.	0	0	0	0
A.B.	43	43	18	18
R.A.	6	3	1	1
M.S	60	60	60	60
E.L.			4	



R = 36 M.

TANK WAGON ~ GERMAN

TYPE ~ Zafgs.

VEHICLE N^{os} ~ 33 80 7794 000-004

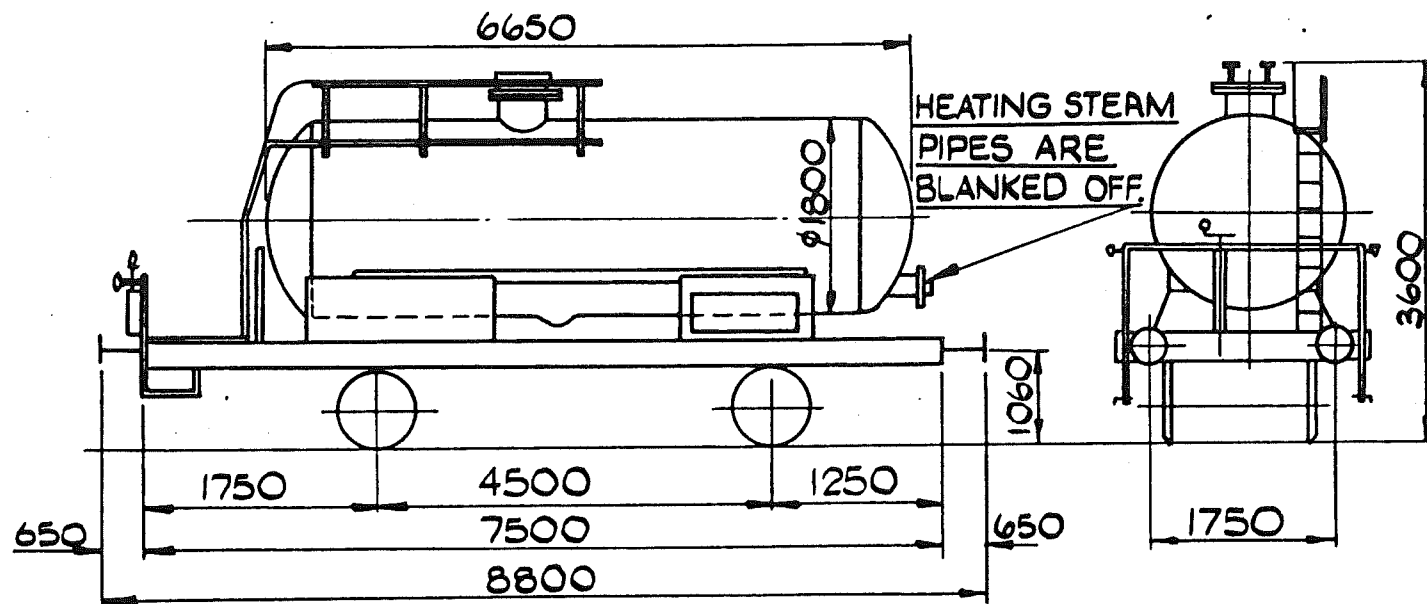
OWNER ~ V.T.G.

DRG. N^o ~ 0-335.01.0050

TOPS CODE

CARKND	AARKND	OPERATING
ICB	ICBD	PANEL No.

QTY. ~ 5



E535

REV.

CAPACITY - 157 hl.
TANK MATL. - ALUMINIUM.
POWER BRAKE - VAC. THRO'
PIPE & AIR BRAKE
HANDBRAKE -
HANDL. LEVER.
TARE. - 9700 kg.
LOAD -

A	B	C
18.1 t		

TANK WAGON. - GERMAN - (D.B.) V.T.G.

TYPE - Ufh.

VEHICLE N^o. - 21 80 078 0 361.

QTY. - 1.

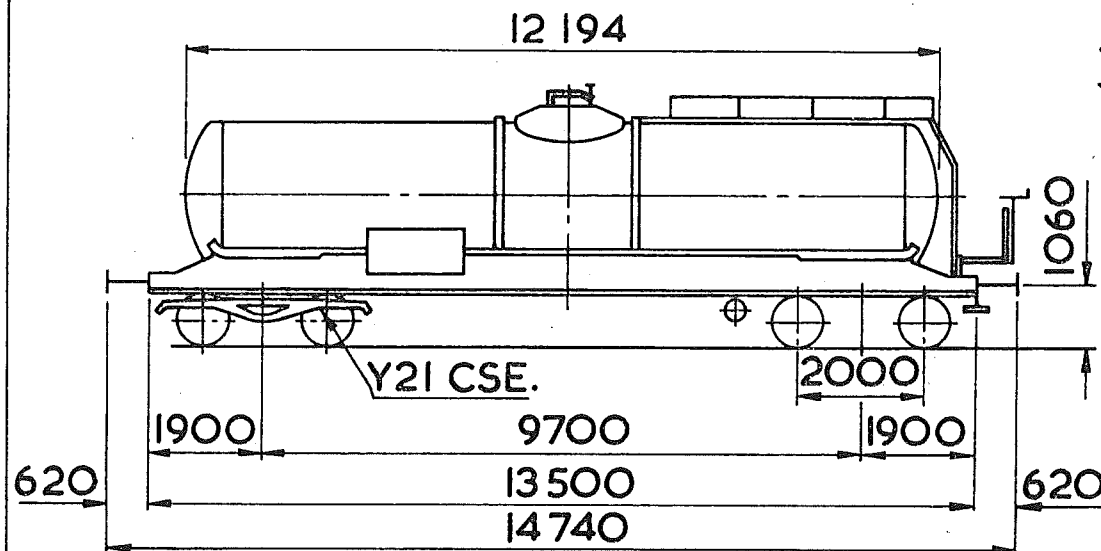
THIS VEHICLE WAS ORIGINALLY
SHOWN DIAGRAM E159.

G.A. DRG. N^{os}. - V.T.G. 2309.01.263, 2311.01.364 & 2310.01.008.

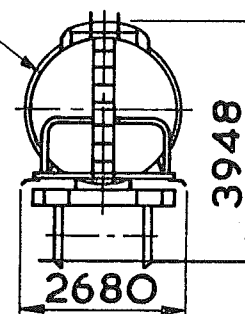
TOPS CODE				OPERATING	
CARKND		AARKND		PANEL No.	
1	C	1	C		

	H	M	L	E
TONS	28	21	14	10
V.B.	0	0	0	0
A.B.	0	0	5	5
R.A.	2	1	1	1
MAX SPEED	50	50	50	50
EXCESS LENGTH	4			

E 536



TANK Ø2500



CAPACITY-575 hl.
POWER BRAKE-DUAL.
HANBRAKE-PLATFORM
& SIDE SCREW.
TARE-22500kg.
MIN^m CURVE-35 m.
LOAD-

	A	B	C
	41.5	49.5	57.5
S	41.5	49.5	57.5
S.S.		0.00	

	H	M	L	E
TONS	80	58	36	22
V.B.	44	44	21	21
A.B.	41	41	16	16
R.A.	6	3	1	1
MAX SPEED.	60	60	60	60
EXCESS LENGTH.	4			

TANK WAGON-FRENCH.

TYPE-Zaefs.

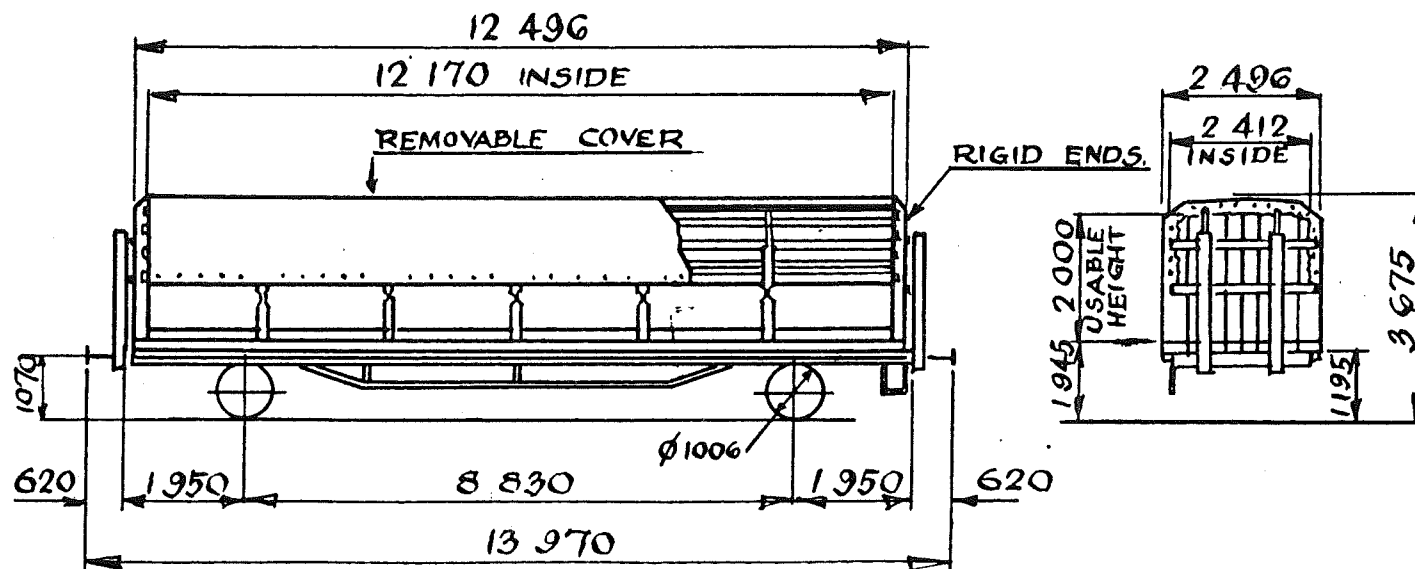
VEHICLE Nos-34 87 7899 010-014.

OWNER-ERMEWA.

QTY. 5.

DRG No.-102956.

TOPS CODE		ORDERING
CARKND	AARKND	PANEL No.
I C X	I C X D	



SPECIAL FLAT WAGON ~ SNCF.

TYPE ~ Ukkfs

VEHICLE N° 43 87 9195 000

OWNERS ~ TRANSFESA

DRG N° ~ 465^D

PROTOTYPE

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
ITX	ITXP	

E537

REV.

FLOOR AREA ~ 29.45 m²
USABLE AREA

CUBIC CAPY ~ 59 m³
USABLE VOL

POWER BRAKE ~ DUAL
(VACUUM & AIR)

HANDBRAKE ~ SIDE
LEVER

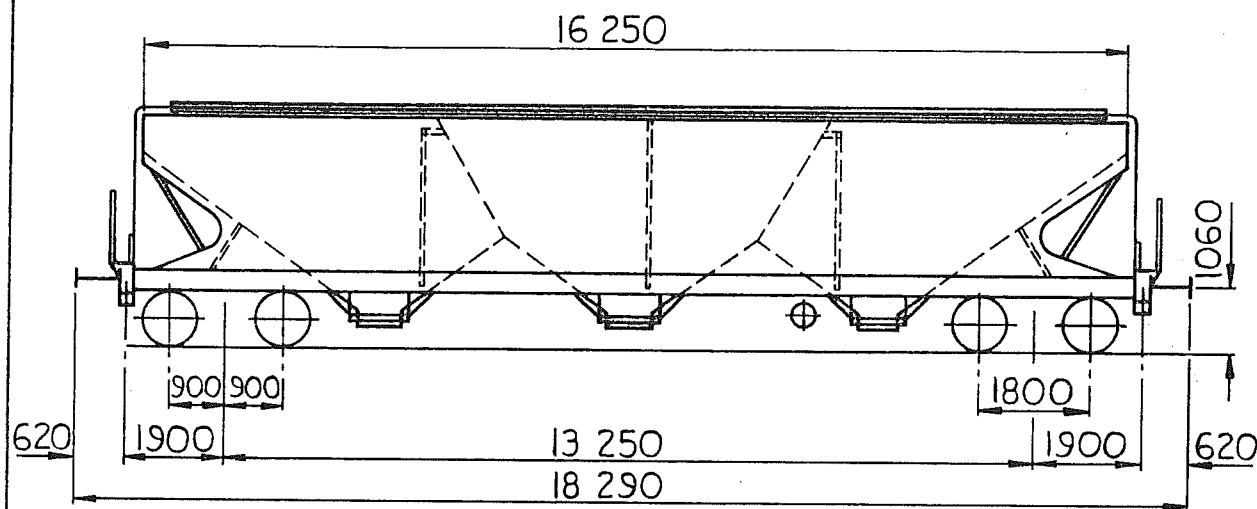
TARE ~ U/F., 9150
BODY, 6350 } 15,500 kg

LOAD

	A	B	C
16.5	20.5	24.5	
5	16.5	20.5	24.5
55			

	H	M	L	E
TONS	40	31	22	16
V.B.	19	19	11	11
A.B.	18	18	10	10
K.A.	6	3	1	1
M.S.	60	60	60	60
E.L.			12	

QTY. 1



E.538

CU. CAPACITY - 92 m³ / 920 hl.
 POWER BRAKE -
 AIR BRAKE.
 HANDBRAKE-SIDE SCREW.
 TARE - 22,550 Kg.
 LOAD -

CEREAL WAGON - SCOTTISH MALT DISTILLERS.

TYPE - Uafgoos.

VEHICLE Nos. - 33 70 9280 000 - 029

QTY. - 30.

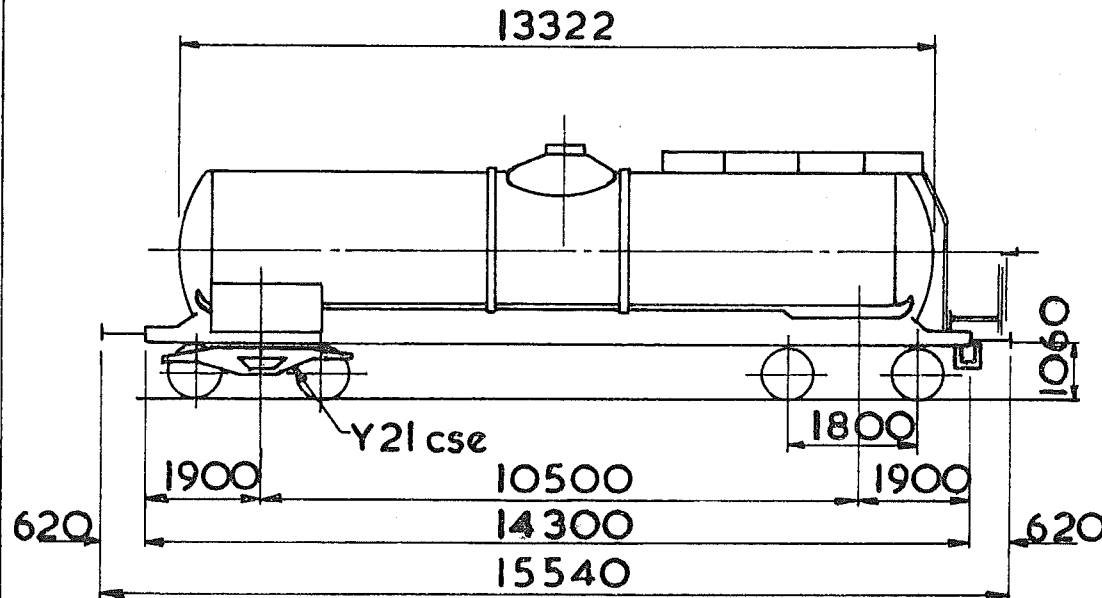
DIAGRAM No. 4-4-0-1060H C.F.M.F.

	A	B	C
	41.5	49.5	57.5
S	41.5	49.5	57.5
SS		0.00	

	H	M	L	E
TONS	80	58	37	22
V.B.	UNFITTED			
A.B.	41	41	16	16
R.A.	6	3	1	1
MAX. SPEED.	60	60	60	60
EXCESS LENGTH.	9			

TOPS CODE		
CARKND	AARKND	OPERATING PANEL No.
P I A	P I A Y	

E 539



CAPACITY - 58l hl

**POWER BRAKE -
DUAL**

**HANDBRAKE -
PLATFORM & SIDE
SCREW**

TARE - 22150 kg

MIN CURVE - 35m

LOAD -

	A	B	C
	41,8	49,8	57,8
S	41,8	49,8	57,8
SS		00,0	

TANK WAGON - SNCF, ERMEWA

TYPE - Zaefs

VEHICLE Nos - 33 87 7899 003-009

OWNER - ERMEWA

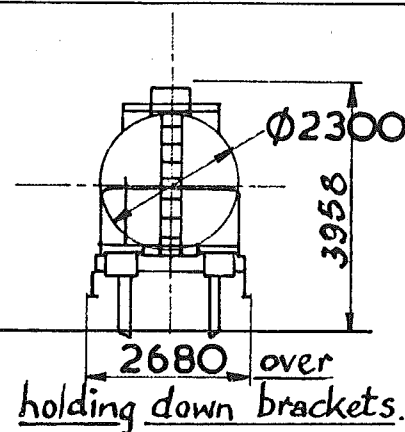
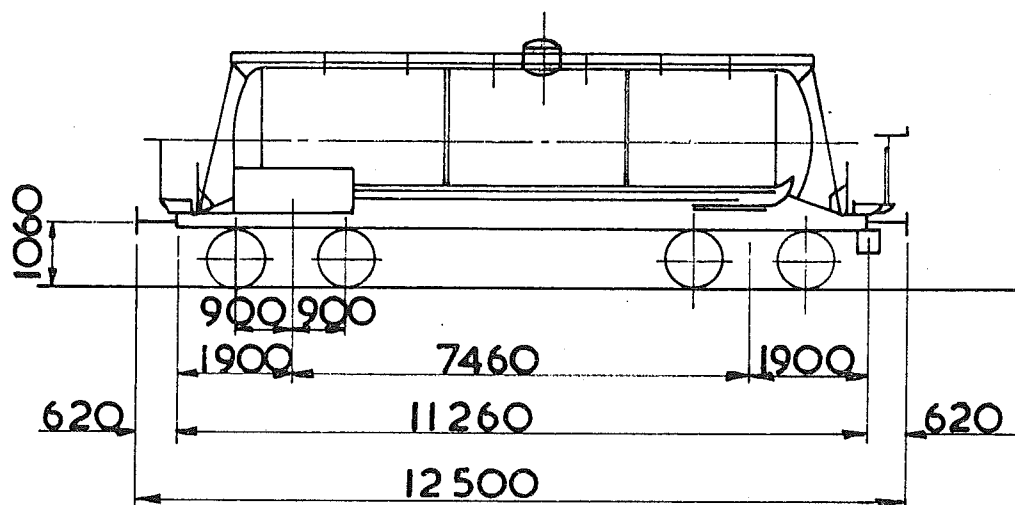
QTY. - 7

DRG. No. - 102709

	H	M	L	E
TONS	80	58	36	22
V.B.	44	44	21	21
A.B.	41	41	16	16
RA	6	3	1	1
MAX SPEED	60	60	60	60
EXCESS LENGTH	5			

TOPS CODE		
CARKND	AARKND	OPERATING PANEL No.
I C X	I C X D	

E.541



CAPACITY - 375 hl.

TANK MATL. -
MILD STEEL

POWER BRAKE -
AIR BRAKE

HANDBRAKE -
PLATFORM & SIDE SCREW

TARE - 19800 kg

LOAD

	A	B1	B2	C
S	40.2	42.7	52.2	60.2
SS	00.0			

R = 35 m

	H	M	L	E
TONS	80	57	35	20
V B	UNFITTED			
A B	41	41	13	13
R A	6	3	1	1
MAX SPEED	60	60	60	60
EXCESS LENGTH	—			

TANK WAGON - SNCF

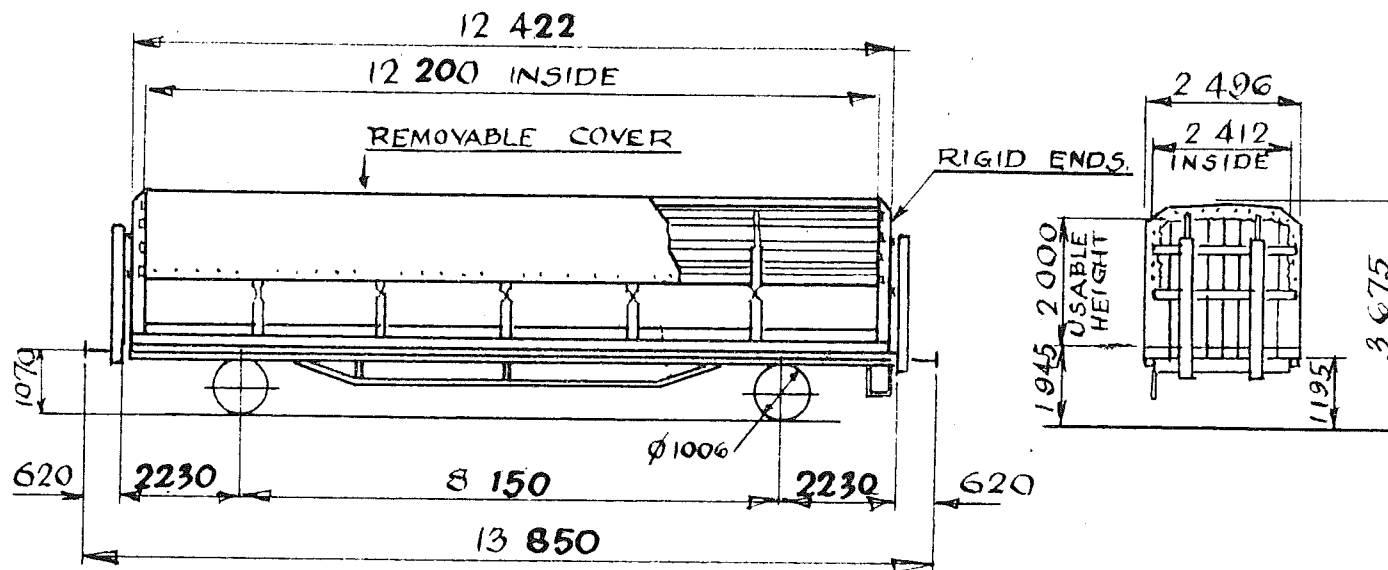
TYPE - Zacfs

VEHICLE No. - 33 87 7896 012-016

QTY - 5

FAUVET - GIREL DRG. 103020

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
I C A	I C A D	



SPECIAL FLAT WAGON ~ SNCF
TYPE ~ Ufss
VEHICLE N^os 43 87 9196 000 - 019
OWNERS ~ TRANSFESA
DRG N^o ~ 646D

PROTOTYPE

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
ITX	ITXP	

E542
REV.
FLOOR AREA - 29.45 m²
USABLE AREA
CUBIC CAPY ~ 59 m³
USABLE VOL.

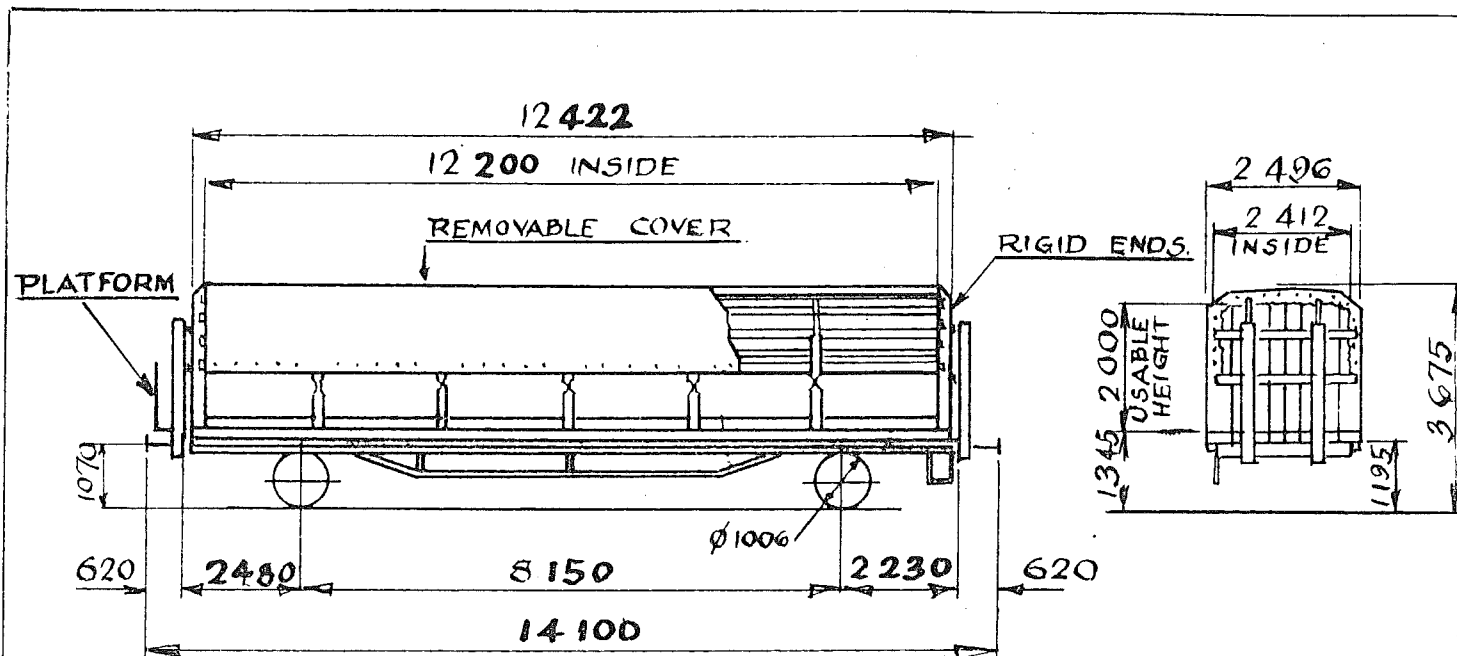
POWER BRAKE ~ DUAL
(VACUUM & AIR)
HANDBRAKE ~ SIDE
LEVER
TARE - U/F, 9150
BODY, 4600 } 13750 kg

LOAD

	A	B	C
18	18	22	26
5	18	26	
55		22	

	H	M	L	E
TONS	40	30	20	14
V.B.	19	19	11	11
A.B.	40	21	11	7
R.A.	6	2	1	1
M.S.	75	75	75	75
E.L.		12		

QTY. 20



SPECIAL FLAT WAGON ~ SNCF

TYPE ~ Ufss.

VEHICLE NOS 43 87 9196 020-024.

OWNERS ~ TRANSFESA

DRG No ~ 649^D

PROTOTYPE

TOPS CODE		
CARKND	AARKND	OPERATING
ITX	ITX	PANEL No.

E543

REV.

FLOOR AREA ~ 29.45 m²

USABLE AREA

CUBIC CAPY ~ 59 m³

USABLE VOL.

POWER BRAKE ~ DUAL
(VACUUM & AIR)

HANDBRAKE ~ SIDE
LEVER

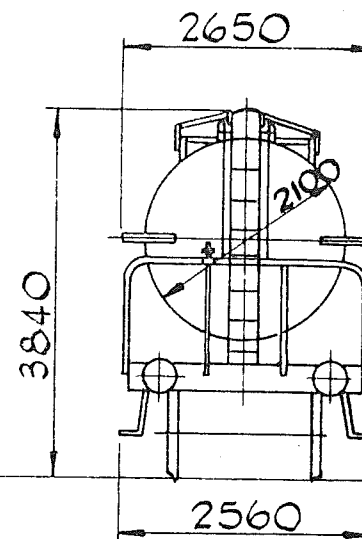
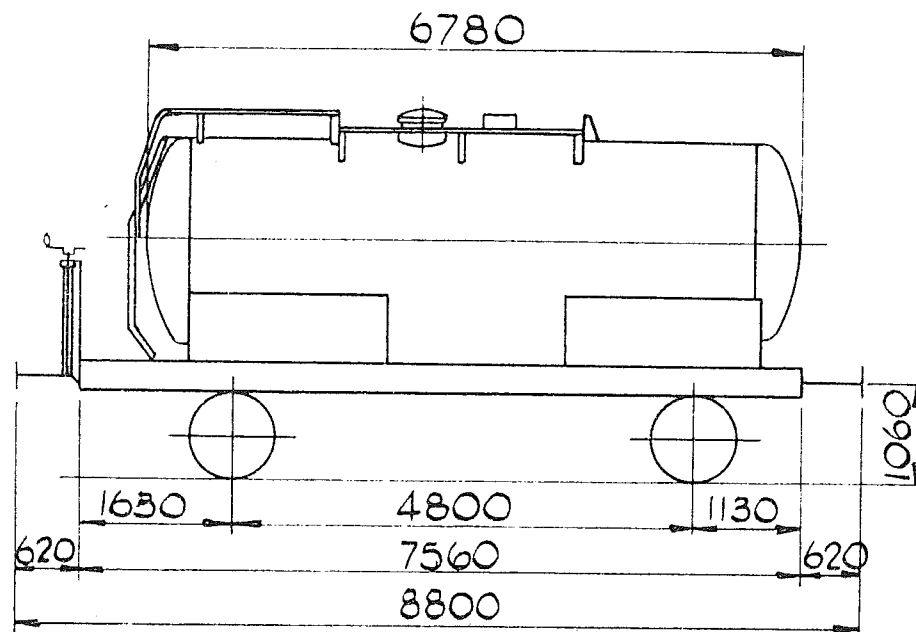
TARE ~ U/F., 9400
BODY, 4600 14000 kg

LOAD

	A	B	C
18	22	26	
18	26		
33	22		

	H	M	L	E
TONS	40	30	20	14
V.B.	18	19	11	11
A.B.	20	21	11	7
R.A.	6	2	1	1
M.S.	75	75	75	75
E.L.		12		

QTY. 5



E544

CAPACITY - 200 hl.
 TANK MATL - ALUMINIUM
 POWER BRAKE -
 PIPED, AIR &
 VACUUM.
 HANDBRAKE -
 SCREW HAND LEVER.
 TARE - 12 000 kg.
 LOAD -

A	B	C
20t	24t	28t

TANK WAGON - GERMAN - D.B. (V.T.G.)

TYPE - **Zef**

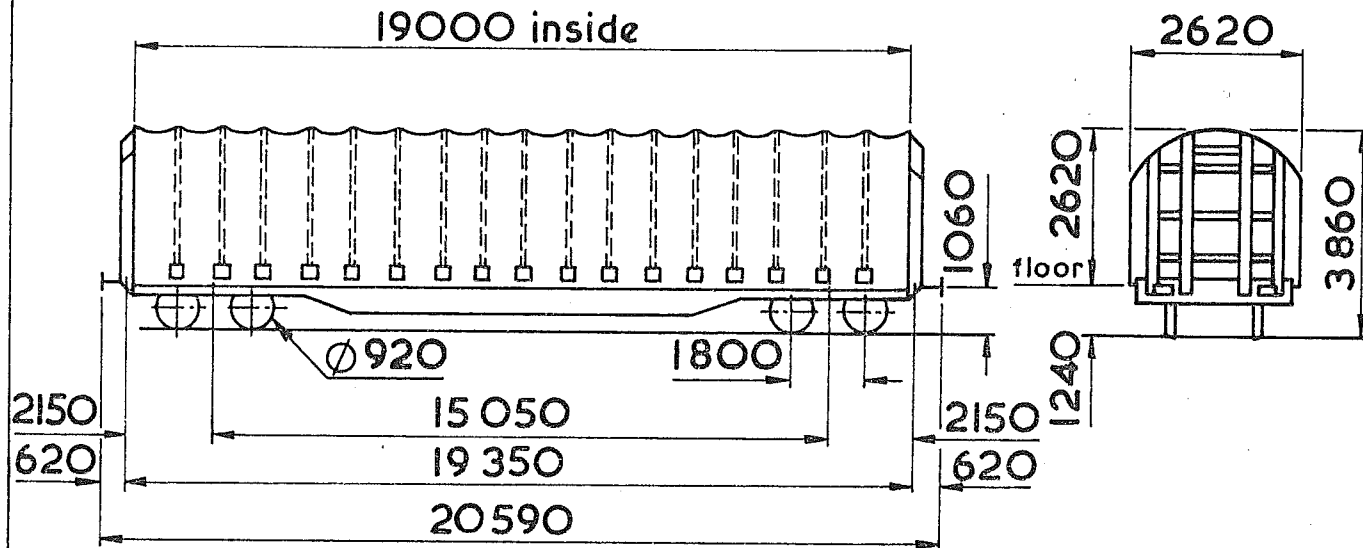
VEHICLE NOS - **23 80 7197 019-028.**

QTY. **10**

G.A. DRG. N2 - LINKE HOFMANN - BUSCH N2 G1594.01.00.

TOPS CODE					
CARKND	AARKND	OPERATING	PANEL No.	TONS	H M L E
ICR	ICRD			40	29 17 12
				Y.B.	0 0 0 0
				A.B.	13 13 5 5
				R.A.	6 2 1 1
				MAX	50 50 50 50
				EXCESS	
				WEIGHT	4

E545



FLOOR AREA-46 m²
 CUBIC CAPACITY-112 m³
 FLOOR-WOOD.
 POWER BRAKE-AIR BRAKE
 & VAC. THROUGH PIPE.
 HANDBRAKE-SCREW.
 TARE-24000kg.
 LOAD-

	A	B	C
	40	48	56
S	40	48	56
S.S.	40	48	56

	H	M	L	E
TONS	80	59	38	24
V.B.	0	0	0	0
A.B.	79	43	21	11
R.A.	6	3	1	1
MAX SPEED.	75	75	75	75
EXCESS LENGTH.	13			

TYPE - CURTAIN SIDED BOGIE-SNCF. *Sfiss*

VEHICLE Nos.-83 87 47 39 000-034.

OWNER-EVS, PARIS.

QTY. 35.

SNAV DIAGRAM No. FG-117451A.

TOPS CODE			
CARKND	AARKND	OPERATING	PANEL No.
I P B	I P B N		

E 546

CAPACITY:- 572 hl

TANK MATL:- STEEL

POWER BRAKE:-
AIR BRAKE & VACUUM
THROUGH PIPE

HANDBRAKE :-
PLATFORM & SIDE
SCREW

TARE :- 29 100 kg

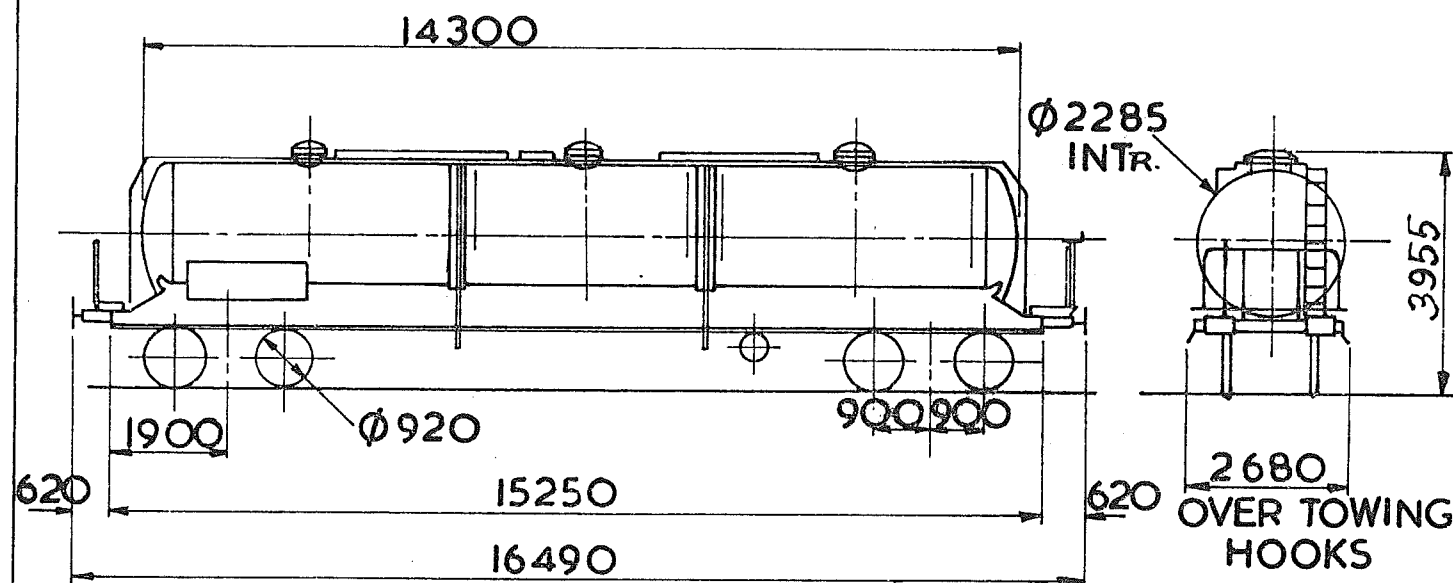
LOAD :-

	A	B	C
S	34.9	42.9	50.9
SS		00.0	

	H	M	L	E
TONS	80	60	42	29
VB	0	0	0	0
AB	41	41	21	21
RA	6	3	1	1
MAX SPEED	60	60	60	60
EXCESS LENGTH				6

TOPS CODE

CARKND	AARKND	OPERATING PANEL No.
I C B	I C B D	



TANK WAGON:- SNCF

TYPE:- Zacefs

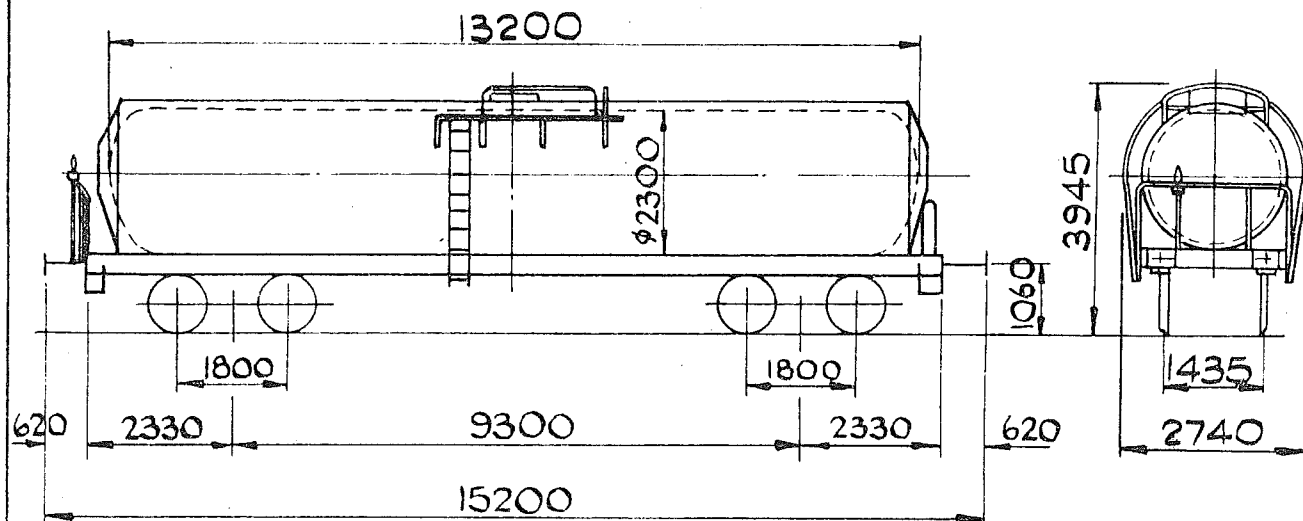
VEHICLE No:- 33 87 7996 040-045

OWNERS:- METAUX SPECIAUX S.A.

QTY :- 6

DIAGRAM No - 102880

E 548
REV



CU. CAPACITY. - 52 m³.
TANK MATL. - S. STEEL.
POWER BRAKE - AIR BRAKE

HANDBRAKE. - SCREW.
TARE. - 31.5t.
LOAD. -

TANK WAGON. - E.V.A.

TYPE. - zacefkks

VEHICLE NOS. - 33 80 7998 900 - 904.

QTY. - 5.

	A	B	C
	32.5t	40.5t	48.5t
S	32.5t	40.5t	48.5t

	H	M	L	E
TONS	80	62	44	31
V.B.	0	0	0	0
A.B.	42	42	22	22
R.A.	6	4	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH				4

TOPS CODE		
CARKND	AARKND	OPERATING
		PANEL No.
1 CA	1 CAD	

DIAGRAM No. - 225.01.00b.

E.550

CAPACITY :-
350h/7708 galls
TANK MATL :-

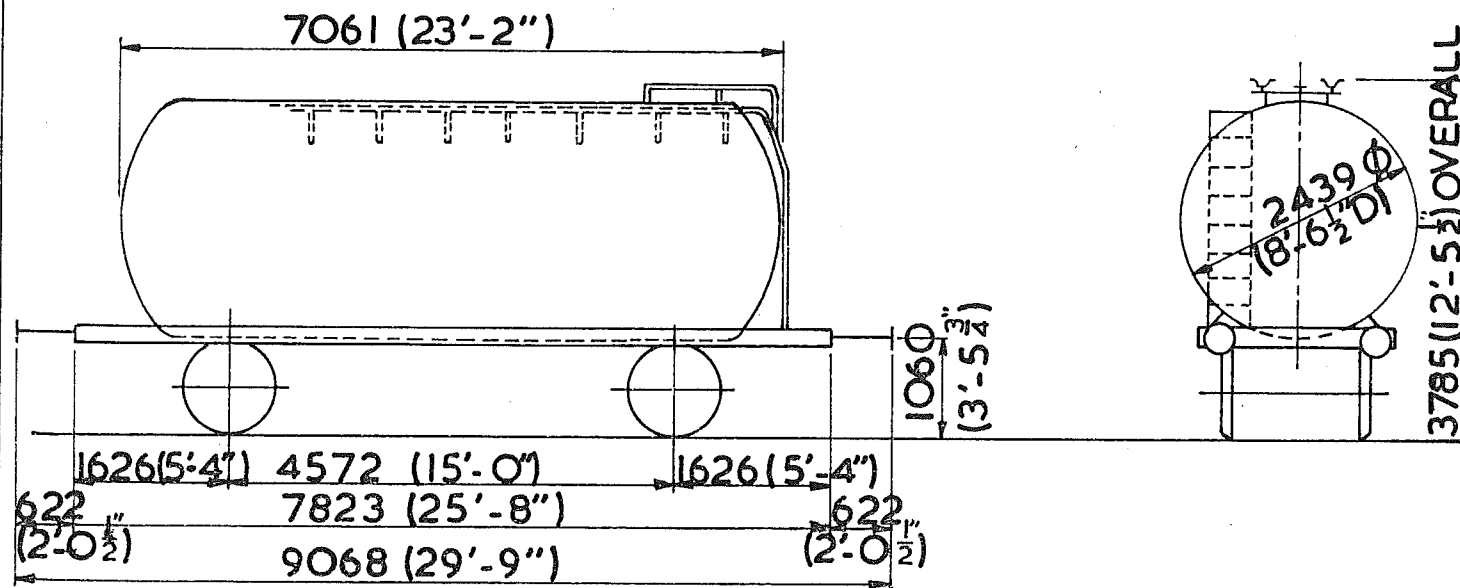
POWER BRAKE :-
AIR BRAKE
HANDBRAKE :-
SCREW & SIDE LEVER
TARE :- 12.35 t

LOAD :-

	A	B	C
	20	24	28
S	20	24	28
SS			

	H	M	L	E
TONS	40	40	12	12
VB	UNFITTED			
AB	18	18	7	7
RA	6	6	1	1
MAX SPEED	60	60	60	60
EXCESS LENGTH	5			

TOPS CODE		OPERATING
CARKND	AARKND	PANEL NO.
TIA	TIAL	



TANK WAGON:- BRITISH - B.R.

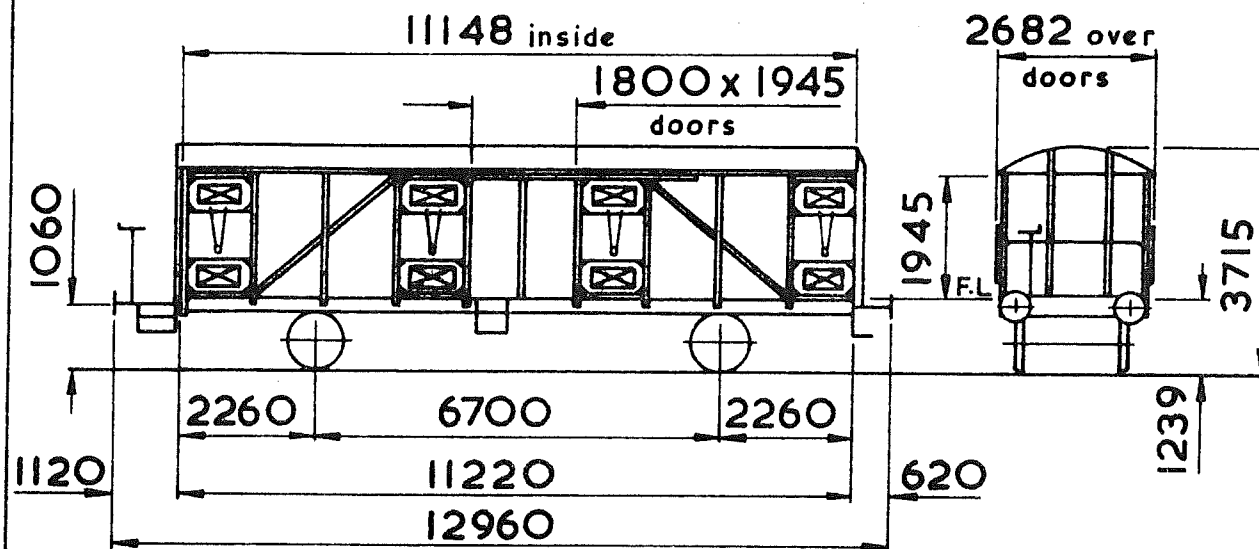
TYPE :- Z1s

VEHICLE No.:- 23 70 7390 597 635 647 653 659 671

OWNERS :- TRAFFIC SERVICES LTD & WHYTE CHEMICALS

QTY :- 6

G.A. DRG. No.:- A30188 & A29720 MET.-CAM.



E555

FLOOR AREA-26^m²
UTILISED CUBIC CAPACITY-53.5³_m
FLOOR-WOOD
POWER BRAKE-AIR & VACUUM
HANDBRAKE-HAND LEVER &
PLATFORM SCREW
TARE-13,100kg
LOAD-

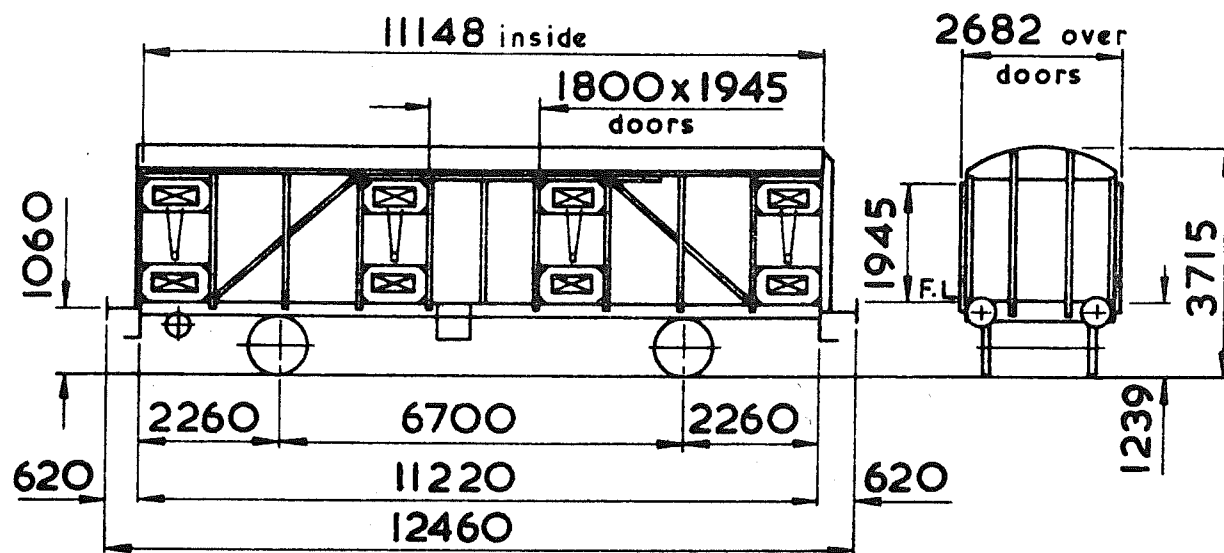
COVERED VAN-RENFE
TYPE-Hfhs
VEHICLE Nos. 24 71 2148 496-594
QTY. 99.
TRANSFESA DIAGRAM No-O4

	A	B	C
	18.5	22.5	26.5
S	18.5	22.5	26.5
S.S.			

	H	M	L	E
TONS	40	36	20	13
V.B.	21	21	13	13
A.B.	18	18	11	11
R.A.	6	5	1	1
MAY SPEED	60	60	60	60
EXCESS LENGTH			11	

TOPS CODE	
CARKND	AARKND
OPERATING	PANEL No.
ITX	ITXM

E556



FLOOR AREA-26^m²
UTILISED CUBIC CAPACITY-53.5^m³
FLOOR-WOOD
POWER BRAKE-AIR & VACUUM
HANDBRAKE-SIDE SCREW
TARE-SEE BELOW
LOAD-

COVERED VAN-RENFE
TYPE-Hfhs

VEHICLE Nos: { 24 71 2148 486-495 -TARE 12,900 kg
 24 71 2148 595-692 -TARE 12,800kg

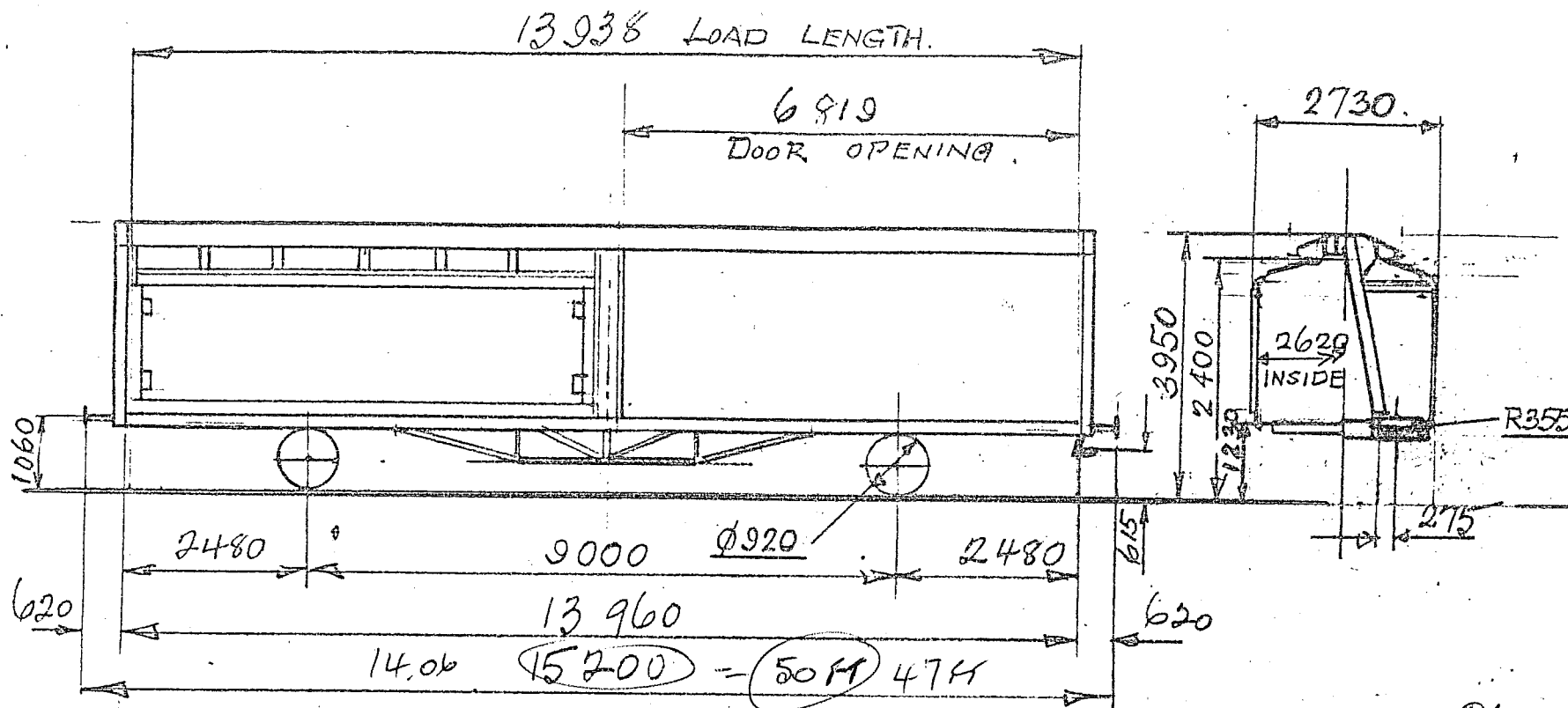
QTY-108

TRANSFESA DIAGRAM No. 04^A & 06^B

	A	B	C
	19	23	27
S	19	23	27
S.S.			

	H	M	L	E
TONS	40	36	20	13
V.B.	21	21	13	13
A.B.	18	18	11	11
R.A.	6	5	1	1
MAX. SPEED	60	60	60	60
EXCESS LENGTH			10	

TOPS CODE			
CARKND	AARKND	OPERATING	
ITX	ITXM	PANEL No.	



SPECIAL COVERED WAGON - GERMAN.
 TYPE:- Hbfis

VEHICLE NO 43 80 2396 000 + 001.

DRG. NO A2100.01.002 further numbers to be advised.

CARGO-WAGON

4380 - 2396 000 = CARGO WAGON
 4380 - 2396 001 TO 199 = TRANSFESA

R = 35 M. Please advise.

PRELIMINARY.

TOPS CODE		OPERATING PANEL NO
CARKND	AARKND	
1 P A	1 P A	

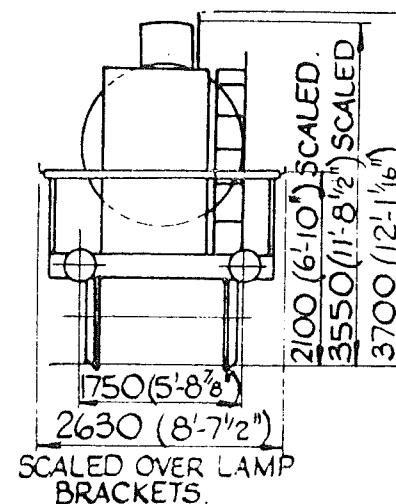
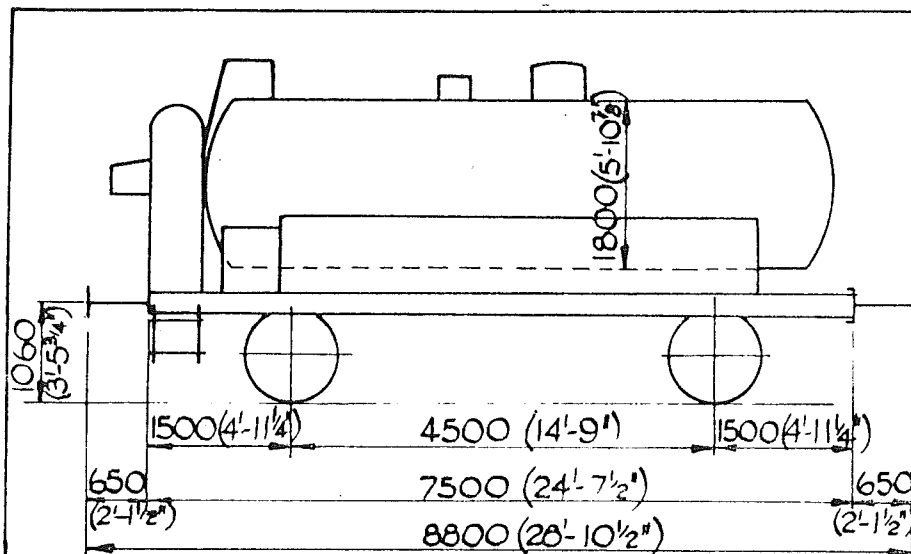
REV.
 FLOOR AREA.
 CUBIC CAPACITY.
 FLOOR. NOO
 POWER BRAKE
 AIR B/
 HANDBRAKE.
 TARE. 16.3
 LOAD.

	A	B
S	15.7	19.7
SS	15.7	19.7

	M	M
TONS	144	35
V.B.	UNEI	
A.B.	21	21
R.A.	8	4
MAX SPEED	60	60
EXCESS LENGTH		

QTY. 200.

E575?



TANK WAGON:- GERMAN D.B. (HULS CHEMICAL WORKS)

TYPE - Ufhs.

VEHICLE N^{os}.-21 80 008 5 165.

QTY.- 1.

ORG. N^o. WH. 167.

UNFITTED VEHICLE ORIGINALLY
SHOWN ON DIAGRAM E008

TOPS CODE
CARKND AARKND
OPERATING
PANEL NO.
1 CA 7 W Z 7

E. 600.

REV.

CAPACITY-150hl/3300galls

TANK MATL.-

POWER BRAKE-

AIR BRAKE ONLY.

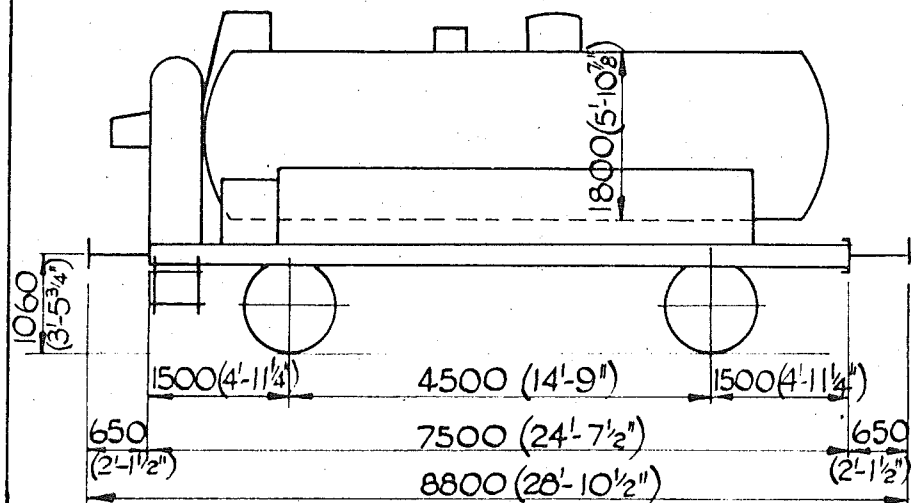
HANDBRAKE-SCREW LEVER

TARE - 10 600 kg.

LOAD.

	A	B	C
	21,4t	22,7t	
3	21,4t	22,7t	

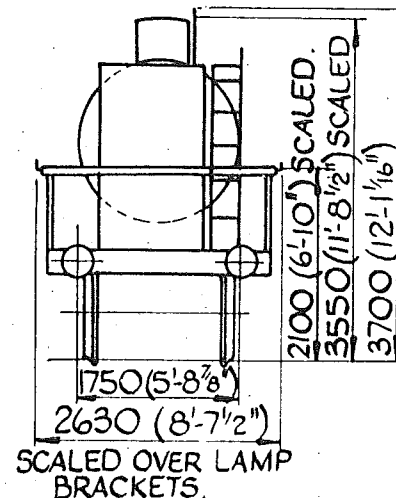
	H	M	L	E
TONS	33	25	17	11
V.B.	UNFITTED			
A.B.	13	13	5	5
R.A.	4	1	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH				4.



TANK WAGON:- GERMAN D.B. (HULS CHEMICAL WORKS)
 TYPE - Ufhs.
 VEHICLE N^{os}:-21 80 008 5 165.
 QTY.- 1.

DRG. N^o. WH.167.

THIS VEHICLE ORIGINALLY
 SHOWN ON DIAGRAM E008.



E. 600.

REV. 1

CAPACITY-150hl/3300galls

TANK MATL.-

POWER BRAKE-

AIR BRAKE ONLY.

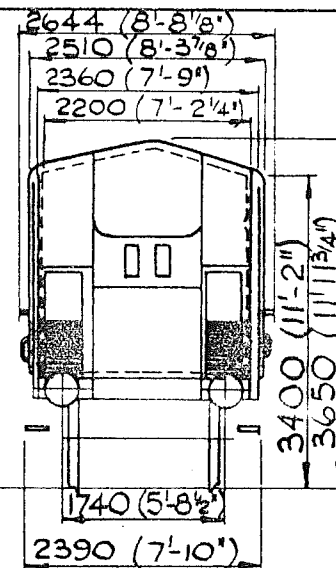
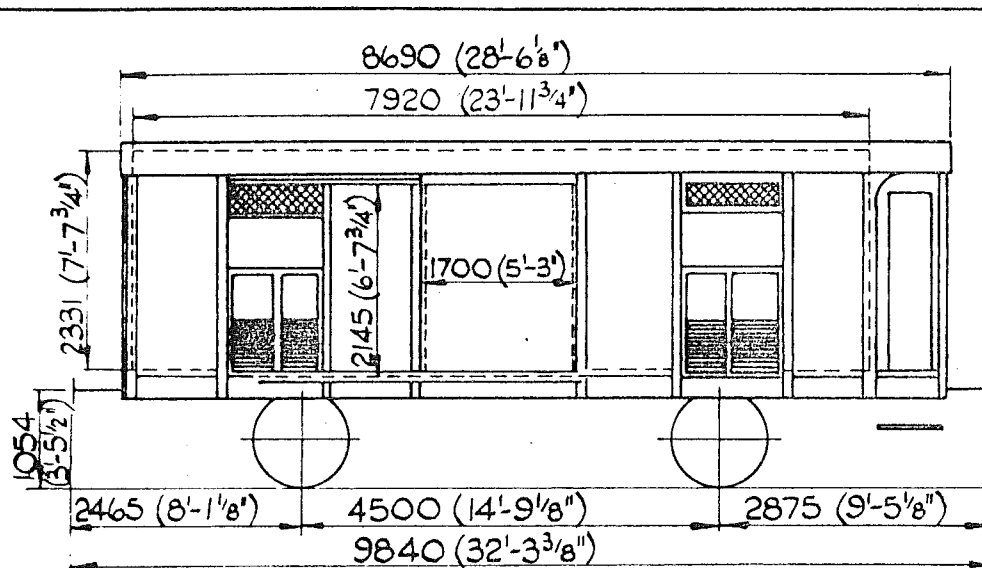
HANDBRAKE-SCREW, LEVER

TARE - 10 600 kg.
 LOAD.

A	B	C
21,4t	22,7t	
321,4t	22,7t	

	H	M	L	E
TONS	33	25	17	11
V.B.	UN	FIT	TED	
A.B.	13	13	5	5
R.A.	4	1	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	4.			

TOPS CODE		OPERATING
CARKND	AARKND	PANEL NO.
1 CA	1 CAB	



E 601
REV. 1

FLOOR AREA - 19 sq yds.
CUBIC CAPACITY - 46 cu. yds.
35 m³
FLOOR - WOOD.
POWER BRAKE -
VACUUM BRAKE &
AIR BRAKE.
HANDBRAKE -
SCREW & HANDLEVER.
TARE - 12700 Kg.
LOAD.

	A	B	C
	19,0t	23,0t	23,0t
S	17,0t	17,0t	

FRUIT & VEGETABLE WAGON - ITALIAN.

TYPE - Hfhs.

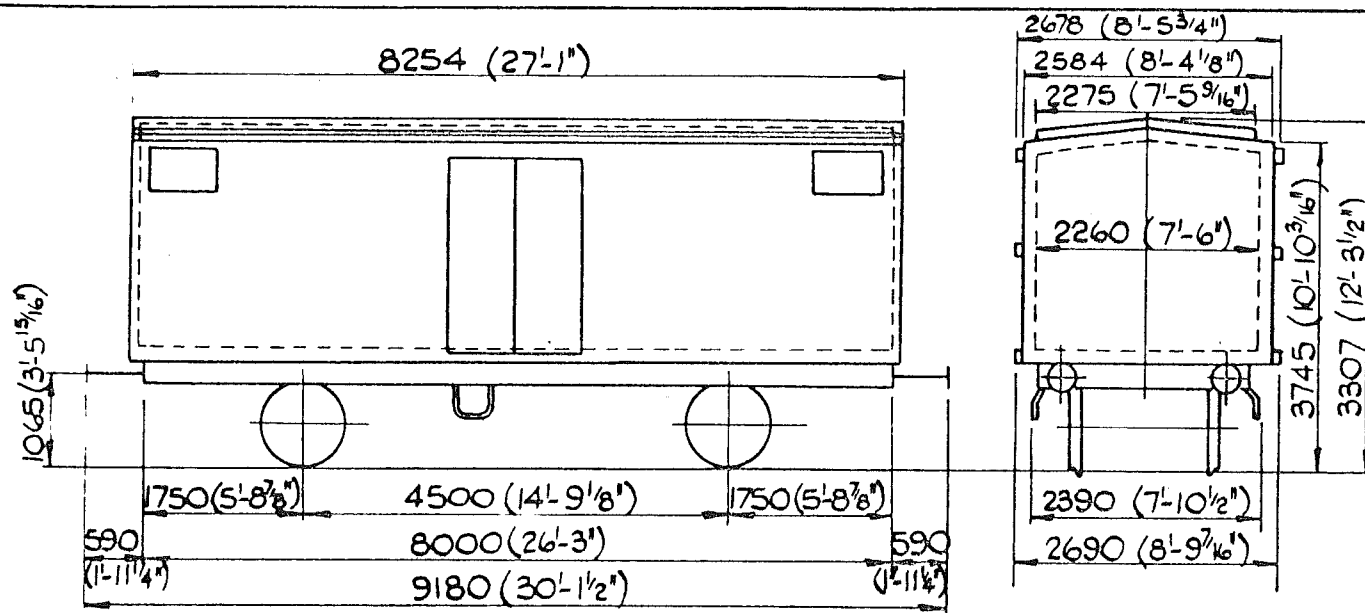
VEHICLE N^{os} - 21 83 2148 500 - 603 & 610.

QTY. - 105.

DUAL BRAKED VEHICLES ORIGINALLY SHOWN
ON DIAGRAM E 025.

TOPS CODE	
CARKND-AARKND	OPERATING
ISX	PANEL NO.
ISXC	

	H	M	L	E
TONS	36	30	19	13
V.B.	5	5	5	5
A.B.	15	15	6	6
R.A.	5	2	1	1
MAY SPED	45	45	45	45
EXCEPTS LENGTH				6



E. 602.
REV. 1.

FLOOR AREA - 17 sq. yds.
CU. CAPACITY - 39 cu. yds.
FLOOR - WOOD. 30 m³
POWER BRAKE -
AIR BRAKE & VAC. PIPE
HANDBRAKE -
SCREW & HANDLEVER
TARE - 16500 Kg.
LOAD -

	A	B	C
	13.ot	13.ot	13.ot
S	13.ot.		

REFRIGERATOR VAN - ITALIAN.

TYPE - Ifms.

VEHICLE N^{os} - 21 83 804 5001 - 5076.

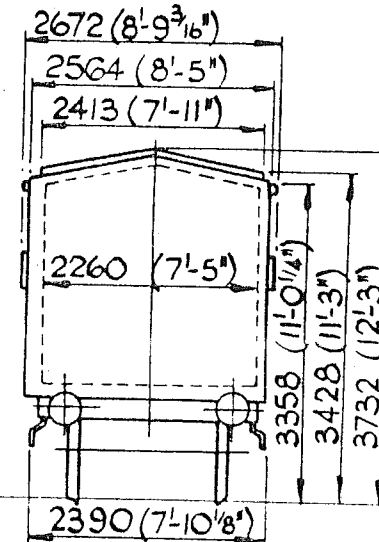
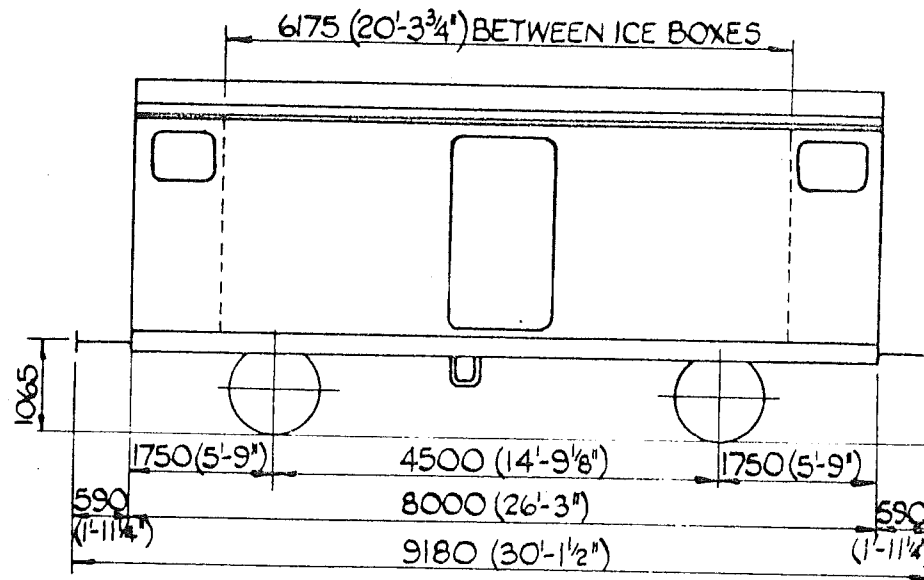
QTY. - 75.

TOPS CODE

CARKND	AARKND	OPERATING
11B	11BA	PANEL NO.

	H	M	L	E
TONS	30	25	20	17
V.B.	0	0	0	0
A.B.	12	12	7	7
R.A.	2	1	1	1
MAX. SPEED	45	45	45	45
EXCESS LENGTH	5.			

VACUUM PIPED VEHICLES ORIGINALLY SHOWN ON DIAGRAM E 028.



E 603.
REV.

FLOOR AREA - 17sq. yds.
CU. CAPACITY -
30.8 m³. 1090 cu. ft.
FLOOR - WOOD.
POWER BRAKE -
VACUUM PIPE AIR BRAKE.
HANDBRAKE -
HANDLEVER.
TARE - 15300 Kg.
LOAD -

	A	B	C
15,5t	19,5t	19,5t	
S	15,5t		

REFRIGERATOR VAN - ITALIAN - FS

TYPE - Ifms.

VEHICLE N^{os} - 21 83 804 6900 TO 6918

QTY - 18. 6500 TO 6503

PLAIN BEARING VEHICLES ORIGINALLY SHOWN ON DIAGRAM E030

TOPS CODE

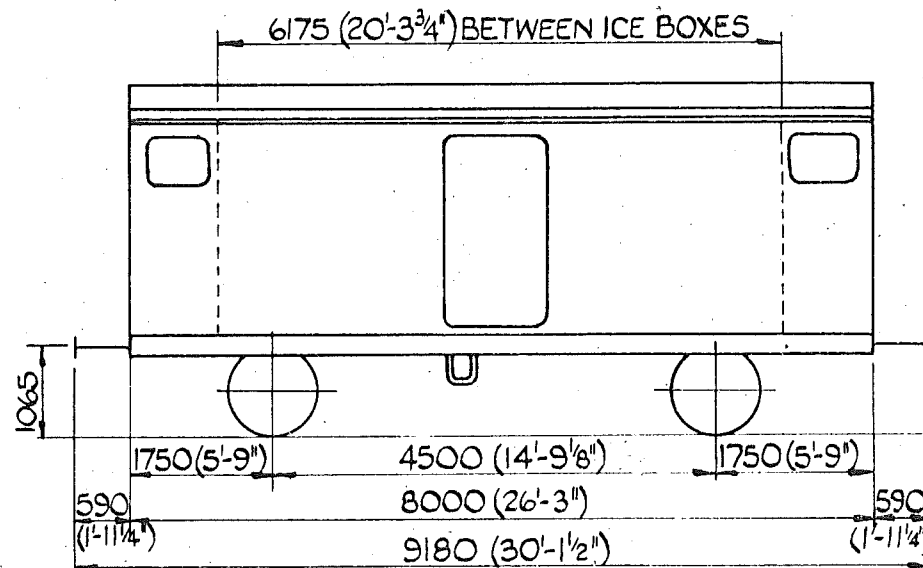
CARKND AARKND

OPERATING

PANEL N.

11 B 71 P 5

	H	M	L	E
TONS.	35	31	20	15
V.B.	0	0	0	0
A.B.	15	15	6	6
R.A.	4	2	1	1
MAX SPEED	45	45	45	45
EXCESS LENGTH			5	



REFRIGERATOR VAN - ITALIAN - FS

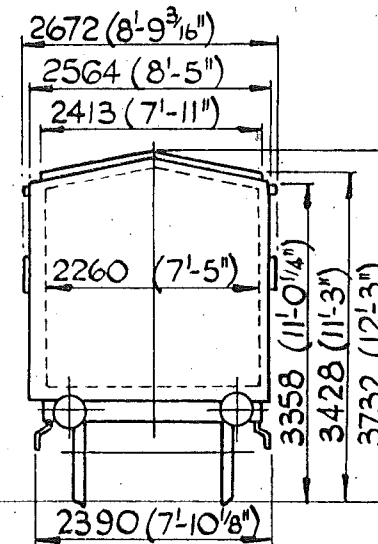
TYPE - Ifms.

VEHICLE N^{os} - 21 83 804 6900 TO 6913

QTY. - 18

6500 TO 6503

PLAIN BEARING VEHICLES ORIGINALLY SHOWN ON DIAGRAM E030.



E 603.
REV. I.

FLOOR AREA. - 17sq. yds.

CU. CAPACITY. -

30.8 m³. 1090 cu. ft.

FLOOR. - WOOD.

POWER BRAKE -

VACUUM PIPE. AIR BRAKE.

HANDBRAKE. -

HANDLEVER.

TARE. - 15300 Kg.

LOAD. -

	A	B	C
	15.st	19.st	19.st
S	15.st		

	H	M	L	E
TONS.	35	31	20	15
V.B.	0	0	0	0
A.B.	15	15	6	6
R.A.	4	2	1	1
MAX SPEED	45	45	45	45
EXCESS LENGTH	5			

TOPS CODE

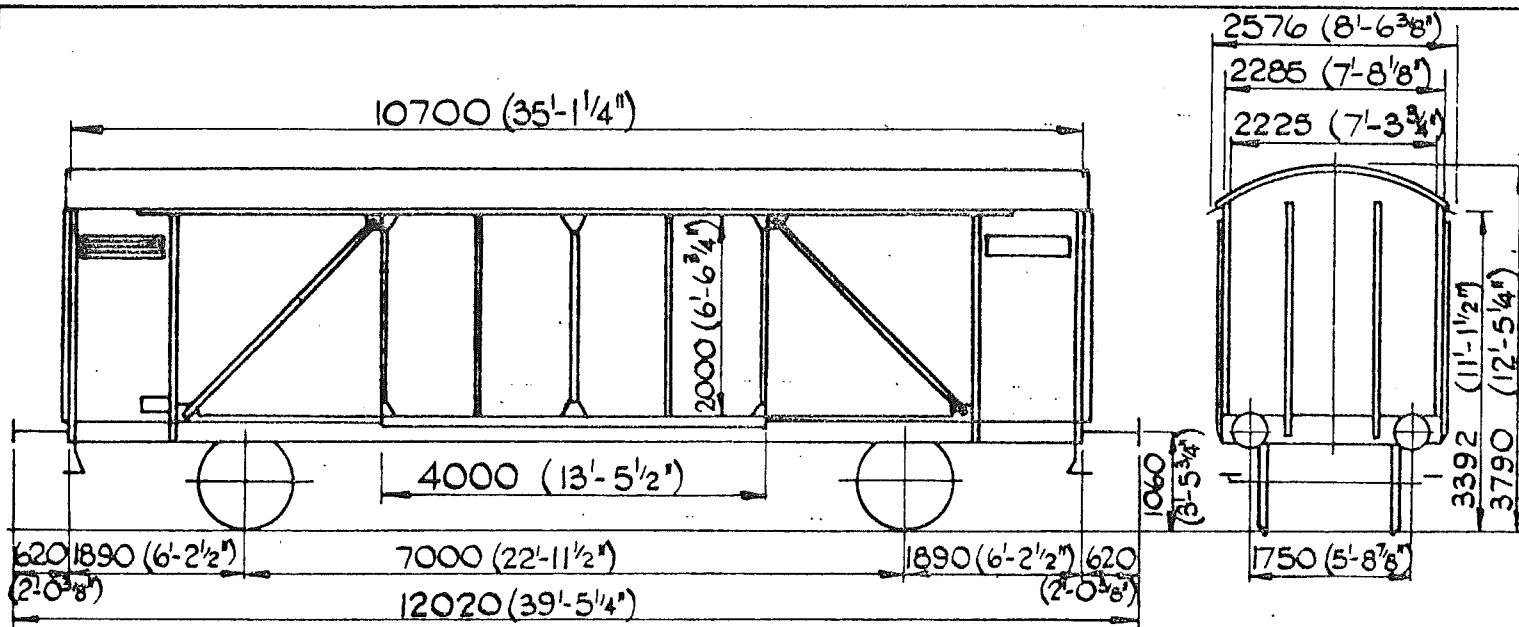
CARKNDIAARKND

11B 11BR

OPERATING

PAVE. NO.

E604.
REV.1.



FLOOR AREA - 29 sq yds.
CU. CAP. - 66 cu. yds.
FLOOR - WOOD. 50m²
POWER BRAKE -
AIR BRAKE. VACUUM
THROUGH PIPE.
HAND BRAKE. -
HANDLEVER.
TARE - 11 000 kg.
LOAD. -

A	B	C
19t	21t	21t
S 19t	21t	

COVERED WAGON - AUSTRIAN - OBB.
TYPE - Hfs.

VEHICLE N^{os}. - 21 81 214 1005 - 1015.

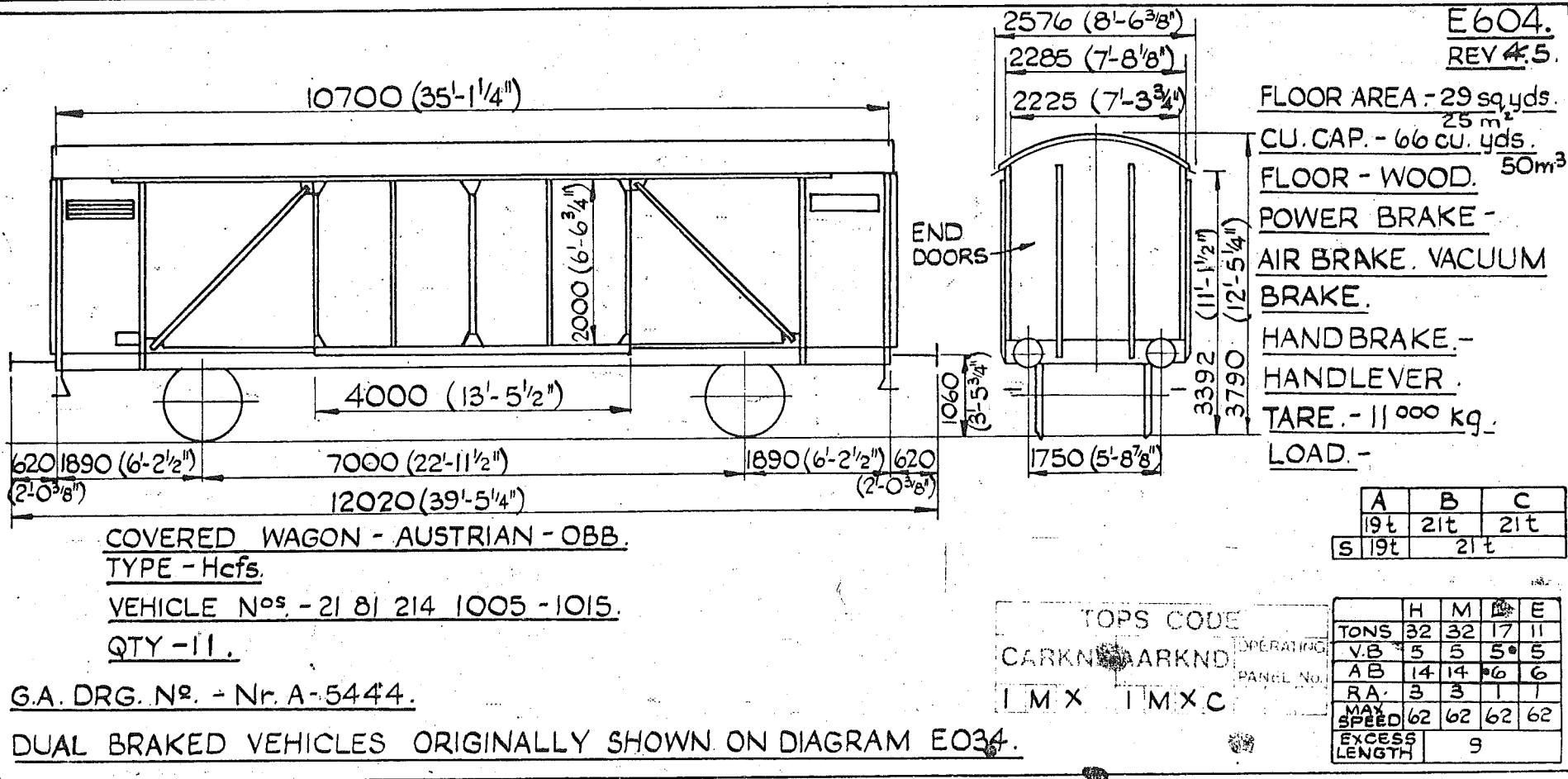
QTY - 10.

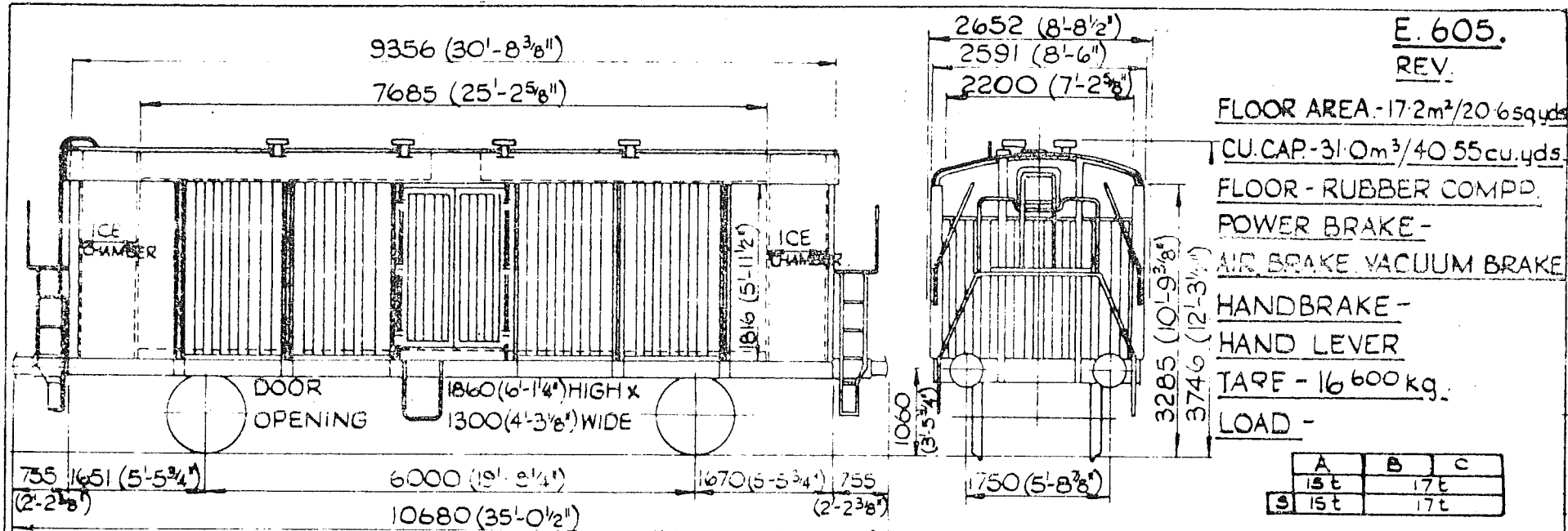
G.A. DRG. N^o. - Nr. A-5444.

DUEL BRAKED VEHICLES ORIGINALLY SHOWN ON DIAGRAM E034.

TOPS CODE	
CARKND	MARKND
OPERATING	PANEL No.
1 M X	1 M X C

	H	M	L	E
TONS	32	32	17	11
V.B	5	5	5	5
AB	14	14	6	6
RA	3	5	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH		9		





E. 605.
REV.

FLOOR AREA - 17.2m²/20.6sqyds

CU. CAP. - 31.0m³/40.55cu.yds.

FLOOR - RUBBER COMPD.

POWER BRAKE -

AIR BRAKE VACUUM BRAKE

HANDBRAKE -

HAND LEVER

TARE - 16 600 kg.

LOAD -

A	B	C
15t		17t
9	15t	17t

REFRIGERATOR WAGON - INTERFRIGO - SWISS.

TYPE - Ifs

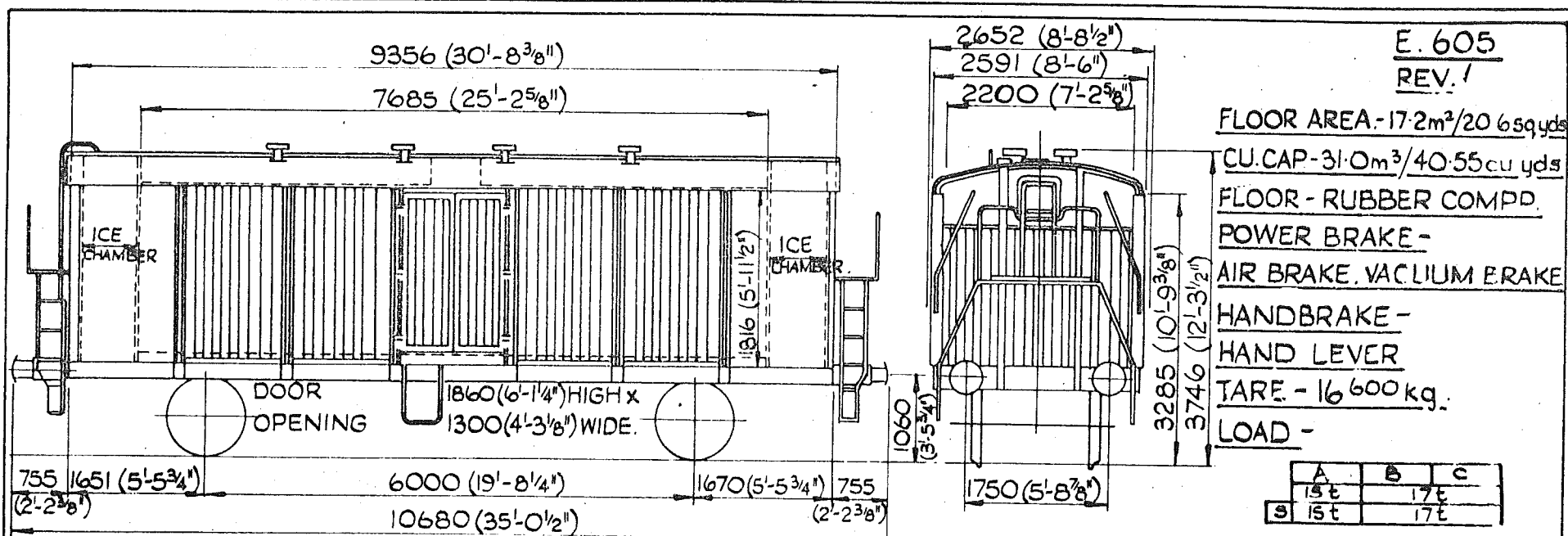
VEHICLE N^{os} - 11 85 068 4 750 - 759

QTY - 10.

VEHICLES ORIGINALLY SHOWN ON DIAGRAM E 058.

TOPS CODE			
CARKND	AARKND	OPERATING	
11X		PANEL No.	
7R32			

	H	M	L	E
TONS	34	27	21	14
V.B.	5	5	5	5
A.B.	13	13	7	7
R.A.	4	1	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	7			



REFRIGERATOR WAGON - INTERFRIGO - SWISS

TYPE - Ifs

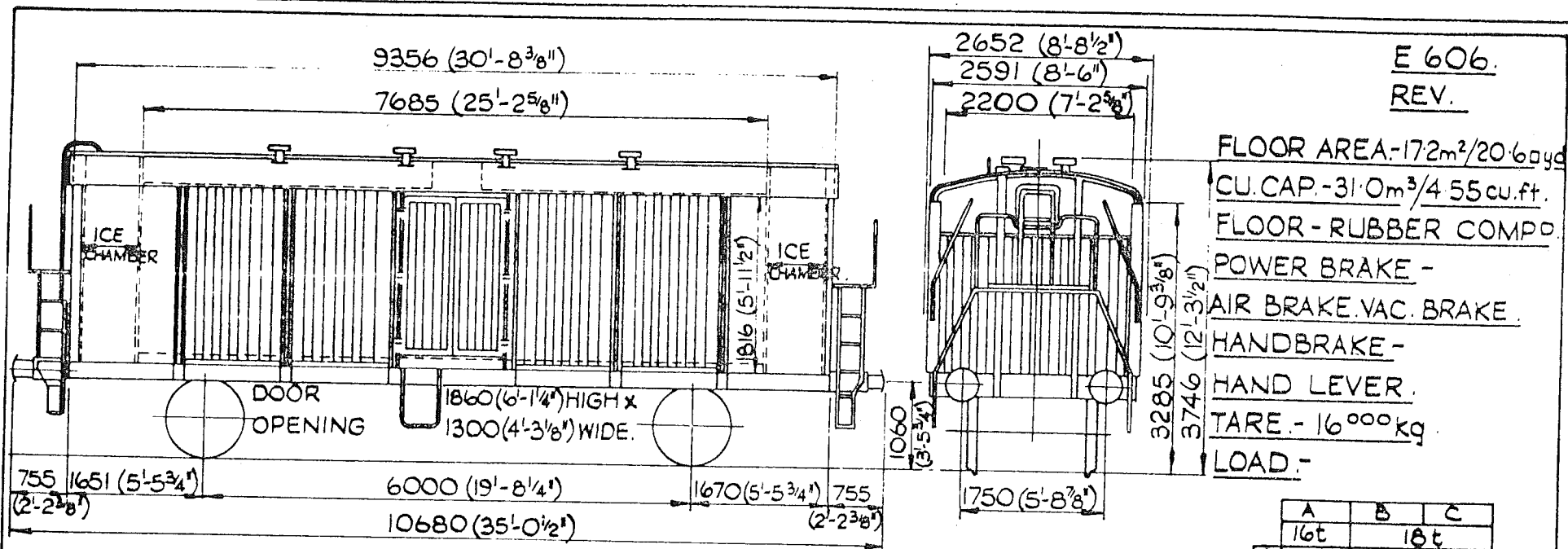
VEHICLE N^{os} - 11 85 088 4 750-759

QTY - 10

VEHICLES ORIGINALLY SHOWN ON DIAGRAM E 058.

TOPS CODE		
CARKND	AARKND	OPERATING
11X	11XL	PANEL No.

	H	M	L	E
TONS	34	27	21	14
V.B.	5	5	5	5
A.B.	13	13	7	7
R.A.	4	1	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH			7	



E 606.
REV.

FLOOR AREA-172m²/20'6"yd
CU.CAP.-31.0m³/455cu.ft.
FLOOR-RUBBER COMPO
POWER BRAKE -
AIR BRAKE.VAC.BRAKE.
HANDBRAKE-
HAND LEVER.
TARE.-16⁰⁰⁰kg
LOAD.-

A	B	C
16t	18t	
S 16t	18t	

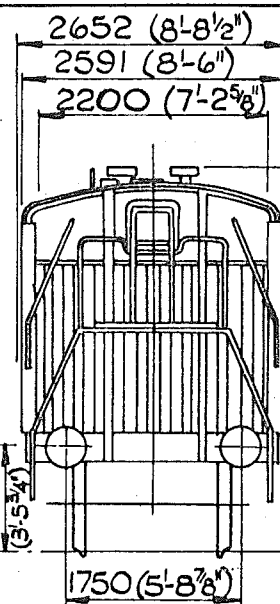
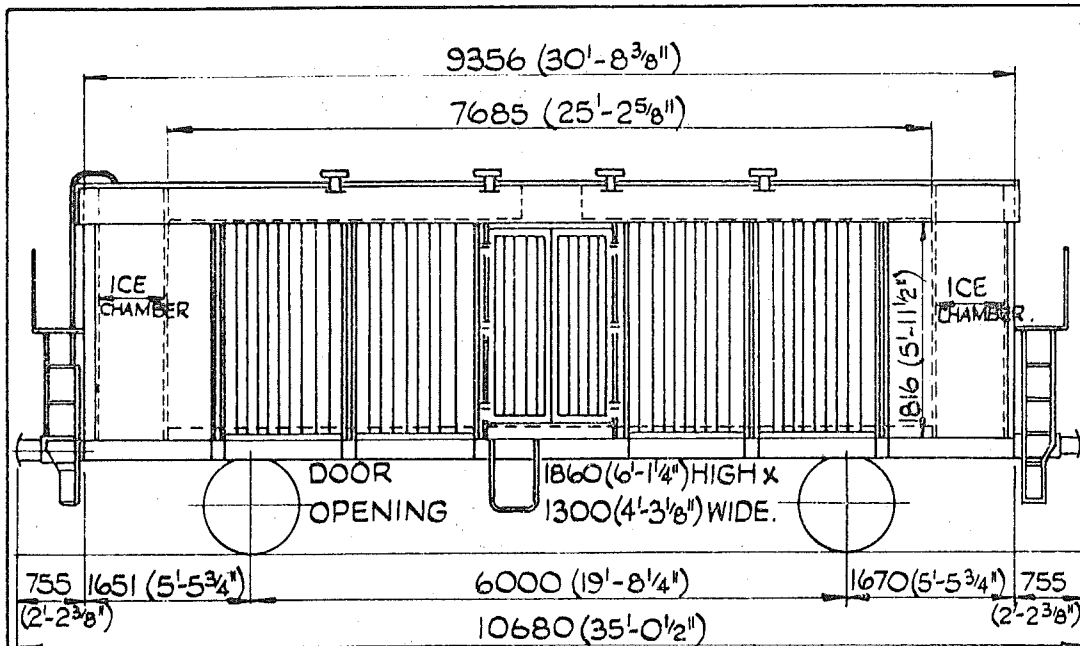
REFRIGERATOR WAGON - INTERFRIGO - FRENCH.
TYPE - Icefs.

VEHICLE N^{OS}. - 11 87 088 6 500 - 508 & 510 - 518.
QTY. - 18.

VEHICLES ORIGINALLY SHOWN ON DIAGRAM E 058.

TOPS CODE
CAPANDALP
11 X 7 R 4 2

	H	M	L	E
TONS	34	27	21	16
V.B.	5	5	5	5
A.B.	13	13	6	6
R.A.	4	1	1	1
MAX SPEED	62	62	62	62
CYCLE LENGTH				7.



E 606.
REV.1

FLOOR AREA-172m²/20.6pyd
CU.CAP.-31.0m³/40.55 yds.
FLOOR-RUBBER COMPD.
POWER BRAKE -
AIR BRAKE.VAC. BRAKE.
HANDBRAKE -
HAND LEVER.
TARE.- 16⁰⁰⁰ kg
LOAD.-

	A	B	C
	16t		18t
S	16t		18t

REFRIGERATOR WAGON - INTERFRIGO - FRENCH.
TYPE - Icefs.

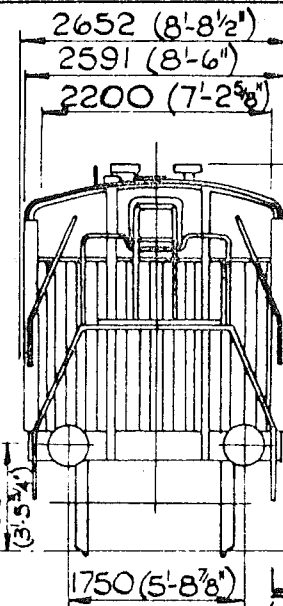
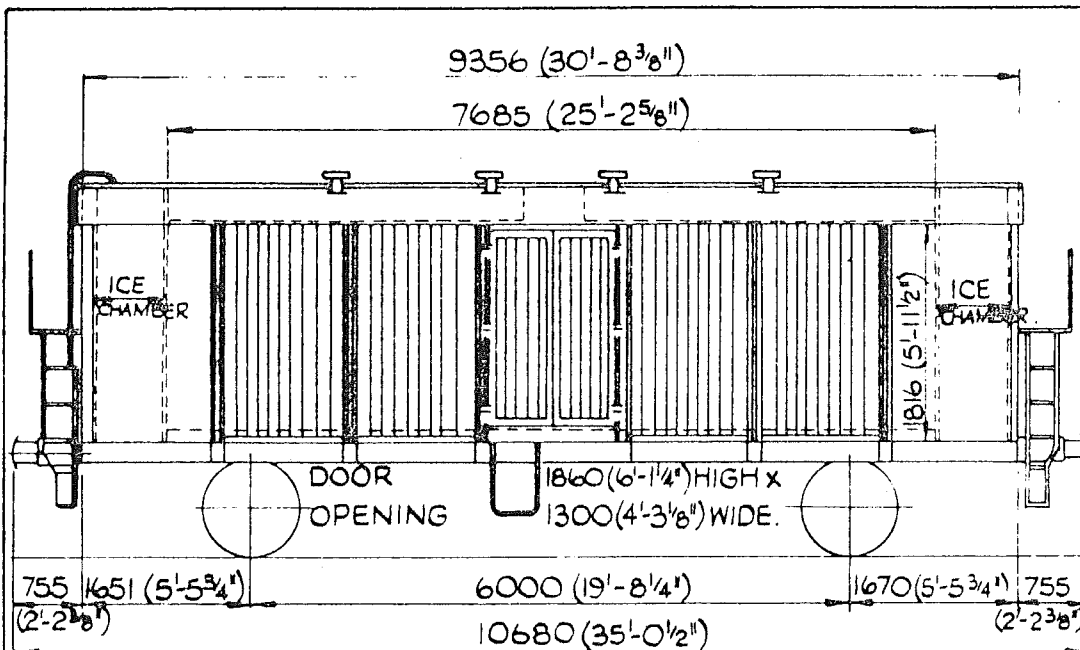
VEHICLE N^{os}. - 11 87 088 6 500 - 508 & 510 - 518.

QTY. - 18.

VEHICLES ORIGINALLY SHOWN ON DIAGRAM E 058.

TOPS CODE
CARKND AARKND
OPERATING
PANEL NO.

	H	M	L	E
TONS	34	27	21	16
V.B.	5	5	5	5
A.B.	13	13	6	6
R.A.	4	1	1	1
MAX SPEED	62	62	62	62
CYCLE LENGTH			7.	



E. 607.
REV.

FLOOR AREA - 17.2m³/206sqyd.

CU. CAP - 31.0m³/4055 cu. yds.

FLOOR - RUBBER COMPO

POWER BRAKE -

AIR BRAKE VAC BRAKE

HANDBRAKE -

HAND LEVER

TARE - 550-598 & 600 - 17500kg

629 - 699 - 18000 Kg.

LOAD -
629-699.

	A	B	C
	14t		17t
S	14t		17t

REFRIGERATOR WAGON - INTERFRIGO - BELGIAN.

TYPE - Icefs.

VEHICLE N^{os} - II 88 088 6 550 TO 598 & 600

II 88 088 6 629 TO 699.

QTY. - 121.

VEHICLES ORIGINALLY SHOWN ON DIAGRAM E 058.

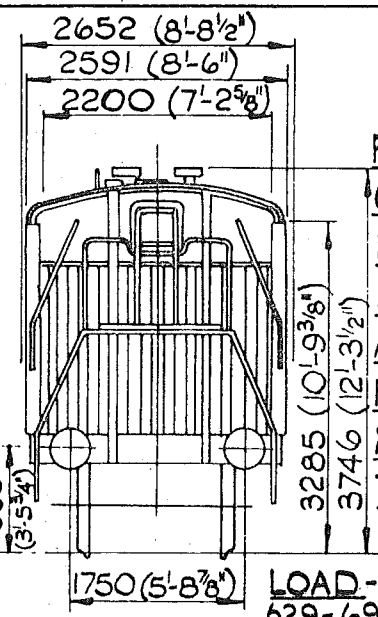
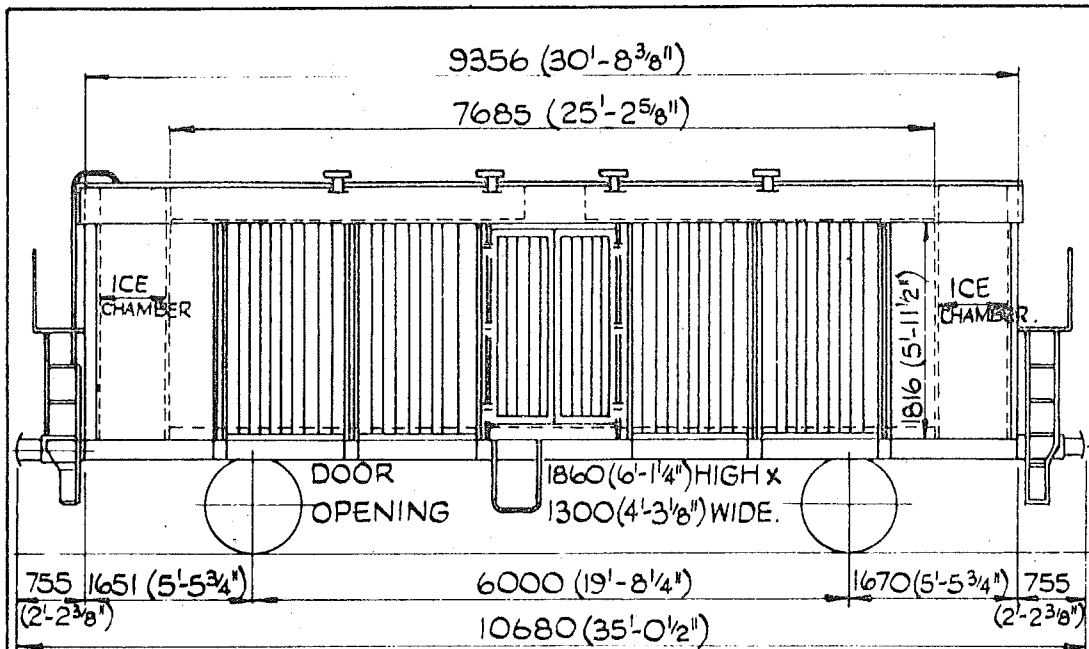
LOAD -
550 TO 598
& 600.

	A	B	C
	14t		16.5t
S	14t		16.5t

TOPS CODE

CARKND	AARKND	OPERATING
		PANEL No.
11X	7R42	

	H	M	L	E
TONS	34	28	22	18
V.B.	5	5	5	5
A.B.	13	13	7	7
R.A.	4	2	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH.				7



E. 607.
REV. 1

FLOOR AREA - 17.2m²/20.6sqd.
CU. CAP - 31.0m³/40.55 cu. yds.
FLOOR - RUBBER COMPO.
POWER BRAKE -
AIR BRAKE VAC BRAKE
HANDBRAKE -
HAND LEVER
TARE - 550-598 & 600 - 17500 kg.
629 - 699 - 18000 kg.

LOAD-
629-699.

	A	B	C
	14t	17t	
S	14t	17t	

REFRIGERATOR WAGON - INTERFRIGO - BELGIAN

TYPE - Icefs.

VEHICLE N^{os}. - 11 88 088 6 550 TO 598 & 600

11 88 088 6 629 TO 699.

QTY. - 121.

VEHICLES ORIGINALLY SHOWN ON DIAGRAM E 058.

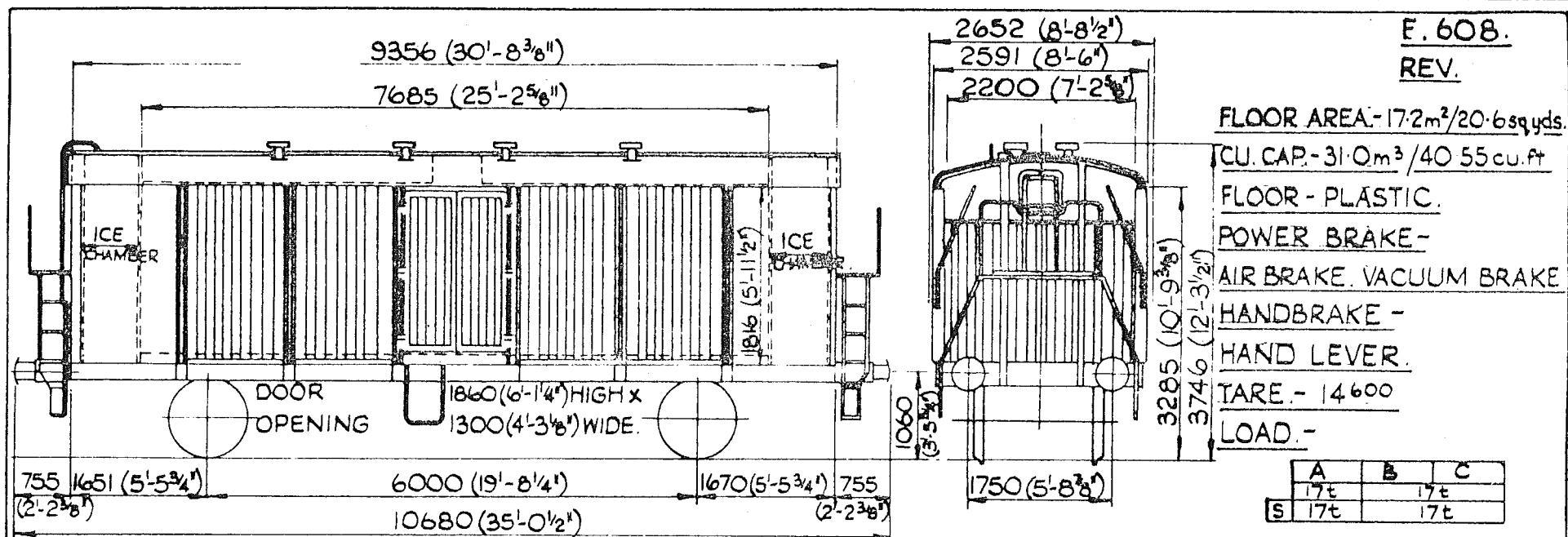
LOAD-
550 TO 598
& 600.

	A	B	C
	14t	16.5t	
S	14t	16.5t	

TOPS CODE

CARKND	AARKND	OPERATING
11X	11XL	PANEL No.

	H	M	L	E
TONS	34	28	22	18
V.B.	5	5	5	5
A.B.	13	13	7	7
R.A.	4	2	1	1
MAY BE USED EXCESS LENGTH.	62	62	62	62
				7

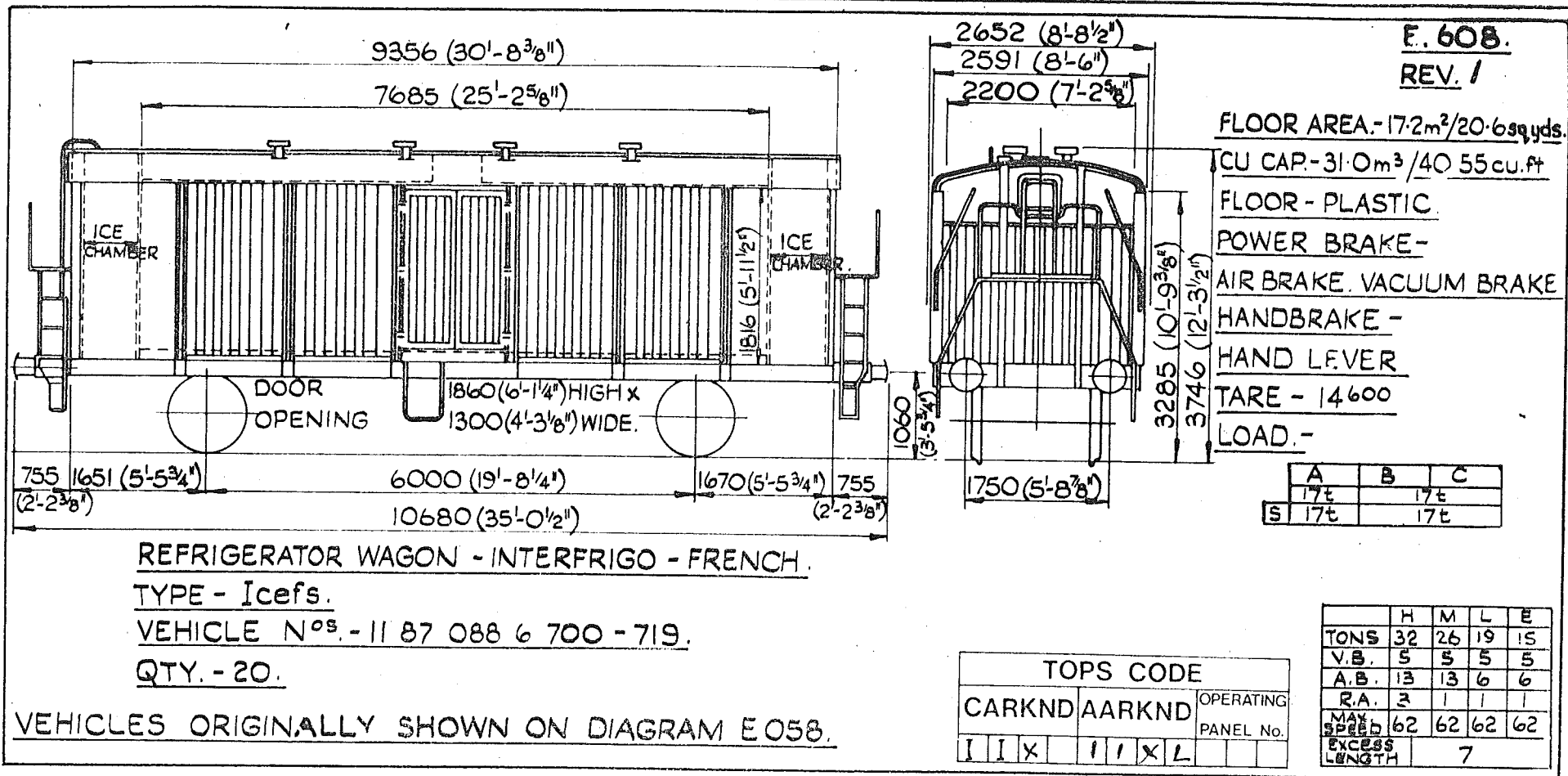


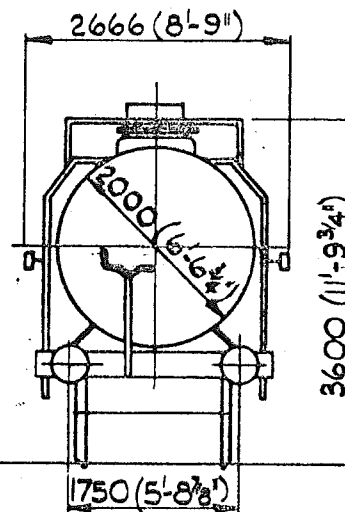
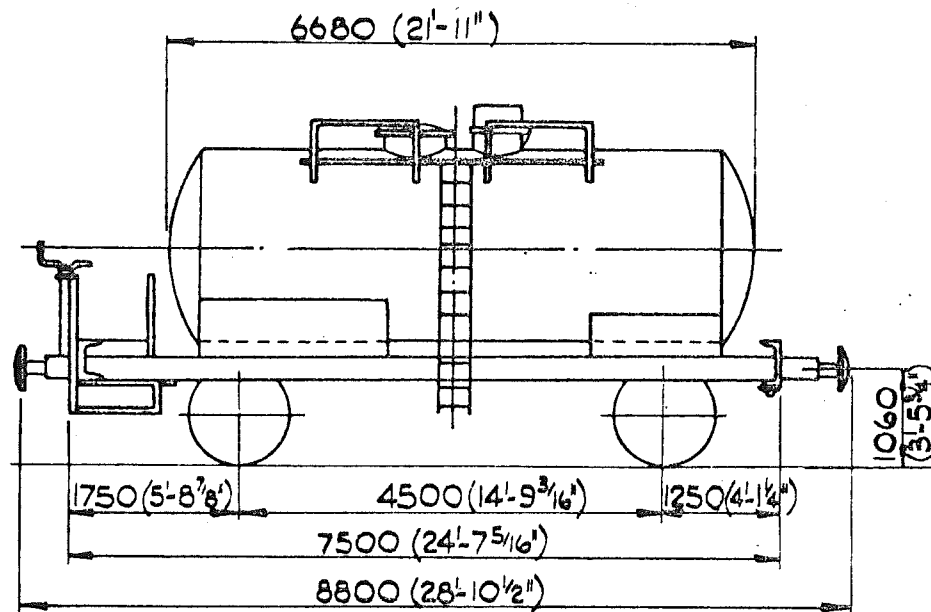
- REFRIGERATOR WAGON - INTERFRIGO - FRENCH.
- TYPE - Icefs.
- VEHICLE N^{os}. - 11 87 088 6 700 - 719.
- QTY. - 20.

VEHICLES ORIGINALLY SHOWN ON DIAGRAM E058.

TOPS CODE			OPERATING	
CARKND	AARKND		PANEL NO.	
I I X	7 R 4 2			

	H	M	L	E
TONS	32	26	19	15
V.B.	5	5	5	5
A.B.	13	13	6	6
R.A.	3	1	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	7			





E.609.

REV.1.

CAPACITY - 200hl - 4402 galls.

TANK MATL. - ALUMINUM.

POWER BRAKE - AIR BRAKE

VACUUM THRO' PIPE.

HANDBRAKE -

SCREW & HAND LEVER.

TARE. - 10000 kg.

LOAD. -

A	B	C
22t	26t	30t

TANK WAGON - GERMAN - DB. (B.A.S.F.)

TYPE - Ufh.

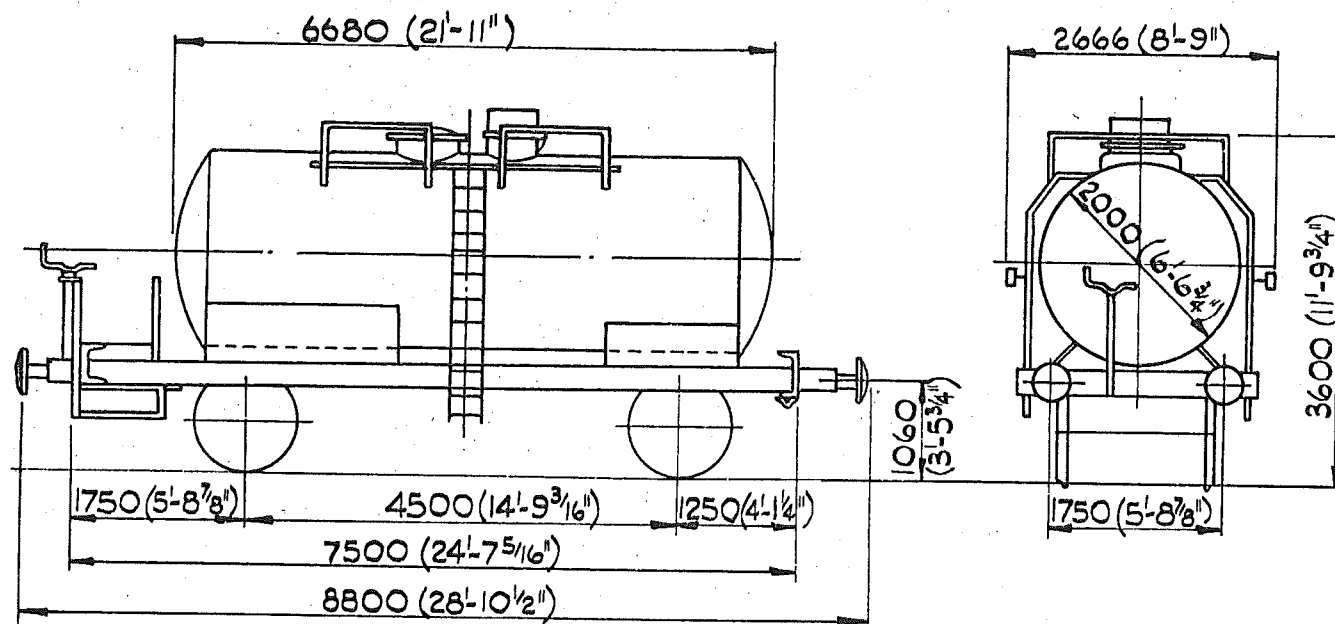
VEHICLE N° - 21 80 008 0 410 & 0 411.

QTY. - 2.

VACUUM PIPED VEHICLE ORIGINALLY SHOWN ON DIAGRAM E072.

TOPS CODE	
CARKNO	PLRATING
1 C B	1 C B A

	H	M	L	E
TONS	40	29	15	10
W.B.	0	0	0	0
A.B.	13	13	5	5
R.A.	6	2	1	1
MAY SPEED	50	50	50	50
EXCESS LENGTH	4			



E.609.

REV. 3.

CAPACITY - 200hl - 4402 galls.
 TANK MATL. - ALUMINUM.
 POWER BRAKE - AIR BRAKE
 VACUUM THRO' PIPE.
 HANDBRAKE -
 SCREW & HAND LEVER.
 TARE. - 10000 kg.

LOAD. -

A	B	C
22t	26t	30t

TANK WAGON - GERMAN - DB. (B.A.S.F.)

TYPE - Ufh.

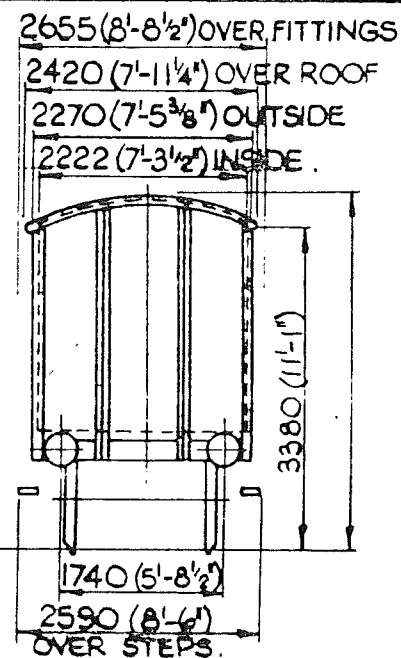
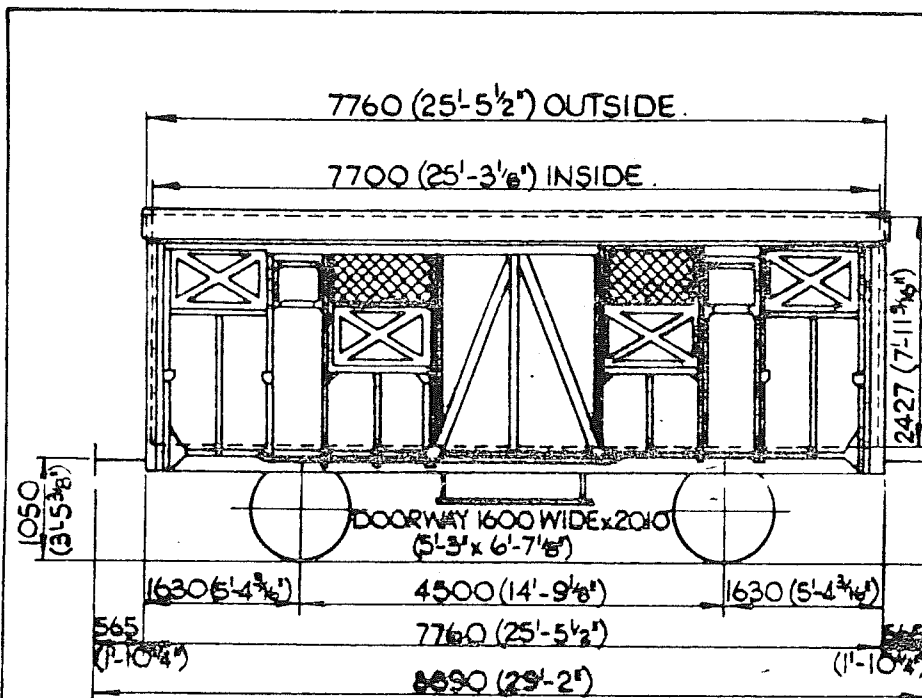
VEHICLE N° - 21 80 008 0 409, 411.

QTY. - 2.

VACUUM PIPED VEHICLE ORIGINALLY SHOWN ON DIAGRAM E072.

TOPS CODE	
CARKND	AARKND
ICB	ICBA

	H	M	L	E
TONS	40	29	15	10
V.B.	0	0	0	0
A.B.	13	13	5	5
R.A.	6	2	1	1
MAX SPEED	50	50	50	50
EXCESS LENGTH	4			



E. 610.
REV.

FLOOR AREA.-17.0m²/20.4 sq. yds
CU. CAP.-38.0m³/49.8 cu. yds.
FLOOR.-WOOD.
POWER BRAKE-
AIR BRAKE. VACUUM BRAKE.
HANDBRAKE-
SIDE LEVER.
TARE-11750 kg.
LOAD.-

	A	B	C
	20t		20t
S	14t		14t

COVER WAGON-FRENCH-S.N.C.F.-H.F.A. & H.K.A.

TYPE - Hfs.

VEHICLE Nos. - 21 87 214 0 436 TO 506.

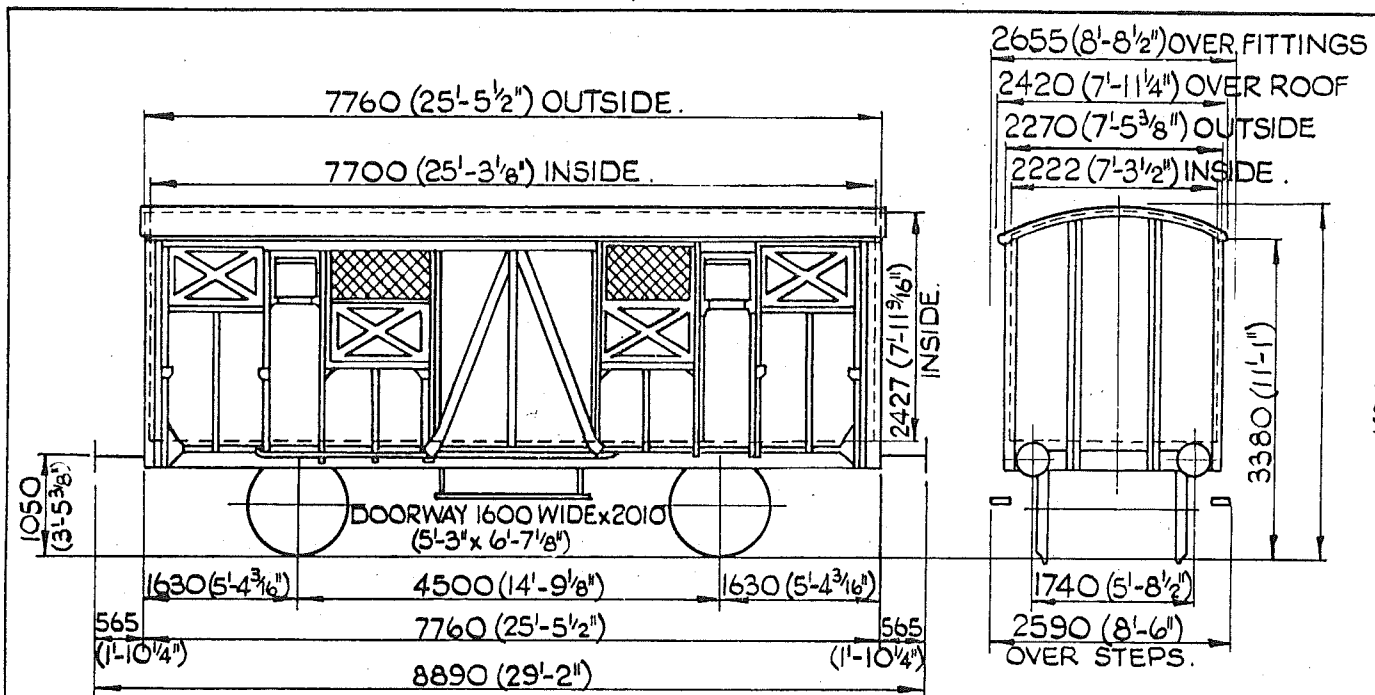
QTY. - 71.

DUAL BRAKED VEHICLES ORIGINALLY SHOWN
ON DIAGRAM E133.

FITTED WITH
STEAM PIPES.

TOPS CODE	
CARKND	AARKND
OPERATING	PANEL NO.
1 S X	7 F A 2

	H	M	L	E
TONS	32	26	17	12
V.B.	5	5	5	5
A.B.	13	13	5	5
R.A.	3	1	1	1
MAX SPEED	50	62	62	62
EXCESS LENGTH				4



E. 610.
REV. 2

FLOOR AREA.-17.0m²/20.4 sq. yds
CU. CAP.- 38.0m³/49.8 cu. yds.

FLOOR.- WOOD.

POWER BRAKE-

AIR BRAKE. VACUUM BRAKE.

HANDBRAKE-

SIDE LEVER.

TARE -11 750 kg.

LOAD.-

	A	B	C
	20t		20t
S	14t		14t

COVER WAGON-FRENCH-S.N.C.F.-H.F.A. & H.K.A.

TYPE - HFs.

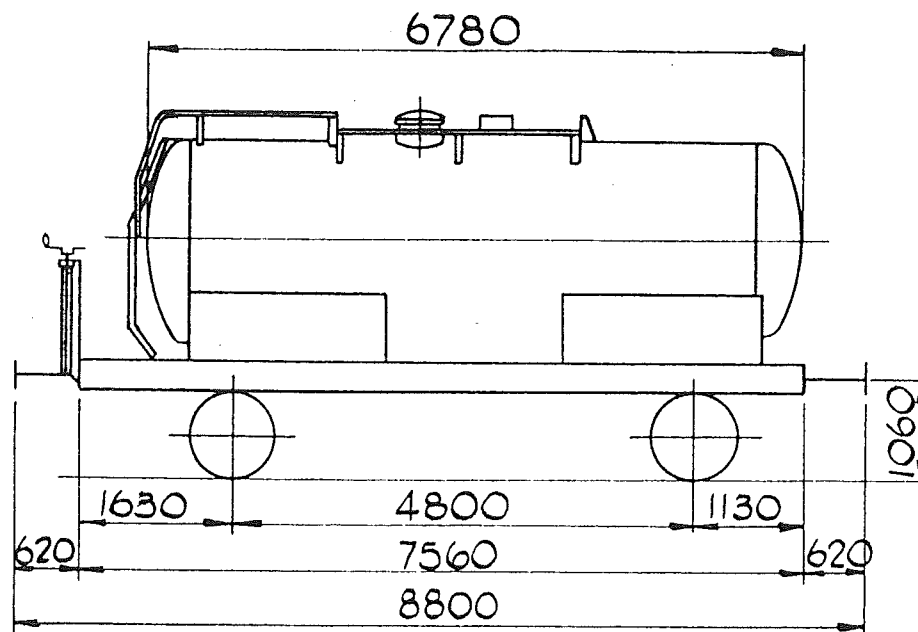
VEHICLE NOS. - 21 87 214 0 436 TO 499.

QTY. - 64.

FITTED WITH
STEAM PIPES.

TOPS CODE	
CARKND	AARKND
OPERATING	PANEL NO.
1 S X	1 S X B

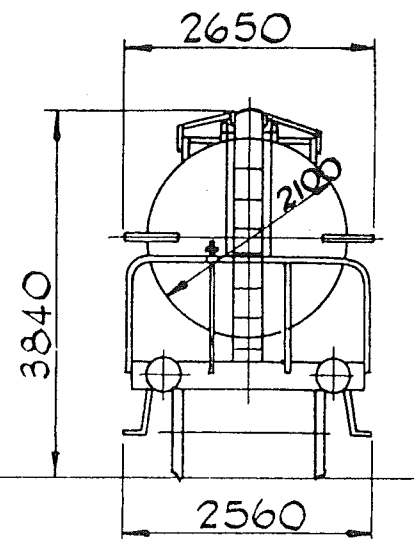
	H	M	L	E
TONS	32	26	17	12
V.B.	5	5	5	5
A.B.	13	13	5	5
R.A.	3	1	1	1
MAX. SPEED	50	62	62	62
EXCESS LENGTH				4



TANK WAGON - GERMAN - D.B. (V.T.G.)
TYPE - Ufh.

VEHICLE Nos - 21 80 078 0 379 380 381,
QTY. 7. 383-386.

G.A. DRG. No. - LINKE HOFMANN - BUSCH No. G.1594.01.00.



THESE WERE DUAL BRAKED
VEHICLES ORIGINALLY SHOWN
ON E182.

E.611.
REV. 1.

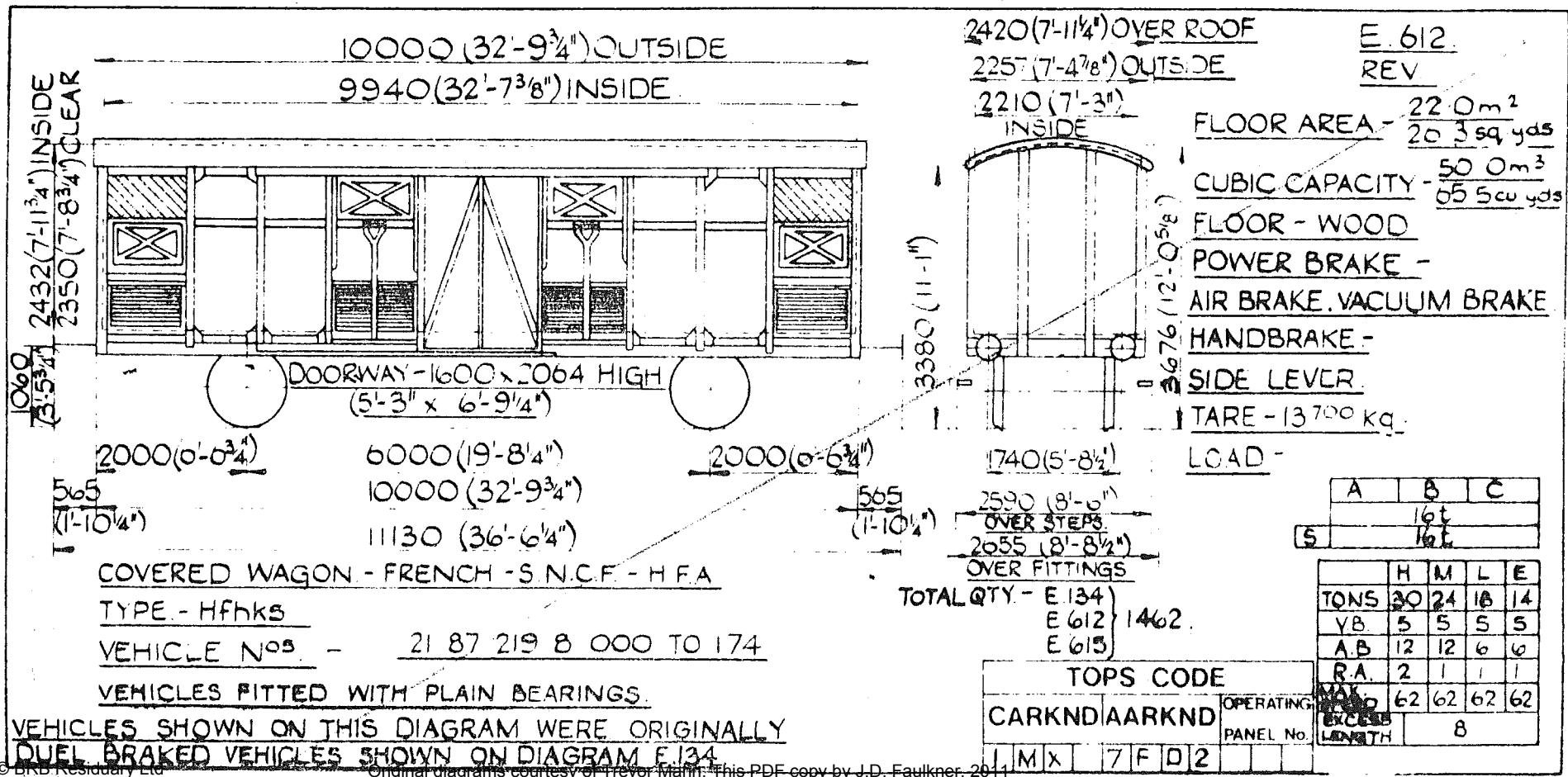
CAPACITY - 200 hl.
TANK MATL - ALUMINIUM
POWER BRAKE -
COMPRESSED AIR &
VAC. THRO' PIPE.
HANDBRAKE -
SCREW HAND LEVER.
TARE - 12⁰⁰⁰ kg.
LOAD -

A	B	C
20t	24t	28t

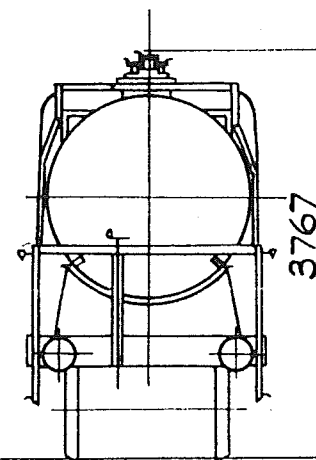
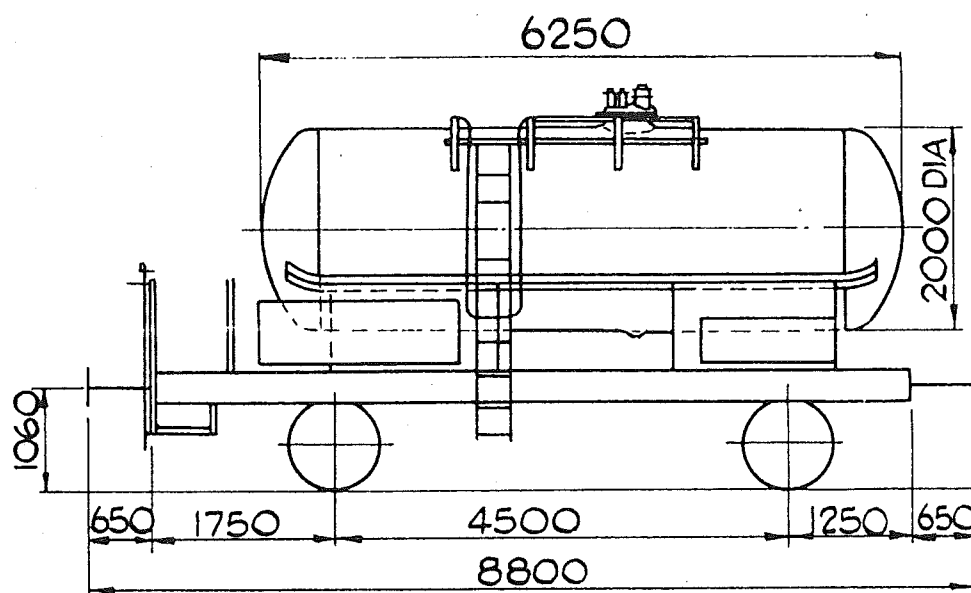
TOPS CODE	
CARKND	AARKND
1 C B	1 C B B

	H	M	L	E
TONS	40	29	17	12
V.B.	0	0	0	0
A.B.	13	13	5	5
R.A.	6	2	1	1
MAX	50	50	50	50
LENGTH	4			

all revised
5/2/79



E 613.
REV.3.



CAPACITY - 1800/3960 gals
TANK MATL. ALUMINIUM.
POWER BRAKE - COMPR.
AIR & VAC. THRO' PIPE
HANDBRAKE - SCREW,
LEVER.
TARE - 9500 kg.
LOAD -

A	B	C
22t		

TANK WAGON - GERMAN. D.B. (V.T.G.)

TYPE - Ufh.

VEHICLE NOS - 21 80 078 0 369,371 - 378

QTY. - 9.

THESE VEHICLES WERE ORIGINALLY
SHOWN ON DIAGRAM E007.

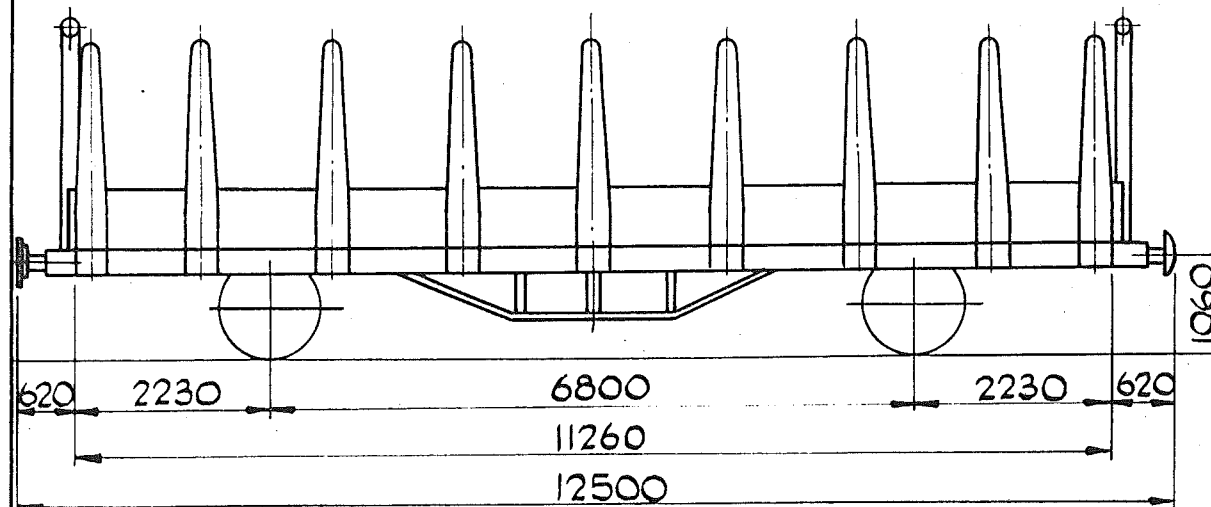
DRG. NR. 2324.01.266.

TOPS CODE			
CARKND	AARKND	OPERATING	
		PANEL No.	
1	C B	1	C B B

	H	M	L	E
TONS	32	24	16	10
V.B.	0	0	0	0
A.B.	16	16	5	5
R.A.	3	1	1	1
MAX SPEED	50	50	50	50
EXCESS LENGTH	4			

E614.

REV.1



FLOOR AREA - 28sq.yds
 FLOOR. - WOOD.
 POWER BRAKE - VAC.
 THRO' PIPE & AIR BRAKE
 HANDBRAKE -
 HANDLEVER.
 TARE - 12⁰⁰⁰ kg.
 LOAD -

	A	B	C
	19.5t	23.5t	27.5t
S	19.5t	23.5t	27.5t

OPEN WAGON - GERMAN - DB.

TYPE - Lf5.

VEHICLE N^o - 21 80 414 0 022.

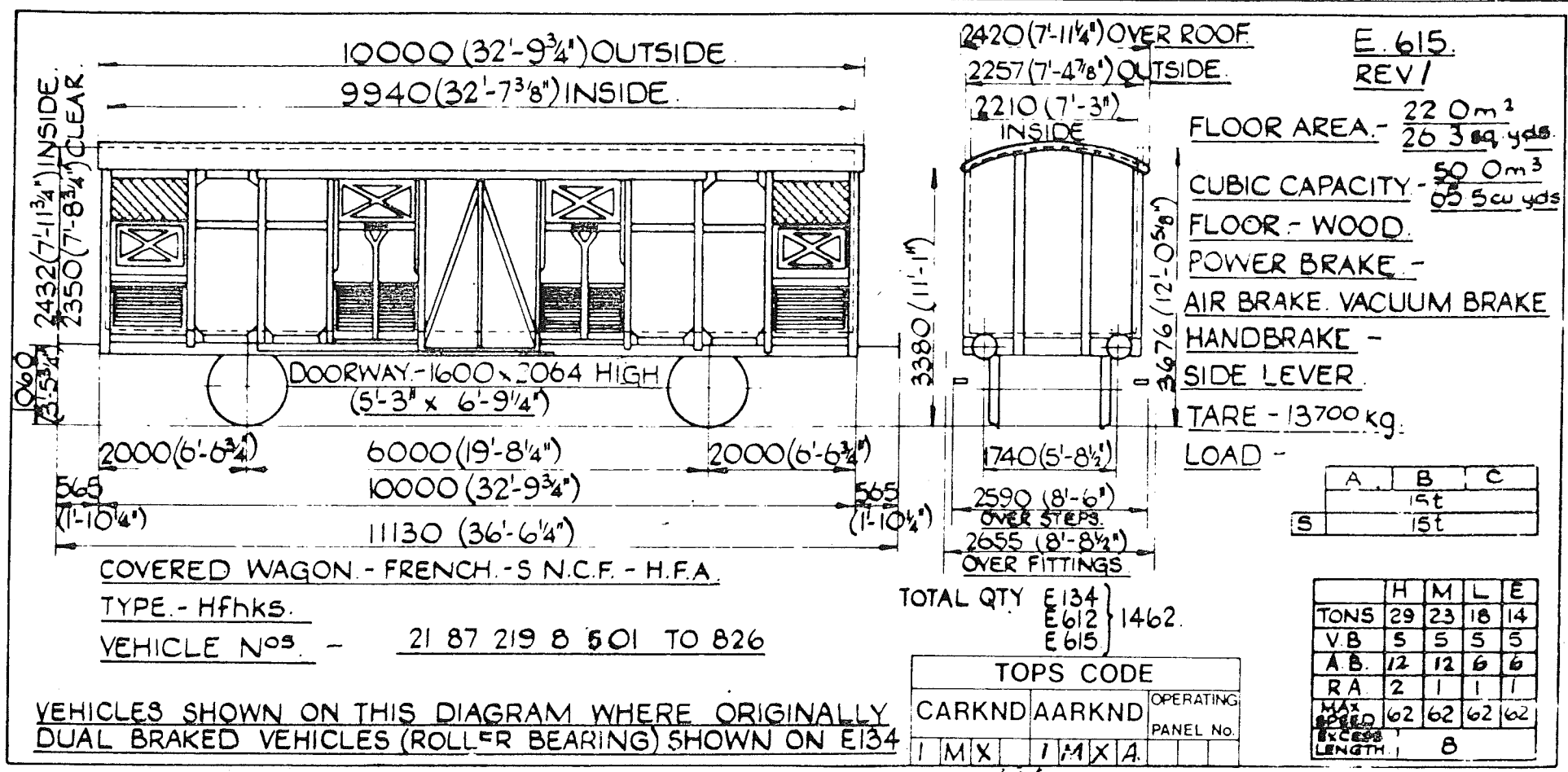
QTY. - 1.

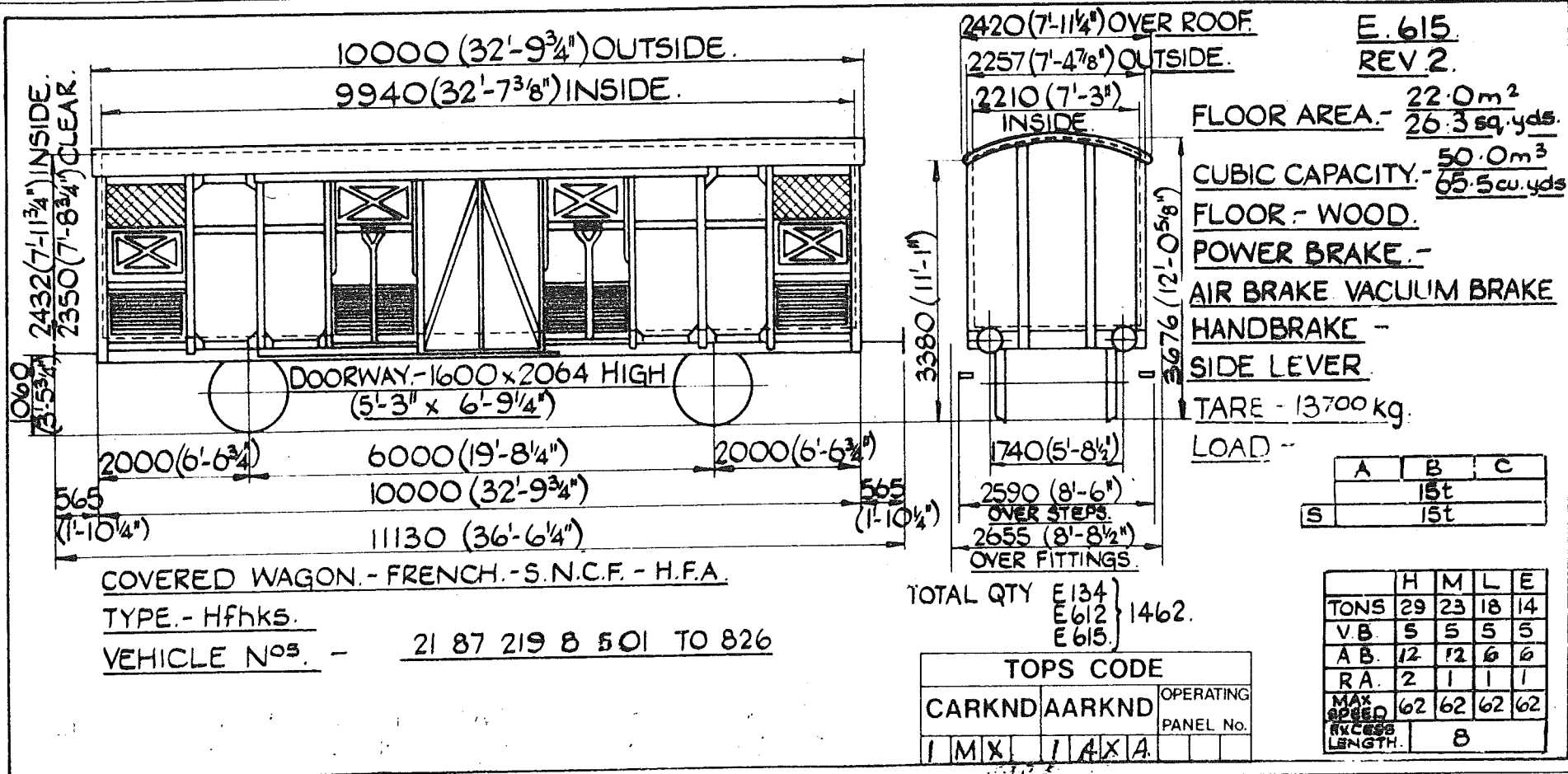
GA.DRG. N^o - Fwq. 2018. 01.1.

THIS VEHICLE WAS ORIGINALLY DUAL
 BRAKED & SHOWN ON DIAGRAM E061.

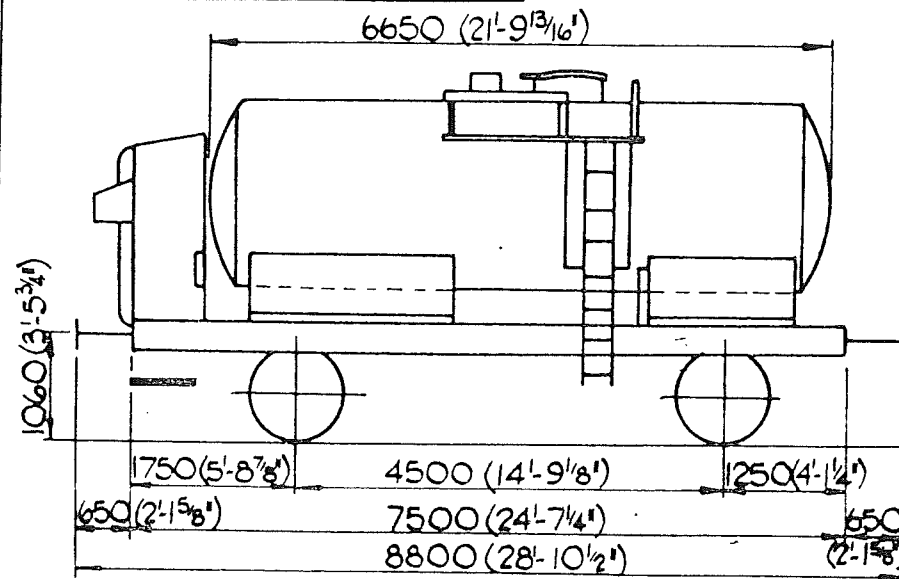
TOPS CODE
 CARKNO - 111111
 1 F B 1 F B A

	H	M	L	E
TONS	40	36	19	12
V.B.	0	0	0	0
A.B.	18	18	5	5
R.A.	6	5	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	10			





WAGON USED FOR THE CONVEYANCE OF STYRENE MONOMER ARE PAINTED
TO CONFORM WITH REGULATIONS FOR TANKS CARRYING
CLASS 'A' INFLAMMABLE LIQUIDS.



TANK WAGON.- GERMAN.- D.B.- V.T.G.

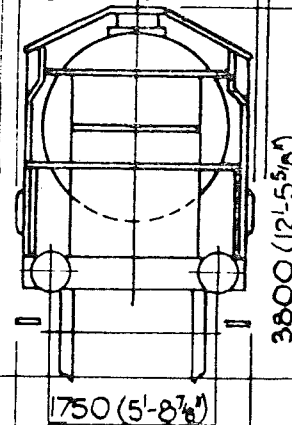
TYPE - Ufh.

VEHICLE N^{os} - SEE SEPERATE SHEET.

DUEL BRAKED VEHICLES ORIGINALLY
SHOWN ON DIAGRAM ET54.

2580 (8'-5 9/16") SCALED.

2500 (8'-2 7/16") OVER
COMMDES.



2387 (7'-9 3/4") SCALED
OVER STEPS.

CAPACITY.- 200hl/4 400 galls.

TANK MATL.-

POWER BRAKE.-

AIR BRAKE.

VACUUM BRAKE.

HANDBRAKE -

SIDE LEVER.

TARE - 12 500 Kg.

LOAD.

E616.

REV.

A	B	C
19t	19t	19t

	H	M	L	E
TONS	31	24	17	13
VB	5	5	5	5
A.B	9	9	5	5
R.A.	3	1	1	1
MAX WEIGHT LENGTH	50	50	50	50
	4			

QTY - 12.

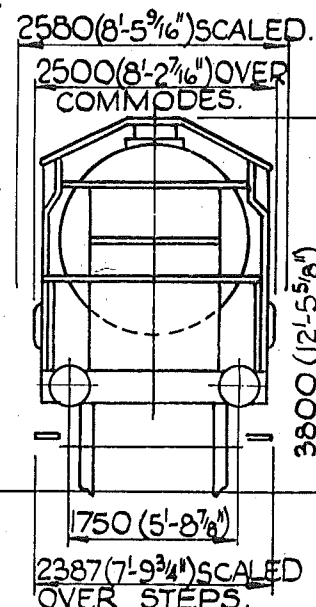
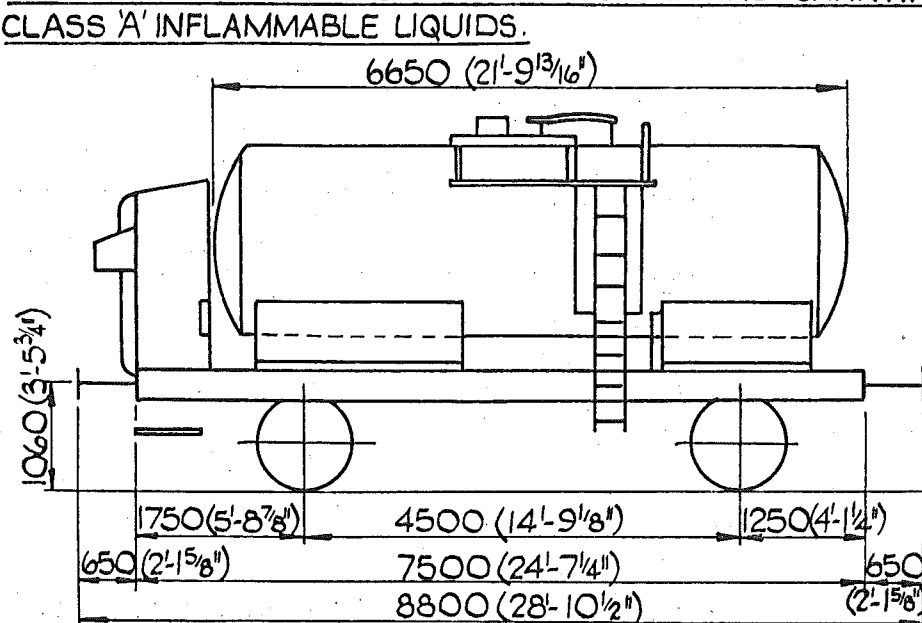
TOPS CODE

CARKND MARKND OPERATING

1 C X 7 W Z 2

WAGON USED FOR THE CONVEYANCE OF STYRENE MONOMER ARE PAINTED
TO CONFORM WITH REGULATIONS FOR TANKS CARRYING
CLASS 'A' INFLAMMABLE LIQUIDS.

E616.
REV 3.



CAPACITY - 200hl / 4400 galls.

TANK MATL. -
POWER BRAKE -
AIR BRAKE.
VACUUM BRAKE.

HANDBRAKE -
SIDE LEVER.
TARE - 12500 kg.
LOAD.

A	B	C
19t	19t	19t

TANK WAGON - GERMAN - D.B. - V.T.G.

TYPE - Ufh.

VEHICLE N^{OS} - 21 80 078 0303.308391.

TOPS CODE

DUAL BRAKED VEHICLES ORIGINALLY
SHOWN ON DIAGRAM E154.

CARKND	AARKND	OPERATING
PANEL No.		
I C X	I C X B	

	H	M	L	E
TONS	31	24	17	13
V.B.	5	5	5	5
A.B.	9	9	5	5
R.A.	3	1	1	1
MAX SPEED	50	50	50	50
EXCESS LENGTH		4		

QTY - 3.

E. 616
REV.

21 80 078 0 217.
21 80 078 0 228.
21 80 078 0 231 TO 232
21 80 078 0 241
21 80 078 0 249
21 80 078 0 270 TO 271.
21 80 078 0 303.
21 80 078 0 308.
21 80 078 0 329.
21 80 078 0 391.

Widdowson 1/10/81

E. 616.

REV. 2.

21 80 078 0 231 TO 232

21 80 078 0 241

21 80 078 0 249

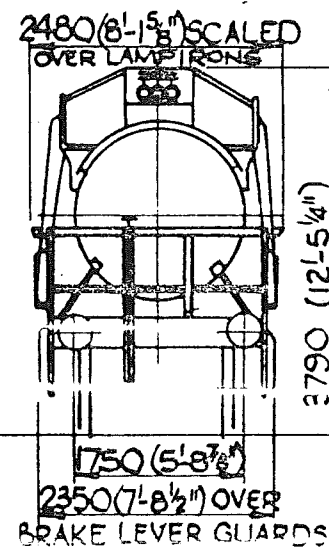
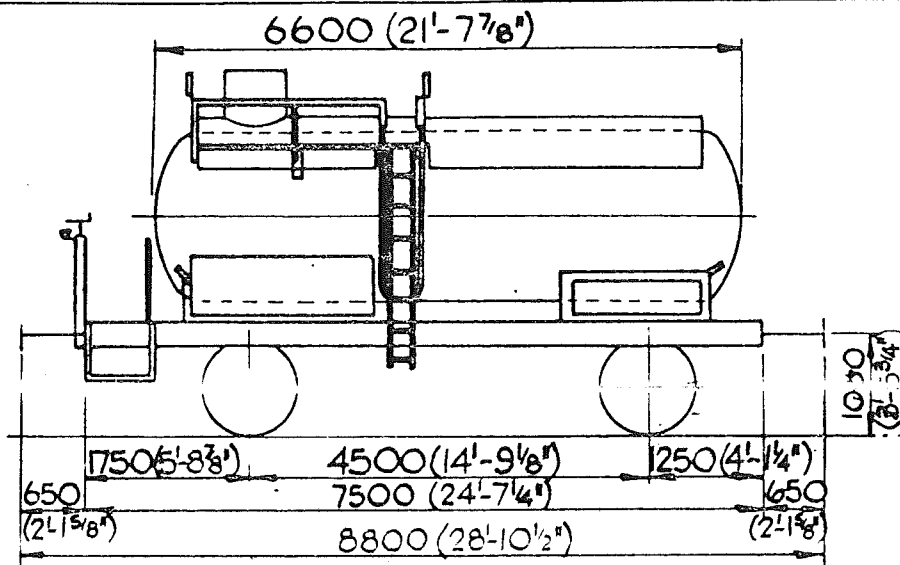
21 80 078 0 270 TO 271.

21 80 078 0 303.

21 80 078 0 308.

21 80 078 0 329.

21 80 078 0 391.



E. 617.
REV. I.

CAPACITY - 154 hl / 3400 galls.

TANK MATL -

POWER BRAKE -

AIR BRAKE.

VACUUM THRO PIPE.

HANDBRAKE -

SCREW & SIDE LEVER.

TARE - 14 000 kg.

LOAD -

TANK WAGON - GERMAN - D.B. - V.T.G.

TYPE - Ufh.

VEHICLE N^{os} - 21 80 078 0 116, 117, 118, 122 & 133.

QTY - 5.

G.A. DRG. N^o. - 151. 01. 006a & b.

VAC. PIPED VEHICLES ORIGINALLY SHOWN ON DIAGRAM E158.

A	B	C
18t	18,8t	18,8t

	H	M	L	E
TONS	32	26	19	14
V.B.	0	0	0	0
A.B.	9	9	5	5
R.A.	3	1	1	1
MAX	50	50	50	50
EXCESS				
MINI	4			

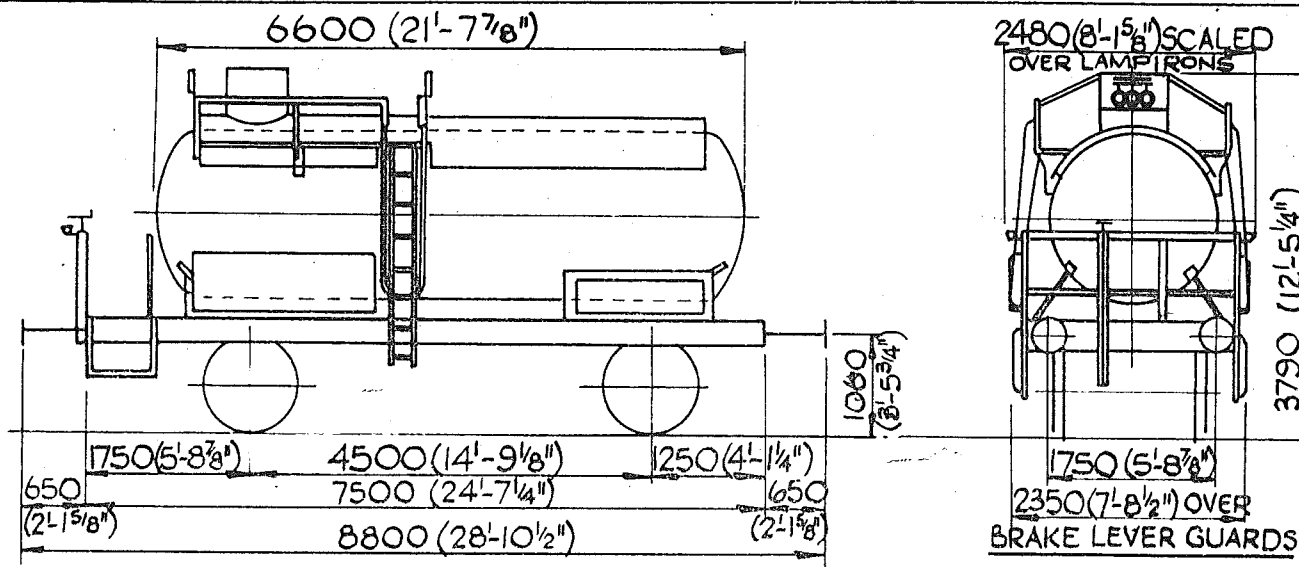
TOPS CODE

CARKND AARKND

OPERATING

PANEL No.

T C B T C B B



TANK WAGON - GERMAN - D.B. - V.T.G.

TYPE - Ufh.

VEHICLE N^{os} - 21 80 078 0 116, 117, 118, 122, 123, 132, 133 & 140.

QTY. - 8.

G.A. DRG. N^o. - 151. 01. 006a & b.

VAC. PIPED VEHICLES ORIGINALLY SHOWN ON DIAGRAM E158.

E. 617.
REV. 2.

CAPACITY - 154 hl/3400 galls.

TANK MATL. -

POWER BRAKE -

AIR BRAKE.

VACUUM THRO' PIPE

HANDBRAKE -

SCREW & SIDE LEVER.

TARE - 14 000 kg.

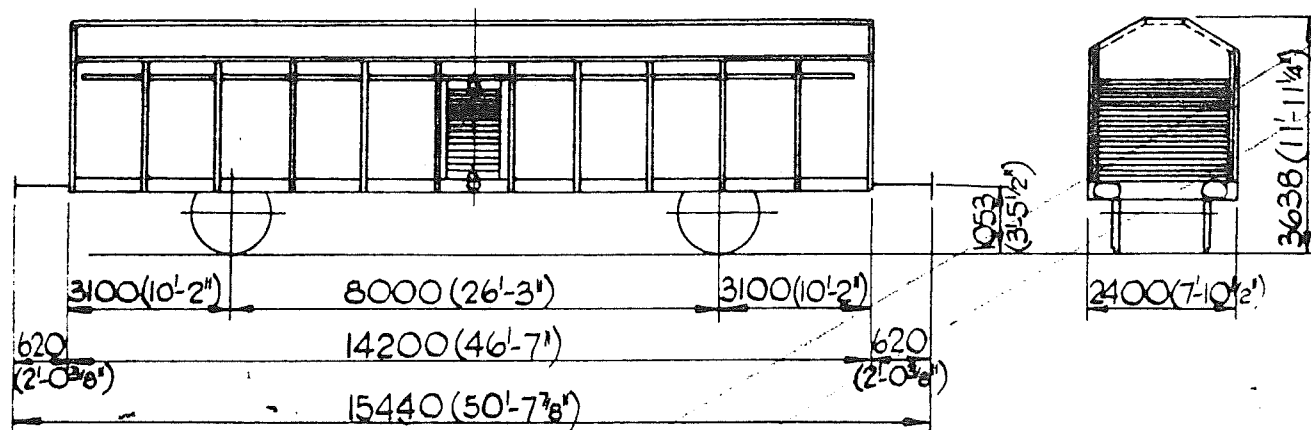
LOAD -

A	B	C
18t	18.8t	18.8t

	H	M	L	E
TONS	32	26	19	14
V.B.	0	0	0	0
A.B.	9	9	5	5
R.A.	3	1	1	1
MAX. EXCESS LENGTH	50	50	50	50

TOPS CODE

CARKND	AARKND	OPERATING
ICB	ICBB	PANEL No.



MOTOR CAR WAGON - BELGIAN - S.N.C.B. - SOCIETE SEBIC

TYPE - Hfs.

VEHICLE N^{os} - 21 88 028 4 002, 004 & 007.

QTY. - 3.

VAC. PIPED VEHICLES ORIGINALLY SHOWN
ON DIAGRAM E 169.

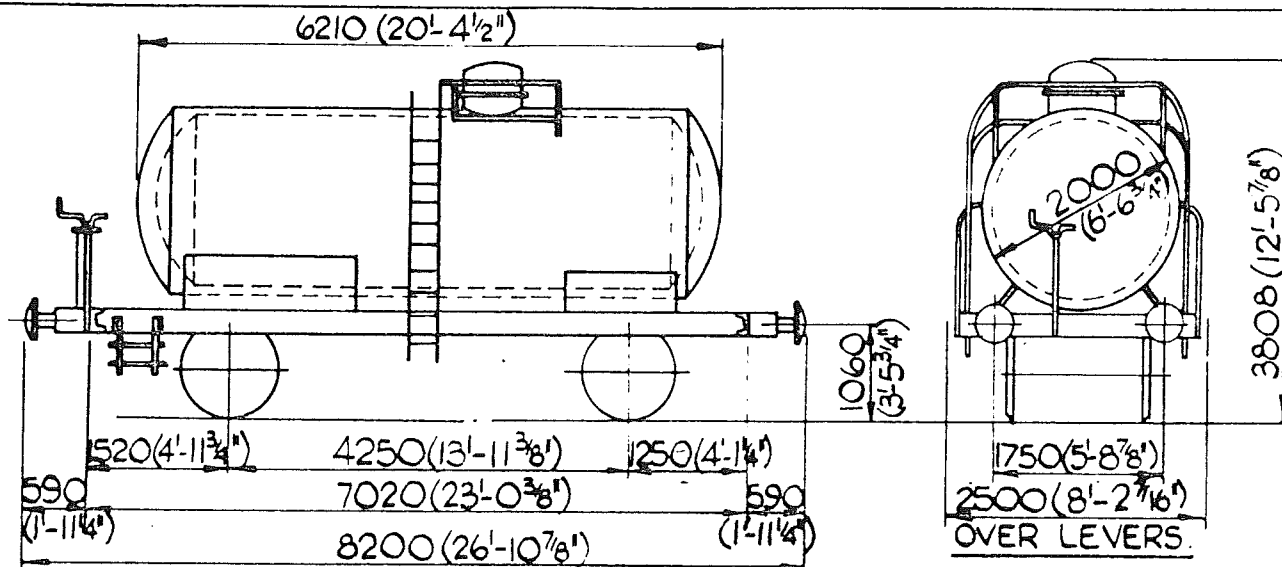
G.A. DRG. N^o - 1.A.F.B.

E. 618.
REV.
FLOOR AREA - 29.7m³
35.6sq. yds
CU. CAP. - 59.2m³ / 77.5cu. yds.
FLOOR -
POWER BRAKE -
AIR BRAKE.
VACUUM THRO' PIPE.
HANDBRAKE -
SIDE LEVER.
TARE - 15500 kg.
LOAD -

A	B	C
10t		10t
5	10t	10t

	H	M	L	E
TONS	24	21	17	15
V.B.	0	0	0	0
A.B.	10	10	10	10
R.A.	1	1	1	1
W.B.	62	62	62	62
W.B.	13			

TOPS CODE
CARKND AARKND
OPERATING
PANEL NO.
1 P B 7 B N 5



E.619

REV

CAPACITY - 135 hl / 2970 galls.

TANK MATL -

POWER BRAKE -

AIR BRAKE. VAC. THRO' PIPE

HANDBRAKE -

SCREW & SIDE LEVER

TARE - 14 580 kg.

LOAD -

A	B	C
17,6t	20t	

TANK WAGON - FRENCH - S.N.C.F. - SOCIETY ETHYL

TYPE - Ufh.

VEHICLE NOS - 21 87 078 2 043, 044, 047, 049, 051, 054 TO

QTY - 10

056 058 & 061.

VEHICLES SHOWN ON THIS DIAGRAM WERE ORIGINALLY
AIR BRAKED VEHICLES SHOWN ON DIAGRAM E 171.

G.A. DRG. - SFAC. SCHNEIDER N° 6.

TOPS CODE

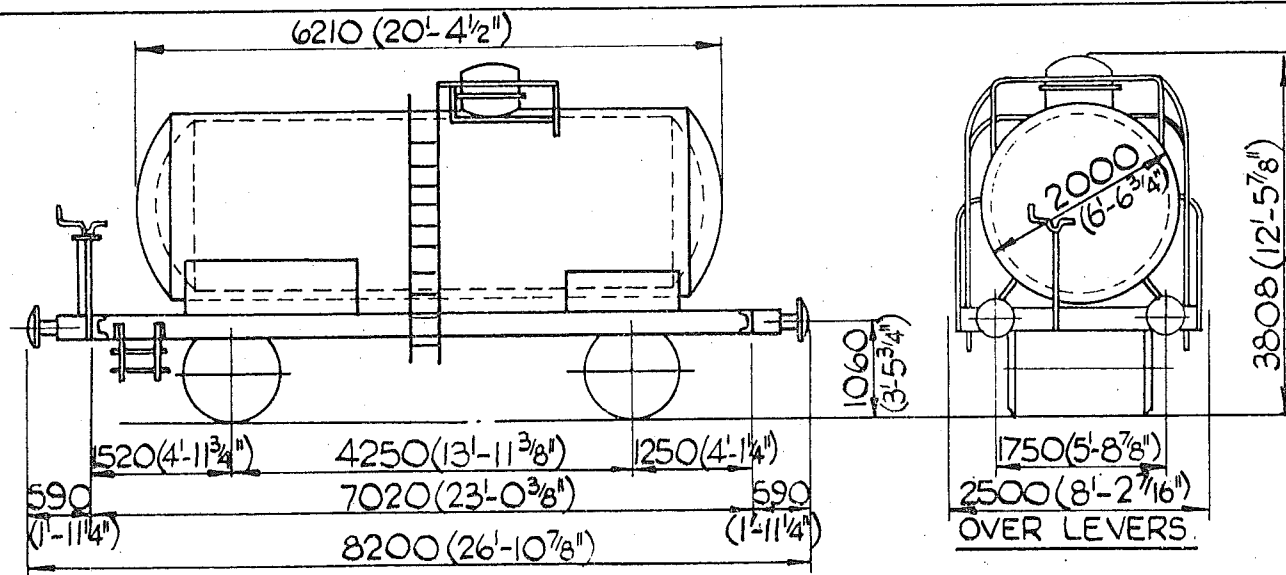
CARKND AARKND

OPERATING

PANEL

1 C B 7 F Z 5

	H	M	L	E
TONS	34	27	20	15
VB	0	0	0	0
AB	1	1	5	5
BA	4	1	1	1
50	50	50	50	50
3				



E.619.

REV.1

CAPACITY - 135 hl / 2970 galls.

TANK MATL -

POWER BRAKE -

AIR BRAKE. VAC. THRO' PIPE.

HANDBRAKE -

SCREW & SIDE LEVER.

TARE - 14 580 kg.

LOAD -

A	B	C
17,6t	20t	

TANK WAGON - FRENCH - S.N.C.F. - SOCIETY ETHYL.

TYPE - Ufh.

VEHICLE N^{os} - 21 87 078 2 043, 044, 047, 049, 051, 054 TO

QTY - 10.

056 058 & 061.

VEHICLES SHOWN ON THIS DIAGRAM WERE ORIGINALLY
AIR BRAKED VEHICLES SHOWN ON DIAGRAM E 171.

G.A. DRG. - SFAC. SCHNEIDER N^o. 6.

TOPS CODE

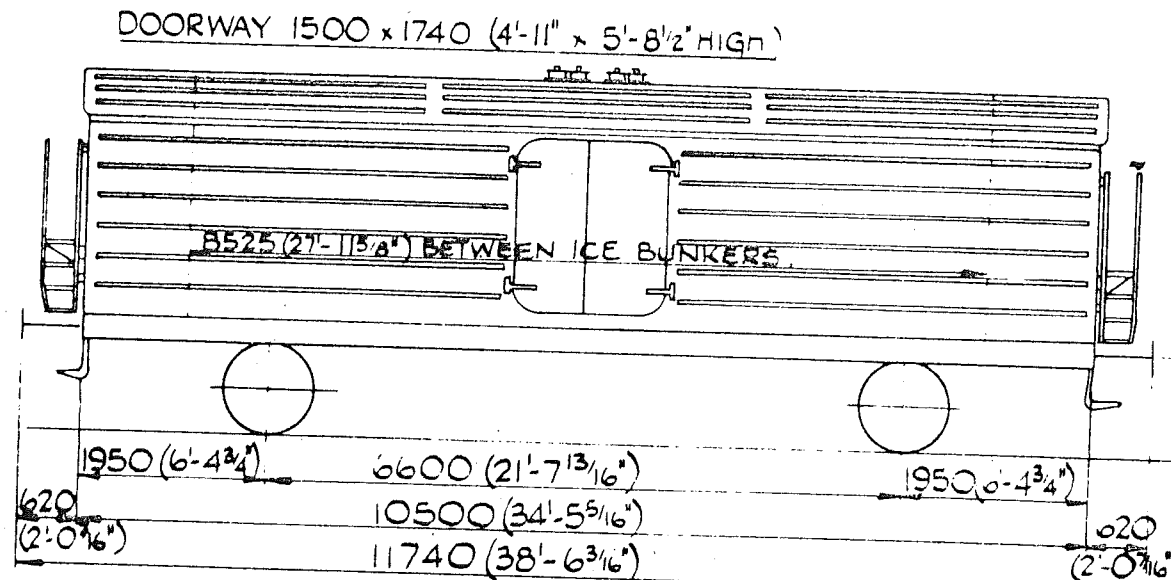
CARKND AARKND

OPERATING

PANEL No.

1 C B 1 C B B

	H	M	L	E
TONS	34	27	20	15
V.B.	0	0	0	0
A.B.	11	11	5	5
R.A.	4	1	1	1
MAX. SPEED	50	50	50	50
EXCESS LENGTH		3.		



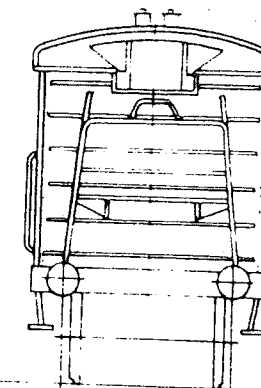
REFRIGERATOR VAN - HUNGARIAN - M.A.V.

TYPE & VEHICLE N^o - lcfhmgrs - 12 55 809 8 001-005.

EX. DIAGRAM E 183

GA. DRG. N^o - V.E.B. WAGGONBAU DESSAU N^o 339/137

2670 (8'-9 1/8") OVER
DOOR FASTENERS



1740 (SCALED)
(5'-8 1/2")

MAX. HEIGHT 3837 (12'-7") SCALED

E 620
REV.

FLOOR AREA -
17.3 sqm / 20.6 sq yds

CU CAPACITY -
30 cu.m / 40 cu yds

FLOOR -
METAL GRATINGS

POWER BRAKE -
AIR BRAKE VACTHRO PIPE

HANDBRAKE -
HAND LEVER

TARE - 16500 kg.
LOAD -

	A	B	C
	15.5t	19.5t	
S	15.5t	19.5t	

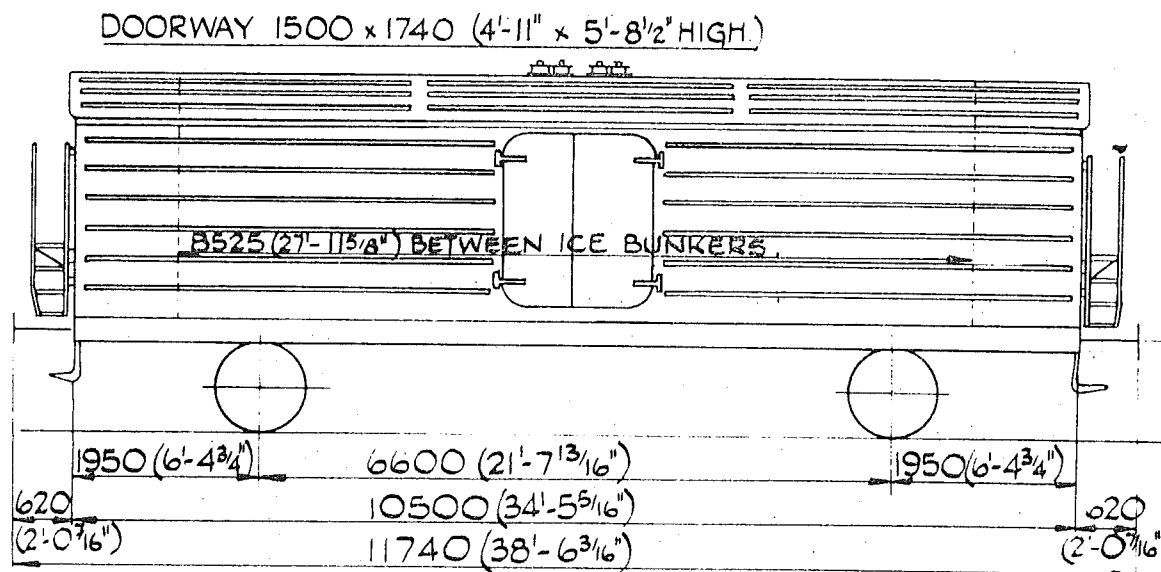
	H	M	L	E
TONS	36	29	21	17
V.B.	0	0	0	0
A.B.	21	21	13	13
R.A.	5	2	1	1
MAX	62	62	62	62
LENGTH	9			

QTY 5.

TOPS CODE

CARKND AARKND OPERATING

11 B 17 R 4 5



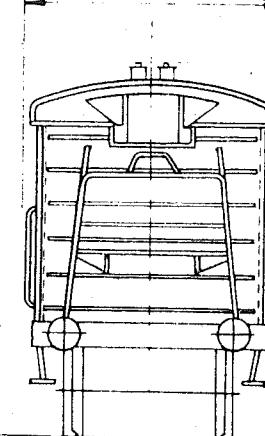
REFRIGERATOR VAN - HUNGARIAN - M.A.V.

TYPE & VEHICLE N^o. - lcfhms - 12 55 809 7 001-005.

EX. DIAGRAM E 183.

G.A. DRG. N^o. - V.E.B. WAGGONBAU. DESSAU. N^o 339/137.

2670 (8'-9 1/8") OVER
DOOR FASTENERS



1740 (SCALED)
(5'-8 1/2")

MAX. HEIGHT 3837 (12'-7") SCALED

E 620
REV. 1.

FLOOR AREA. -
17.3sqm / 20.6sq yds

CU CAPACITY. -
30.6cu.m / 40cu.yds.

FLOOR -
METAL GRATINGS.

POWER BRAKE. -

AIR BRAKE. VAC. THRO' PIPE

HANDBRAKE -

HAND LEVER.

TARE - 16⁵⁰⁰ kg.

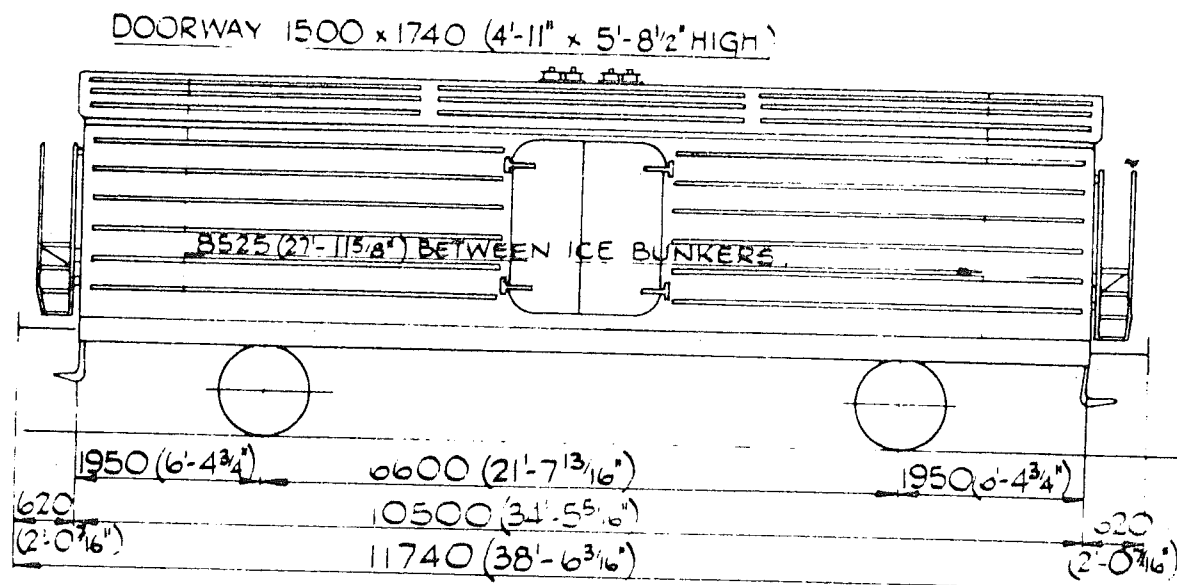
LOAD -

	A	B	C
	15.5t		19.5t
S	15.5t		19.5t

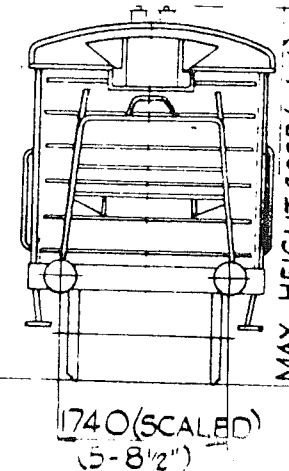
	H	M	L	E
TONS	36	29	21	17
V.B.	0	0	0	0
A.B.	21	21	13	13
R.A.	5	2	1	1
MAX	62	62	62	62
PLATE				
QTY	5			

TOPS CODE

CARKND	AARKND	OPERATING
		PANEL No.
11B	11BH	



2670 (8'-9 1/8") OVER
DOOR FASTENERS



E 621.
REV.
FLOOR AREA -
17.3sq.m./20.6sq.yds.
CU CAPACITY -
30bcm/40cu.yds.
FLOOR -
METAL GRATINGS.
POWER BRAKE -
AIR BRAKE, VAC BRAKE
HANDBRAKE -
HAND LEVER.
TARE - 16500 Kg.
LOAD -

	A	B	C
	15.5t		19.5t
S	15.5t		19.5t
SS		15.5t	

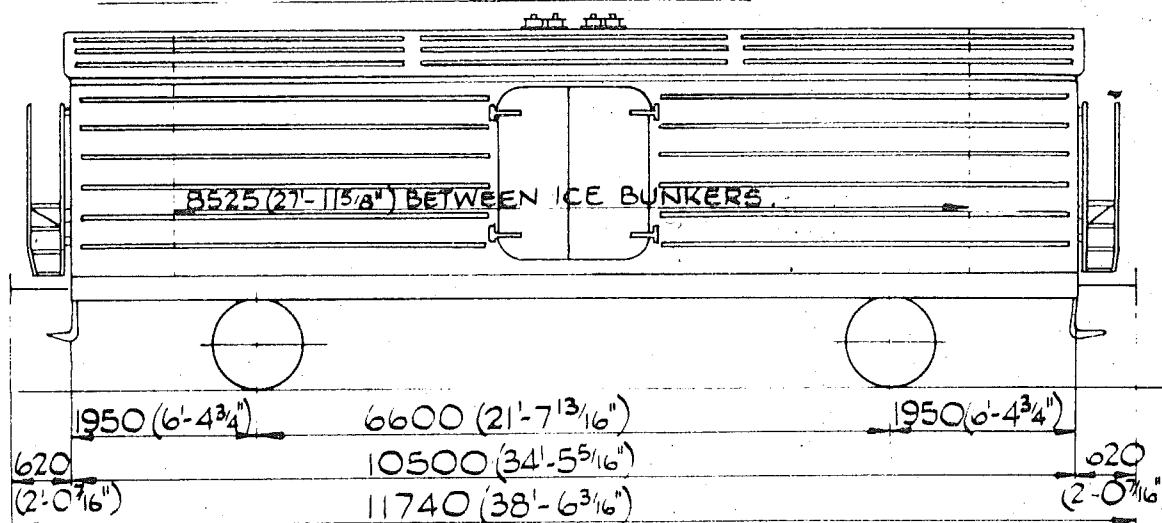
	H	M	L	E
TONS	36	22	21	17
V.B.	5	5	5	5
A.B.	25	25	15	11
R.A.	5	3	1	1
MAX	62	75	75	75
Limit		5		

REFRIGERATOR VAN - HUNGARIAN - M.A.V.
TYPE & VEHICLE N° - lcfhmqrss 12 55 809 9 000,006 - 099.
QTY. - 95.

EX DIAGRAM E.183.
G.A.DRG. N° - V.E.B. WAGGONBAU, DESSAU. N° 339/137.

TOPS CODE	
CARKND	AARKND
OPERATING	PANEL NO
11X	7R42

DOORWAY 1500 x 1740 (4'-11" x 5'-8 1/2" HIGH.)



REFRIGERATOR VAN - HUNGARIAN - M.A.V.

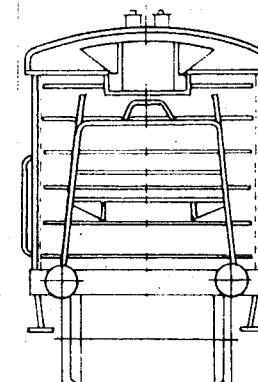
TYPE & VEHICLE N^o. - lc fhm ss - 12 55 829 8 000,006 - 099.

QTY. - 95.

EX DIAGRAM E.183.

G.A.DRG. N^o. - V.E.B. WAGGONBAU, DESSAU. N^o. 339/137.

2670 (8'-9 1/8") OVER
DOOR FASTENERS.



E 621.
REV. I

FLOOR AREA. -

17.3 sq.m./20.6 sq.yds

CU. CAPACITY. -

30.6 cu.m./40 cu.yds.

FLOOR -

METAL GRATINGS.

POWER BRAKE -

AIR BRAKE, VAC. BRAKE

HANDBRAKE -

HAND LEVER.

TARE - 16500 Kg.

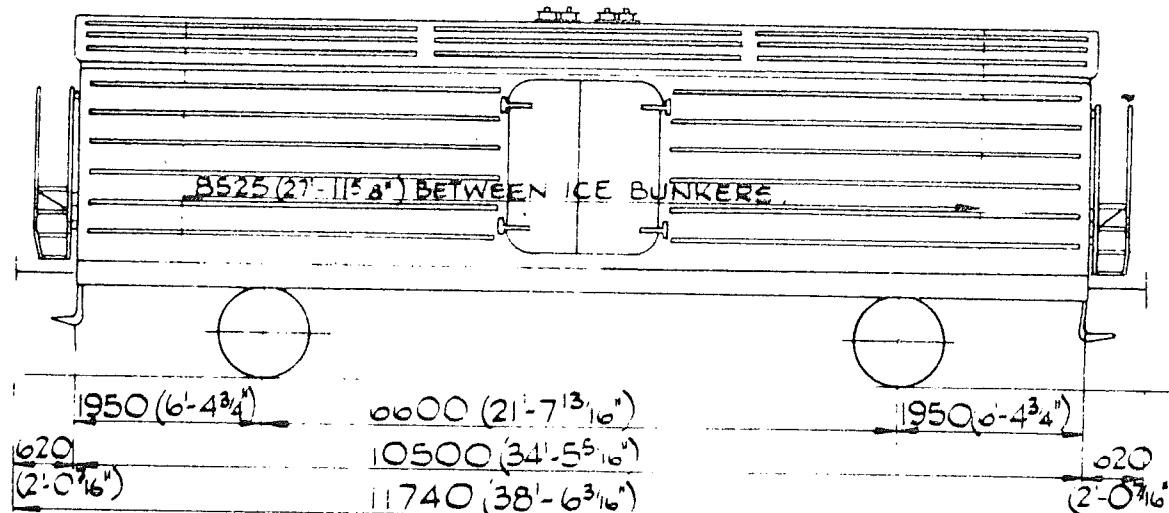
LOAD -

	A	B	C
	15.5t	19.5t	
S	15.5t	19.5t	
SS		15.5t	

	H	M	L	E
TONS	36	32	21	17
V.B.	5	5	5	5
A.B.	25	25	15	11
R.A.	5	3	1	1
MAX. SPEED	62	75	75	75
EXCESS LENGTH			9	

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
11X	11XH	

DOORWAY 1500 x 1740 (4'-11" x 5'-8 1/2" HIGH)



REFRIGERATOR VAN - HUNGARIAN - M.A.V.

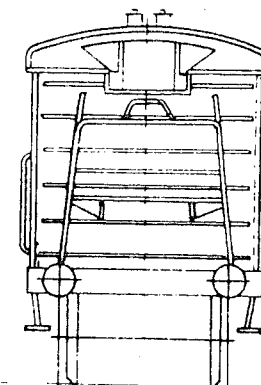
TYPE & VEHICLE N^o - lcfhmqr5 - 12 55 80^o 9 001 - 005.

QTY - 5.

EX. DIAGRAM E.183.

G.A. DRG. N^o. - WAGGONBAU, DESSAU, N^o 339/137.

2670 (8'-9 1/8") OVER
DOOR FASTENERS.



1740 (SCALED)
(5'-8 1/2")

MAX. HEIGHT 3837 (12'-7") SCALED

E 622
REV.

FLOOR AREA -
17.3 sqm / 20.6 sq yds

CU CAPACITY -
30 bcu m. 40 cu yds.

FLOOR -
METAL GRATINGS.

POWER BRAKE -
AIR BRAKE VAC. THRO. PIPE

HANDBRAKE -
HAND LEVER.

TARE - 16⁵⁰⁰ kg.
LOAD -

	A	B	C
	15.5t	19.5t	
S	15.5t	19.5t	

	H	M	L	E
TONS	33	32	21	17
V.B	0	0	0	0
A.B	28	25	15	11
RA	5	8	1	1
RA	62	75	75	75
RA				9

TOPS CODE

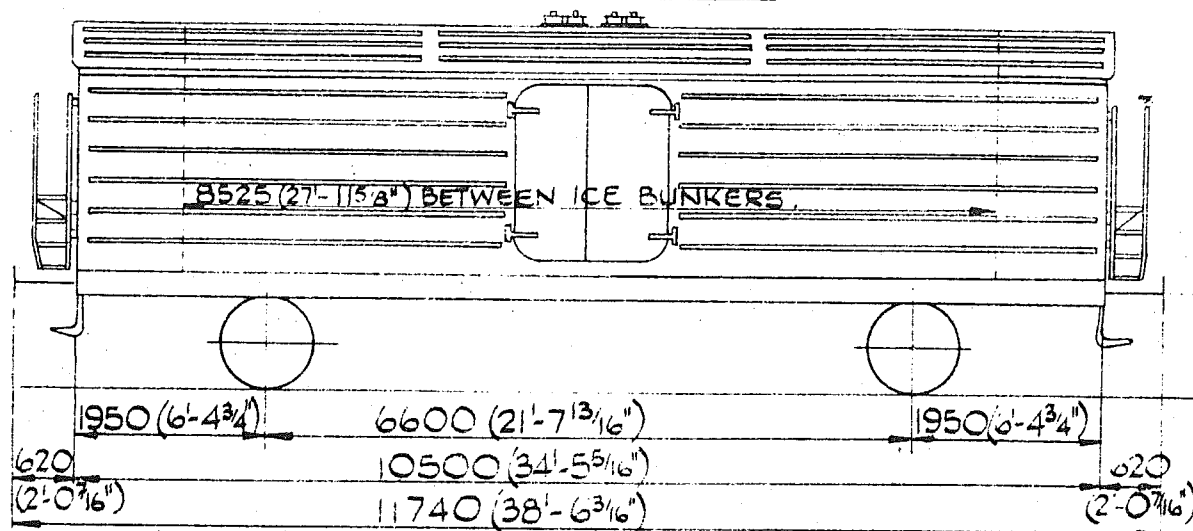
CARKND AARKND

OPERATING

PANEL N^o.

11B 7R45

DOORWAY 1500 x 1740 (4'-11" x 5'-8 1/2" HIGH.)



REFRIGERATOR VAN - HUNGARIAN - M.A.V.

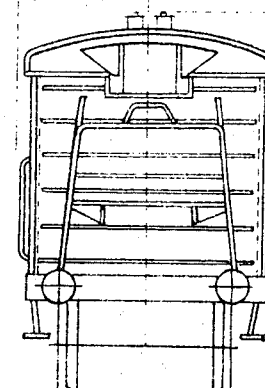
TYPE & VEHICLE No. - lc fhmss - 12 55 829 9 001-005.

QTY - 5.

EX. DIAGRAM E.183.

G.A. DRG. No. - WAGGONBAU, DESSAU, No 339/137.

2670 (8'-9 1/8") OVER
DOOR FASTENERS.



1060
(3'-5 3/4")

MAX. HEIGHT 3837 (12'-7") SCALED

E 622
REV 4

FLOOR AREA -

17.3 sq.m / 20.6 sq.yds

CU. CAPACITY -

30.6 cu.m / 40 cu.yds.

FLOOR -

METAL GRATINGS.

POWER BRAKE -

AIR BRAKE VAC. THRO. PIPE

HANDBRAKE -

HAND LEVER.

TARE - 16,500 kg.

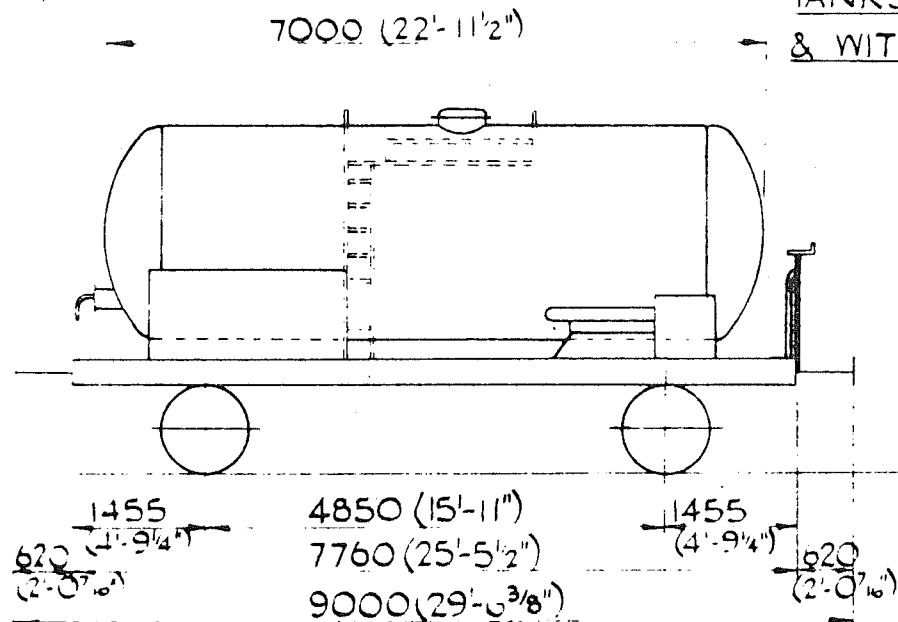
LOAD -

	A	B	C
SS	15.5t	15.5t	15.5t

	A	B	C
S	15.5t	15.5t	15.5t

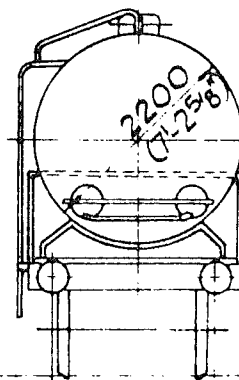
TOPS CODE		
CARKND	AARKND	OPERATING
11B	11BH	PANEL No.

	H	M	L	E
TONS	36	32	21	17
V.B	0	0	0	0
A.B	25	25	15	11
RA	5	5	1	1
MAX	62	75	75	75
ENR	9			



TANKS FITTED WITH HEATING COILS
& WITH BOTTOM OUTLETS BLANKED OFF.

E 623
REV



1750 (5'-8 7/8")
2460 (8'-0 7/8")
OVERALL (SCALED)

CAPACITY - 240hl 5280galls
TANK MATL - STAINLESS STEEL
POWER BRAKE -
AIR BRAKE
VACUUM BRAKE.

HANDBRAKE -
SCREW & SIDE LEVER
TARE - 11800 kg

LOAD -

A	B	C
20.2t	24.2t	28.2t

TANK WAGON - ITALIAN - F.S. - SOCIÉTÉ SICEDISON

TYPE - Ufh

VEHICLE N°. 21 83 078 0 027 TO 032

QTY - 6

G.A. DRG - CARRO CISTERNA N°. 233-60.0150/00

TOPS CODE

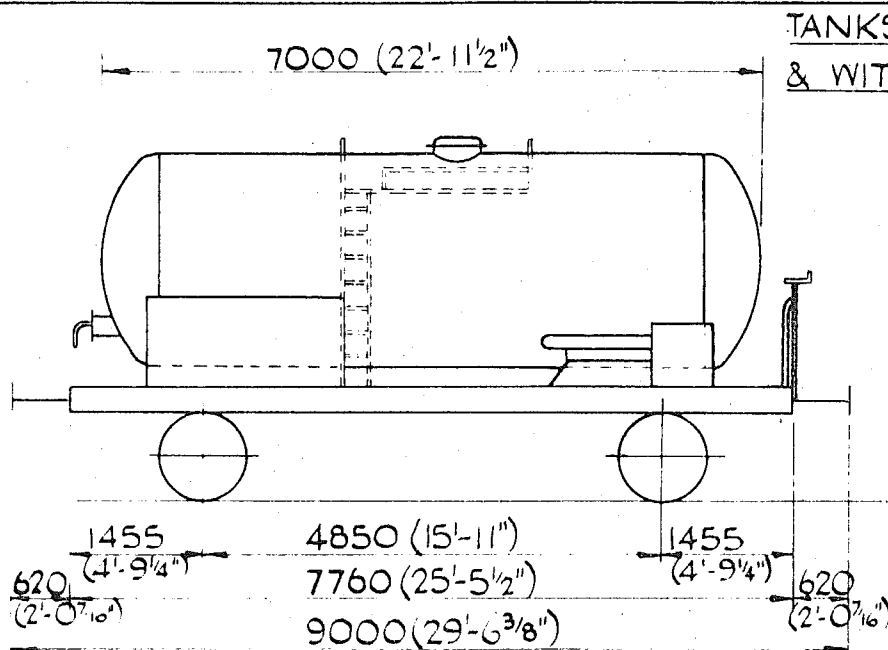
CARKND AARKND OPERATING

PANEL No.

1 C X 7 1 2 2

VEHICLES SHOWN ON THIS DIAGRAM WERE ORIGINALLY
DUEL BRAKED VEHICLES SHOWN ON E 225.

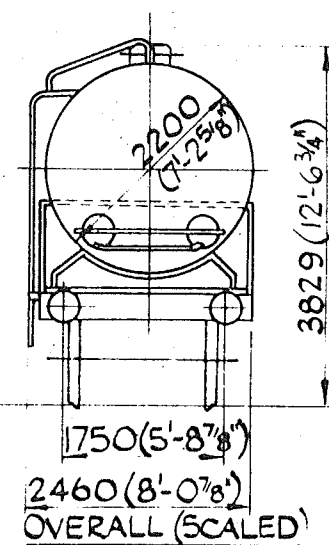
	H	M	L	E
TONS	40	29	18	12
V.B.	5	5	5	5
A.B.	13	13	5	5
R.A.	6	2	1	1
SPEED	50	50	50	50
EXCESS LENGTH			5	



TANKS FITTED WITH HEATING COILS.
& WITH BOTTOM OUTLETS BLANKED OFF.

E 623.
REV 1

CAPACITY - 240hl/5280galls.
TANK MATL. - STAINLESS STEEL.
POWER BRAKE -
AIR BRAKE
VACUUM BRAKE.



HANDBRAKE -
SCREW & SIDE LEVER
TARE - 11800 kg.
LOAD -

A	B	C
20.2t	24.2t	28.2t

TANK WAGON - ITALIAN - F.S. - SOCIÉTÉ SICIPEDISON

TYPE - Ufh

VEHICLE N°. 21 83 078 0 027 TO 032

QTY - 6

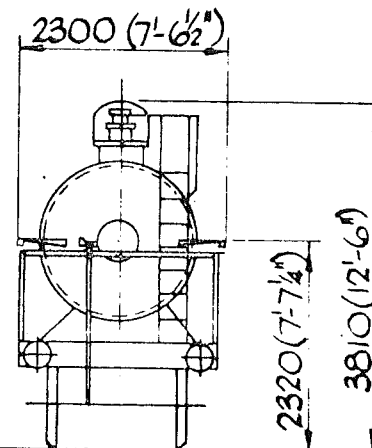
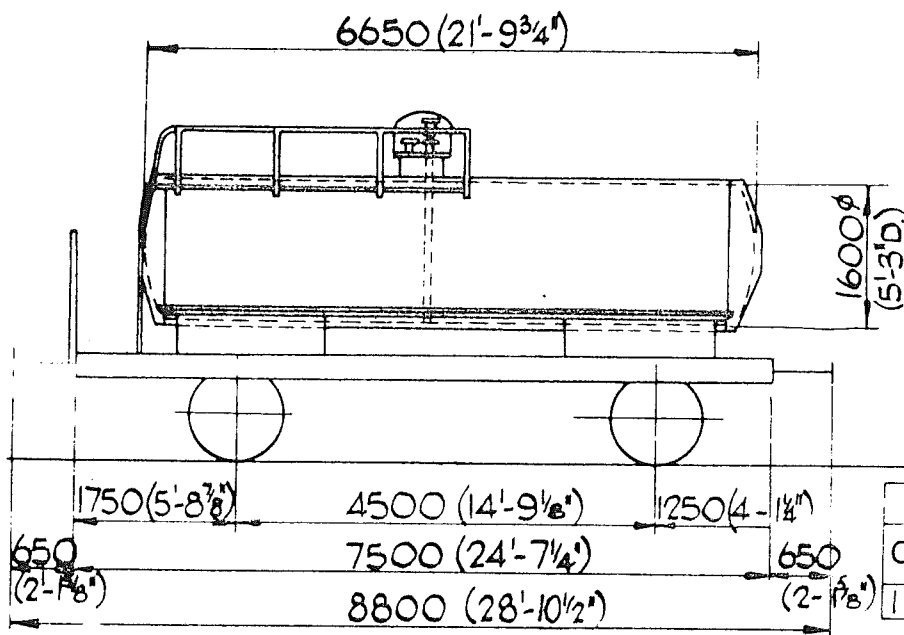
TOPS CODE

CARKND	AARKND	OPERATING
		PANEL NO.
ICX	ICXB	

	H	M	L	E
TONS	40	29	18	12
V.B.	5	5	5	5
A.B.	13	13	5	5
R.A.	6	2	1	1
SPEED	50	50	50	50
EXCESS LENGTH			5	

G.A. DRG - CARRO CISTERNA N°. 233-60.0150/00

VEHICLES SHOWN ON THIS DIAGRAM WERE ORIGINALLY
DUAL BRAKED VEHICLES SHOWN ON E 225.



E.624.
REV.

CAPACITY - 127hl/2794galls.
TANK MATL.
POWER BRAKE.
AIR THRO'PIPE. VACUUM BRAKE
HANDBRAKE.
SCREW & SIDE LEVER.
TARE - 11⁰⁰⁰kg.
LOAD.

TOPS CODE			
CARKND	AARKND	OPERATING	
		PANEL No.	
1	CW	7	WZ3

A	B	C
21t	21t	21t

	H	M	L	E
TONS	32	26	17	11
VB	5	5	5	5
AB	0	0	0	0
RA	3	1	1	1
LB	50	50	50	50
LB	50	50	50	50

TANK WAGON - GERMAN (DB.) V.T.G.

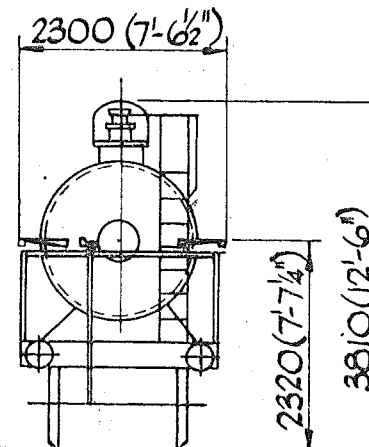
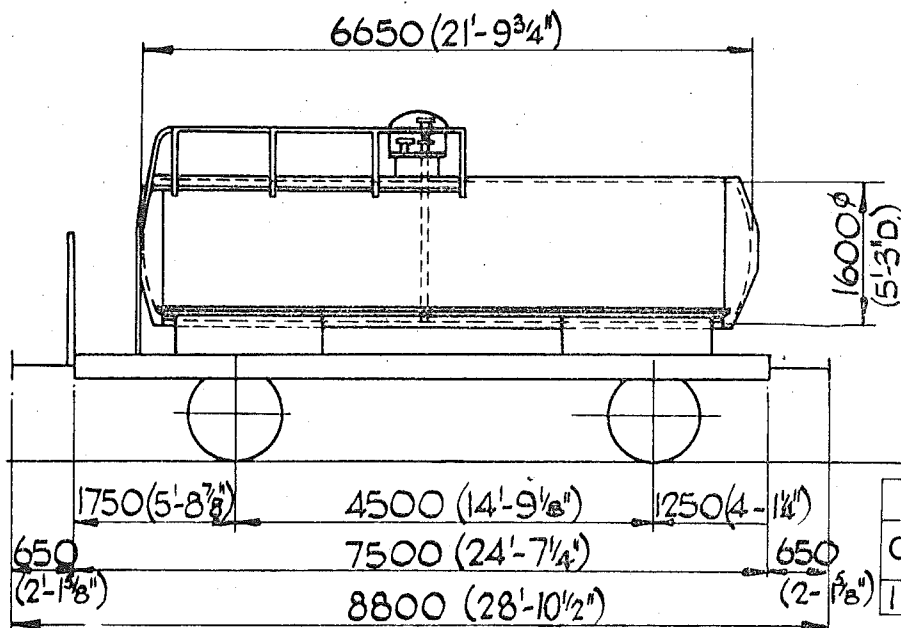
TYPE - Ufh.

VEHICLE Nos. - 21 80 078 0 317, 325, 327 & 328.

G.A. DRG. No. - 01 313b V.T.G.

VEHICLES SHOWN ON THIS DIAGRAM ARE VAC
BRAKED. VEHICLES ORIGINALLY ON E265.

QTY. 4



TOPS CODE		
CARKND	AARKND	OPERATING PANEL No.
1 CW	1 CWB	

E.624.
REV. 1

CAPACITY.- 127hl/2794galls.
TANK MATL.
POWER BRAKE.-
AIR THRO'PIPE. VACUUM BRAKE
HANDBRAKE.
SCREW & SIDE LEVER.
TARE.- 11⁰⁰⁰kg.
LOAD.

A	B	C
21 t	21 t	21 t

	H	M	L	E
TONS	32	26	17	11
V.B.	5	5	5	5
A.B.	0	0	0	0
R.A.	3	1	1	1
MAX. EXCESS LENGTH	50	50	50	50

TANK WAGON.- GERMAN (DB.) V.T.G.

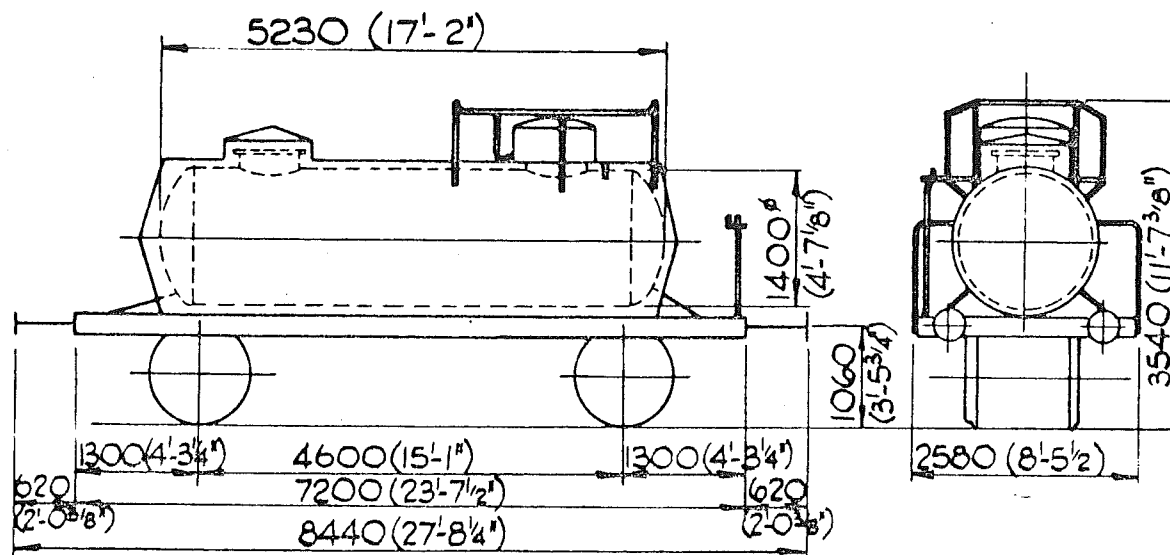
TYPE.- Ufh.

VEHICLE Nos.- 21 80 078 0 317, 325, 327 & 328.

G.A. DRG. No.- 01 313b. V.T.G.

VEHICLES SHOWN ON THIS DIAGRAM ARE VAC.
BRAKED. VEHICLES ORIGINALLY ON E265.

QTY. 4.



E. 625

REV.

CAPACITY - 765 hl / 1688 galls.
TANK MATL - MILD STEEL (ST.S.N.C.F. 6G)
POWER BRAKE -
AIR BRAKE.
VACUUM THRO' PIPE.
HANDBRAKE -
SCREW & SIDE LEVER.
TARE - 14 150 kg.
LOAD -

A	B	C
17.5t	21.5t	

TANK WAGON-FRENCH. (S.N.C.F.) SOCIETE COMMERCIALE
TYPE - Ufh. DES POTASSES D'ALSACE.

VEHICLE N° - 21 87 078 2 063.

QTY. - 1.

G.A. N° - FAUVET - GIREL 90405.

VEHICLE SHOWN ON THIS
DIAGRAM IS VAC. PIPED
VEHICLE FROM E270.

TOPS CODE

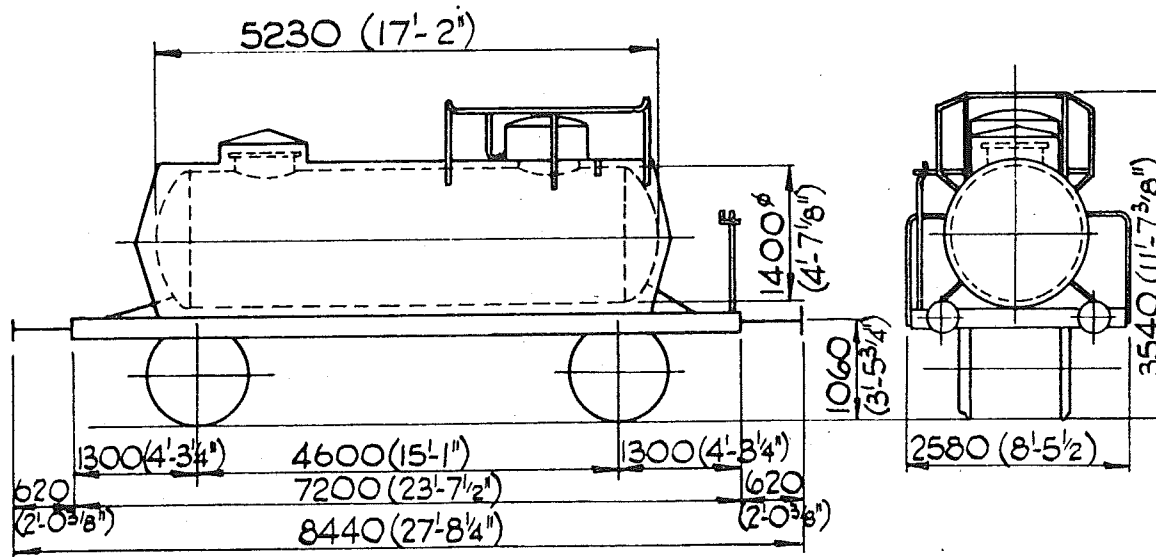
CARKND AARKND

1 C B 7 F Z 5

OPERATING

PANEL NO.

	H	M	L	E
TONS	35	27	19	14
V.B.	0	0	0	0
A.B.	1	1	5	5
RA	4	1	1	1
RA	50	50	50	50
RA	4			



E.625
REV. 1

CAPACITY-76,5 hl/1688 galls.
TANK MATL.- MILD STEEL (ST.S.N.C.F. 6G)
POWER BRAKE -
AIR BRAKE.
VACUUM THRO' PIPE.
HANDBRAKE -
SCREW & SIDE LEVER.
TARE.- 14 150 kg.
LOAD -

A	B	C
17,5t	21,5t	

TANK WAGON-FRENCH. (S.N.C.F.) SOCIETE COMMERCIALE
TYPE - Ufh. DES POTASSES D'ALSACE.

VEHICLE N°.- 21 87 078 2 063.

QTY. - 1.

G.A. N°- FAUVET - GIREL 90405.

VEHICLE SHOWN ON THIS
DIAGRAM IS VAC. PIPED
VEHICLE FROM E270.

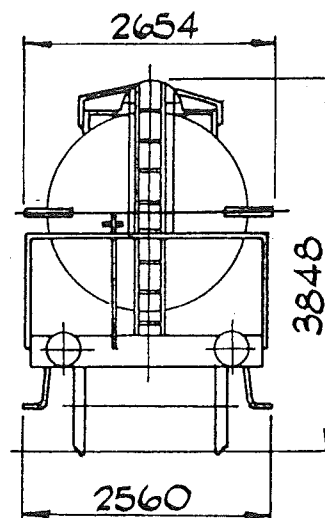
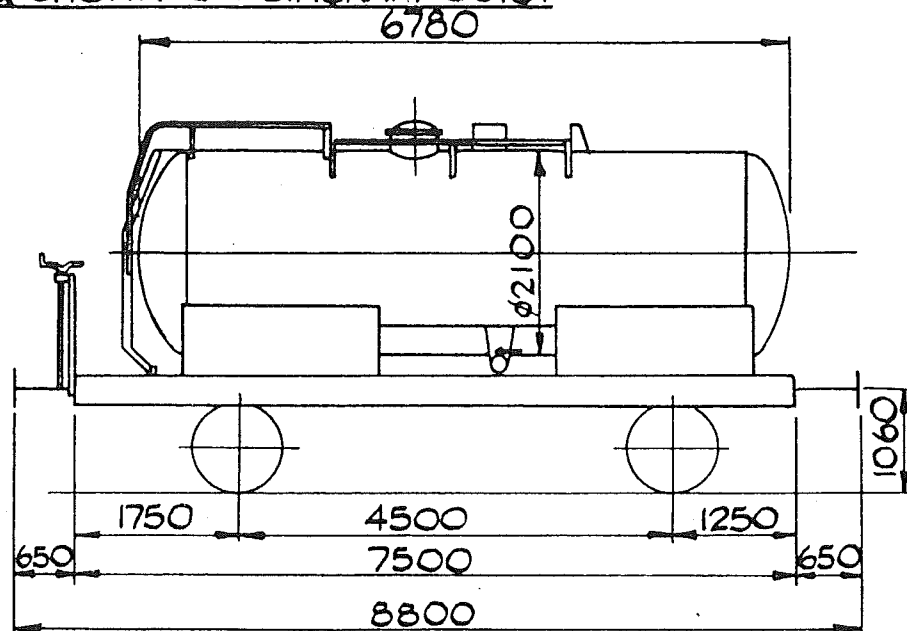
TOPS CODE		OPERATING
CARKND	AARKND	PANE. N°
1 C B	1 C B B	

	H	M	L	E
TONS	35	27	19	14
V.B.	0	0	0	0
A.B.	1	1	5	5
R.A.	4	1	1	1
MAX. EXCESS LENGTH	50	50	50	50
			4	

THESE VEHICLES WERE ORIGINALLY DUAL BRAKED
& SHOWN ON DIAGRAM E073.

E. 626

REV. 2.



CAPACITY - 2200 hl.

TANK MATL. -

POWER BRAKE -

AIR & VAC. THRO' PIPE

HANDBRAKE -

SCREW & HANDLEVER

TARE - 12600 kg.

LOAD -

A	B	C
19,3t	23,4t	27,4t

TANK WAGON - GERMAN D.B. (V.T.G.)

TYPE - Ufh.

VEHICLE NOS. - 21 80 078 0 331-333, 336, 339, 344-348

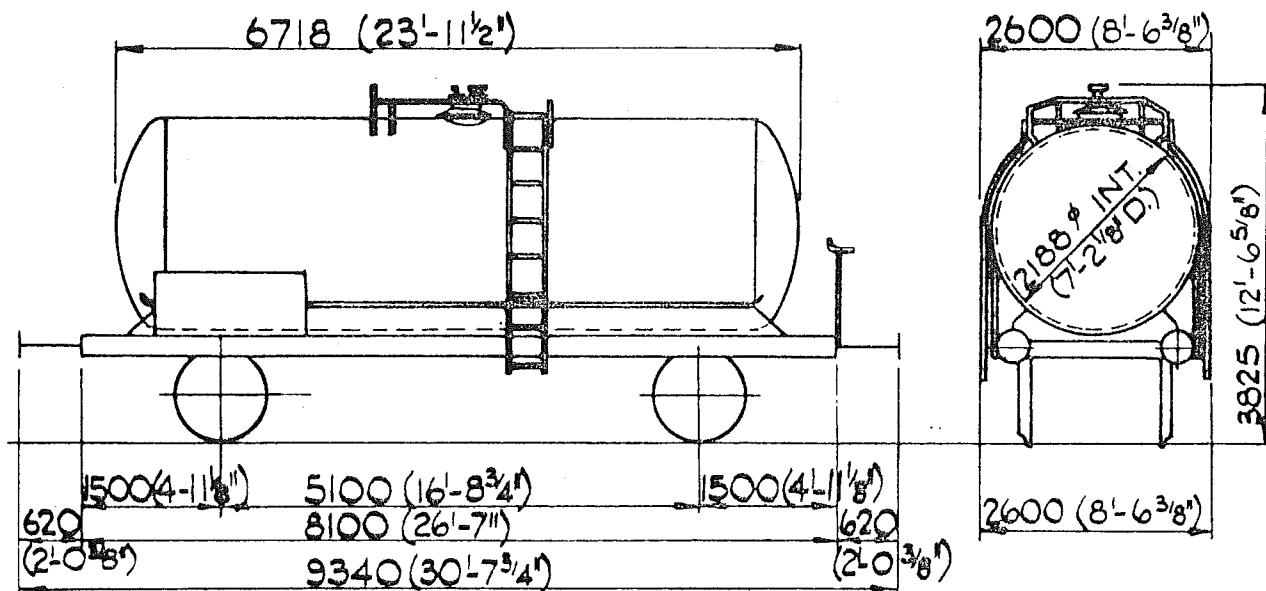
QTY. - 10.

G.A. DRG. N^o. - V.T.G. 2328. 01. 298

TOPS CODE

CARKND	AARKND	OPERATING
ICB	ICBC	PANEL No.

	H	M	L	E
TONS	40	29	18	13
V.B.	0	0	0	0
A.B.	13	13	5	5
R.A.	6	2	1	1
MAX SPEED	50	50	50	50
EXCESS LENGTH	4			



TANK WAGON - FRENCH (S.N.C.F.) SOLVAY & Co.

TYPE - Ufh.

VEHICLE N^o. - 21 87 078 2 068.

VEHICLE SHOWN ON THIS DIAGRAM IS VACUUM
PIPED VEHICLE FROM DIAGRAM E279.

G.A. DRG. N^o. 91021. FAUVET - GIREL.

E 627.

REV.

CAPACITY - 262 hl / 5775 galls.

TANK MATL. -

AIR BRAKE

VAC. THRO' PIPE

HANDBRAKE

SCREW & SIDE LEVER

TARE - 10970 kg.

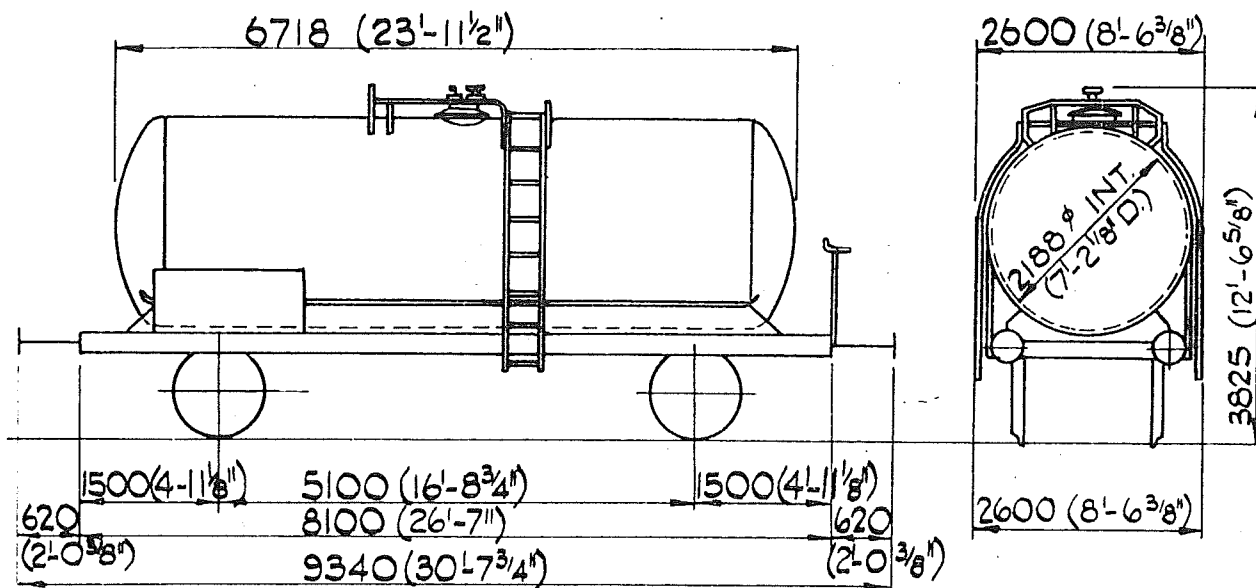
LOAD -

A	B	C
17t	21t	25t

	H	M	L	E
TONS	40	30	17	11
V.B.	0	0	0	0
A.B.	24	24	14	14
R.A.	6	2	1	1
MAX. SPEED	50	50	50	50
EXCESS LENGTH	5			

TOPS CODE			
CARKND	AARKND	OPERATING	
PANEL No			
1 C B	7 F Z 5		

QTY. 1



TANK WAGON - FRENCH (S.N.C.F.) SOLVAY & Co.
 TYPE - Ufh.
 VEHICLE N^o. - 21 87 078 2 068.

VEHICLE SHOWN ON THIS DIAGRAM IS VACUUM
 PIPED VEHICLE FROM DIAGRAM E279.

G.A. DRG. N^o. 91021. FAUVET - GIREL.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
1 C B	1 C B B	

E 627.

REV. I.

CAPACITY - 262 hl / 5775 galls.

TANK MATL. -

AIR BRAKE

VAC. THRO' PIPE

HANDBRAKE

SCREW & SIDE LEVER

TARE - 10970 kg.

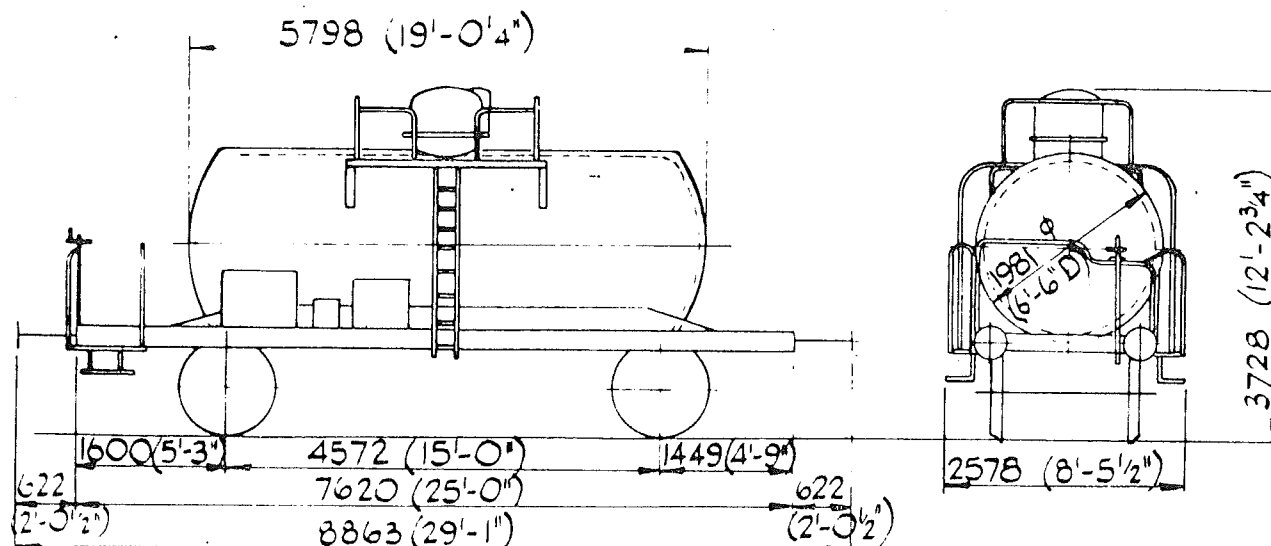
LOAD -

A	B	C
17t	21t	25t

	H	M	L	E
TONS	36	30	17	11
V.B.	0	0	0	0
A.B.	24	24	14	14
R.A.	6	2	1	1
MAX SPEED	50	50	50	50
EXCESS LENGTH	5			

QTY. 1

E.628
REV. 1



CAPACITY - 1365 hl / 3000 galls
TANK MATH. -
POWER BRAKE -
AIR BRAKE VAC. THRO' PIPE.
HANDBRAKE -
SCREW & SIDE LEVER
TARE 16500 kg
LOAD. -

	A	B	C
	15.5t	19.5t	23.5t
S	5.5t	19.5t	

TANK WAGON - BRITISH - B.R. - ASSOC OCTEL CO. LTD.
TYPE - Ufns
VEHICLE NOS - SEE OVER

TOPS CODE

CARKND	AARKND	OPERATING PANEL No.
T I B	T I B L	

	H	M	-	+
TONS	38	38	7	7
V.B.	0	0	0	0
A.B.	24	24	9	9
R.A.	6	6		
EXCESS	60	60	60	60
LOAD			4	

G.A. DRG No - 4710/114 CHAS. ROBERTS

E.628

REV. 5.

CAPACITY - 1365 hl / 3000 galls.

TANK MATL. -

POWER BRAKE. -

AIR BRAKE VAC. THRO' PIPE.

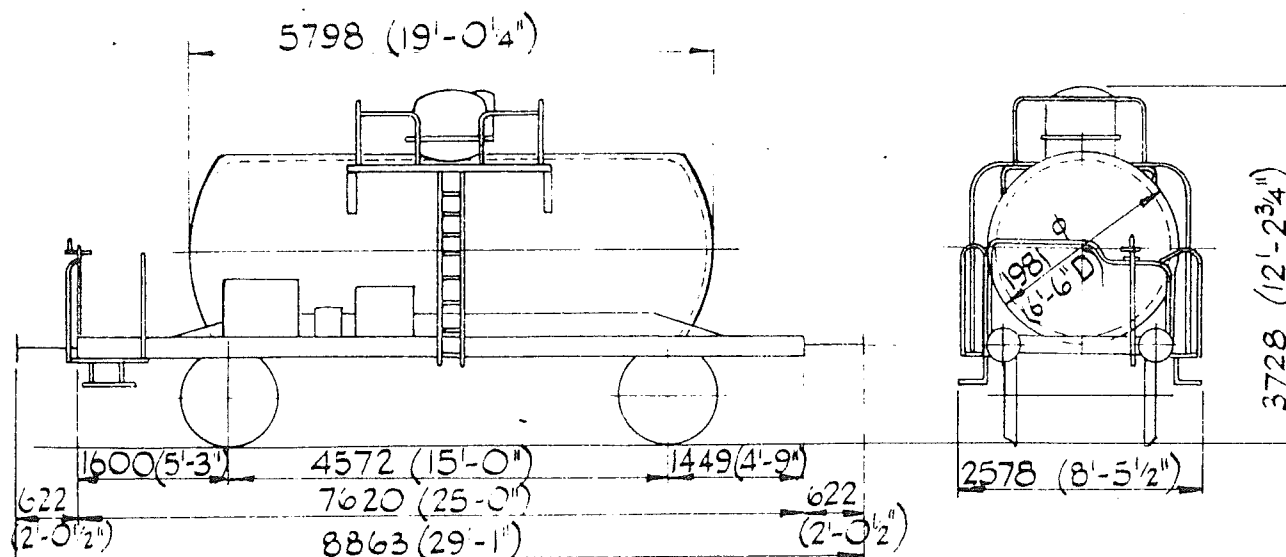
HANDBRAKE. -

SCREW & SIDE LEVER.

TARE 16500 Kg

LOAD. -

	A	B	C
	15.5t	19.5t	23.5t
S	15.5t	19.5t	



TANK WAGON - BRITISH-B.R - ASSOC OCTEL CO LTD.

TYPE - Ufns

VEHICLE NOS - SEE OVER.

TOPS CODE

CARKND	AARKND	OPERATING
71B	T1BL	PANEL No.

	H	M	L	E
TONS	40	40	17	7
V.B.	0	0	0	0
A.B.	24	24	9	9
R.A.	6	6	1	1
MAX	60	60	60	60
EXCESS				
ENG. T		4		

G.A. DRG. No. -4710/114. CHAS. ROBERTS

E 628 p2.
REV.2

VEHICLE NOS. - 21 70 078 5 250, 253, 257, 258, 262-264, 266-270,
273,-275, 277, 279, 281-284, 287-291, 293, 294, 406, 407 & 408.

QTY. - 31.

NOTE. -

VEHICLES ON THIS DIAGRAM ARE CONVERTED DUAL BRAKED

VEHICLES ORIGINALLY SHOWN ON DIAGRAM E287, NOW CANCELLED.

E 628. p2.
REV 6

VEHICLE N^{os}. - 21 70 078 5 250, 253, 257, 258, 263, 264, 266, 267, 269,
273, 275, 279, 282, 287-290, 407 & 408.

QTY. - 19

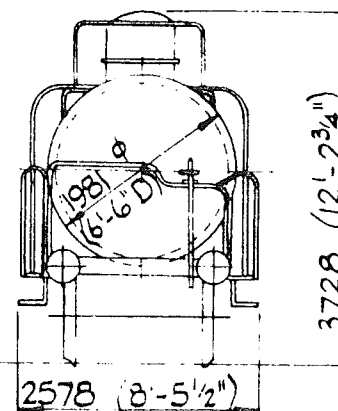
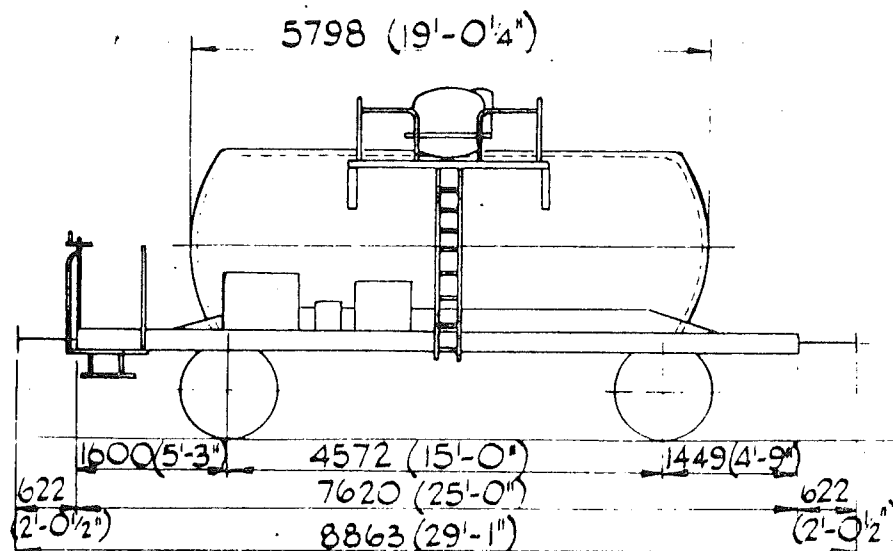
NOTE. -

VEHICLES ON THIS DIAGRAM ARE CONVERTED DUAL BRAKED
VEHICLES ORIGINALLY SHOWN ON DIAGRAM E287, NOW CANCELLED.

D.B. VEHICLES ORIGINALLY SHOWN ON E287.

E.629.

REV.



CAPACITY - 1365 hl/3000 galls.

TANK MATL. -

POWER BRAKE. -

AIR BRAKE VACUUM BRAKE.

HANDBRAKE. -

SCREW & SIDE LEVER.

TARE 16500 Kg

LOAD. -

A	B	C
15.5t	19.5t	23.5t

TANK WAGON - GERMAN - D.B.

TYPE - Ufn

VEHICLE NOS - 21 80 008 0 351 - 354, 356 - 366.

G.A. DRG. No. - 4710/114. CHAS. ROBERTS

TOPS CODE

CARKND	AARKND	OPERATING
		PANEL No.
I C X 7 W I 2		

	H	M	L	E
TONS	40	36	26	16
V.B.	5	5	5	5
A.B.	5	5	5	5
R.A.	6	5	1	
MAX	50	62	62	62
EXCESS				
LENG		4		

QTY - 15.

E 629.

REV 3

CAPACITY - 1365 hl/3000 galls.

TANK MATL -

POWER BRAKE -

AIR BRAKE VACUUM BRAKE.

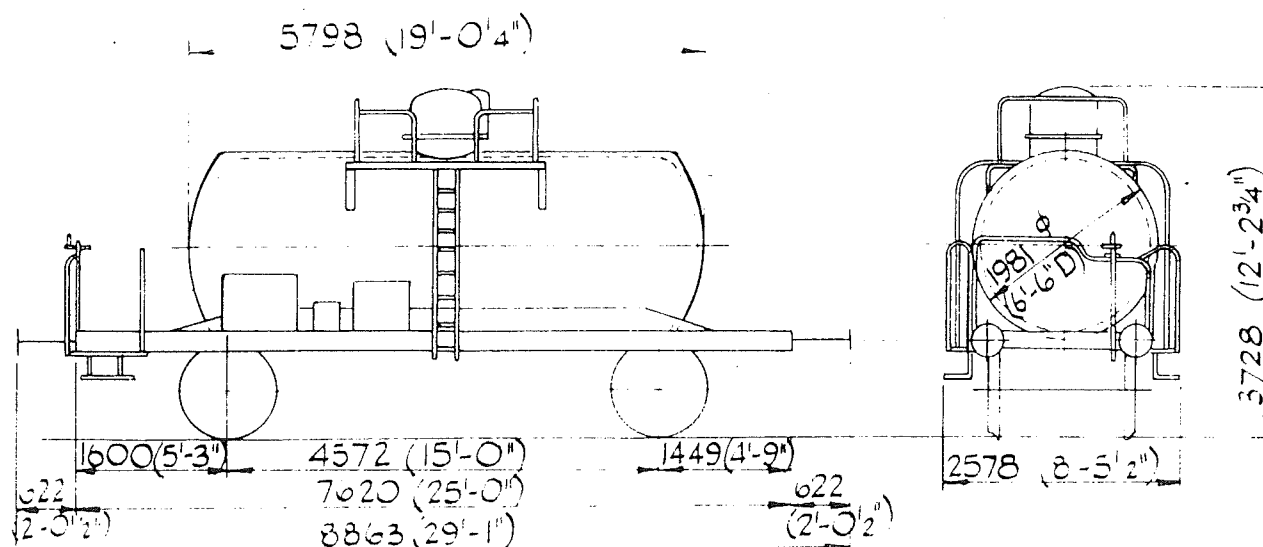
HANDBRAKE -

SCREW & SIDE LEVER.

TARE 16500 Kg

LOAD -

A	B	C
15.5t	19.5t	23.5t



TANK WAGON - GERMAN - D.B. (ASSOC. OCTEL TANKS

TYPE - UfC REGISTERED IN D.B.)

VEHICLE N^{OS} - 21 80 008 0 351 - 354, 356 - 366.

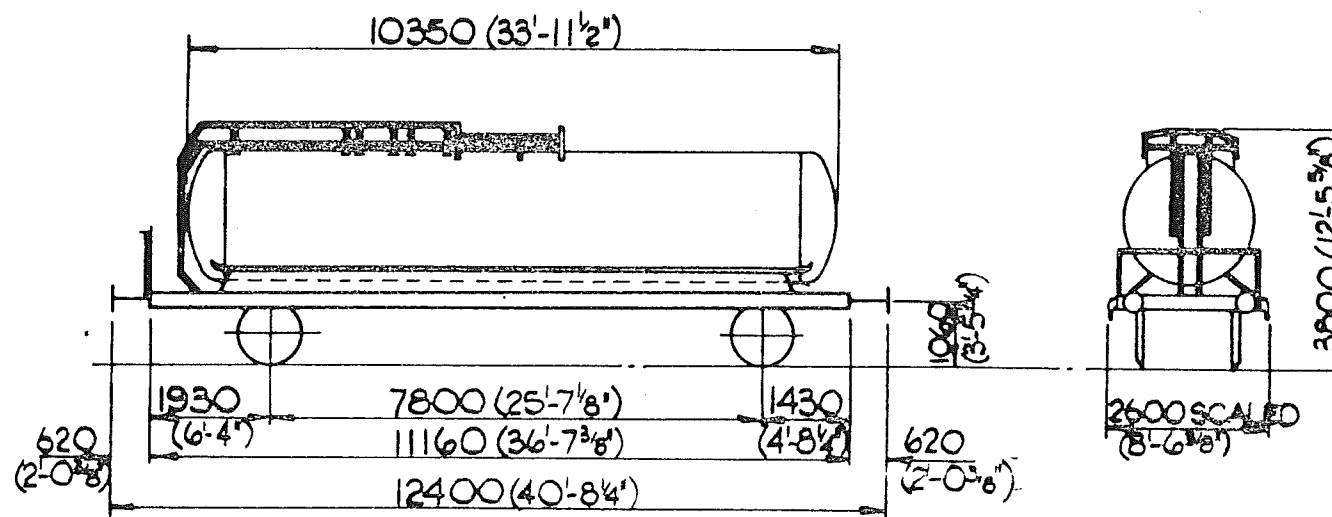
TOPS CODE

CARKND	AARKND	OPERATING
1 C X	1 C X A	PANEL No.

	T	V	L	E
TONS	40	36	26	16
V.B.	5	5	5	5
A.B.	5	5	5	5
R.A.	6	5	1	1
MAX SPEED	50	62	62	62
EXCESS	4			

G.A. DRG N^o - 4710 114 CHAS ROBERTS

QTY - 15



E 630.
REV.

CAPACITY-340hl/7480galls.
TANK MATL.-MILD STEEL
POWER BRAKE-
VACUUM THRO' PIPE.

HANDBRAKE-
SCREW & SIDE LEVER.
TARE.- 14800kg.
LOAD.

	A	B	C
	17.2t	21.2t	25.2t
S	17.2t	21.2t	

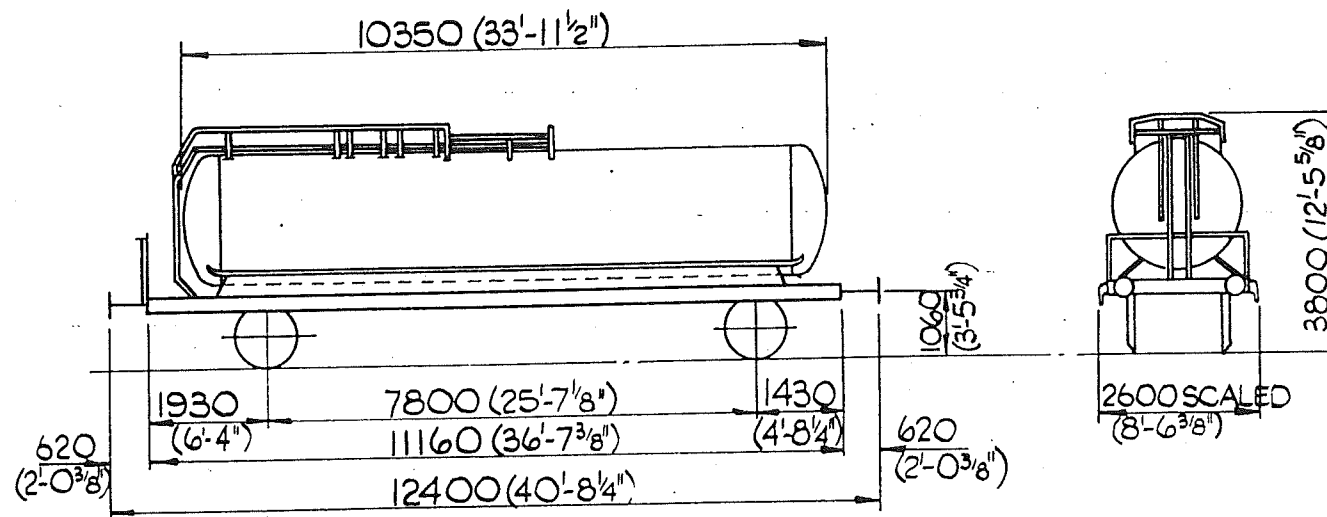
TANK WAGON - GERMAN (DB) V.T.G.
TYPE - Ufhs.
VEHICLE Nos. - 21 80 078 5 115 - 118.
QTY. - 4.

VEHICLES SHOWN ON THIS DIAGRAM ARE VACUUM
PIPED VEHICLES FROM E305.

G.A. DRG. No. 2030. 01. 454.

TOPS CODE			
CARKND	AARKND	OPERATING	PANEL No.
1 C B	7 W I 5		

	H	M	L	E
TONS	40	56	21	15
V.B.	0	0	0	0
A.B.	15	15	6	6
R.A.	6	5	1	1
W.B.	50	62	62	62
W.B.				5



TANK WAGON - GERMAN (D.B.) V.T.G.
 TYPE - Ufhs.
 VEHICLE NOS. - 21 80 078 5 112, 114 - 118
 QTY. - 6.

VEHICLES SHOWN ON THIS DIAGRAM ARE VACUUM
 PIPED VEHICLES FROM E305.

G.A. DRG. No. 2038. OI. 454.

E 630.
 REV. 3.

CAPACITY-340hl/7480galls.
 TANK MATL. - MILD STEEL
 POWER BRAKE -
 VACUUM THRO' PIPE.

HANDBRAKE -
 SCREW & SIDE LEVER.
 TARE. - 14800kg.
 LOAD.

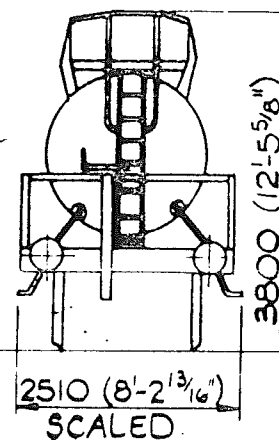
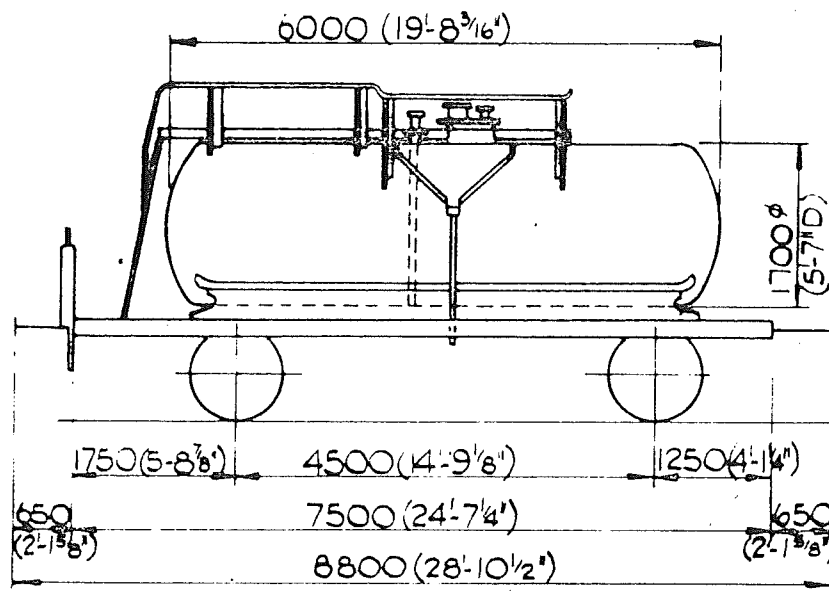
	A	B	C
	17.2t	21.2t	25.2t
S	17.2t	21.2t	

	H	M	L	E
TONS	40	36	21	15
V.B.	0	0	0	0
A.B.	15	15	6	6
R.A.	6	5	1	1
MAX. L	50	62	62	62
EXCESS LENGTH			9.	

TOPS CODE
 CARKND A A B C D E
 1 C B 1 C B C

E. 631

REV. 1



CAPACITY-130 hl/2860 galls

TANK MATL.- STEEL

POWER BRAKE -

AIR BRAKE &

VACUUM PIPE

HANDBRAKE -

SCREW & SIDE LEVER

TARE -14 500 Kg.

LOAD -

	A	B	C
	7.5t	21.5t	25.5t
S	17.5t	21.5t	

TANK WAGON - GERMAN -(DB) - V.T.G.

TYPE - U^{fs}VEHICLE N^{os} - 21 80 078 5 121, 122, 124, 125 & 127 to 130

QTY - 8

TOPS CODE

CARKND AARKND

OPERATING

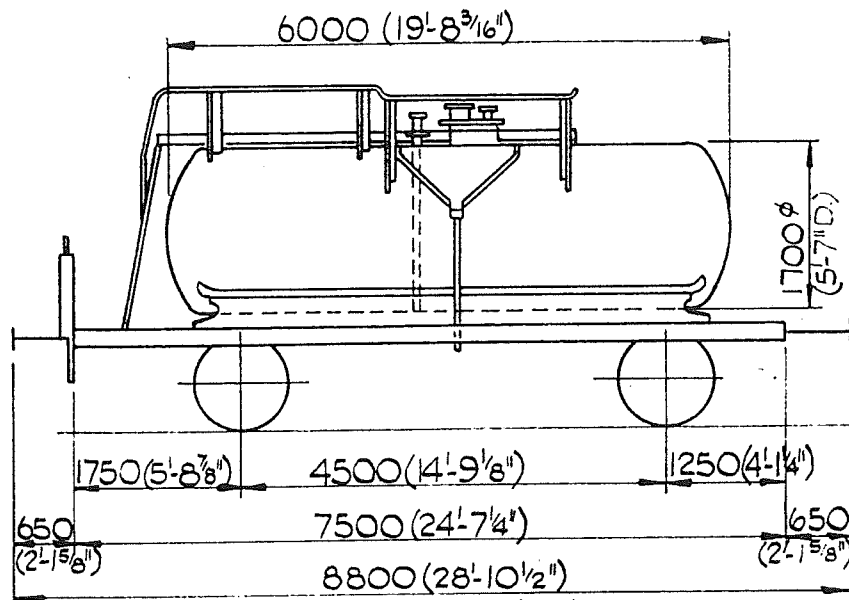
PANEL No

	H	M	L	E
TONS	40	36	21	15
V.B.	0	0	0	0
A.B.	15	15	6	6
R.A.	6	5	1	1
MAX	50	62	62	62
LENGTH		4		

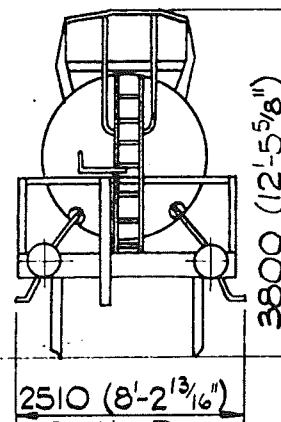
GA DRG. N^o - K354. 01.00. GRAAFF. ELZE.

C B I C B C

E. 631.
REV. 3



1060
(3'-5 3/4")



SCALED.

CAPACITY.-130 hl/2860 galls.
TANK MAT'L.- STEEL.
POWER BRAKE.-
AIR BRAKE &
VACUUM PIPE
HANDBRAKE -
SCREW & SIDE LEVER.
TARE -14500 Kg.
LOAD-

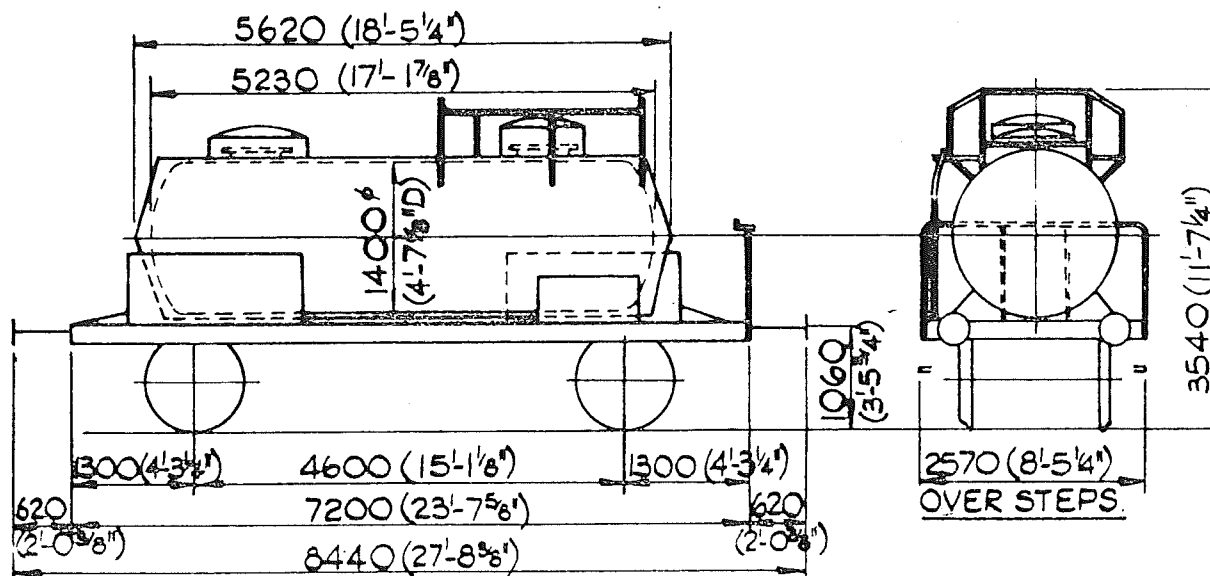
	A	B	C
	17,5t	21,5t	25,5t
S	17,5t	21,5t	

TANK WAGON - GERMAN -(DB.) - V.T.G.
TYPE - Ufhs.
VEHICLE N^{os}.-21 80 078 5 127-130
QTY.- 4

	H	M	L	E
TONS	40	36	21	15
V.B.	0	0	0	0
A.B.	15	15	6	6
R.A.	6	5	1	1
MAX SPEED	50	62	62	62
EXCESS LENGTH		4.		

TOPS CODE
CARKND AARKND OPERATING
ICBICBC

G.A. DRG. N^o. - K 354. 01.00. GRAAFF. ELZE.



E.632.

REV.

CAPACITY - 74 hl / 16335 galls.

TANK MATL -

POWER BRAKE -

AIR BRAKE &
VACUUM BRAKE

HANDBRAKE -

SCREW & SIDE LEVER.

TARE - 14800 kg.

LOAD -
(MAX)

A	B	C
17.2t		21.2t

TANK WAGON - FRENCH (S.N.C.F.) SOCIÉTÉ COMMERCIALE

TYPE - Ufh.

DES POTASSES DALSACE.

VEHICLE N^o - 21 87 078 2 071.

EX. DUEL BRAKED VEHICLE FROM DIAGRAM E330.

G.A. DRG. N^o - 93796. FAUVET - GIREL.

TOPS CODE

CARKND AARKND

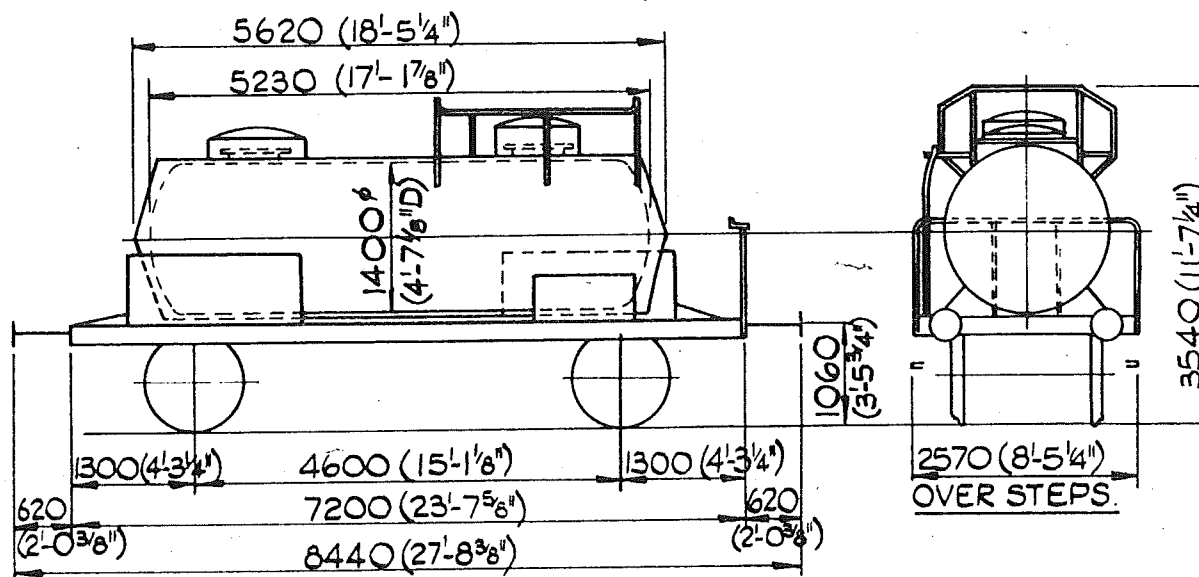
OPERATING

PANEL NO

1 C X 7 F Z 2

	H	M	L	E
TONS	36	29	20	15
V.B.	5	5	5	5
A.B.	26	26	17	17
R.A.	5	2	1	1
MAY SPEED	50	50	50	50
EXCESS LENGTH			4	

QTY. 1.



E.632.
REV. 1.

CAPACITY - 74 hl / 16335 galls.

TANK MATL. -

POWER BRAKE -

AIR BRAKE &
VACUUM BRAKE.

HANDBRAKE -

SCREW & SIDE LEVER.

TARE - 14800 kg.

LOAD -
(MAX)

A	B	C
17.2t		21.2t

TANK WAGON - FRENCH (S.N.C.F.) SOCIÉTÉ COMMERCIALE
TYPE - Ufh. DES POTASSES DALSACE.

VEHICLE N° - 21 87 078 2 071.

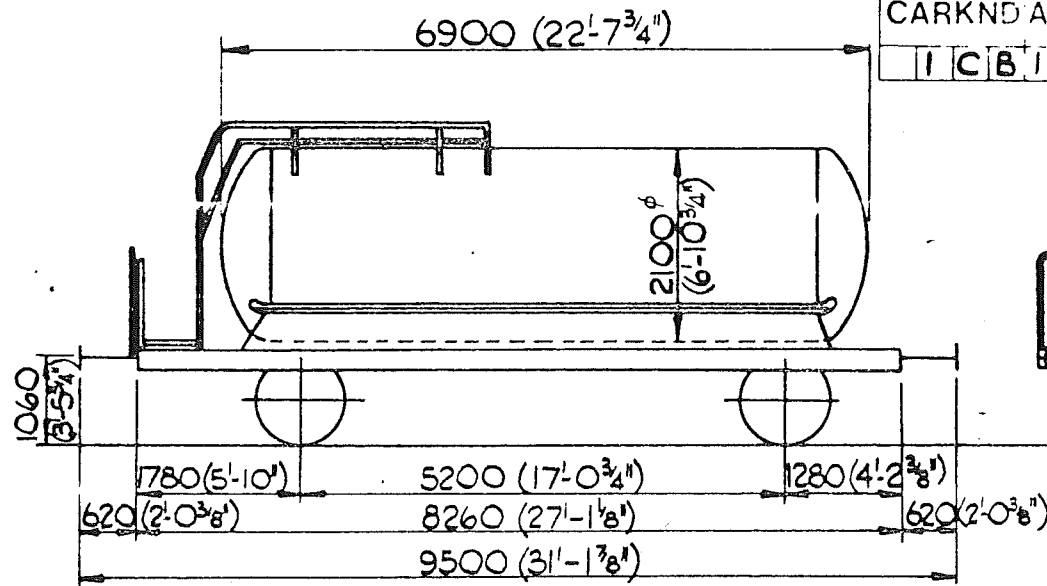
EX. DUEL BRAKED VEHICLE FROM DIAGRAM E330.

GA. DRG. N° - 93796. FAUVET - GIREL.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
I	C	X
I	C	X
B		

	H	M	L	E
TONS	36	29	20	15
V.B.	5	5	5	5
A.B.	26	26	17	17
R.A.	5	2	1	1
MAX SPEED	50	50	50	50
EXCESS LENGTH			4	

QTY. 1.



TOPS CODE									
CARKND AARKND					OPERATING				
I C B I C B C					PANEL NO.				

E 633.
REV. 1

CAPACITY - 220hl/4840galls.
TANK MATL. - B.H.39 STEEL.
POWER BRAKE -
AIR BRAKE &
VACUUM PIPE.
HANDBRAKE - SCREW
& SIDE LEVER.
TARE - 13,500 kg.

LOAD -

	A	B	C
	18,5t	22,5t	26,5t
S	18,5t	22,5t	

TANK WAGON - GERMAN. (D.B.)

TYPE - Ufhs.

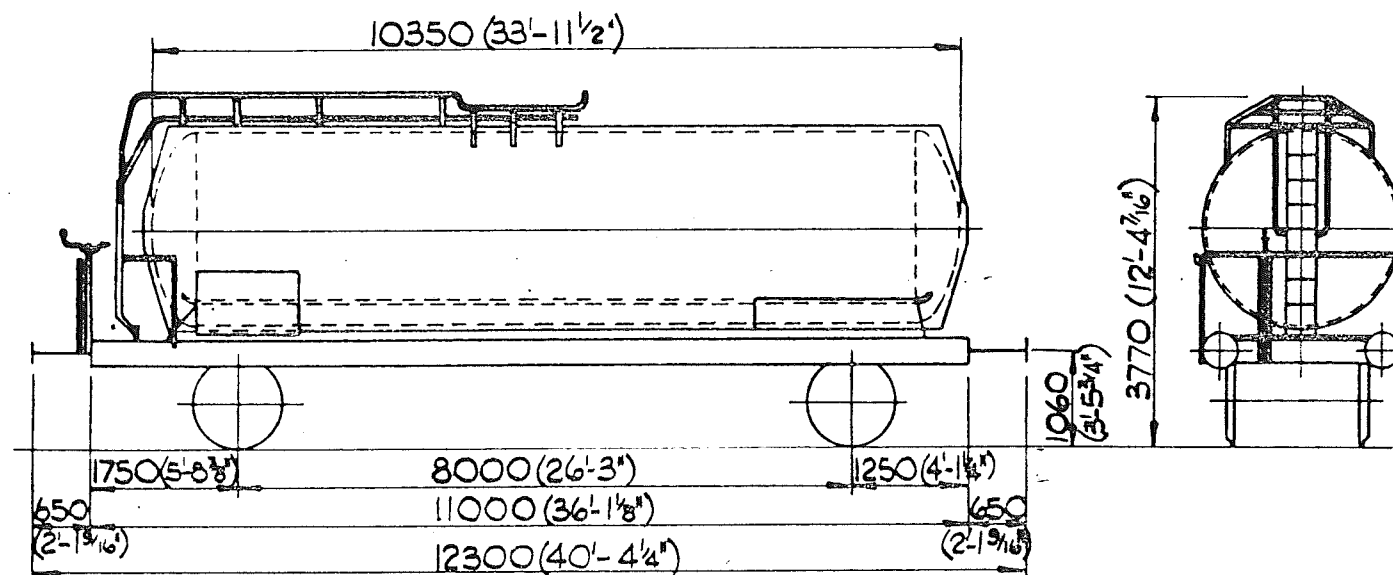
VEHICLE N^{os} - 21 80 078 5 053.056-059.

G.A. DRG. N^o. - 2632. 01. 458. V.T.G. HAMBURG.

VEHICLE ON THIS DIAG.
ARE VACUUM PIPED
VEHICLES FROM E.308.

	H	M	L	E
TONS	40	36	20	14
V.B.	0	0	0	0
A.B.	15	15	6	6
R.A.	6	5	1	1
WHEELS	50	62	62	62
LENGTH		5		

QTY. 5.



E. 634.
REV. 1.

CAPACITY-
342hl/7540 galls.
TANK MATL- STEEL.
POWER BRAKE-
AIR BRAKE
VACUUM THRO' PIPE.
HANDBRAKE- HAND LEVER
& PLATFORM SCREW.
TARE - 15 500 kg.

<u>LOAD-</u>	<u>A</u>	<u>B</u>	<u>C</u>
	16,5t	20,5t	24,5t
<u>S</u>	16,5t	20,5t	24,5t

	<u>H</u>	<u>M</u>	<u>L</u>	<u>E</u>
<u>TONS</u>	40	36	22	16
<u>V.B.</u>	0	0	0	0
<u>A.B.</u>	18	18	8	8
<u>R.A.</u>	6	4	1	1
<u>MAX. LENGTH</u>	50	62	62	62
			9	

TANK WAGON- GERMAN - (D.B.)- V.T.G.

TYPE - Ufhs.

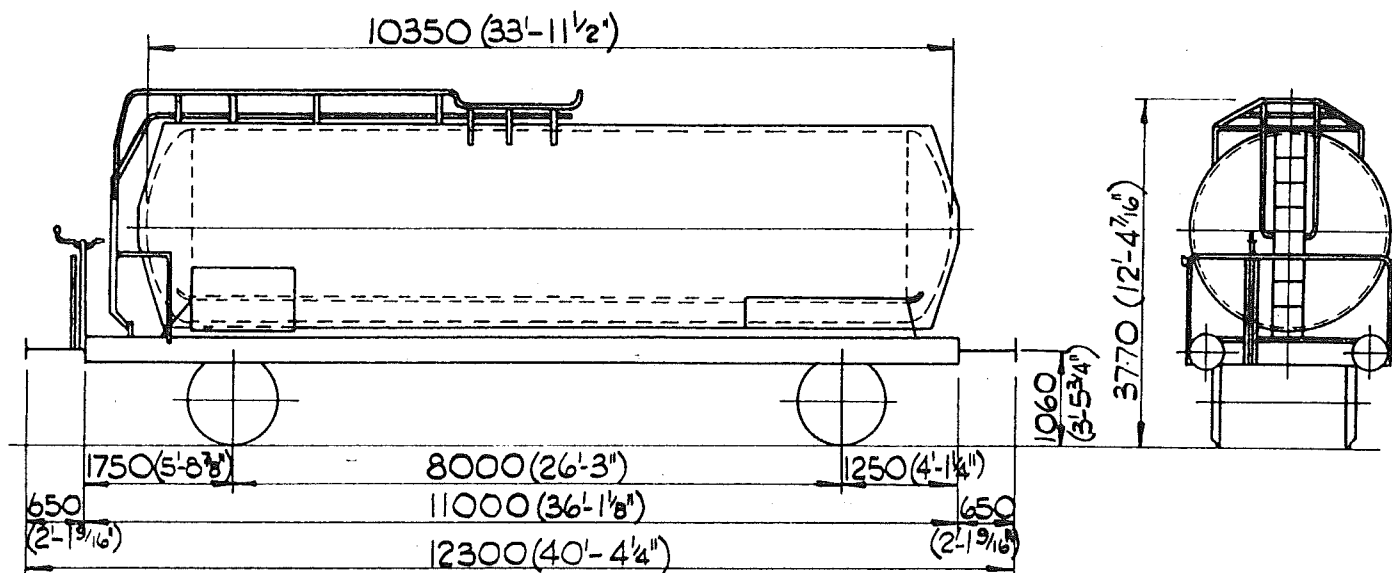
VEHICLE NOS. - 21 80 078 5 149-152.

QTY. - 4.

EX. VACUUM PIPED VEHICLES FROM DIAGRAM E396.

G.A. DRG. N° - 2545 OI 553. V.T.G. HAMBURG.

TOPS CODE	
CARKND	AARKND
OPERATING	
PANEL No.	
I C B I	C B C



TANK WAGON - GERMAN - (D.B.) - V.T.G.

TYPE - Ufhs.

VEHICLE Nos. - 21 80 078 5 149-152.

QTY. - 4.

EX. VACUUM PIPED VEHICLES FROM DIAGRAM E396.-
NOW CANCELLED.

G.A. DRG. No. - 2545 OI 553 V.T.G. HAMBURG.

E. 634.
REV. 2.

CAPACITY -

342hl/7540 galls.

TANK MATL. - STEEL.

POWER BRAKE -

AIR BRAKE

VACUUM THRO' PIPE.

HANDBRAKE - HAND LEVER

& PLATFORM SCREW.

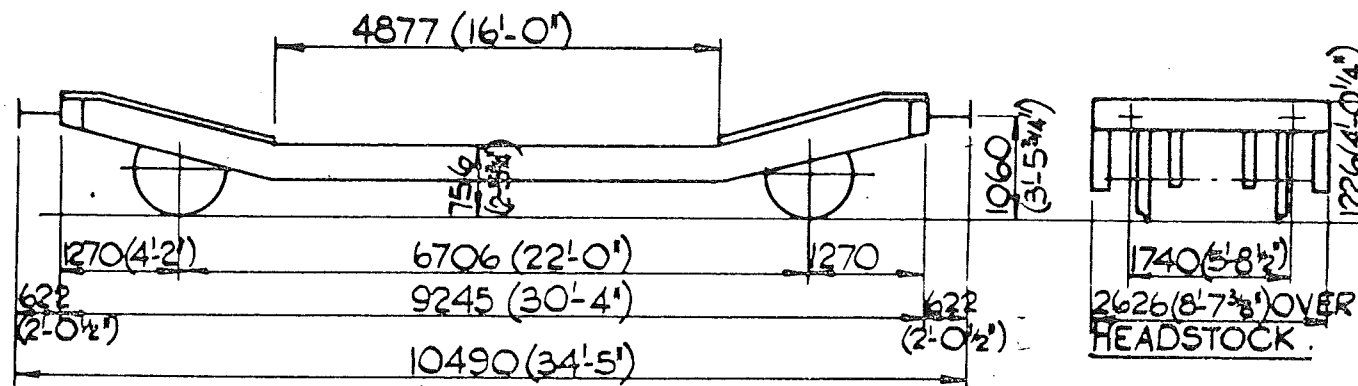
TARE - 15500 kg.

LOAD -

	A	B	C.
	16.5t	20.5t	24.5t
S	16.5t	20.5t	24.5t

	H	M	L	E
TONS	40	36	22	16
V.B.	0	0	0	0
A.B.	18	18	8	8
R.A.	6	4	1	1
MAX. EXCESS LENGTH.	50	62	62	62
			10	

TOPS CODE		
CARKND	AARKND	OPERATING
		PANEL No.
I	C	B
I	C	B
C		



Ex.C5181.

E. 635.

REV /

FLOOR AREA -
CU. CAPACITY -

FLOOR -

POWER BRAKE -

VACUUM BRAKE

AIR THRO' PIPE

HANDBRAKE -

SIDE LEVER

TARE - 13 850 Kg.

LOAD -

MACHINERY WAGON - BRITISH. (B.R.)

TYPE - Ufi.

VEHICLE N^{os} - 21 70 909 6 038.39.41.42 & 43.

EX. VAC. BRAKE & AIR PIPE VEHICLES.

FROM DIAGRAM E. 409.

G.A. DRG. N^{os} - SW/DN. 20138.

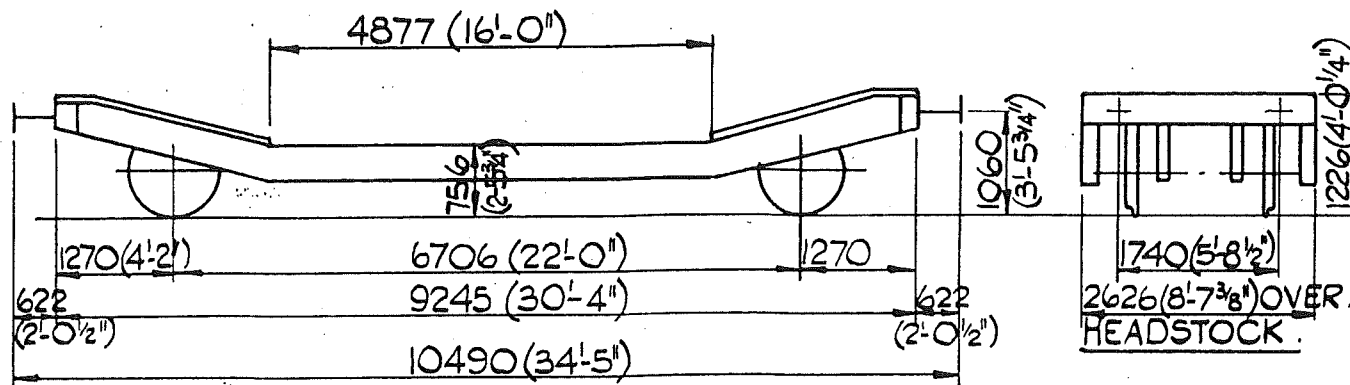
LOWMAC. S.F. B.R. DIAG. N^o. 254.

QTY. 5.

A	B	C
18t	22t	25t

TOPS CODE		
CARKND	AARKND	OPERATING
X1W	X1WF	PANEL No.

	H	M	L	E
TONS	39	30	20	14
V.B.	8	8	8	8
A.B.	0	0	0	0
R.A.	6	3	1	1
MAX	45	45	45	45
SCA	7			



Ex.C5181.

E. 635.

REV 4.

FLOOR AREA-

CU. CAPACITY-

FLOOR-

POWER BRAKE-

VACUUM BRAKE

AIR THRO' PIPE

HANDBRAKE-

SIDE LEVER.

TARE - 13850 Kg.

LOAD-

A	B	C
18t	22t	25t

MACHINERY WAGON-BRITISH.(B.R.)

TYPE.-Ufi.

VEHICLE N^{os}-21 70 909 6 041 & 042.

EX. VAC. BRAKE & AIR PIPE VEHICLES

FROM DIAGRAM E. 409.

G.A. DRG. N^{os} - SW/DN. 20138.

LOWMAC. S.F. B.R. DIAG. N^o. 254.

QTY 2.

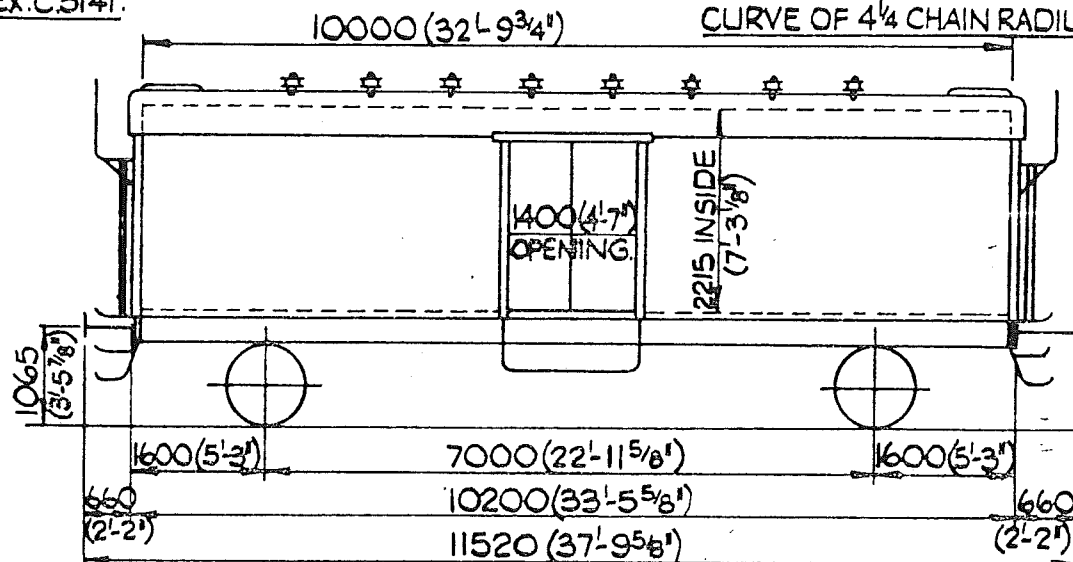
TOPS CODE

CARKND	AARKND	OPERATING
X I W	X I W C	PANEL No.

	H	M	L	E
TONS	39	30	20	14
V.B.	8	8	8	8
A.B.	0	0	0	0
R.A.	6	3	1	1
MAY	45	45	45	45
EXCH.				

FOR RESTRICTIONS SEE SEPERATE SHEET.
Ex.C.5141.

WAGON WILL NEGOTIATE A
CURVE OF $4\frac{1}{4}$ CHAIN RADIUS.



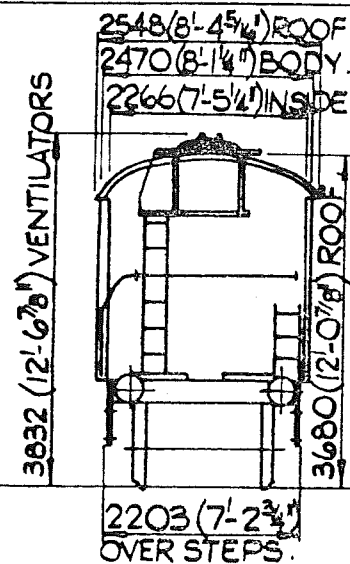
INSULATED COVERED WAGON-HUNGARIAN-BHEV.
TYPE - Hfhks.

VEHICLE N^{os} - 2144 219 7 000, 009 & 012.

Ex. VAC FITTED VEHICLES FROM DIAGRAM E420.

QTY. - 3.

G.A. DRG. N^o. - GANZ es TARSA. DRG. 610-241854



E. 636.

REV. 1.

FLOOR AREA - 22.6sq.m. 27sq. yds

CU. CAP. - 40cu.m. 52cu. yds.

FLOOR -

POWER BRAKE -

AIR BRAKE

VACUUM BRAKE

HANDBRAKE - LEVER.

TARE - 15200 kg.

LOAD -

NOTE - ADAPTOR
REQUIRED FOR
VAC. COUPLING.

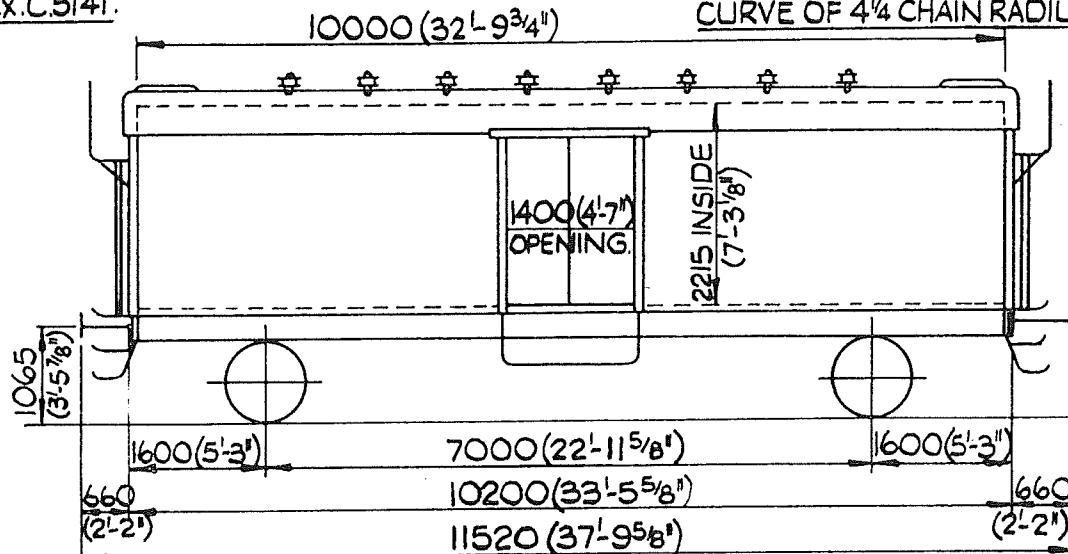
	A	B	C
	16t	20t	
S	16t	20t	

	H	M	L	E
TONS	35	27	20	15
V.B.	20	20	12	12
A.B.	20	20	12	12
R.A.	5	2	1	1
MAX	62	62	62	62
LENGTH	8			

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
1	M X	1
1	M X	1

FOR RESTRICTIONS SEE SEPERATE SHEET.
Ex.C.5141.

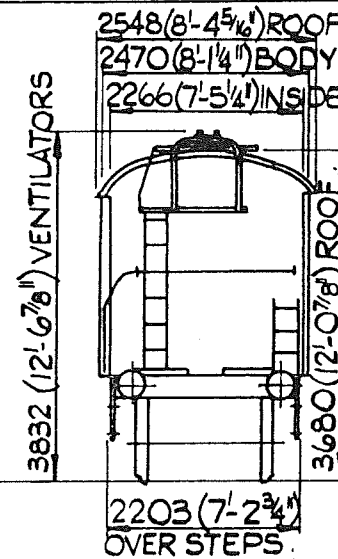
WAGON WILL NEGOTIATE A
CURVE OF 4 1/4 CHAIN RADIUS.



INSULATED COVERED WAGON-HUNGARIAN-BHEV.
TYPE - Hfhks.

VEHICLE N^{os} - 2144 219 7 000,009 & 012.
Ex. VAC FITTED VEHICLES FROM DIAGRAM E42Q.
QTY. - 3.

G.A.DRG. N^o. - GANZ es TARSA. DRG. 610-241854



NOTE - ADAPTOR
REQUIRED FOR
VAC. COUPLING.

E.636.
REV.2

FLOOR AREA: 22.6sq.m. 27sq.yds

CU.CAP. - 40cu.m. 52cu.yds.

FLOOR -

POWER BRAKE -

AIR BRAKE.

VACUUM BRAKE.

HANDBRAKE - LEVER.

TARE - 15200 kg.

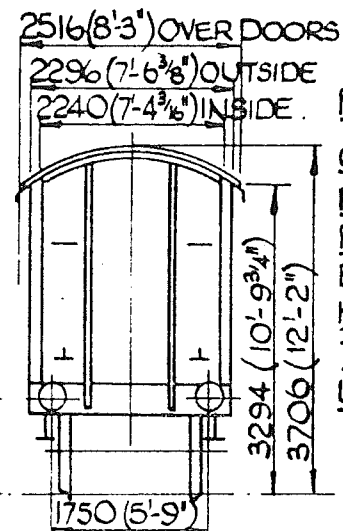
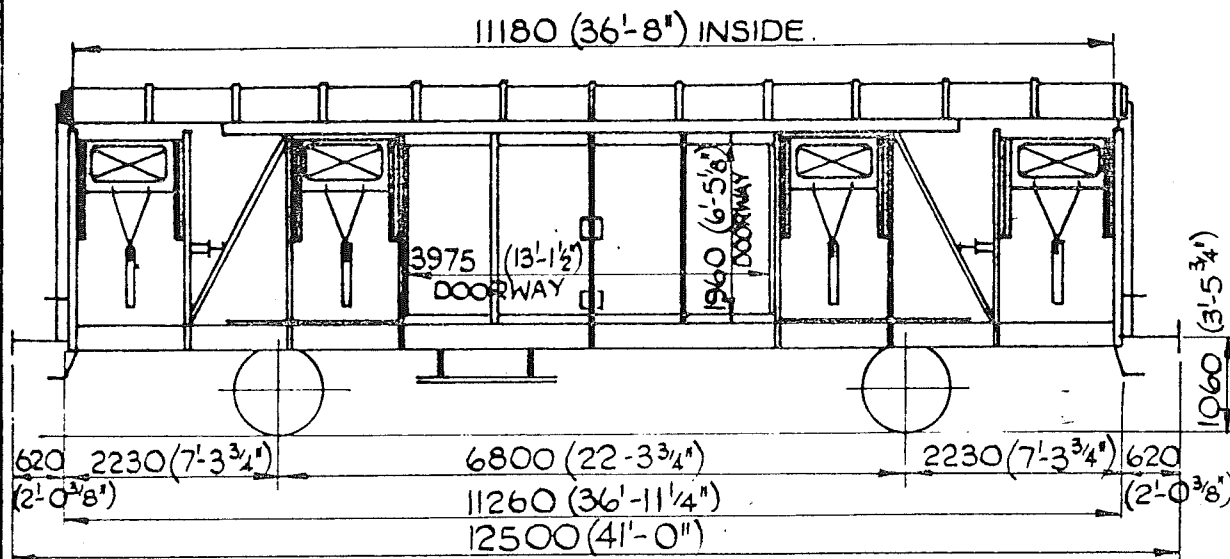
LOAD -

A	B	C.
16t	20t	
S 16t	20t	

	H	M	L	E
TONS	33	27	20	15
V.B.	5	5	5	5
A.B.	20	20	12	12
R.A.	5	2	1	1
MAY SPEED	62	62	62	62
EXCESS LENGTH			8.	

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
I M X	I M X	

WAGON WILL NEGOTIATE A CURVE OF 3 CHAINS RADIUS.



E.637
REV. 1.

FLOOR AREA: 25 m²
30 sq. yds
CU. CAP. - 49 m³.
FLOOR - WOOD.
POWER BRAKE - AIR
BRAKE VAC. THRO PIPE
HANDBRAKE - LEVER
TARE - 12 000 Kg.
LOAD -

	A	B	C
	20.5t	21t	
S	20t	20t	

COVERED WAGON - GERMAN D.B.

TYPE - Hfrs.

VEHICLE N^{os}. 21 80 214 0 000 - 0 249

QTY. - PART OF 250.

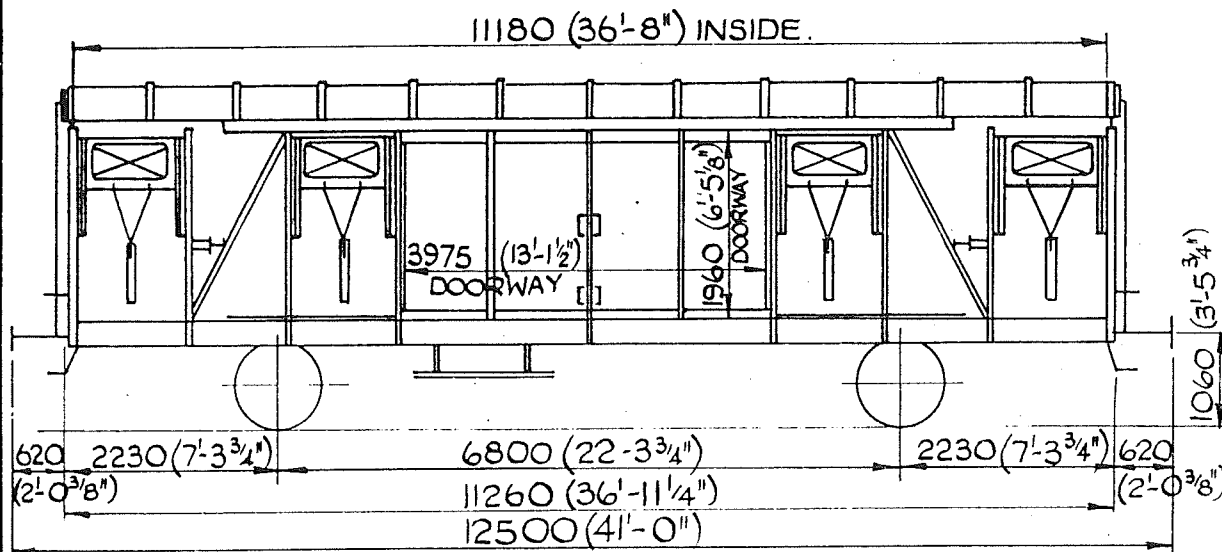
VEHICLES IN THIS SERIES FITTED WITH VACUUM THRO' PIPE
ORIGINALLY SHOWN ON DIAGRAM E. 006.

TOPS CODE

CARKND AARKND
T M X T M X C

	H	M	L	E
TONS	33	32	18	12
V.B.	0	0	0	0
A.B.	16	16	6	6
R.A.	4	3	1	1
MAX SPEED	50	62	62	62
EXCESS LENGTH	9			

WAGON WILL NEGOTIATE A CURVE OF 3 CHAINS RADIUS.



COVERED WAGON - GERMAN. D.B.

TYPE - Hfrs.

VEHICLE N^{os}. 21 80 214 0 **150** -0 249

QTY. - **100**.

E.637

REV. 2.

FLOOR AREA: 25 m²
30 sq. yds

CU. CAP. - 49 m³

FLOOR - WOOD.

POWER BRAKE - AIR

BRAKE VAC. THRO PIPE

HANDBRAKE - LEVER

TARE - 12⁰⁰⁰ Kg.

LOAD -

	A	B	C
	19t	23t	27t
S	19t	23t	27t

	H	M	L	E
TONS	39	36	19	12
V.B.	0	0	0	0
A.B.	18	18	5	5
R.A.	6	5	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	10			

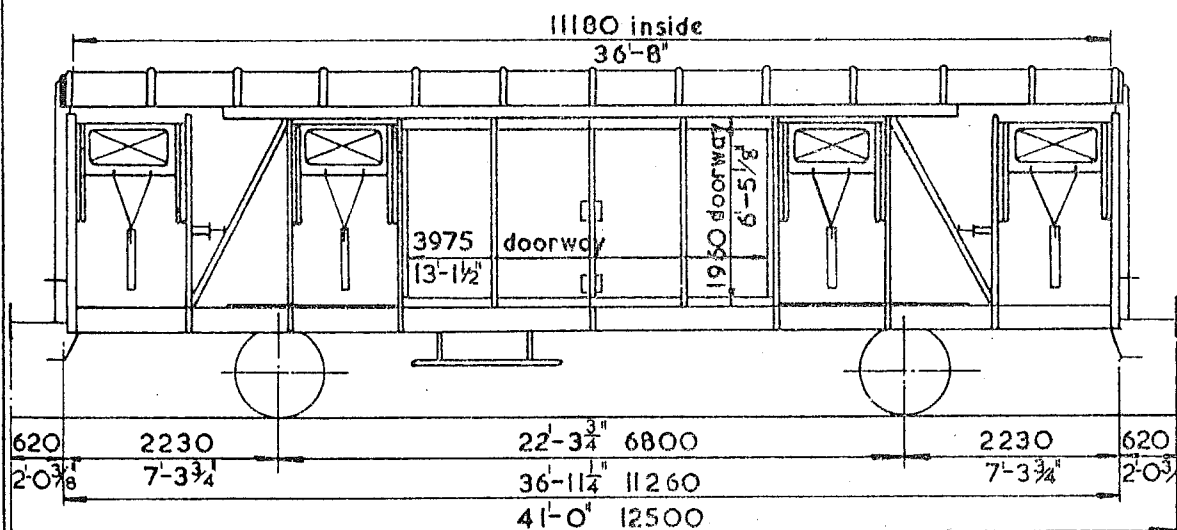
TOPS CODE

MARKND AAREND

IMB IMBC

TOPS CODE			
CARKND	AARKND	OPERATING	
I M B		PANEL No.	
I M B	I M B	C	

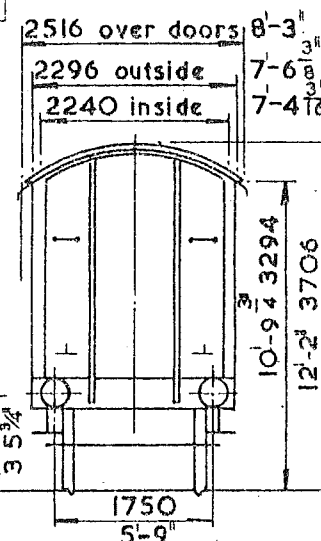
WAGON WILL NEGOTIATE A CURVE OF 3 CHAINS RADIUS.



COVERED WAGON - GERMAN D.B.

TYPE - Hfrs.

VEHICLE Nos. 21 80 214 0 150-0249



	H	M	L	E
TONS	33	25	17	12
V.B.	0	0	0	0
A.B.	13	13	5	5
R.A.	4	3	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH	10			

E.637

REV. 3/

FLOOR AREA - 25m²
30sq yd

CUBIC CAPACITY - 49m³

FLOOR - Wood

POWER BRAKE -
AIR BRAKE AND
VAC. THRO' PIPE

HANDBRAKE Lever.

TARE - 12 000 kg.

LOAD

	A	B	C
	19.5	21	
S	19.5	21	

QTY. 100

Bottom outlets
blanked off.

(8'-9")

2666 over lamp irons.

E638
REV.

CAPACITY. 200hl/4400

TANK MAT'L. Aluminium.

POWER BRAKE.

Compressed Air.

Vacuum thro' pipe.

HANDBRAKE

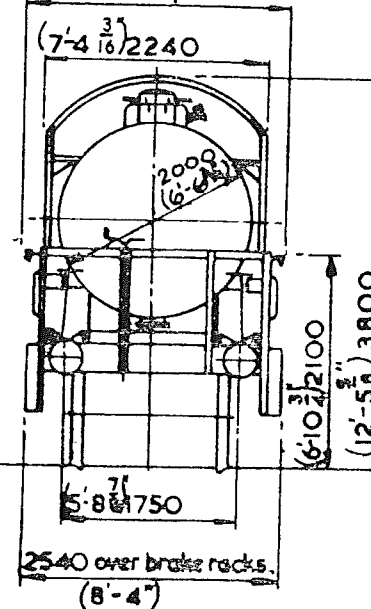
Screw & Lever.

TARE. 11200 Kg

LOAD.

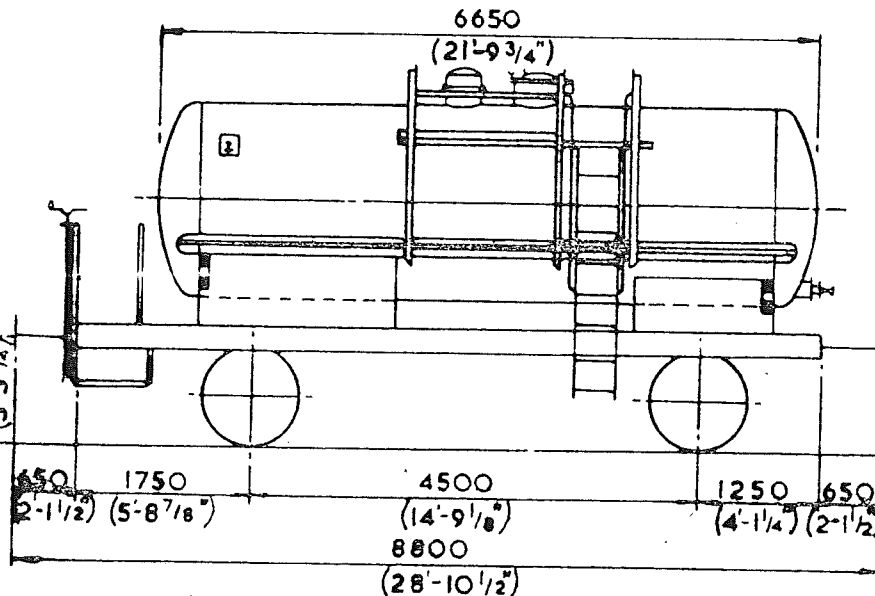
A	B	C
20.5t	24.5t	28.5t

	H	M	L	E
TONS	40	30	17	12
V.B.	0	0	0	0
A.B.	16	16	6	6
R.A.	6	2	1	1
MAX. SPEED.	50	50	50	50
EXCESS LENGTH	3			



TOPS CODE			
CARKND	AARKND	OPERATING	PANEL No.
1CB	7WZ5		

QTY. 21

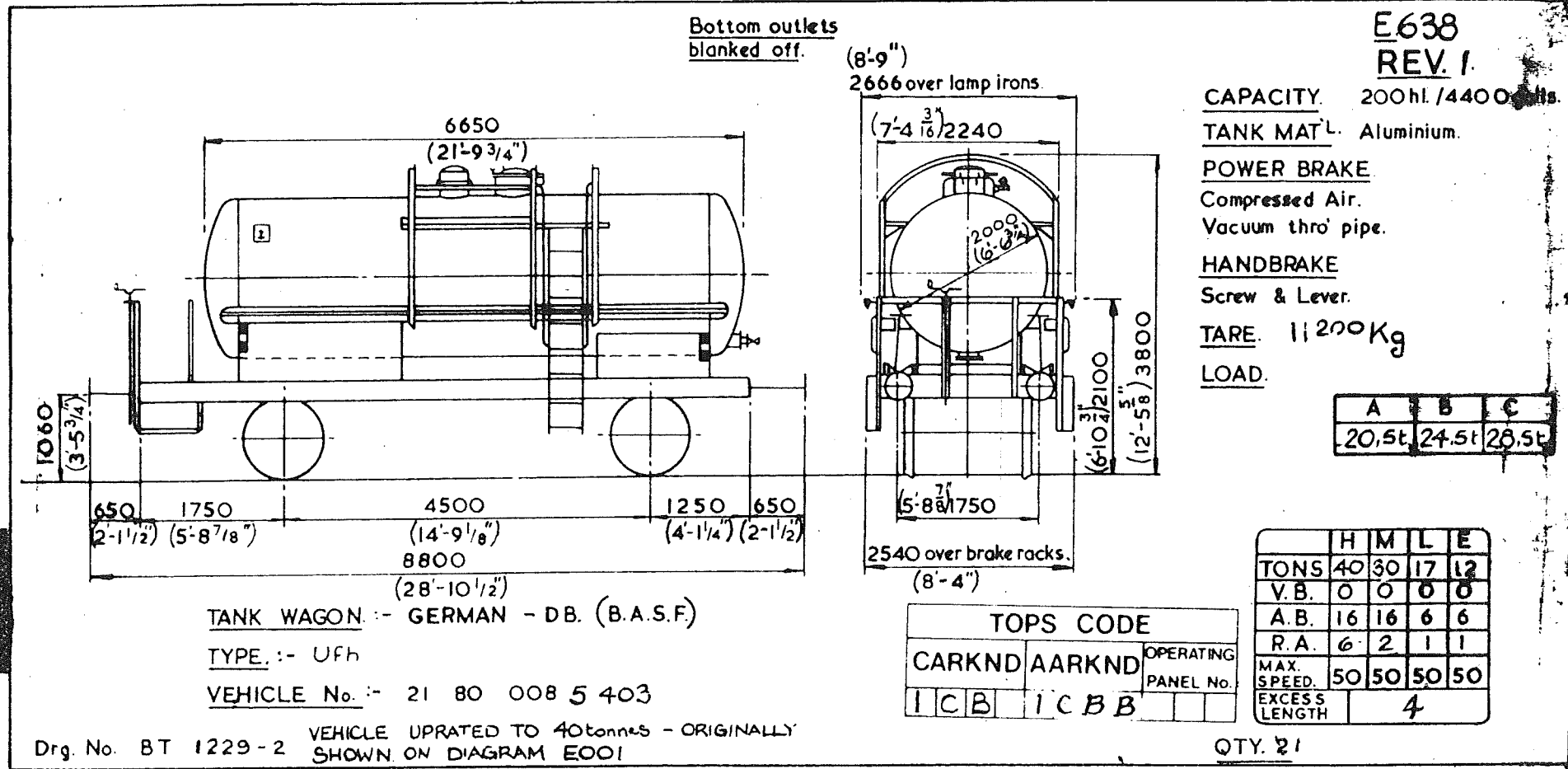


TANK WAGON :- GERMAN - DB. (B.A.S.F.)

TYPE :- Ufh

VEHICLE No. :- 21 80 008 5 403

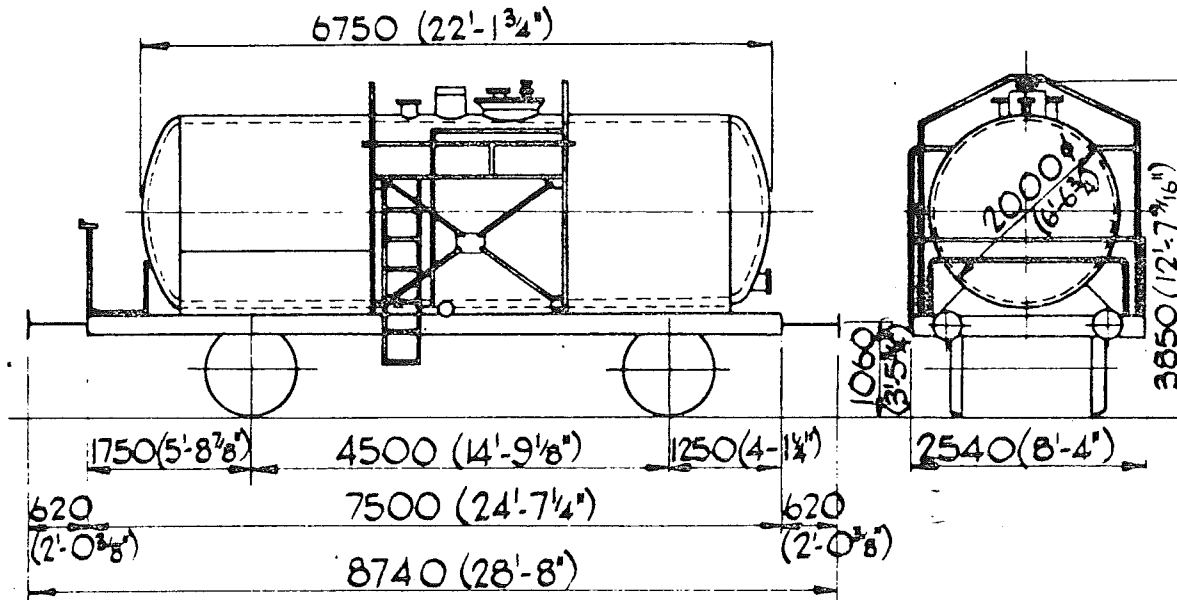
Drg. No. BT 1229-2 VEHICLE UPDATED TO 40 tonnes - ORIGINALLY SHOWN ON DIAGRAM E601



FITTED WITH HEATING COILS.

E.639

REV.



CAPACITY.-194 hl/4268galls.

TANK MATL.-

POWER BRAKE.-

COMPRESSED AIR AND

VACUUM THRO' PIPE

HANDBRAKE.-

SCREW & SIDE LEVER

TARE.- 14 000 Kg

LOAD.

A	B	C
18t	22t	

TANK WAGON.-GERMAN.- (D.B.)-B.A.S.F. Co.LUDWIGSHAFEN.

TYPE.- Ufh.

VEHICLE No.- 21 80 008 0 424

TOPS CODE

CARKND	AARKND	OPERATING PANEL No
1 C B	7 W Z 5	

TONS	H	M	L	E
5	36	28	20	14
VE.	0	0	0	0
A.B.	18	08	5	09
R.A.	5	2	1	1
WZ	50	50	50	50
WZ	4			

G.A. DRG.No.- BT. 1531-2a. BADISCHE ANILIN & SODAFABRIK AG.LUDWIGSHAFEN.

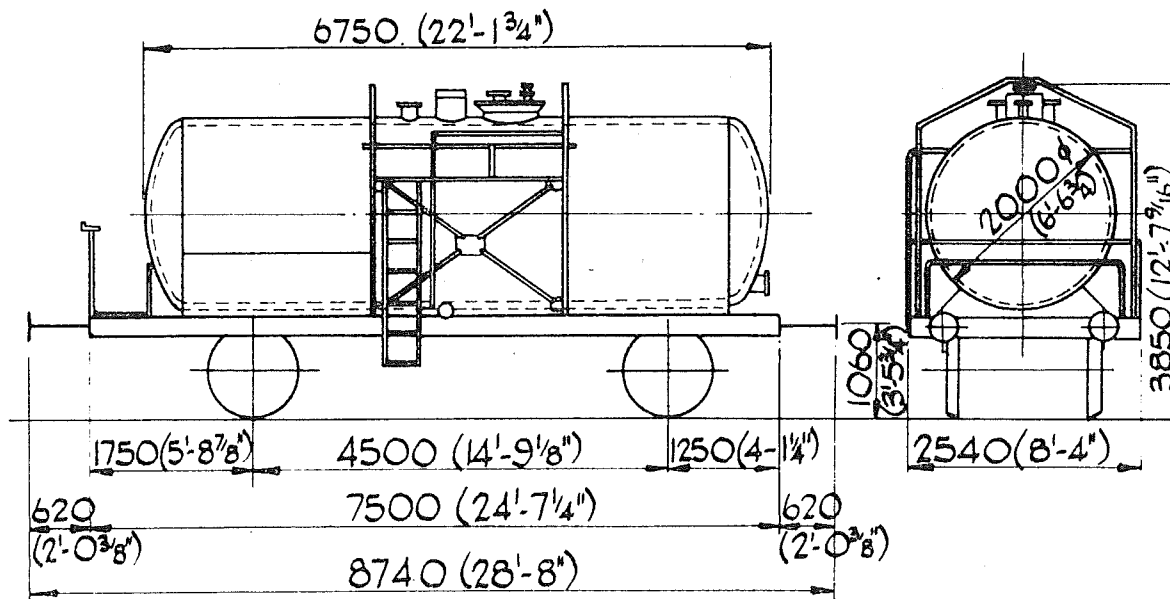
VEHICLE ORIGINALLY SHOWN ON DIAGRAM E278

QTY 1

FITTED WITH HEATING COILS.

E.639

REV. I.



CAPACITY.-194 hl/4268galls.

TANK MATL.-

POWER BRAKE.-

COMPRESSED AIR AND
VACUUM THRO' PIPE.

HANDBRAKE.-

SCREW & SIDE LEVER.

TARE.- 14 000 Kg.

LOAD.

A	B	C
18t	22t	

TANK WAGON.-GERMAN.- (D.B.)-B.A.S.F. Co. LUDWIGSHAFEN.

TYPE.- Ufh.

VEHICLE No.- 21 80 008 0 424

TOPS CODE

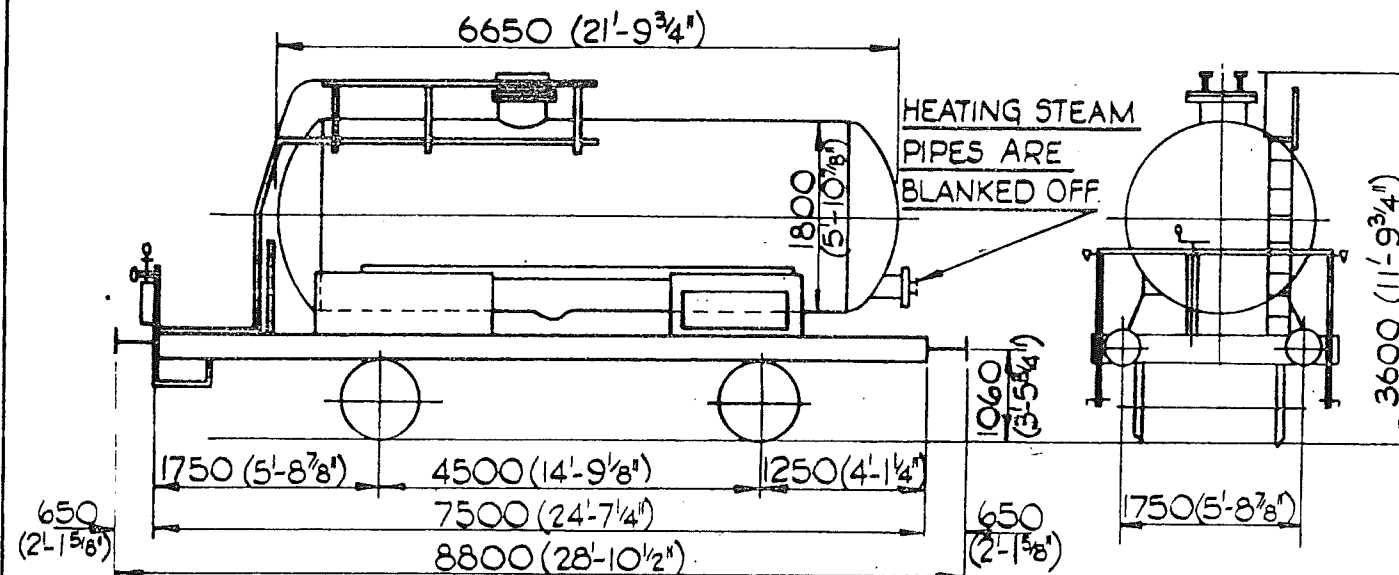
CARKND	AARKND	OPERATING
1 C B	1 C B B	PANEL No.

	H	M	L	E
TONS	36	28	20	14
V.B.	0	0	0	0
A.B.	18	18	5	7
R.A.	5	2	1	1
MAX	50	50	30	50
12000				

G.A. DRG. No.- BT. 1531-2a. BADISCHE ANILIN & SODAFABRIK AG. LUDWIGSHAFEN.

VEHICLE ORIGINALLY SHOWN ON DIAGRAM E278

QTY 1



E. 640.

REV.

CAPACITY - 157 hl / 3460 galls.

TANK MATL. - ALUMINIUM.

POWER BRAKE -

COMPRESSED AIR & VACUUM

THRO' PIPE.

HANDBRAKE -

HAND LEVER

TARE - 9500 kg.

LOAD -

A	B	C
20t		

TANK WAGON - GERMAN - DB.

VEREINIGTE TANKLAGER & TRANSPORTMITTEL

ORGANISATION - HAMBURG.

TYPE - Ufh.

VEHICLE N^o. - 21 80 078 0 353.

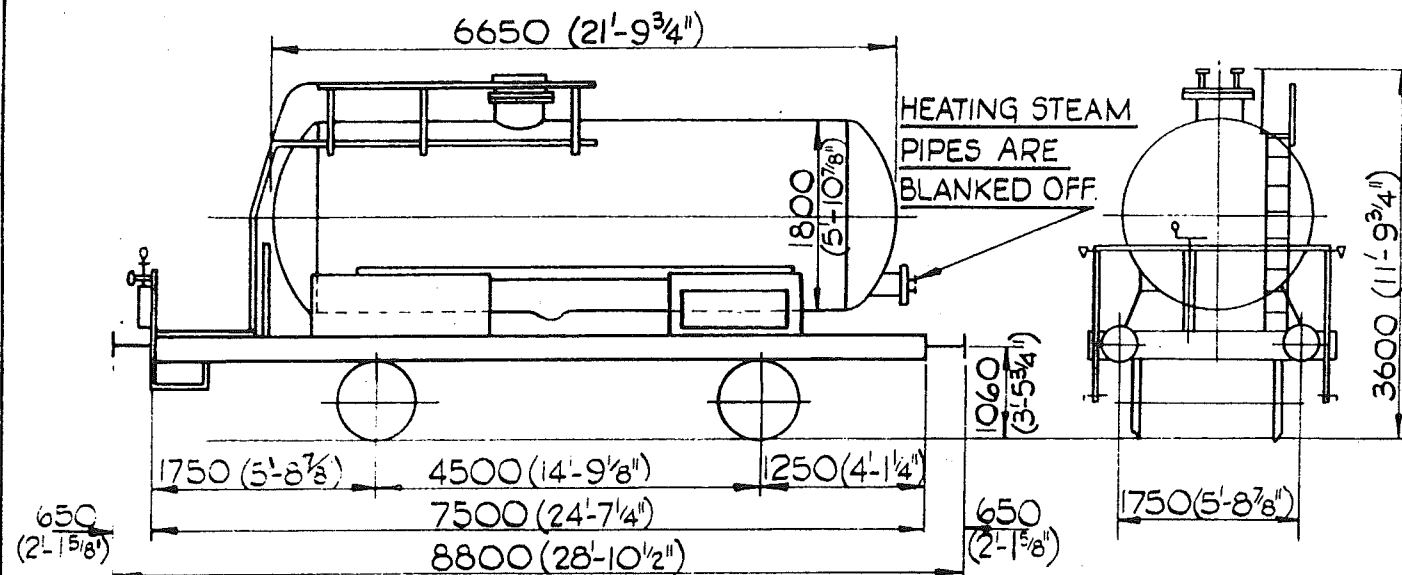
QTY. - 1

G A DRG. N^{os}. - V.T.G. 2309.01.263, 2311.01.364 & 2310.01.008.

VEHICLES SHOWN ON THIS
DIAGRAM WHERE ORIGINALLY
DUAL BRAKED VEHICLES
SHOWN ON DIAGRAM E159.

TOPS CODE	
CARKND	AARKND
OPERATING	PANEL No.
ICB	ICBA

	H	M	L	E
TONS	30	22	15	11
VB	0	0	0	0
A.B.	9	9	5	5
RA	2	1	1	1
Access	50	50	50	50
LENGTH	4.			



E. 640.

REV. 2

CAPACITY - 157 hl / 3460 galls.

TANK MATL. - ALUMINIUM.

POWER BRAKE -

COMPRESSED AIR & VACUUM
THRO' PIPE.

HANDBRAKE -

HAND LEVER.

TARE - 9500 kg.

LOAD -

A	B	C
20t		

TANK WAGON - GERMAN - DB.

VEREINIGTE TANKLAGER & TRANSPORTMITTEL

ORGANISATION - HAMBURG.

TYPE - Ufh.

VEHICLE N^o. - 21 80 078 0353, 363 & 368.

QTY. - 3.

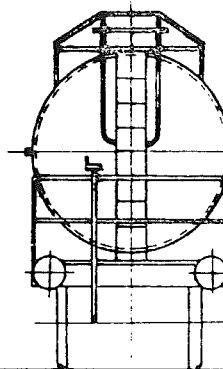
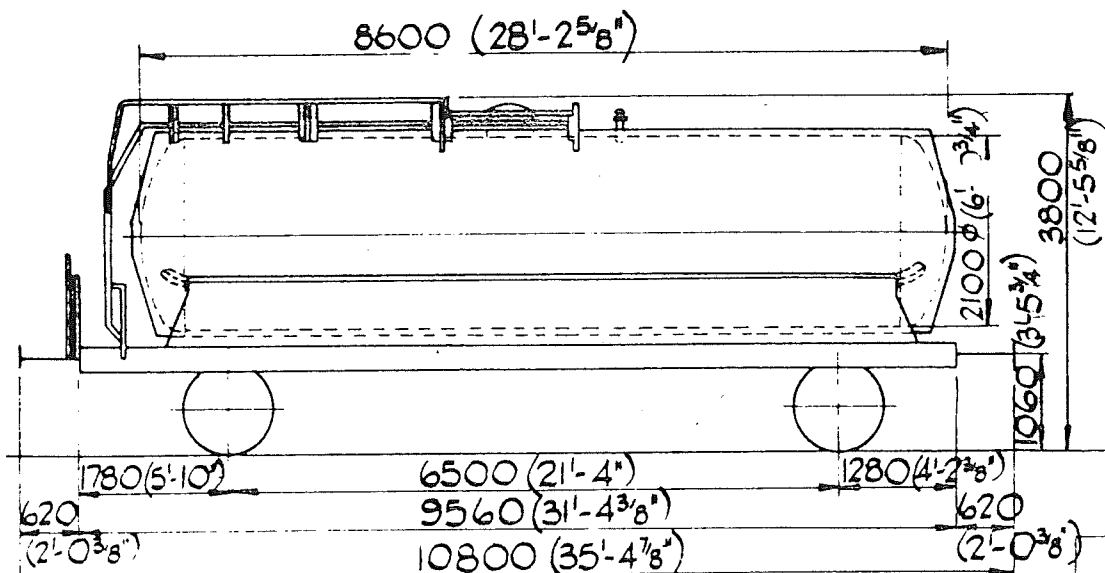
G.A. DRG. N^{os} - V.T.G. 2309.01.263, 2311, 01.364 & 2310.01.008.

VEHICLES SHOWN ON THIS
DIAGRAM WERE ORIGINALLY
DUAL BRAKED VEHICLES
SHOWN ON DIAGRAM E159.

TOPS CODE		
CARKND	AARKND	OPERATING
PANEL NO.		
ICB	ICBA	

	H	M	L	E
TONS	30	22	15	11
V.B.	0	0	0	0
A.B.	9	9	5	5
R.A.	2	1	1	1
SPRNG	50	50	50	50
EXCESS LENGTH			4.	

E 641.
REV.



CAPACITY. -
280hl/6160 galls.
TANK MATL. -
POWER BRAKE. -
COMPRESSED AIR &
VACUUM. THRO' PIPE.
HANDBRAKE. -
SCREW & SIDE LEVER.
TARE. - 13500 kg.

LOAD. -

	A	B	C.
	18,5t	22,5t	26,5t
S	18,5t	22,5t	

TANK WAGON. - GERMAN. - (D.B.) - V.T.G
TYPE - Ufhs

VEHICLE No. - 21 80 078 5 131, 136 & 137.

G.A. DRG No. - 2351 01 387 V.T.G. HAMBURG.

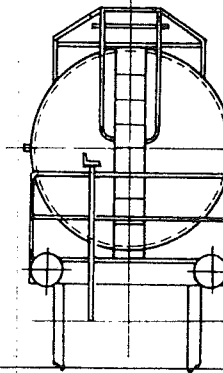
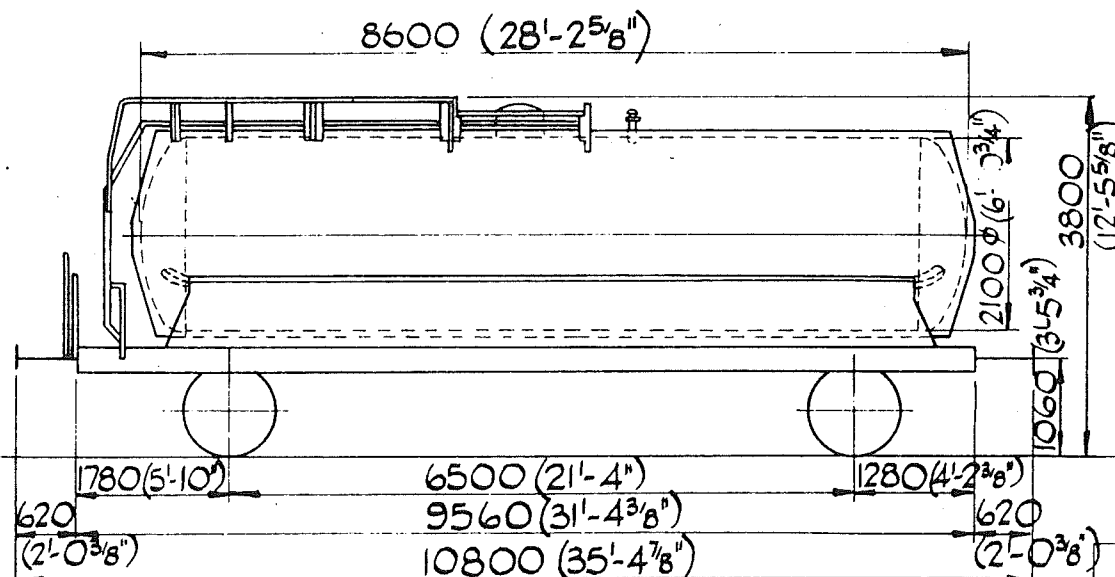
TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
1 C B	1 C B B	

	H	M	L	E
TONS	40	36	20	14
V.B.	0	0	0	0
A.B.	5	5	6	6
R.A.	6	5	1	1
SPEED	50	50	50	62
LENGTH			7	

QTY. 3.

VEHICLES SHOWN ON THIS DIAGRAM ARE VACUUM
THRO' PIPE VEHICLES FROM E269.

E 641.
REV. 4.



CAPACITY. -
280hl/6160galls.
TANK MATL. -
POWER BRAKE. -
COMPRESSED AIR &
VACUUM. THRO' PIPE
HANDBRAKE. -
SCREW & SIDE LEVER.
TARE. - 13500 kg.

LOAD. -

	A	B	C.
	18,5t	22,5t	26,5t
5	18,5t	22,5t	

TANK WAGON. - GERMAN. - (D.B.) - V.T.G.
TYPE. - Ufhs.

VEHICLE N^o. - 21 80 078 5 131, 133-140.

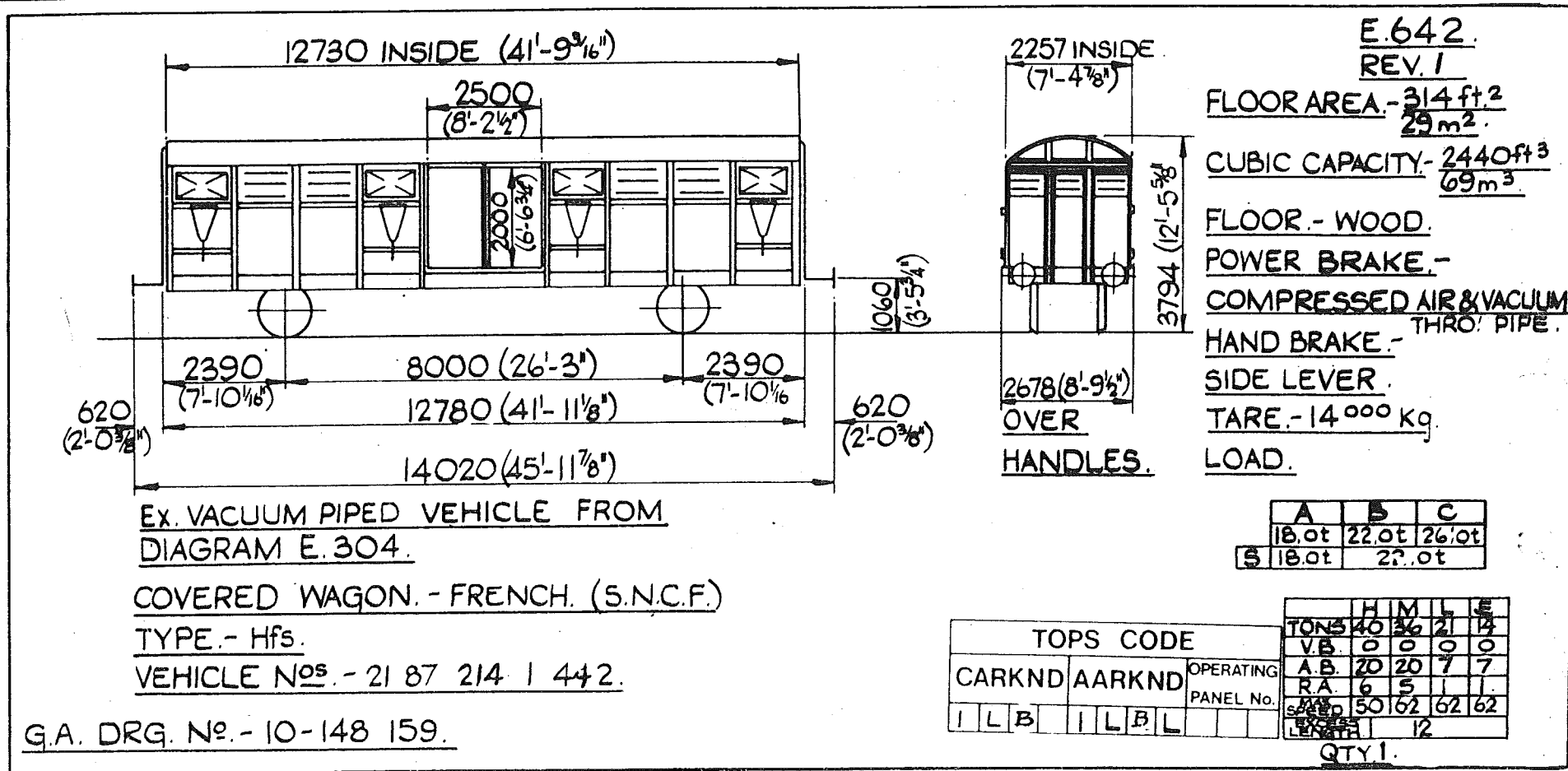
G.A. DRG. N^o. - 2351 01 387 V.T.G. HAMBURG.

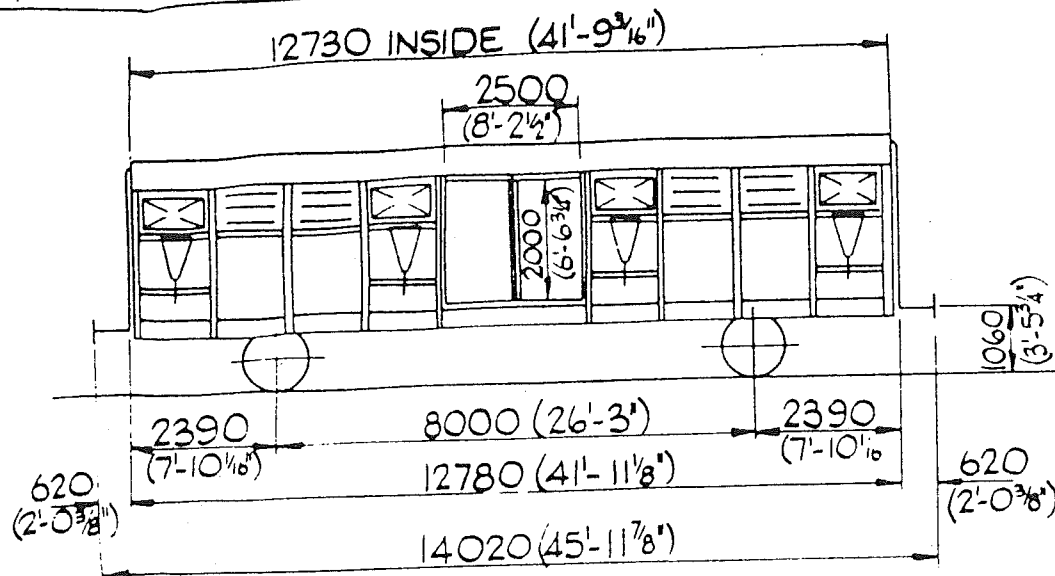
TOPS CODE

CARKND	AARKND	OPERATING PANEL No.
1 C B	1 C B B	

	H	M	L	E
TONS	40	36	20	14
V.B.	0	0	0	0
A.B.	15	15	6	6
R.A.	6	5	1	1
SPEED	50	62	62	62
MAX. SPEED	50	62	62	62

QTY. 9.





REL. VACUUM PIPED VEHICLE FROM
DIAGRAM E. 304

COVERED WAGON. - FRENCH. (S.N.C.F.)

TYPE. - Hfs.

VEHICLE NOS - 21 87 214 1 442.

G.A. DRG N° - 10-148 159.

2257 INSIDE
(7'-4 7/8")

3794 (12'-5 3/8")
2678 (8'-9 1/2")
OVER
HANDLES.

E.642
REV. 2.

FLOOR AREA. - 314 ft²
29 m²

CUBIC CAPACITY. - 2440 ft³
69 m³

FLOOR. - WOOD.

POWER BRAKE. -

COMPRESSED AIR & VACUUM
THRO' PIPE.

HAND BRAKE. -

SIDE LEVER.

TARE. - 14 000 kg

LOAD.

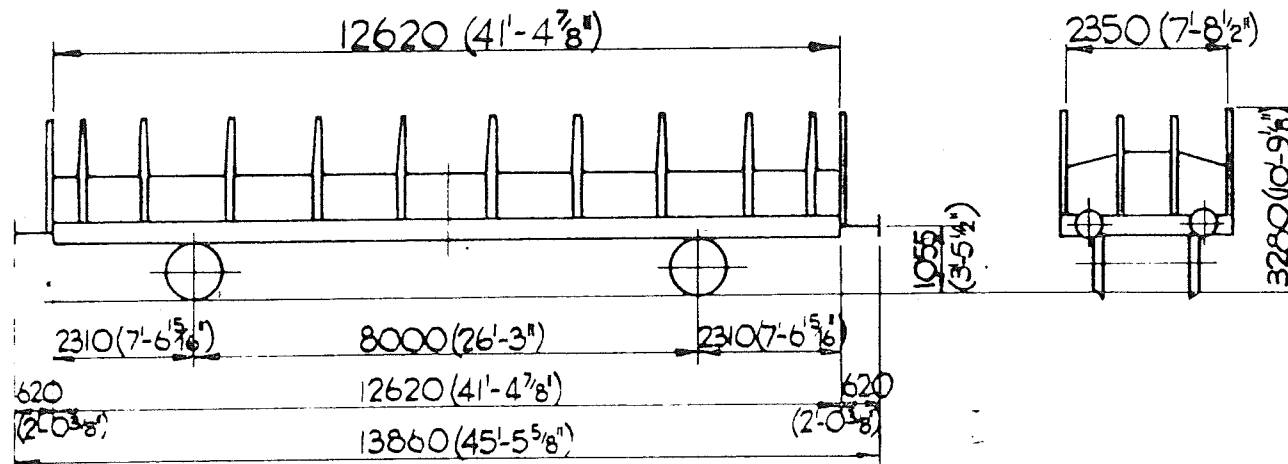
39t. IS MAX.
G.L.W. AT 62 mph

	A	B	C
18.0t	22.0t	26.0t	
5	18.0t	22.0t	25.0t

TOPS CODE	
CARKND	AARKND
1 L B	1 L B L

	H	M	L	E
TONS	39	36	21	14
VB	0	0	0	0
AB	20	20	7	7
RA	0	5	1	1
SATAS	62	02	62	62
EXCESS LENGTH		12		

QTY 1.



FLAT WAGON - SWEDEN - SJ

TYPE - OfS.

VEHICLE NOS - 21 74 379 0 011, 015, 017, 023, 029, 034, 042

053, 056, 079, 080, 083, 086, 087, 090, 092, 097

QTY - 17

Ex DUAL BRAKED VEHICLES ORIGINALLY SHOWN ON E306

G.A. DRG. No. - I.M.G. - 9363.

TOPS CODE
CARKND AARKND. OPERATING
1 F B 1 F B B PANE. NO.

E 643.

REV.

FLOOR AREA - 29.6m²
35.4sq yds.

CU. CAP. -

FLOOR - WOOD.

POWER BRAKE - COMPRD

AIR & VAC THRO' PIPE

HANDBRAKE -

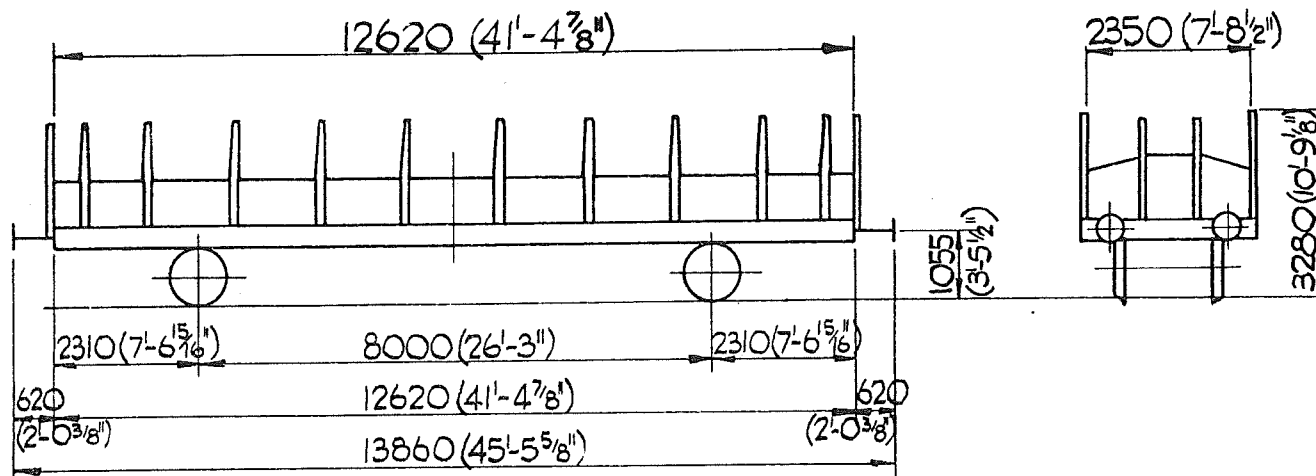
SIDE LEVER.

TARE - 13⁰⁰⁰ kg.

LOAD -

	A	B	C
	19t	23t	27t
S	19t	23t	27t

	H	M	L	E
TONS	40	36	20	13
VB	0	0	0	0
AB	18	18	6	6
R.A.	6	5	1	1
MAX SPEED	62	62	62	62
DOORS LENGTH	12			



FLAT WAGON - SWEDEN - SJ.

TYPE - Ofs.

VEHICLE NOS. - 21 74 379 0 000 - 099.

QTY.-100.

G.A. DRG. N^o. - I.M.G. - 9363.

E 643.
REV. 4.

FLOOR AREA- 29.6m²
35.4sq yds.

CU.CAP.-

FLOOR- WOOD.

POWER BRAKE - COMPR

AIR & VAC. THRO' PIPE.

HANDBRAKE -

SIDE LEVER.

TARE - 13000 kg.

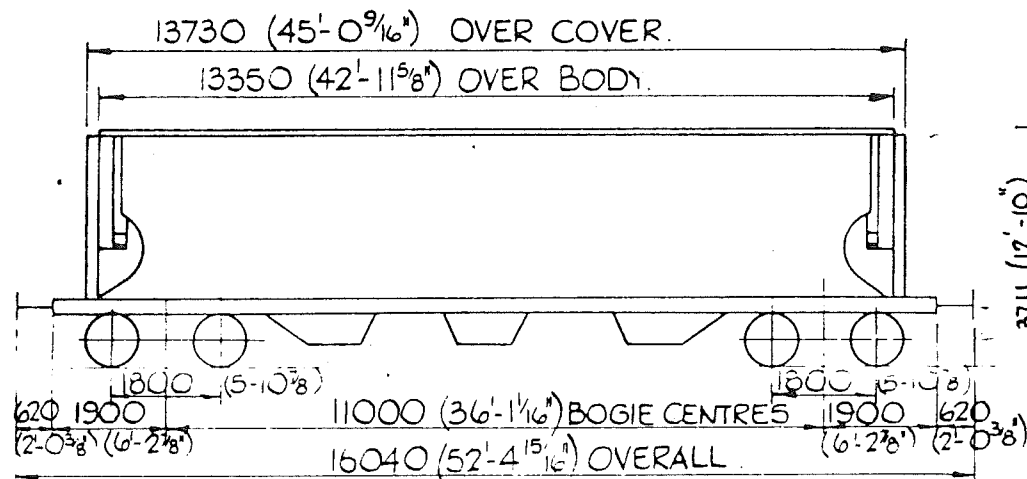
LOAD-

	A	B	C
	19t	23t	27t
S	19t	23t	27t

	H	M	L	E
TONS	40	36	20	13
V.B.	0	0	0	0
A.B.	18	18	6	6
R.A.	6	5	1	1
MAX SPEED	62	62	62	62
EXCESS LENGTH	12			

TOPS CODE				OPERATING
CARKND	AARKND			PANEL No.
I F B	I F B B			

Ex. DIAGRAM E 431.



HOPPER WAGON - FRENCH - Etablissements Lefebvre et Cie.

TYPE - T adfs.

VEHICLE N° - 21 87 059 8 002 - 006.

G.A. DRG. N°. - FAUVET GIREL. 107 075.

E 644
REV.

CAPACITY - 70m³/2472 ft³.

TANK MATL. -

POWER BRAKE. -

AIR BLOCK. 2-STAGE, 2-PRESSURE

THRO' VACUUM PIPE

HANDBRAKE -

SCREW.

TARE 21850 Kg.

LOAD -

	A	B	C
	42t	50t	58t
5	42t	50t	58t

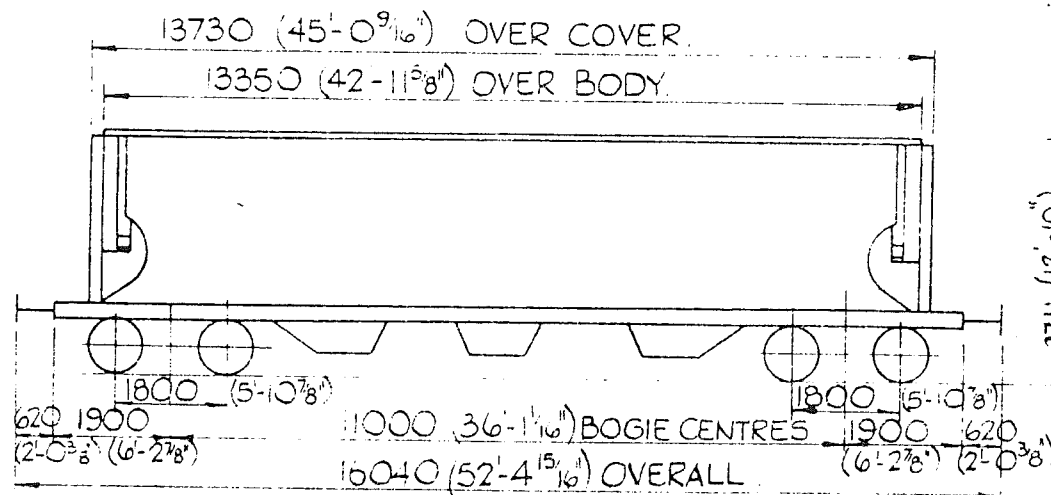
	H	M	L	E
TONS	80	72	37	22
V.B.	0	0	0	0
A.B.	40	40	16	16
RA.	6	5	1	1
SPEED	60	60	60	60
EXCESS LENGTH	5			

TOPS CODE		
CARKND	AARKND	OPERATING
IPB	IPBY	PANEL NO.
		1191

QTY. 5

Ex DIAGRAM E431

E 644
REV 3



CAPACITY - 70m³ 2472 ft³
TANK MATL -
POWER BRAKE -
AIR BLOCK 2-STAGE, 2-PRESSURE
THRO' VACUUM PIPE
HANDBRAKE -
SCREW
TARE 21850 kg.
LOAD -

	A	B	C
	42t	50t	58t
S	42t	50t	58t

HOPPER WAGON - SNCF. OWNERS - SLEMI.

TYPE - Tafoos

VEHICLE No - 33 87 5699 007 - 010

G.A. DRG. No - FAUVET GIREL 107 075.

	H	M	L	E
TONS	80	72	37	22
V.B.	0	0	0	0
A.B.	40	40	16	16
R.A.	6	5	1	1
SPEED	60	60	60	60
WHEELS	5			

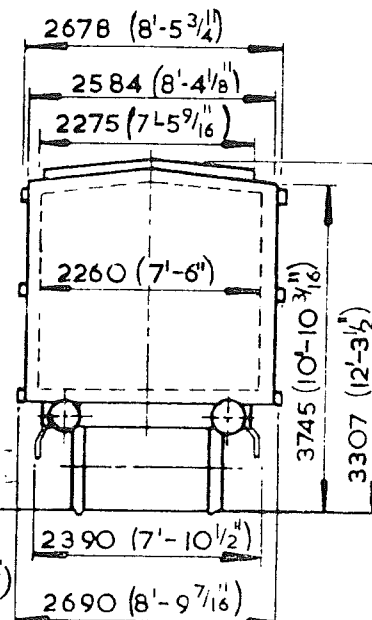
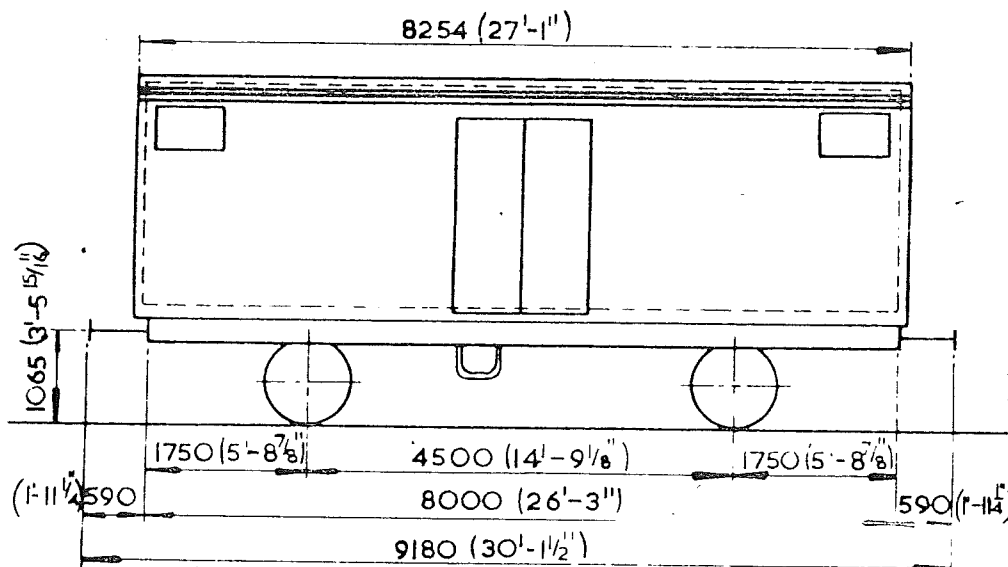
TOPS CODE

CARKND	AARKND	OPERATING
IPB	IPB/H	PANEL No
		1191

QTY 4

Ex. DIAGRAM E 028

TOPS CODE									
CARKND				AARKND				OPERATING PANEL No.	
1	1	X		1	1	X	R		



TYPE-REFRIGERATOR VAN-ITALIAN INTERFRIGO

VEHICLE Nos. 11ms 11 83 804 5 100 TO 263

AC PIPED VEHICLES ORIGINALLY SHOWN ON THIS DIAGRAM NOW SHOWN ON DIAGRAM E602.

E 645

REV.

FLOOR AREA. 17 sq. yds.
14 sq. metres
CUBIC CAPACITY. 39 cu. yds.
30 m³

FLOOR. WOOD

POWER BRAKE.
VACUUM BRAKE & AIR BRAKE

HANDBRAKE.

SCREW & HANDLEVER

TARE. 16 500 kg

LOAD.

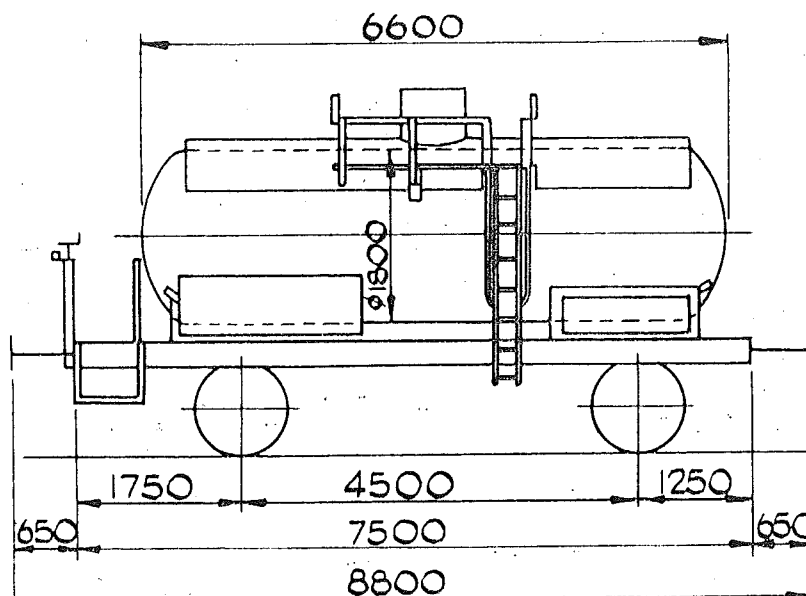
	A	B	C
13,0t	13,0t	13,0t	13,0t
S		13,0t	

	H	M	L	E
TONS	30	25	20	17
V.B.	5	5	5	5
A.B.	12	12	7	7
R.A.	2	1	1	1
MAX SPEED	45	45	45	45
EXCESS LENGTH			5	

QTY. 164

E. 647.

REV



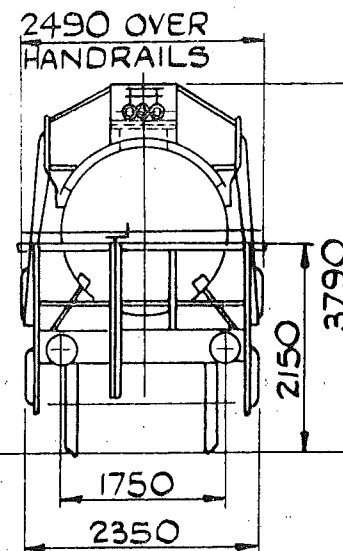
TANK WAGON - DB - V.T.G. HAMBURG.

TYPE - Ufh.

VEHICLE N^{os} - 21 80 078 0 107, 110 & 113.

QTY. - 3.

G.A. DRG. - V.T.G. N^o. 2603. 01. 296.



CAPACITY - 155 hl.

TANK MATL. -

POWER BRAKE - AIR

BRAKE & VAC. THRO. PIPE.

HANDBRAKE -

SCREW. HANDLEVER.

TARE - 14 000 kg.

LOAD -

A	B	C
18 t		

THESE VEHICLES WERE DUAL
BRAKED & ORIGINALLY SHOWN
ON DIAGRAM E202.

TOPS CODE

CARKND AARKND

1CB 1CBB

	H	M	L	E
TONS	32	25	19	14
V.B.	0	0	0	0
A.B.	9	9	5	5
R.A.	3	1	1	1
MAX. SPEED	50	50	50	50
EXCESS LENGTH	4			

E.648

REV

FLOOR AREA - 288 ft² / 27,72 m².

CUBIC CAPACITY - 440 ft³ / 12,476 m³.

FLOOR -

POWER BRAKE -

COMPRESSED AIR & VAC. THRO'

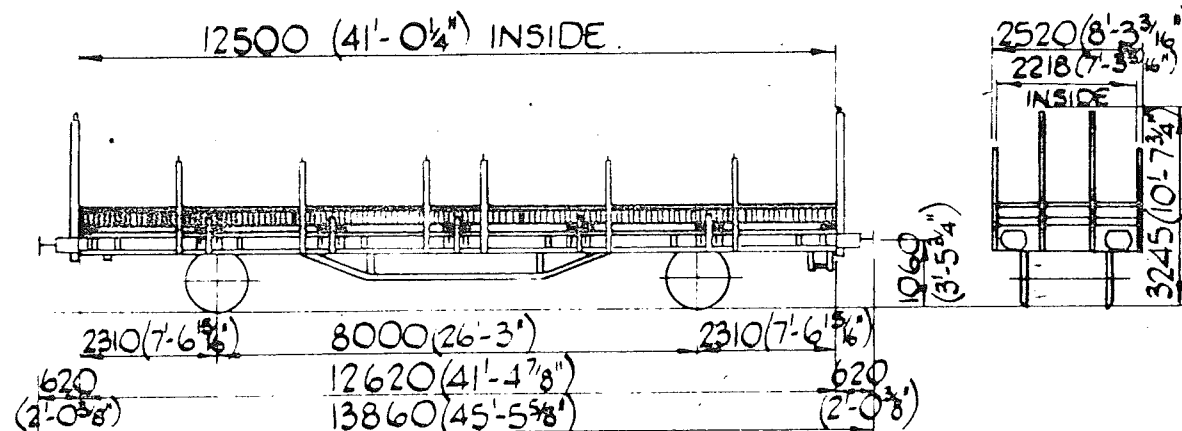
HANDBRAKE -

PIPE.

SIDE LEVER.

TARE - 12 Kg

LOAD -



FLAT WAGON - BELGIAN (S.N.C.B.)

TYPE - Lfs.

VEHICLE Nos - 2/ 88 414 0 100, 102, 103, 105-135, 137, 139, 140, 142, 144, 145, 147, 148, 150, 151, 153, 155, 156, 164, 165, 187, 194, 198.

G.A. DRG. No. - 833 0 002 M. (S.N.C.B.)

A	B	C
19,5t	23,5t	27,5t
S 19,5t	23,5t	

TOPS CODE	
CARKND	AARKND
1 F B	1 F B B

	H	M	L	E
TONS	50	25	20	5
VB	5	5	5	5
AB	15	15	5	5
BA	6	5	1	1
SA	50	62	62	62
LB	12			

QTY. 52

PREVIOUSLY SHOWN ON E.276.

E 648

REV 3

FLOOR AREA - 288 ft² / 27.72 m²CUBIC CAPACITY - 440 ft³ / 12.476 m³

FLOOR -

POWER BRAKE -

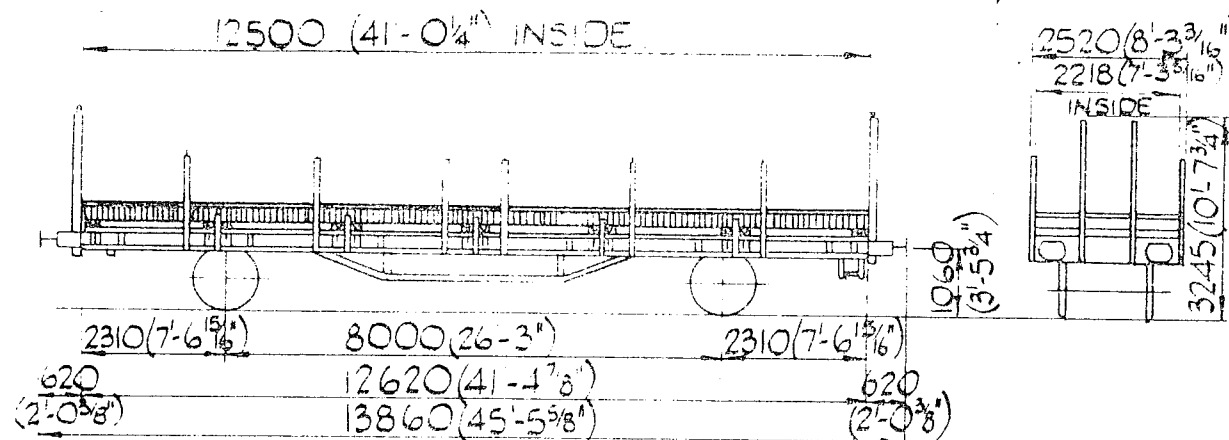
COMPRESSED AIR & VAC THRO'

HANDBRAKE - PIPE

SIDE LEVER

TARE - 12 000 Kg

LOAD -



FLAT WAGON - BELGIAN (S.N.C.B.)

TYPE - Lfs.

VEHICLE NOS - 2/ 88 414 0 139, 140, 142, 144, 145-147,

G.A. DRG. No - 833 0 002 M. (S.N.C.B.) 148, 150, 151, 153, 155, 156, 164, 165, 187, 194, 198.

	A	B	C
	19.5t	23.5t	27.5t
5	19.5t	23.5t	

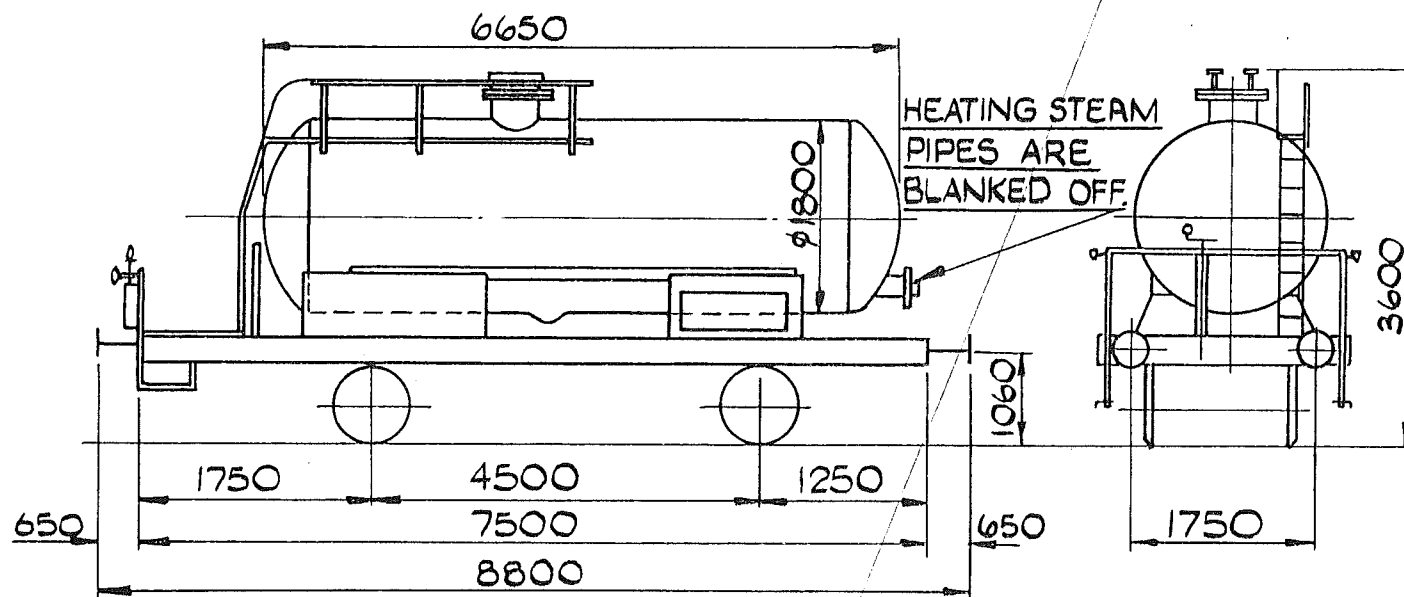
TOPS CODE		
CARKND	AARKND	OPERATING PANEL No
I F B	I F B B	

	H	M	L	E
TONS	40	36	20	
VB	6	6	6	6
AB	15	19	5	5
BA	6	5	1	1
SA	50	62	62	62
LA			12	

QTY. 53

Noted & shown
1/11/82

E649.
REV 2



CAPACITY - 157hl.
TANK MATL. - ALUMINIUM.
POWER BRAKE - VAC. THRO' PIPE.
HANDBRAKE - HAND LEVER.
TARE - 9700 kg.
LOAD -

A	B	C
18.1t		

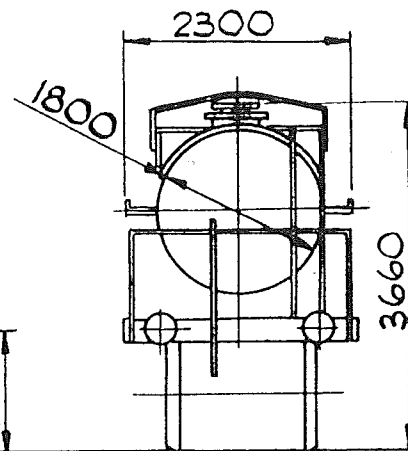
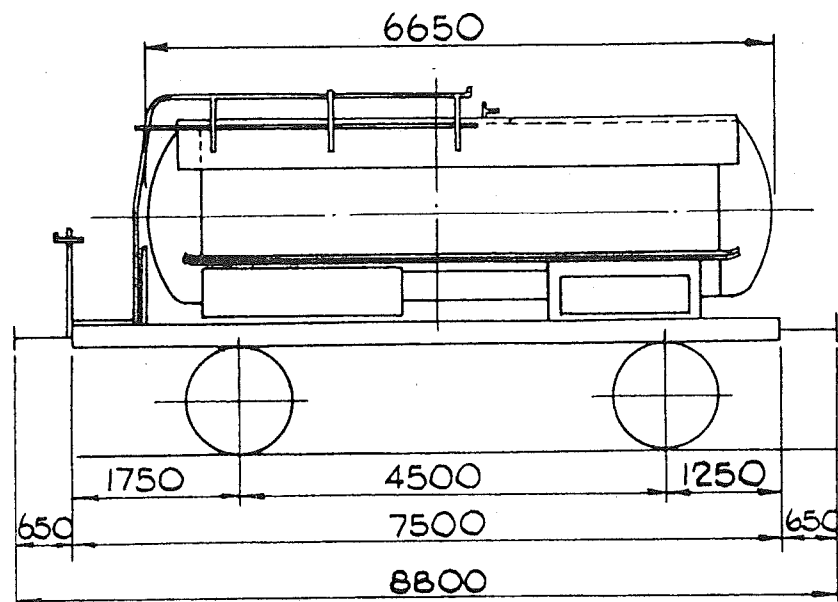
TANK WAGON - GERMAN - (D.B.) V.T.G.
TYPE - Ufh.
VEHICLE N^o. - 21 80 078 0 361.
QTY. - 1.

THIS VEHICLE WAS ORIGINALLY SHOWN DIAGRAM E159.

G.A. DRG. N^{os}. - V.T.G. 2309, 01.263, 2311, 01.364 & 2310, 01.008.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
1CX	1CXA	

	H	M	L	E
TONS	28	21	14	10
V.B.	5	5	5	5
A.B.	8	8	5	5
R.A.	2	1	1	1
MAX SPEED	50	50	50	50
EXCESS LENGTH	4			



E.650.

REV.1.

CAPACITY - 140 hl / 3080 galls.
TANK MATL. - ALUMINIUM.
POWER BRAKE - COMPRESSED
AIR & VAC. THRO' PIPE.
HANDBRAKE -
SCREW & SIDE LEVER.
TARE - 10460 kg.
LOAD -

A	B	C
21.5t	21.5t	

TANK WAGON - GERMAN - D.B. - V.T.G.

TYPE - Ufh.

VEHICLE N^o - 21 80 078 0 351 & 355.

QTY. - 2.

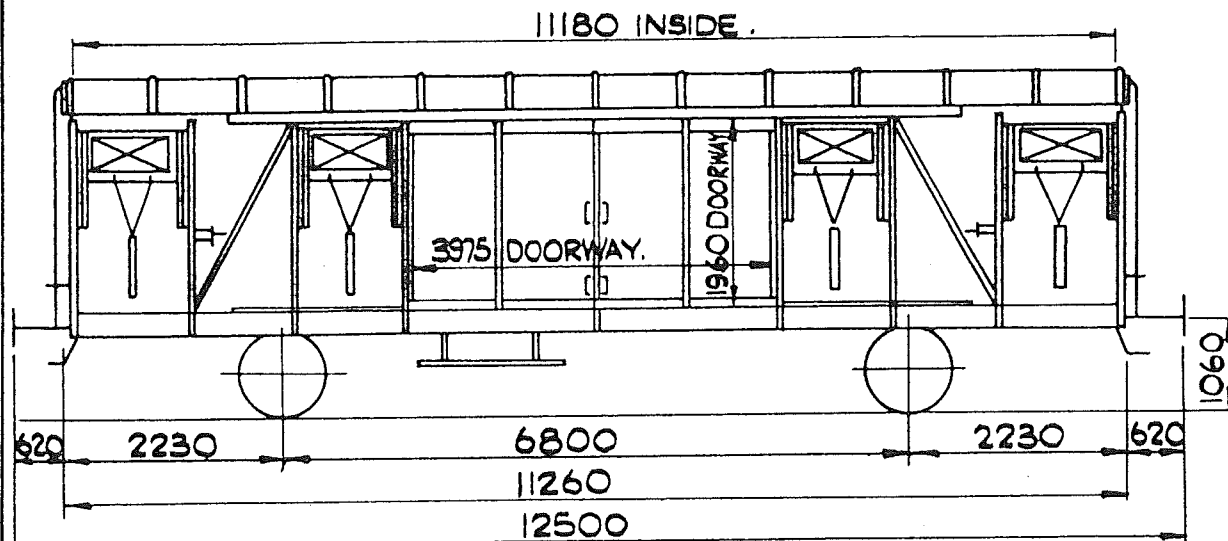
G.A. DRG. N^o - V.T.G. N^o 2309.01.343.

THIS VEHICLE WAS DUAL BRAKED
& ORIGINALLY SHOWN ON
DIAGRAM E 234.

TOPS CODE		
CARKND	AARKND	OPERATING
		PANEL No.
1	C B	1 C B B

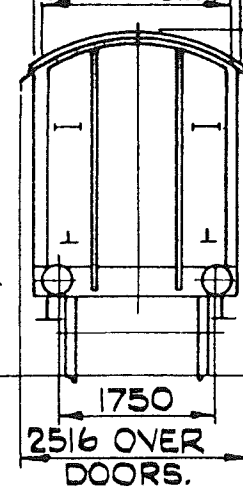
	H	M	L	E
TONS	32	24	16	11
V.B.	0	0	0	0
A.B.	9	9	5	5
R.A.	3	1	1	1
MAX SPEED	50	50	50	50
EXCESS LENGTH	4			

WAGON WILL NEGOTIATE A CURVE OF 3 CHAINS RADIUS.



2296 OUTSIDE

2240 INSIDE



E 655
REV.

FLOOR AREA - 25m²

CU. CAPACITY - 49m³

FLOOR - WOOD

POWER BRAKE -

AIR BRAKE.

VACUUM BRAKE.

HANDBRAKE - LEVER

TARE - 12 000 kg.

LOAD -

	A	B	C
	19t	23t	27t
S	19t	23t	27t

COVERED WAGON - GERMAN. - D.B.

TYPE - Hfrs.

VEHICLE N^{os} - 21 80 214 0 000, 003, 006, 007, 014, 016, 019, 026,

QTY. - 21.

028, 034, 049, 058, 066, 078, 085, 096, 010, 117, 132,
134, 149.

TOPS CODE

CARKND AARKND

OPERATING

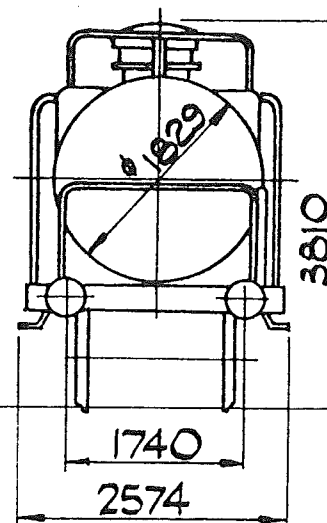
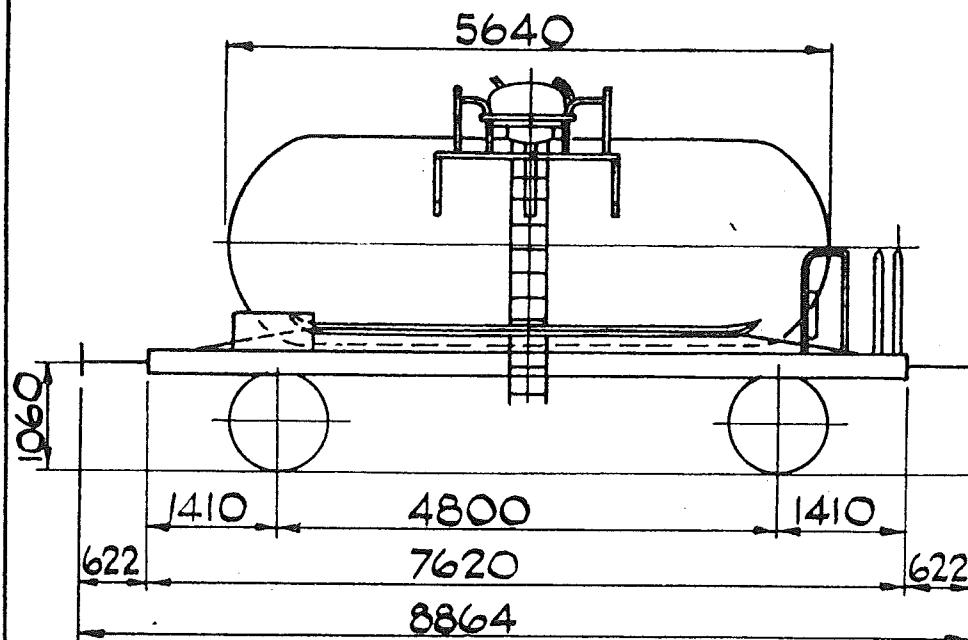
PANEL NO.

THESE VEHICLES WERE ORIGINALLY SHOWN ON E006.

1 M X 1 M X 1 C

	H	M	L	E
TONS	39	36	19	12
V.B.	5	5	5	5
A.B.	18	18	18	18
R.A.	6	5	1	1
MAX. SPEED	62	62	62	62
EXCESS LENGTH.	10			

E 656.
REV. 2



CAPACITY.- 136hl.
TANK MATL.- MILD STEEL.
POWER BRAKE-
AIR BRAKE.
HANDBRAKE-
SCREW & SIDE LEVER.
TARE - 15t
LOAD -

	A	B	C
	17t	21t	25t
5	17t	21t	25t

TANK WAGON - G.B. - OCTEL Co.
TYPE - Ufhs.
VEHICLE N^os. - 21 70 078 5 415.
QTY. - 1

G.A. DRG. N^o. - PROCOR (U.K.) LTD. - 771111/01.

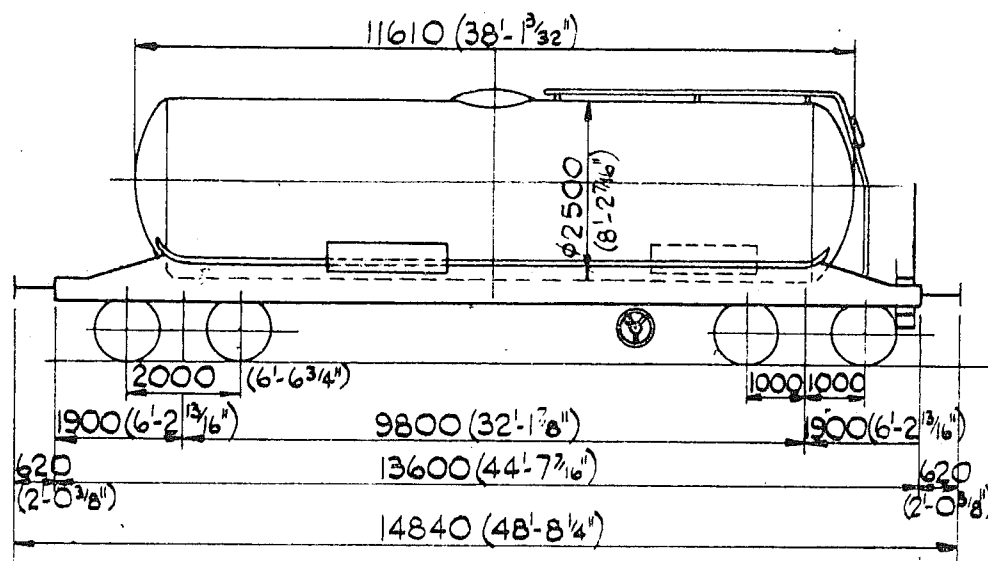
THESE VEHICLES WERE
ORIGINALLY SHOWN ON
E482.

TOPS CODE		OPERATING
CARKND	AARKND	PANEL No.
TIA	TIAL	8474

	H	M	L	E
TONS	40	40	15	15
V.B.	UNFITTED			
A.B	22	22	9	9
R.A.	6	6	1	1
MAX	60	60	60	60
EXCESS				
LENGTH			4	

E.659

REV



CAPACITY - 545 hl / 12044 galls.
 TANK MATL. - STEEL.
 POWER BRAKE -
 AIR BRAKE & VAC. THRO' PIPE
 HANDBRAKE - SCREW & PLATFORM SCREW.
 TARE - 22775 kg
 LOAD -

BOGIE WINE TANK - FRENCH (ERMEWA)

TYPE - Uafhs

VEHICLE No. 34, 87, 7890, 517

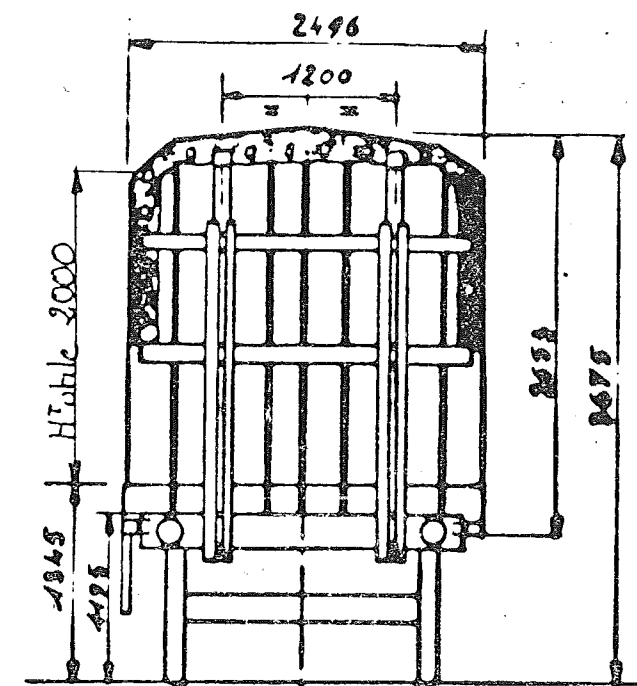
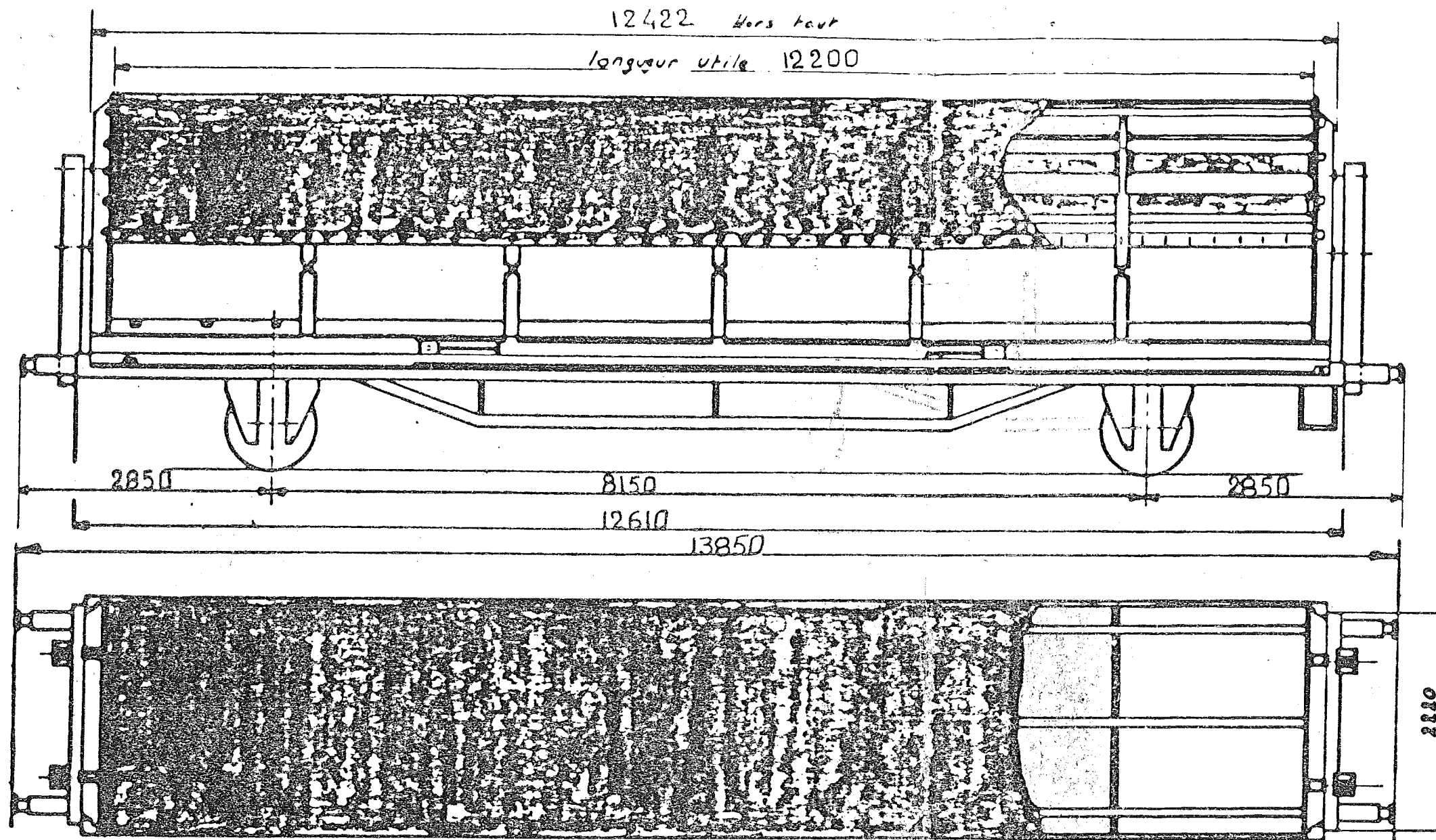
QTY. - 1

G.A. DRG No. - FAUVET GIREL 108460

	A	B	C
	41.7t	49.7t	57.3t
S	41.7t	49.7t	57.3t

TOPS CODE	
CARKND	AARKND
1	C B I C B D

	H	M	L	E
TONS	80	72	37	22
V.B.	32	32	11	11
A.B.	36	36	14	14
R.A.	6	5	1	1
SPR	62	62	62	62
LENGTH	4			



Surface utile au plancher : 29,64 m²
 Volume utile : 59,28 m³
 Longueur totale : 43,850 m
 Longueur intérieure : 42,200 m
 Longueur intérieure : 2,450 m
 Hauteur int. Maxi : 2,800 m
 Hauteur int. utile : 2,000 m

CAISSÉ RAIL-ROUTE

CHARGES LIMITES

	A	B	C
	18	22	26
S	18	26	26
SS		22	

TARES :

Infrastructure : 9 t 150
 Superstructure : 4 t 600
 Total : 13 t 750

WAGON 2 essieux

- Essieux 989 aptes au trafic
- FRANCE-ESPAGNE-ANGLETERRE
- Système breveté autorisant le passage à la butte

SUPERSTRUCTURE AMOVIBLE

Aménagement
 type savoyarde


4387 9196000 etc.

46-47 fr Lons

FREIN

- à air comprimé knorr auto variable
- à vide
- à volant manœuvrable du sol
- avec regleur S.A.B. DRV

E 542

Rep.	Désignation	Quantité
WAGON à superstructure amovible		
<div>  <div> Ateliers Breton Réparation Ferroviaire S.A. 44110 CHATEAUBRIANT </div> </div>		
Echelle: 1/50		
DESSINE: B.O. 26-048		
N°646 ^D		