



## **CHAPTER 3**

# **CONTAINER SPECIFICATIONS**

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## Part one

# TYPES OF CONTAINERS



## 1.1. General information

### 1.1.1 External and Minimum Internal Dimensions

The following table gives the overall external dimensions as standardized in ISO 668 and the minimum internal dimensions and door openings for General Purpose Containers as standardized in ISO 1496-1

Dimensions	Length		Width	Height		
	20'	40'	8'	8'	8' 6"	9' 6"
	6 058 mm	12 192 mm	2 438 mm	2 438 mm	2 591 mm	2 896 mm
Minimum Internal Dimensions	5 867 mm 19' 3"	11 998 mm 39' 4 3/8 "	2 330 mm 7' 7 3/4 "	2 197 mm 7' 2 1/2 "	2 350 mm 7' 8 1/2 "	2 655 mm 8' 8 1/2 "
Minimum Door Opening Dimensions			2 286 mm 7' 6"	2 134 mm 7'	2 261 mm 7' 5"	2 566 mm 8' 5"

### 1.1.2 Internal Dimensions

The internal dimensions and door openings of containers exceed the above given dimensions. However, the dimensions mentioned on the following pages are nominal figures. Because of production tolerances a difference in measures is possible.

Tolerances	Length	width	height
Maximum Difference	10 mm 3/8 "	10 mm 3/8"	10 mm 3/8"

### 1.1.3 Maximum Gross Weights

#### 20' containers:

24 000 kg (52 910 lbs.) according to the last issue of ISO 668;  
30 480 kg (67 200 lbs.) valid for most 20' containers; exceeds ISO minimum standards.

#### 40' containers:

30 480 kg (67 200 lbs.)

### 1.1.4 Floor Loads

A container floor is capable of carrying a fork-lift truck with a maximum axle load of 5.460 kg (12 040 lbs.), if the contact area per wheel is at least 142 cm<sup>2</sup> (22sq.in) (ISO 1496/1)

### 1.1.5 Concentrated Loads

When stowing heavy cargo in containers other than flats or platforms due care has to be taken that concentrated loads will not exceed the strength of the bottom construction of the container.

The maximum spreaded load should not exceed:

- for 20' containers 4 Ts per running meter in length (3'3,5")
- for 40' containers 3 Ts per running meter in length

### 1.1.6 Gooseneck Tunnel on 40' containers

Some 40' containers are fitted with a gooseneck tunnel to enable the transport on gooseneck chassis.

## 1.2. Definitions related to container components and structures.

**Corner Fittings:** Fittings located at the corners of containers providing means of supporting, stacking, handling and securing the container.

**Top End Transverse Member:** Transverse structural member at the top of an “end frame” of a container joining the top corner fittings of the end in question. Where mounted above end doors, these members are commonly known as “door headers”, and in open top containers such headers are often movable (“swinging” or “hinged”) and sometimes completely removable.

**Bottom End Transverse Member:** Transverse structural member at the bottom of an “end frame” of a container joining the bottom corner fittings of the end in question. Where mounted below end doors, these members are commonly known as “door sills”.

**Top Side Rail:** Longitudinal structural member at the top of a side of a container joining top corner fittings of the side in question.

**Bottom side Rail:** Longitudinal structural member at the bottom of a side of a container joining the bottom corner fittings of the side in question.

**Corner Post:** Vertical structural member at either side of an “end frame” of a container joining a top and bottom corner fitting (and thereby forming a “corner structure”).

**Floor:** Component supporting payload of container. Component generally constructed from a number of planks or panels. In certain categories of thermal containers, floor components may be especially designed to allow air (or gas) to be passed underneath the cargo.

**Floor Bearers:** Components in the “base structure” of a container supporting the floor.

In general cargo containers, such components are commonly laid transversely.

In such cases they are also known as “cross members” or “intermediate transverse members”, i.e. transverse members in the base structure, intermediate between the “bottom end transverse members” in the “end frame”.

In platform based containers, transverse floor planking is sometimes supported on additional longitudinal members, in which case these may also be regarded as floor bearers.

**Roof Bows:** Members mounted transversely across the top of a container and either forming part of a rigid roof structure or supporting flexible, removable covers, in which case the members are commonly removable, or so designed as to slide to facilitate the loading of cargo through the top of the container.

**Fork (Lift) Pockets:** Reinforced pockets running transversely across the “base structure” of a freight container piercing the bottom side rails at prescribed positions to permit the entry of the tines of fork lift devices for lifting and carrying the container.

**Grappler Arm Lifting Areas:** Recesses in the bottom side rails of a container having specified features to permit the use of grappler arms for lifting and carrying the container.

**Gooseneck Tunnel:** Recess at one end (commonly the “front” end) of the container designed to accommodate the raised portion of a goosenecked chassis.

In certain types of containers, gooseneck tunnels are fitted at each end.

**Opening:** Aperture closed by a movable or removable panel of a container designed as a load bearing structure and also to be weatherproof and reasonably airtight.

**NOTE:** *The term “open” is a description applied where one or more of the sides, ends or the roof of a container is permanently open. This description is still applicable even when flexible covers are provided.*

**End Door:** Load bearing panel located in an end wall, arranged to open or close an aperture having prescribed minimum width and height.

**Covers:** Flexible, removable sheets (such as sheets of canvas, plastic or plastic coated cloth) usually intended to provide a weatherproof closure to an open top, side and/or end of a container.

**End Frame:** Assembly at either end of a container consisting of two top and two bottom corner fittings, two corner posts and a top and a bottom transverse member.

**NOTES:** *This commonly used term overlaps with the term “base structure” to the extent that the bottom corner fitting and the bottom end transverse member appear in both.*

**End Wall:** End closure of a freight container bounded by and affixed to, but not including the end frame.

**NOTES:** *Reference is sometimes made to the “rear” or “front” end of a container. The “rear” end is normally taken to mean the door end and the “front” end is taken to mean the end opposite to the door end.*

**Side Wall:** Side closure of a freight container bounded by and affixed to, but not including, top and bottom side rails or corner structures.

**Roof:** Rigid weatherproof structural assembly forming the top closure of a container, bounded and supported by the top end transverse members and the top side rails. Although rigid assemblies, roofs may in some cases be removable.

**General Purpose Container (see ISO 1496/1):** Freight container, totally enclosed and weatherproof, having a rigid roof, rigid side walls, rigid end walls and a floor, having at least one of its end walls equipped with doors and intended to be suitable for the transport of cargo of the greatest possible variety.

**Specific Purpose Container:** This is a general term applicable to all general cargo containers having constructional features either for the “specific purpose” of facilitating packing and emptying other than by means of doors at one end of the container, or for other specific purposes such as ventilation.

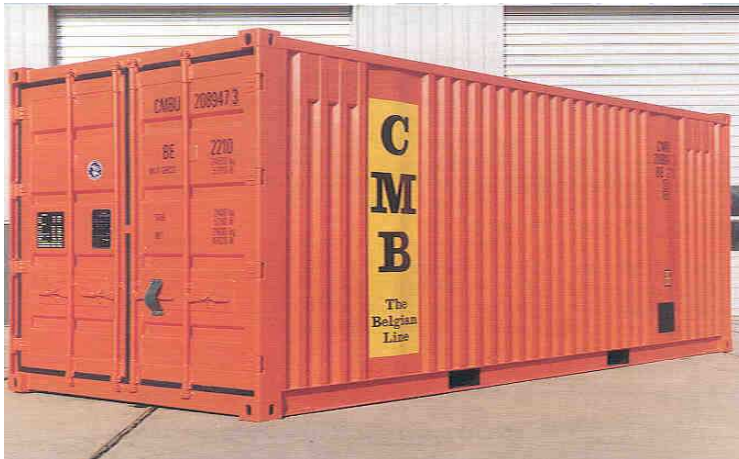
**Closed Ventilated Container:** Container of a closed type, similar to a general purpose container, but specifically designed for carriage of cargo where ventilation, either natural or mechanical (forced), is necessary.

**Open Top Container (see ISO 1496/1):** Freight container similar in all respects to a general purpose container except that it has no rigid roof but may have a flexible and movable or removable cover, for example one made of canvas or plastic or reinforced plastic material normally supported on movable or removable roof bows.

**Platform Based Container Open Sided:** This is a general term applied to any general cargo container which does not have rigid side walls or equivalent structures capable of withstanding all of the loads that may be withstood or transmitted by a side wall of a general purpose container and which, for this reason, has a base structure similar to that of a platform container).

### 1.3. General purpose container 20'

- Suitable for any normal cargo;
- Containers may be equipped with liner bags suitable for bulk cargo, e.g. malt;
- Fork-lift pockets on a number of containers;
- Various lashing devices on the top and bottom longitudinal rails and the corner posts. Lashing devices have a permissible load of 1 000 kg (2 205 lbs.) each;
- Note permissible weight limits for road and rail transport.



Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length	Width	Height	Width	Height	Max Gross	Tare	Max Payload	m3 cu.ft
	Mm Ft	mm ft	mm ft	mm ft	Mm Ft	Kg lbs.	kg lbs.	kg lbs.	

8' 6" high

Steel container with corrugated walls and Wooden floor	5895	2350	2392	2340	2292	30 480	2 250	28 230	33,2
	19' 4 1/8"	7' 8 1/2"	7' 10 1/8"	7' 8 1/8"	7' 6 1/4"	67 200	4 960	62 240	1172
	5.895	2.350	2385	2338	2292	24 000	2 250	21 750	33,2
	19' 4"	7' 8 1/2"	7' 9 7/8"	7' 8"	7' 6 1/4"	52 910	4 960	47 950	1172
	5879	2330	2370	2330	2290	24 000	2 250	21 750	33
	19' 3 3/8"	7' 7 3/4"	7' 9 1/4"	7' 7 3/4"	7' 6 1/8"	52 910	4 960	47 950	1165
	5889	2346	2372	2330	2272	24 000	2 360	21 640	32,8
	19' 3 7/8"	7' 8 3/8"	7' 9 3/8"	7' 7 3/4"	7' 5 1/2"	52 910	5 200	47 710	1158
	5885	2350	2403	2338	2292	24 000	2 150	21 850	33,15
19' 4"	7' 8 1/2"	7' 10 5/8"	7' 8"	7' 6 1/4"	52 910	4 740	48 170	1170	
5884	2335	2390	2335	2292	24 000	2 200	21 800	33,1	
19' 3 5/8"	7' 8"	7' 10"	7' 8"	7' 6 1/4"	52 910	4 850	48 060	1169	
5899	2350	2394	2338	2280	24 000	2 180	21 820	33,2	
19' 4 1/4"	7' 8 1/2"	7' 10 1/4"	7' 8"	7' 5 3/4"	52 910	4 810	48 100	1172	
5891	2330	2376	2330	2272	24 000	2 300	21 700	33	
19' 3 7/8"	7' 7 3/4"	7' 9 1/2"	7' 7 3/4"	7' 5 1/2"	52 910	5 070	47 840	1165	
5880	2330	2380	2330	2275	24 000	2 300	21 700	33	
19' 3 1/2"	7' 7 3/4"	7' 9 5/8"	7' 7 3/4"	7' 5 1/2"	52 910	5 070	47 840	1165	

## 1.4. General purpose container 40'

- Suitable for any normal cargo;
- Various lashing devices on the top and bottom longitudinal rails and the corner posts. Lashing devices have a permissible load of 1 000 kg (2 205 lbs.) each;
- Note permissible weight limits for road and rail transport.



Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length	Width	Height	Width	Height	Max Gross	Tare	Max Payload	m3 cu.ft
	Mm Ft	mm ft	mm ft	mm ft	mm ft	kg lbs.	kg lbs.	kg lbs.	
<b>8' 6" high</b>									
Steel container	12 029 39' 5 1/2"	2350 7' 8 1/2"	2392 7' 10 1/8"	2340 7' 8 1/8"	2292 7' 6 1/4"	30 480 67 200	3 780 8 330	26 700 58 870	67,7 2390
	With corrugated Walls and	12 024 39' 5 3/8"	2.350 7' 8 1/2"	2387 7' 10"	2340 7' 8 1/8"	2292 7' 6 1/4"	30 480 67 200	3 810 8 400	26 670 58 800
Wooden floor	12 033 39' 5 3/4"	2350 7' 8 1/2"	2394 7' 10 1/4"	2338 7' 8"	2280 7' 5 3/4"	30 480 67 200	3 800 8 377	26 680 58 823	67,7 2390

## 1.5. High cube general purpose container

- Especially for light, voluminous cargo and overheight cargo up to max 2.70 m(8' 10 1/4").
- Numerous lashing devices on the top and bottom longitudinal rails and the corner posts.
- Lashing devices have a permissible load of 1 000 kg (2 205 lbs.) each.
- Consider overheight for inland transportation.
- Note permissible weight limits for road and rail transport.



Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length	Width	Height	Width	Height	Max Gross	Tare	Max Payload	
	Mm Ft	mm ft	mm ft	mm ft	mm ft	kg lbs.	kg lbs.	kg lbs.	m3 cu.ft

### 9' 6" high

Steel container with corrugated walls and Wooden floor	12 024	2350	2697	2340	2597	30 480	4 020	26 460	76,3
	39' 5 3/8"	7' 8 1/2"	8' 10 1/8"	7' 8 1/8"	8' 6 1/4"	67 200	8 860	58 340	2694
Steel container with corrugated walls and Wooden floor	12 024	2.350	2697	2338	2585	30 480	4 020	26 460	76,3
	39' 5 3/8"	7' 8 1/2"	8' 10 1/8"	7' 8"	8' 5 3/4"	67 200	8 860	58 340	2694

## 1.6. Hardtop container 20'

- It has especially been constructed for heavy loads, high and excessively high loads and for loading, e.g. by crane through roof opening and door side.
- The steel roof of some series is fitted with fork-lift rings so that it can be removed by using a forklift.
- The weight of the steel roof is approx. 450 kg (990 lbs.).
- With the roof removed and the door-header swung out, it is much easier to load cargo using a crane via the door side.
- In case the cargo has overheight the roof sections can be lashed to a side-wall inside the container using only some 13 cm(5 1/8") of space.
- If required, disposable tarpaulins for the transport can provide, which can be fastened to the walls on the outside using lashing devices.
- The capacity of the container floor exceeds the ISO 1496/1 standard by 33%, so that a fork-lift whose front axle weight does not exceed 7.280 kg (16.000 lbs.) can be used inside.
- The hardtop container provides many lashing devices to fasten the goods. The lashing devices on the corner posts and on the longitudinal rails of the roof and floor are capable of bearing loads of up to 2.000 kg (4.410 lbs.) each, and those in the middle of the side walls up to 500 kg (1.100 lbs.) each. Lashing to the side walls can only be done after the roof has been closed.
- This container type has been designed for heavy loads. Whilst considering the technical data (including the permissible spreaded load limitations) please bear in mind the prevalent weight restrictions for land transport.

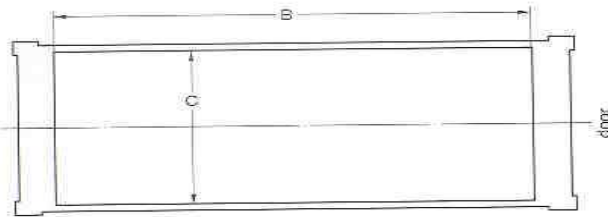


Construction	Inside Dimensions				Weights			Capacity
	Length	Width	Height		Max Gross	Tare	Max Payload	m3 cu.ft
	Mm Ft	mm ft	Middle mm ft	Side mm ft	kg lbs.	kg lbs.	Kg Lbs.	

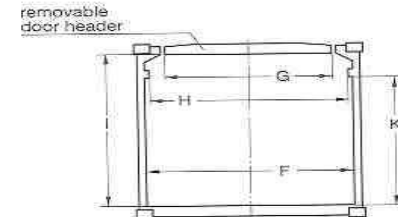
**8' 6" high**

Steel container	5886	2342	2388	2313	30 480	2700	27 780	32,8
	19' 3 3/4"	7' 8 1/8"	7' 10"	7' 7"	67 200	5950	61 250	1160
With corrugated Walls and Wooden floor	5886	2342	2388	2313	30 480	2700	27 780	32,8
	19' 3 3/4"	7' 8 1/8"	7' 10"	7' 7"	67 200	5 950	61 250	1160
	5886	2342	2375	2330	30 480	2590	27 890	32,8
	19' 3 3/4"	7' 8 1/8"	7' 9 1/2"	7' 7 3/4"	67 200	5 710	61 490	1160
	5871	2338	2390	2335	24 000	2 580	21 420	32,8
	19' 3 1/8"	7' 8"	7' 10"	7' 8"	52 910	5 690	47 220	1158

Roof Openings:



Door Openings:



Roof Openings

Length	Width
B	C
Between Glusset Plates	Max. Width
Mm Ft	mm ft

Door Openings

Width			Height	
F	G	H	I	K
Max. Width	At Door Header	Between Top Longi- tudinal Rails	Up to Door Header	Up to Top Longi- tudinal Rail
Mm Ft	mm ft	mm ft	mm ft	mm ft

Roof inside  
Container

Reduced Width		
Inside Width	Width of Roof Opening	Width of Door Opening
mm ft	Mm Ft	mm ft

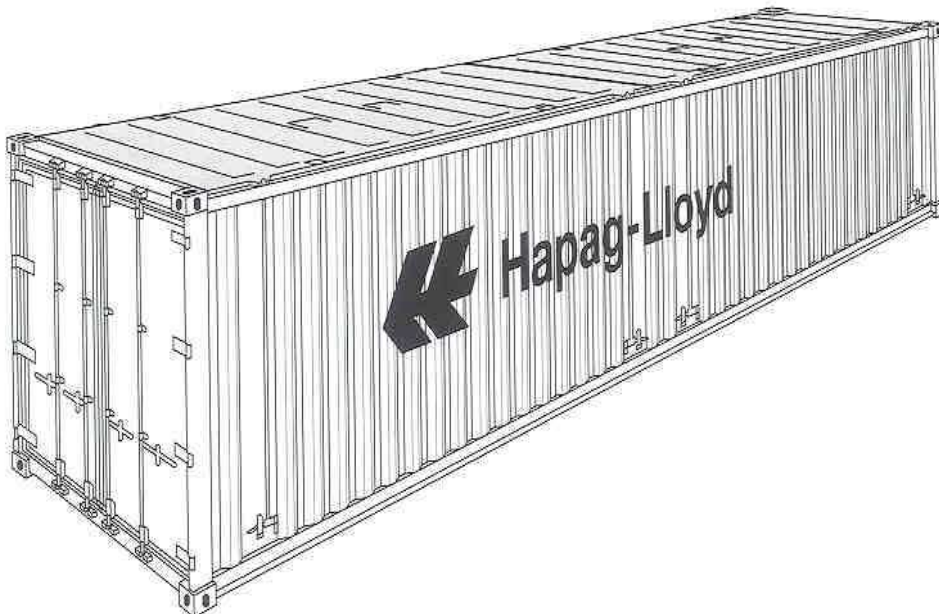
5590	2208
18' 4"	7' 2 7/8"
5590	2208
18' 4"	7' 2 7/8"
5590	2208
18' 4"	7' 2 7/8"
5616	2206
18' 5 1/8"	7' 2 7/8"

2336	1896	2208	2276	2220
7' 8"	6' 2 5/8"	7' 2 7/8"	7' 5 5/8"	7' 3/8"
2336	1896	2208	2292	2220
7' 8"	6' 2 5/8"	7' 2 7/8"	7' 6 1/4"	7' 3/8"
2336	1896	2208	2280	2231
7' 8"	6' 2 5/8"	7' 2 7/8"	7' 5 3/4"	7' 3 3/4"
2335	1890	2206	2292	2225
7' 8"	6' 2 3/8"	7' 2 7/8"	7' 6 1/4"	7' 3 1/2"

2209	2142	2206
7' 3"	7' 1/4"	7' 2 7/8"
2209	2142	2206
7' 3"	7' 1/4"	7' 2 7/8"
2215	2148	2212
7' 3 1/8"	7' 1/2"	7' 3"
2250	2180	2250
7' 4 1/2"	7' 1 3/4"	7' 4 1/2"

## 1.7. Hardtop container 40'

- It has especially been constructed for heavy loads, high and excessively high loads and for loading, e.g. by crane through roof opening and door side.
- The steel roof of some series is fitted with fork-lift rings so that it can be removed by using a forklift.
- The weight of the steel roof is approx. 450 kg (990 lbs.).
- With the roof removed and the door-header swung out, it is much easier to load cargo using a crane via the door side.
- In case the cargo has overheight the roof sections can be lashed to a side-wall inside the container using only some 13 cm(5 1/8") of space.
- If required, disposable tarpaulins for the transport can provide, which can be fastened to the walls on the outside using lashing devices.
- The capacity of the container floor exceeds the ISO 1496/1 standard by 33%, so that a fork-lift whose front axle weight does not exceed 7.280 kg (16.000 lbs.) can be used inside.
- The hardtop container provides many lashing devices to fasten the goods. The lashing devices on the corner posts and on the longitudinal rails of the roof and floor are capable of bearing loads of up to 2.000 kg (4.410 lbs.) each, and those in the middle of the side walls up to 500 kg (1.100 lbs.) each. Lashing to the side walls can only be done after the roof has been closed.
- The roof can easily be raised by about 70 mm (2 3/4"), using the roof locking devices so that the door-header can be swung out without removing the roof.
- This container type has been designed for heavy loads. Whilst considering the technical data (including the permissible spreaded load limitations) please bear in mind the prevalent weight restrictions for land transport.



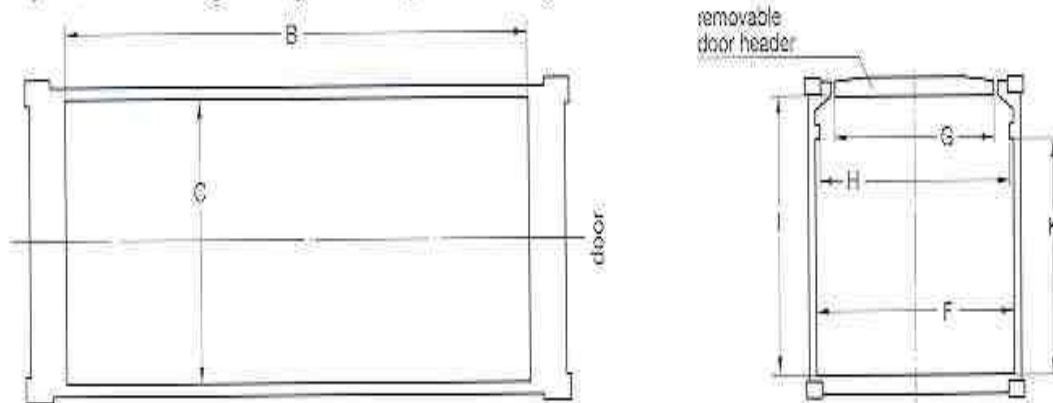
Construction	Inside Dimensions				Weights			Capacity
	Length	Width	Middle	Height Side	Max Gross	Tare	Max Payload	
	Mm Ft	mm ft						

**8' 6" high**

Steel container	12020	2342	2388	2313	30 480	4700	25 780	67,2
With corrugated	39' 5 1/4"	7' 8 1/4"	7' 10"	7' 7"	67 200	10 360	56 840	2374
Walls and	12020	2342	2388	2313	30 480	4 700	25 780	67,2
Wooden floor	39' 5 1/4"	7' 8 1/4"	7' 10"	7' 7"	67 200	10 360	56 840	2374

Remarks:

- 1) Roof with hinged rings for easy removal by fork-lift truck.



**Roof Openings**

Length	Width
B	C
Between Glusset Plates	Max. Width
Mm	mm
Ft	ft

**Door Openings**

Width			Height	
F	G	H	I	K
Max. Width	At Door Header	Between Top Longitudinal Rails	Up to Door Header	Up to Top Longitudinal Rail
Mm	mm	mm	mm	mm
Ft	ft	ft	ft	ft

**Roof inside Container**

Reduced Width		
Inside Width	Width of Roof Opening	Width of Door Opening
mm	mm	Mm
ft	ft	Ft

11724	2208
38' 5"	7' 2 7/8"

2336	1896	2208	2292	2220
7' 8"	6' 2 5/8"	7' 2 7/8"	7' 6 1/4"	7' 3 3/8"

2209	2142	2206
7' 3"	7' 3/8"	7' 2 7/8"

11724	2208
38' 5"	7' 2 7/8"

2336	1896	2208	2292	2220
7' 8"	6' 2 5/8"	7' 2 7/8"	7' 6 1/4"	7' 3 3/8"

2209	2142	2206
7' 3"	7' 3/8"	7' 2 7/8"

## 1.8. Open top container 20'

- Especially for:
  - overheight cargo,
  - loading from top side, e.g. by crane
  - loading from door side, e.g. with cargo hanging from overhead tackle.
- Door header can be swung out on all open top containers.
- If required, disposable tarpaulins can be provide. For fastening tarpaulins, lashing bars are available on the outside of the walls. Using one way tarpaulins requires the corner castings to be accessible.
- Fork-lift pockets on a number of containers.
- The capacity of the floor for use of fork-lift trucks exceeds the ISO standard by 33% on all 20' open top containers.
- Numerous lashing devices on the top and bottom longitudinal rails and the corner posts. Lashing devices have a permissible load of 1.000 kg (2.205 lbs.) each.
- Note permissible weight limits for road and rail transport.

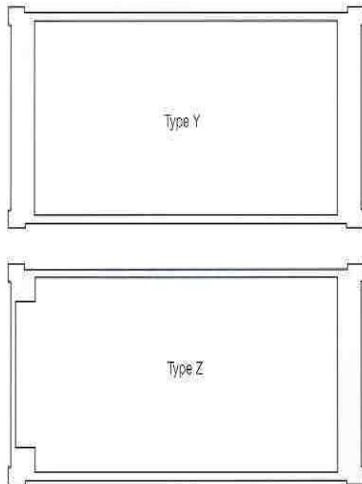


Construction	Inside Dimensions				Weights			Capacity
	Length	Width	Middle	Height	Max	Tare	Max	m3 cu.ft
	Mm Ft	mm ft	mm ft	mm ft	Gross kg lbs.	kg lbs.	Payload Kg lbs.	
<b>8' 6" high</b>								
Steel container With corrugated Walls and Wooden floor	5895 19' 4"	2350 7' 8 1/2"	2394 7' 10 1/4"	2364 7' 9"	24 000 52 910	2 100 4 630	21 900 48 280	32,45 1146
	5877 19' 3 3/8"	2335 7' 8"	2369 7' 9 1/4"	2303 7' 6 7/8"	24 000 52 910	2 200 4 850	21 800 48 060	32,4 1140
	5895 19' 4"	2330 7' 7 3/4"	2329 7' 7 3/4"		24 000 52 910	2 200 4 850	21 800 48 060	32 1130
	5888 19' 3 3/4"	2345 7' 8 1/8"	2365 7' 9"	2315 7' 7 1/8"	30 480 67 200	2 250 4 960	28 230 62 240	32 1130

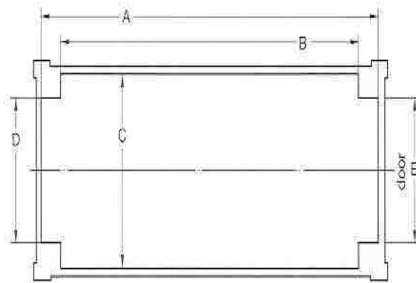
# Roof and Door Openings of Open Top Containers

20'

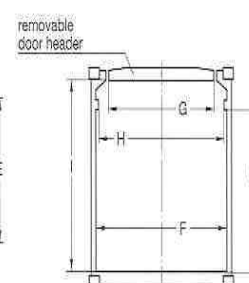
Types:



Roof Openings:



Door Openings:



## Roof Openings

Type	Length		Width		
	A Max. Length	B Between Gusset Plates	C Max. Width	D Front End between Gusset plates	E Door End between Gusset Plates
	mm ft	mm ft	mm ft	mm ft	mm ft

## Door Openings

Width			Height	
F Max. Width	G At Door Header	H Between Top Longitudinal Rails	I Up to Door Header	K Up to Top Longitudinal Rails
mm ft	Mm Ft	Mm Ft	mm ft	Mm Ft

Z	5583 18' 3 3/4"	5488 18"	2230 7' 3 3/4"	1928 6' 3 7/8"	-
Z	5660 18' 6 7/8"	5440 17' 10 1/8"	2208 7' 2 7/8"	1860 6' 1 1/4"	-
Z	5770 18' 11 1/8"	5452 17' 10 5/8"	2232 7' 3 7/8"	-	1904 6' 3"
Z	5415 17' 9 1/8"	5360 17' 7"	2205 7' 2 3/4"	-	1880 6' 2"

2335 7' 8"	1928 6' 3 7/8"	2230 7' 3 3/4"	2291 7' 6 1/4"	2194 7' 2 3/8"
2335 7' 8"	1848 6' 3/4"	2208 7' 2 7/8"	2290 7' 6 1/8"	1889 6' 2 3/8"
2305 7' 6 3/4"	1834 6' 1/8"	2232 7' 3 7/8"	2218 7' 3 1/4"	2033 6' 8"
2335 7' 8"	1880 6' 2"	2205 7' 2 3/4"	2280 7' 5 3/4"	2125 6' 11 5/8"

### 1.9 Open top container 40'

- Especially for overheight cargo, loading from top side, e.g. by crane or loading from door side, e.g. with cargo hanging from overhead tackle.
- Door header can be swung out on all open top containers.
- If required, disposable tarpaulins can be provide. For fastening tarpaulins, lashing bars are available on the outside of the walls. Using one way tarpaulins requires the corner castings to be accessible.
- The capacity of the floor for use of fork-lift trucks exceeds the ISO standard by 33% on all 40' open top containers.
- Numerous lashing devices on the top and bottom longitudinal rails and the corner posts. Lashing devices have a permissible load of 1.000 kg (2.205 lbs.) each.
- Note permissible weight limits for road and rail transport.

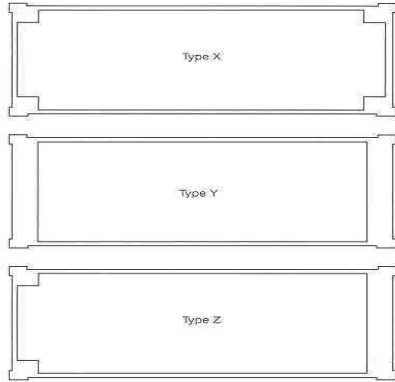


Construction	Inside Dimensions				Weights			Capacity
	Length	Width	Height		Max Gross	Tare	Max Payload	m3 cu.ft
	Mm Ft	mm ft	Middle mm ft	Side Mm Ft	Kg lbs.	Kg lbs.	kg lbs.	
<b>8' 6" high</b>								
Steel container With corrugated Walls and Wooden floor	12 023 39' 5 3/8"	2 335 7' 8"	2 378 7' 9 5/8"	2 318 7' 7 1/4"	30 480 67 200	3 800 8 380	26 680 58 820	66,7 2 354
	12 038 39' 5 7/8"	2 338 7' 8"	2 363 7' 9"	2 313 7' 7 1/8"	30 480 67 200	3 650 8 050	26 830 59 150	66,7 2 354
	12 025 39' 5 1/2"	2 330 7' 7 3/4"	2 360 7' 8 7/8"	2 325 7' 7 1/2"	30 480 67 200	3 890 8 580	26 590 58 620	66 2 330
	12 038 39' 5 7/8"	2 336 7' 8"	2 370 7' 9 1/2"	2 320 7' 7 1/4"	30 480 67 197	3 700 8 157	26 780 59 040	65,3 2 306
	12 029 39' 5 1/4"	2 342 7' 8 1/8"	2 376 7' 9 1/2"	2 326 7' 7 1/2"	30 480 67 200	3 810 8 400	26 670 58 800	65,5 2 310
	12 022 39' 5 1/4"	2 346 7' 8 3/8"	2 365 7' 9 1/8"	2 315 7' 7 1/8"	30 480 67 200	3 740 8 250	26 740 58 950	65,3 2 306
	12 007 39' 4 3/4"	2 315 7' 7 1/8"	2 362 7' 9"	2 317 7' 7 1/4"	30 480 67 200	3 950 8 710	26 530 58 490	65 2 295
	12 005 39' 4 5/8"	2 330 7' 7 3/4"	2 380 7' 9 5/8"	2 340 7' 8 1/8"	30 480 67 200	4 350 9 590	26 130 57 610	65,5 2 315

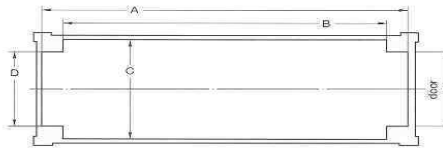
# Roof and Door Openings of Open Top Containers

40'

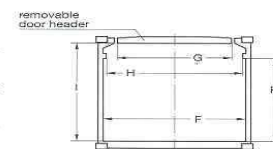
Types:



Roof Openings:



Door Openings:



## Roof Openings

Type	Length		Width		
	A Max. Length	B Between Gusset Plates	C Max. Width	D Front End between Gusset plates	E Door End between Gusset Plates
	mm ft	mm ft	mm ft	mm ft	mm ft

## Door Openings

Width			Height	
F Max. Width	G At Door Header	H Between Top Longi- tudinal Rails	I Up to Door Header	K Up to Top Longi- tudinal Rail
mm ft	mm ft	mm ft	mm ft	Mm Ft

Z	11 800 38' 8 5/8"	11 317 37' 1 1/2"	2 205 7' 2 3/4"	1 728 5' 8"	—
Z	11 787 38' 8"	11 563 37' 11 1/4"	2 208 7' 2 7/8"	1 850 6' 7/8"	—
X	11 917 39' 1 1/8"	10 837 35' 6 5/8"	2 128 6' 11 3/4"	1 600 5' 3"	1 816 5' 11 1/2"
Y	—	11 550 37' 10 5/8"	2 220 7' 3 3/8"	—	—
Z	11 544 37' 10 1/2"	11 444 37' 6 1/2"	2 230 7' 3 3/4"	—	1 885 6' 2 1/8"
Z	11 550 37' 10 3/4"	11 515 37' 9 3/8"	2 205 7' 2 3/4"	—	1 880 6' 2"
Y	—	11 379 37' 4"	2 205 7' 2 3/4"	—	—
X	11 825 38' 9 1/2"	11 496 37' 8 5/8"	2 100 6' 10 5/8"	1 774 5' 9 7/8"	1 774 5' 9 7/8"

2 335 7' 8"	1 840 6' 1/2"	2 205 7' 2 3/4"	2 287 7' 6"	1 889 6' 2 3/8"
2 335 7' 8"	1 844 6' 5/8"	2 208 7' 2 7/8"	2 287 7' 6"	1 896 6' 2 5/8"
2 330 7' 7 3/4"	1 816 5' 11 1/2"	2 128 6' 11 7/8"	2 201 7' 2 5/8"	1 957 6' 5"
2 336 7' 8"	1 845 6' 5/8"	2 220 7' 3 3/8"	2 292 7' 6 1/4"	2 125 6' 11 5/8"
2 336 7' 8"	1 885 6' 2 1/8"	2 230 7' 3 3/4"	2 280 7' 5 3/4"	2 146 7' 1/2"
2 335 7' 8"	1 880 6' 2"	2 205 7' 2 3/4"	2 280 7' 5 3/4"	2 125 6' 11 5/8"
2 315 7' 7 1/8"	1 855 6' 1"	2 205 7' 2 3/4"	2 266 7' 5 1/4"	1 957 6' 5"
2 335 7' 8"	1 750 5' 8 7/8"	2 100 6' 10 5/8"	2 180 7' 1 3/4"	2 180 7' 1 3/4"

## 1.10 Half height open top container 20'

Especially for:- Overheight cargo,

- Loading from above, e.g. by crane
- Loading from door side, e.g. with cargo hanging from overhead tackle.




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### Weights:

Max. gross weight	20.320 kg
Tare	2.135 kg
Max. payload	18.185 kg

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### Measures (in mm.)

	Overall	Inside	Openings	mm	ft	in	
Length	6058	5910	<b>Drop end door</b>	<b>height</b>	unlimited		
Width	2438	2230		<b>width</b>	1910	6	3 5/16
Height	1295	1060	<b>Maximum access width between drop end door stop plates</b>				
			<b>Length(between headers)</b>			5500	18 6 1/16
			<b>Width(between topside rails)</b>			2222	7 3 1/16

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**Cubic capacity:** 14 m<sup>3</sup>

## 1.11. Flat container 20'

- Especially for heavy loads and over-width cargo
- Strong bottom construction with fixed endwalls (which allow bracing and lashing of cargo as well as stacking);
- Fork-lift pockets on a number of 20' flats.
- Numerous very strong lashing devices on the corner posts, longitudinal rails and on the floor. Lashing devices on the longitudinal rails of 20' containers have a permissible load of 2.000 kg or 4.000 kg respectively (4.410 lbs. or 8.820 lbs. respectively) each.
- Maximum payload can only be used if distributed over the total floor area of flat-rack.
- Note permissible weight limits for road and rail transport.



Construction	Inside Dimensions						Weights		
	length of floor	length between corner posts	Width of floor	Width between Stanchions	Height	Height of Bottom	Max. Gross	Tare	Max. payload
	mm ft	mm ft	mm ft	mm ft	Mm Ft	mm ft	Kg Lbs.	kg lbs.	kg lbs.
<b>8' high</b>									
Steelframe with Fixed endwalls and Softwood floor	5 918 19' 5"	5 625 18' 5 3/8"	2 398 7' 10 3/8"	2 208 7' 2 7/8"	2 172 7' 1 1/2"	265 10 1/2"	24 000 52 910	2 800 6 170	21 200 46 740
<b>8' 6" high</b>									
Steelframe with Fixed endwalls and Softwood floor	5 902 19' 4 3/8"	5 700 18' 8 3/8"	2 358 7' 8 7/8"	2 235 7' 4"	2 276 7' 5 5/8"	315 1' 3/8"	24 000 52 910	2 720 6 000	21 280 46 910
	5 980 19' 7 3/8"	5 698 18' 8 3/8"	2 230 7' 3 3/4"	2 245 7' 4 3/8"	2 255 7' 4 3/4"	336 1' 1 1/4"	24 000 52 910	2 500 5 510	21 500 47 400
	5 962 19' 6 3/4"	5 672 18' 7 1/4"	2 242 7' 4 1/4"	2 242 7' 4 1/4"	2 261 7' 5"	330 1' 1"	30 000 66 140	2 200 4 850	27 800 61 290
Steel container with collapsible Endwalls And softwood floor	5 956 19' 6 1/2"	5 658 18' 6 3/4"	2 418 7' 11 1/8"	2 181 7' 1 7/8"	2 320 7' 7 3/8"	271 10 5/8"	33 050 72 860	3 045 6 710	30 005 66 150
	5 950 19' 6 1/4"	5 675 18' 7 3/8"	2 428 7' 11 5/8"	2 213 7' 3 1/8"	2 270 7' 5 3/8"	316 1' 3/8"	33 000 72 752	2 600 5 732	30 400 67 020

## 1.12. Flat container 40'

- Especially for heavy loads and over-width cargo
- Strong bottom construction with fixed endwalls (which allow bracing and lashing of cargo as well as stacking).
- Gooseneck tunnel on both ends of all 40' flats.
- Numerous very strong lashing devices on the corner posts, longitudinal rails and on the floor. Lashing devices on the longitudinal rails of 20' containers have a permissible load of 2.000 kg or 4.000 kg respectively (4.410 lbs. or 8.820 lbs. respectively) each.
- Maximum payload can only be used if distributed over the total floor area of flat-rack.
- Note permissible weight limits for road and rail transport.



Construction	Inside Dimensions						Weights		
	Length Of floor	length between corner posts	Width of floor	Width between Stanchions	Height	Height of Bottom	Max. Gross	Tare	Max. payload
	mm ft	mm ft	mm ft	mm ft	mm ft	Mm Ft	Kg Lbs.	kg lbs.	kg lbs.
<b>8' 6" high</b>									
Steelframe with Fixed endwalls and Softwood floor	12 008 39' 4 3/4"	11 712 38' 5 1/8"	2 318 7' 7 1/4"	2 232 7' 3 7/8"	1 981 6' 6"	610 2'	30 480 67 200	4 750 10 470	25 730 56 730
	11 900 39' 4"	11 722 38' 5 1/2"	2 400 7' 10 1/2"	2 202 7' 2 3/4"	1 981 6' 6"	610 2'	30 480 67 200	5 100 11 240	25 380 55 960
	11 990 39' 4"	11 758 38' 6 7/8"	2 338 7' 8"	2 228 7' 3 3/4"	1 981 6' 6"	610 2'	30 480 67 200	4 200 9 265	26 280 57 935
	12 010 39' 4 7/8"	11 832 38' 9 7/8"	2 228 7' 3 3/4"	2 228 7' 3 3/4"	1 981 6' 6"	610 2'	30 480 67 200	4 200 9 265	26 280 57 935
	12 086 39' 7 7/8"	11 826 38' 9 5/8"	2 224 7' 3 1/2"	2 224 7' 3 1/2"	1 981 6' 6"	610 2'	30 480 67 200	4 200 9 265	26 280 57 935
	12 010 39' 4 7/8"	11 826 38' 9 5/8"	2 224 7' 4 3/8"	2 204 7' 2 3/4"	1 981 6' 6"	610 2'	30 480 67 200	4 200 9 265	26 280 57 935
<b>9' 6" high</b>									
Steelframe with Collapsible endwalls And softwood floor	12 060 39' 6 3/4"	11 660 38' 31/8"	2 365 7' 91/8"	2 200 7' 25/8"	2 245 7' 43/8"	648 2' 11/2"	45 000 99 210	5 700 12 570	39 300 86 640

### 1.13. Platform container 20' / 40'

- Especially for heavy loads and over-sized cargo.
- Strong bottom construction.
- Gooseneck tunnel on both ends of all 40' platforms.
- Numerous very strong lashing devices on the longitudinal rails. Lashing devices have a permissible load of 3 000 kg (6 615 lbs.) each.



Construction	Dimensions			Weights		
	Length mm ft	Width mm ft	Height of Bottom mm ft	Max Gross kg lbs.	Tare kg lbs.	Max. Payload kg lbs.
<b>1' 11/4" high</b>						
Steelframe with Softwood floor	6 058 20'	2 438 8'	335 1' 1 1/4"	24 000 52 910	2 100 4 630	21 900 48 280

Construction	Dimensions			Weights		
	Length mm ft	Width mm ft	Height of Bottom mm ft	Max Gross kg lbs.	Tare kg lbs.	Max. Payload kg lbs.
<b>2' high</b>						
Steelframe with Softwood floor	12 192 40'	2 438 8'	610 2'	45 000 99 210	4 200 9 260	40 800 89 950

### 1.14. Super ventilated container 20'

- Especially for cargo, which needs ventilation.
- Natural ventilation is provided by openings in top and bottom longitudinal rails. The labyrinth construction of these ventilation openings ensures weather- proofness.
- Numerous lashing devices on the top and the bottom longitudinal rails and the corner posts. Lashing devices have a permissible load of 1 000 kg (2 205 lbs.) each.
- Note permissible weight limits for road and rail transport.



Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length	Width	Height	Width	Height	Max Gross	Tare	Max Payload	m3 cu.ft
	mm ft	mm ft	mm ft	mm ft	mm ft	kg lbs.	kg lbs.	kg lbs.	
<b>8' 6" high</b>									
Steel container With corrugated Walls and Wooden floor	5 888 19' 3 3/4"	2 346 7' 8 3/8"	2 392 7' 10 1/8"	2 334 7' 7 7/8"	2 290 7' 6 1/8"	30 480 67 200	2 400 5 290	28 080 61 910	33 1 167

## 1.15 Insulated container 20'

- Especially for cargo, which needs constant temperatures above or below freezing point.
- Walls in “sandwich-construction” with Polyurethane foam to provide maximum insulation.
- Temperature is controlled by ship’s/terminal’s cooling plant or “clip-on-unit”.
- The air, delivered at the correct temperature, is circulated in the container through two apertures in the front wall (supply air via the lower aperture, return air via the upper aperture).
- Possible temperatures inside the 20’ containers, depending on specification of respective cooling device from about + 12 °C to -25°C (+54 °F to -14°F).
- Please note maximum stowage height in below table and as indicated by red line inside container in order to ensure proper ventilation.
- Possible temperatures inside the 40’ containers, depending on specification of respective cooling device from about + 13 °C to -22°C (+57 °F to -8°F).
- Note permissible weight limits for road and rail transport.



Insulated Container

20'

Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length	Width	Max. Stowage Height	Width	Height	Max. Gross	Tare	Max Payload	m3 cu.ft
	mm ft	mm ft	Mm Ft	mm ft	kg lbs.	kg lbs.	Kg lbs.	kg lbs.	
8' high									
Steelframe. Walls: Outside plywood	5 652 18' 6 1/2"	2 235 7' 4"	2 000 6' 6 3/4"	2 235 7' 4"	2 083 6' 10"	20 320 44 800	2 500 5 510	17 820 39 290	26,35 930
Coated with GRP Inside GRP shell	5 652 18' 6 1/2"	2 235 7' 4"	2 000 6' 6 3/4"	2 235 7' 4"	2 083 6' 10"	24 000 52 910	2 450 5 400	21 550 47 510	26,3 930
Steelframe. Walls: Outside and inside GRP	5 652 18' 6 1/2"	2 235 7' 4"	2 000 6' 6 3/4"	2 218 7' 3 1/4"	2 083 6' 10"	20 320 44 800	2 633 5 800	17 687 39 000	26,3 930
Steelframe. Walls: Outside and inside Stainless steel.	5 724 18' 9 3/8"	2 286 7' 6"	2 014 6' 7 1/4"	2 286 7' 6"	2 067 6' 9 3/8"	24 000 52 910	2 550 5 620	21 450 47 290	26,4 933

## 1.16 Insulated container 40'

- Especially for cargo, which needs constant temperatures above or below freezing point.
- Walls in “sandwich-construction” with Polyurethane foam to provide maximum insulation.
- Temperature is controlled by ship’s/terminal’s cooling plant or “clip-on-unit”.
- The air, delivered at the correct temperature, is circulated in the container through two apertures in the front wall (supply air via the lower aperture, return air via the upper aperture).
- Possible temperatures inside the 20’ containers, depending on specification of respective cooling device from about + 12 °C to -25°C (+54 °F to -14°F).
- Please note maximum stowage height in below table and as indicated by red line inside container in order to ensure proper ventilation.
- Possible temperatures inside the 40’ containers, depending on specification of respective cooling device from about + 13 °C to -22°C (+57 °F to -8°F).
- **Note permissible weight limits for road and rail transport.**



Insulated Container

40'

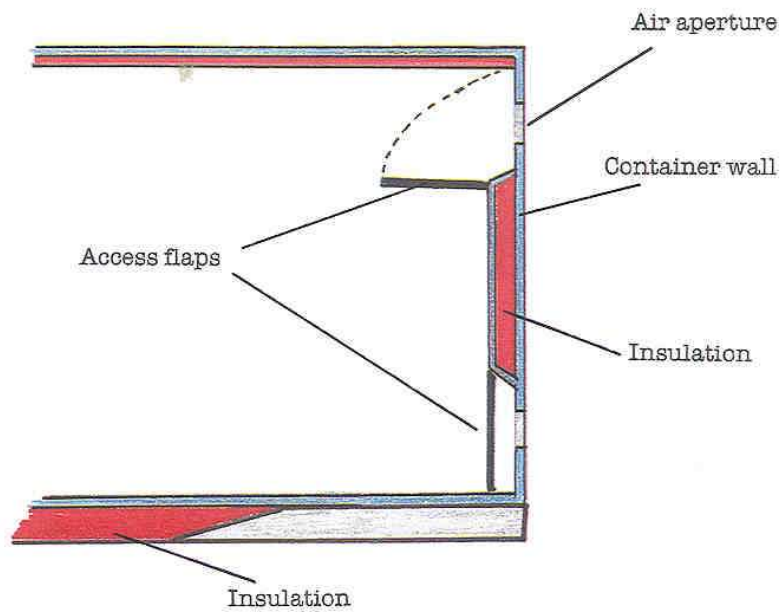
Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length	Width	Max. Stowage Height	Width	Height	Max. Gross	Tare	Max Payload	
	mm ft	mm ft	mm ft	mm ft	kg lbs.	kg lbs.	kg lbs.	kg lbs.	

### 8' 6" high

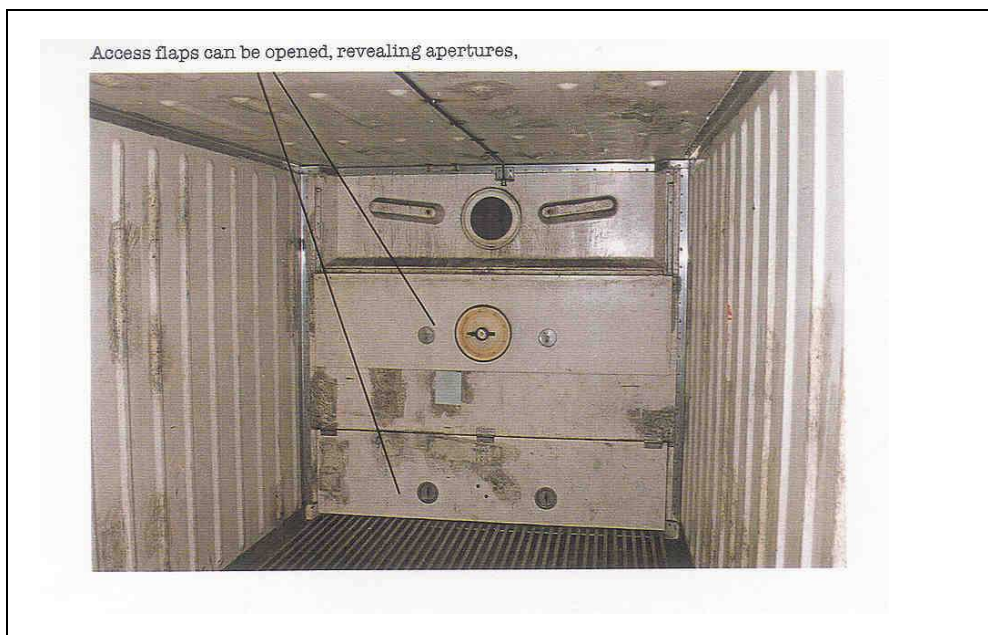
Steelframe. Walls Outside/inside: GRP Coated plywood/ Stainless steel and Aluminium/aluminium	11 750 38' 6 5/8"	2 250 7' 4 1/2"	2 080 6' 9 7/8"	2 250 7' 4 1/2"	2 180 7' 1 7/8"	30 480 67 200	4 650 10 250	25 830 56 950	58,4 2 060
	11 840 38' 10 1/8"	2 286 7' 6"	2 120 6' 11 1/2"	2 286 7' 6"	2 195 7' 2 3/8"	30 480 67 200	3 850 8 490	26 630 58 710	60,6 2 140
Steelframe. Walls Outside and inside Stainless steel	11 790	2 290	2 130	2 286	2 262	34 000	4 260	29 7400	61,3

### 1.17 Construction of insulated containers.

When the container is built, polyurethane foam is injected into the void spaces between the floor, walls and roof. The insulation then sets and bonds both the outer and inner linings, and also strengthens the container.



### INTERNAL VIEW OF AN INSULATED CONTAINER.



## 1.18 Refrigerated container 20'

- Especially for cargo which needs constant temperature above or below freezing point.
- Controlled fresh-air supply is possible.
- Walls in “sandwich-construction” with Polyurethane foam in order to provide maximum insulation.
- The reefer unit is a compact-design compressor unit with air-cooled condenser. It switches automatically from cooling to heating-operation (and vice-versa), if a change of the outside temperatures makes it necessary.
- Please note maximum stowage height in below table and as indicated by red line inside the container in order to ensure proper ventilation.
- Possible voltages: 380V/50 Hz to 460 V/60 Hz or 200 V/50 Hz to 220 V/60 Hz
- Permissible temperature setting: + 25°C to –25°C (+77°F to –13°F)
- The set temperatures can be kept as long the difference between the average outside temperature and cargo temperature does not exceed the following limits:
  - for heating 42°C (76°F)
  - for cooling 65°C (117°F)
- Note permissible weight limits for road and rail transport.



Construction	Inside Dimensions				Door Opening		Weights			Capacity
	Length	Width	Height	Max. Stowage Height	Width	Height	Max Gross	Tare	Max Payload	m3 cu.ft
	mm ft	mm ft	mm ft	mm ft	mm ft	Mm Ft	kg lbs.	Kg lbs.	kg lbs.	

### 8' 6" high

Steelframe. Walls; Outside plywood Coated with GRP Inside stainless steel	5 340 17' 6 1/4"	2 200 7' 2 5/8"	2 254 7' 4 3/4"	2 154 7' 3/4"	2 200 7' 2 5/8"	2 220 7' 3 3/8"	24 000 52 910	3 380 7 450	20 620 45 460	26,4 932
Steelframe. Walls: Outside and inside Stainless steel.	5 479 17' 11 5/8"	2 286 7' 6"	2 257 7' 4 7/8"	2 157 7' 7/8"	2 286 7' 6"	2 220 7' 3 3/8"	30 480 67 200	3 160 6 970	27 320 60 230	28," 1 000
	5 459 17' 10 7/8"	2 295 7' 6 1/8"	2 268 7' 6"	2 168 7' 1 3/8"	2 291 7' 6 1/8"	2 259 7' 4 7/8"	30 480 67 200	3 050 6 720	27 430 60 480	28,4 1 003
	5 448 17' 10 1/2"	2 290 7' 6 1/8"	2 264 7' 5 1/8"	2 164 7' 11/8"	2 286 7' 6"	2 260 7' 5"	30 480 67 200	3 060 6 750	27 420 60 450	28,3 1 000

### 1.19 Refrigerated container 40'

- Especially for cargo which needs constant temperature above or below freezing point.
- Controlled fresh-air supply is possible.
- Walls in “sandwich-construction” with Polyurethane foam in order to provide maximum insulation.
- The reefer unit is a compact-design compressor unit with air-cooled condenser. It switches automatically from cooling to heating-operation (and vice-versa), if a change the outside temperatures makes it necessary.
- Please note maximum stowage height in below table and as indicated by red line inside the container in order to ensure proper ventilation.
- Possible voltages:           380V/50 Hz to 460 V/60 Hz  
  200 Hz to 220 V/60 Hz
- Permissible temperature setting: + 25°C to -25°C (+77°F to -13°F)
- Diesel generators are installed on some 40' containers to provide a power supply.
- The set temperatures can be kept as long as the difference between the average outside temperature and cargo temperature does not exceed the following limits:
  - for heating 42°C (76°F)
  - for cooling 60°C (108°F)
- Note permissible weight limits for road and rail transport.



Construction	Inside Dimensions				Door Opening		Weights			Capacity
	Length	Width	Height	Max. Stowage Height	Width	Height	Max Gross	Tare	Max Payload	m3 cu.ft
	mm ft	mm ft	mm ft	Mm Ft	mm ft	mm ft	kg lbs.	kg lbs.	kg lbs.	

**8' 6" high**

Steelframe. Walls; Outside plywood	11 141	2 197	2 216	2 096	2 197	2 173	30 480	6 010	24 470	54,2
	36' 4 5/8"	7' 2 "	7'3 1/4"	6' 10 1/2"	7' 2 1/2"	7 1 1/2"	67 200	13 250	53 950	1 920
Coated with GRP Inside GRP shell	11 141	2 197	2 216	2 096	2 197	2 173	30 480	6 010	24 470	54,2
	36' 4 5/8"	7' 2 1/2"	7'3 1/4"	6' 10 1/2"	7' 2 1/2"	7 1 1/2"	67 200	13 250	53 950	1 920
Steelframe. Walls: Outside plywood	11 141	2 197	2 216	2 096	2 197	2 173	30 480	6 010	24 470	54,2
	36' 4 5/8"	7' 2 1/2"	7'3 1/4"	6' 10 1/2"	7' 2 1/2"	7 1 1/2"	67 200	13 250	53 950	1 920
Coated with GRP Inside stainless steel	11 140	2 226	2 221	2 101	2 226	2 173	30 480	6 010	24 470	55
	36' 4 5/8"	7' 3 5/8"	7' 3 3/8"	6' 10 5/8"	7' 3 5/8"	7 1 1/2"	67 200	13 250	53 950	1 945
Steelframe. Walls: Outside aluminium	11 170	2 286	2 235	2 115	2 286	2 200	30 480	5 200	25 280	57,3
	36' 8 5/8"	7' 6"	7' 4"	6' 11 1/4"	7' 6"	7' 2 5/8"	67 200	11 460	55 740	2 023
Inside stainless steel	11 192	2 286	2 240	2 120	2 286	2 195	30 480	5 200	25 280	57,3
	36' 8 5/8"	7' 6"	7' 5 1/4"	6' 11 1/2"	7' 6"	7' 2 3/8"	67 200	11 460	55 740	2 023
	11 572	2 286	2 254	2 134	2 286	2 207	30 480	4 400	26 080	59,64
	37' 11 5/8"	7' 6"	7' 4 3/4"	7'	7' 6"	7' 2 7/8"	67 200	9 700	57 500	2 106
Steelendframes, Rails Aluminium Walls: outside Aluminium, inside Stainless steel	11 558	2 286	2 188	2 068	2 286	2 161	30 480	4 140	26 340	57,8
	37' 11"	7' 6"	7' 1 7/8"	6' 9 3/8"	7' 6"	7' 1"	67 200	9 130	58 070	2 023

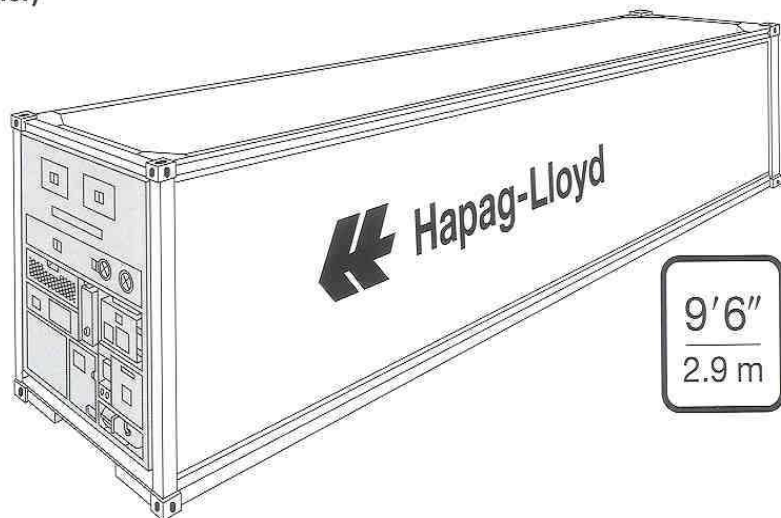
## 1.20 High cube refrigerated container 40'

- Particularly suitable for voluminous light-weight cargoes (e.g. fruit, flowers, ferns).
- Especially for cargo which needs constant temperature above or below freezing point.
- Controlled fresh-air supply is possible.
- Walls in “sandwich-construction” with Polyurethane foam in order to provide maximum insulation.
- The reefer unit is a compact-design compressor unit with air-cooled condenser. It switches automatically from cooling to heating-operation (and vice-versa), if a change of the outside temperatures makes it necessary.
- Possible voltages: 380 V/50 Hz to 460 V/60 Hz.
- Permissible temperature setting: +25°C to -25°C (+77°F to -13°F)
- The set temperature can be kept as long as the difference between the average outside temperature and cargo temperature does not exceed the following limits:
  - for heating 42°C (76°F)
  - for cooling 60°C (108°F)
- Note permissible weight limits for road and rail transport.

### High Cube Refrigerated Container

40'

(Temperature Controlled Container)



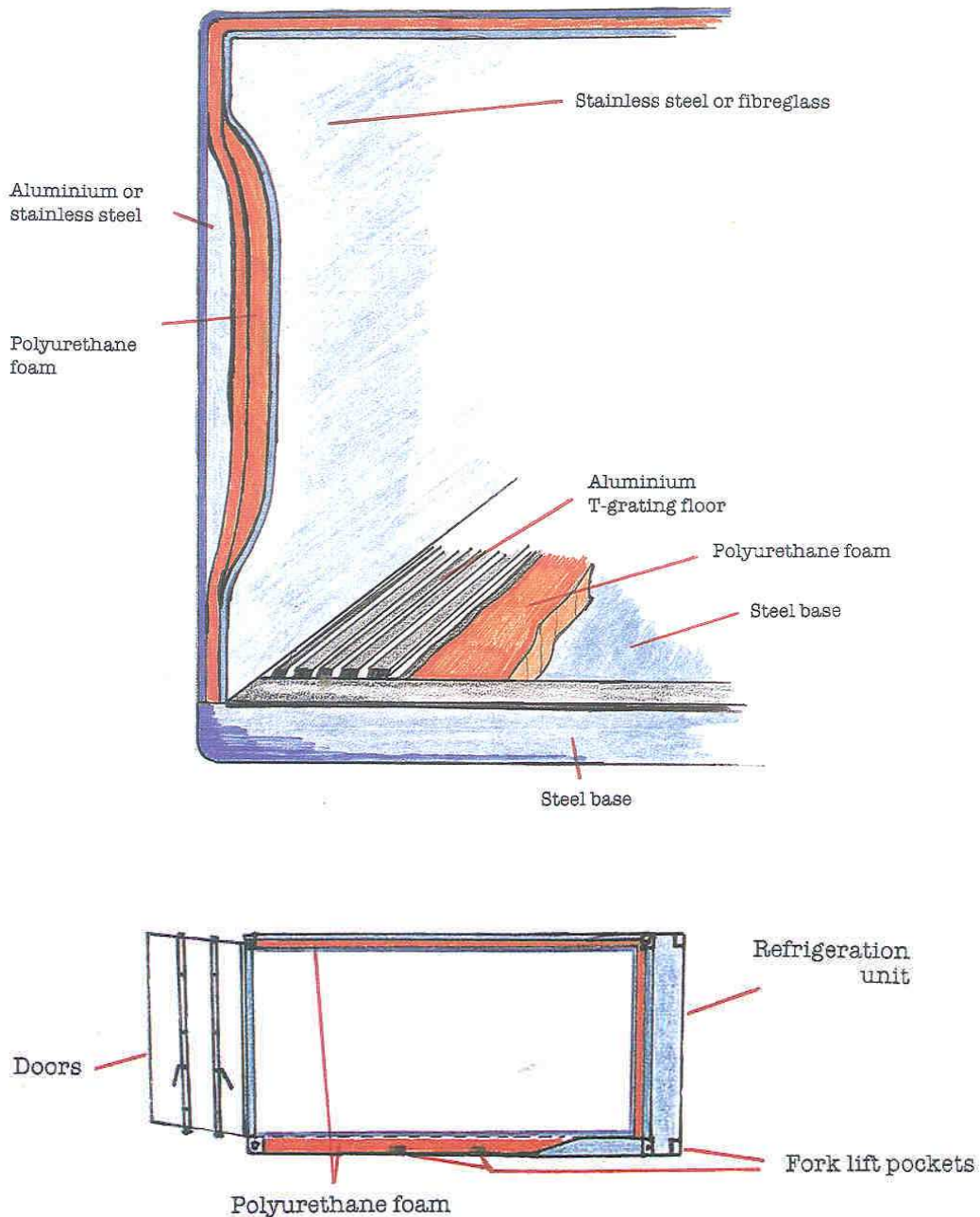
Construction	Inside Dimensions				Door Opening		Weights			Capacity
	Length	Width	Height	Max. Storage Height	Width	Height	Max Gross	Tare	Max Payload	m3 cu.ft
	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	kg lbs.	kg lbs.	kg lbs.	

**9' 6" high - without Diesel Generator Set**

Steelframes Rails: Aluminium Walls; Outside Aluminium Inside, Stainless steel	11 634 38' 2"	2 288 7' 6 1/8"	2 498 8' 2 3/8"	2 378 7' 9 5/8"	2 288 7' 6 1/8"	2 517 8' 3 1/8"	30 480 67 200	4 180 9 220	26 300 57 980	66,5 2 348
	11 568 37' 11 3/8"	2 290 7' 6 1/8"	2 509 8' 2 3/4"	2 389 7' 10"	2 290 7' 6 1/8"	2 473 8' 1 3/8"	32 480 71 600	4 240 9 350	28 240 62 250	66,4 2 345
	11 580 37' 11 1/8"	2 288 7' 6 1/8"	2 498 8' 2 3/8"	2 378 7' 9 5/8"	2 288 7' 6 1/8"	2 517 8' 3 1/8"	30 480 67 200	4 180 9 220	26 300 57 980	66,2 2 370
	11 580 37' 11 7/8"	2 290 7' 6 1/8"	2 513 8' 3"	2 393 7' 10 1/4"	2 290 7' 6 1/8"	2 522 8' 3 1/4"	30 480 67 200	4 180 9 220	26 300 57 980	67 2 370
	11 580 37' 11 7/8"	2 286 7' 6"	2 528 8' 3 1/2"	2 408 7' 10 3/4"	2 286 7' 6"	2 545 8' 4 1/8"	30 480 67 200	4 000 8 820	26 480 58 380	67 2 366
	11 580 37' 11 7/8"	2 286 7' 6"	2 515 8' 3"	2 395 7' 10 1/4"	2 286 7' 6"	2 535 8' 3 3/4"	30 480 67 200	4 150 9 150	26 330 58 050	67 2 366
	11 580 37' 11 7/8"	2 286 7' 6"	2 515 8' 3"	2 395 7' 10 1/4"	2 286 7' 6"	2 535 8' 3 3/4"	30 480 67 200	6 000 13 230	24 480 53 970	67 2 366
	11 583 38'	2 286 7' 6"	2 532 8' 3 5/8"	2 412 7' 11"	2 294 7' 6 1/4"	2 550 8' 4 3/8"	34 000 74 950	4 120 9 080	29 880 65 870	67 2 366
11 585 38'	2 290 7' 6 3/16"	2 525 8' 3 7/16"	2 405 7' 10 5/8"	2 290 7' 6 3/16"	2 490 8 21/16"	34 000 74 950	4 190 9 240	29 810 65 710	67 2 366	
Steelframe. Walls:	11 575 37' 11 5/8"	2 294 7' 6 1/4"	2 560 8' 4 3/4"	2 440 8'	2 286 7' 6"	2 570 8' 5 1/8"	32 500 71 650	4 300 9 480	28 200 62 170	68 2 400
Outside and inside Stainless steel	11 578 37' 11 3/4"	2 295 7' 6 3/8"	2 550 8' 4 3/8"	2 425 7' 11 1/2"	2 290 7' 6 1/8"	2 560 8' 4 3/4"	30 480 67 200	4 640 10 230	25 840 56 970	67,8 2 394

## 1.21 Construction of refrigerated containers

When the container is built, polyurethane foam is injected into the void spaces between the floor, walls and roof. The insulation then sets and bonds both the outer and inner linings, and also strengthens the container.



Any attempt to remove the walls or roof linings may show signs of damage.

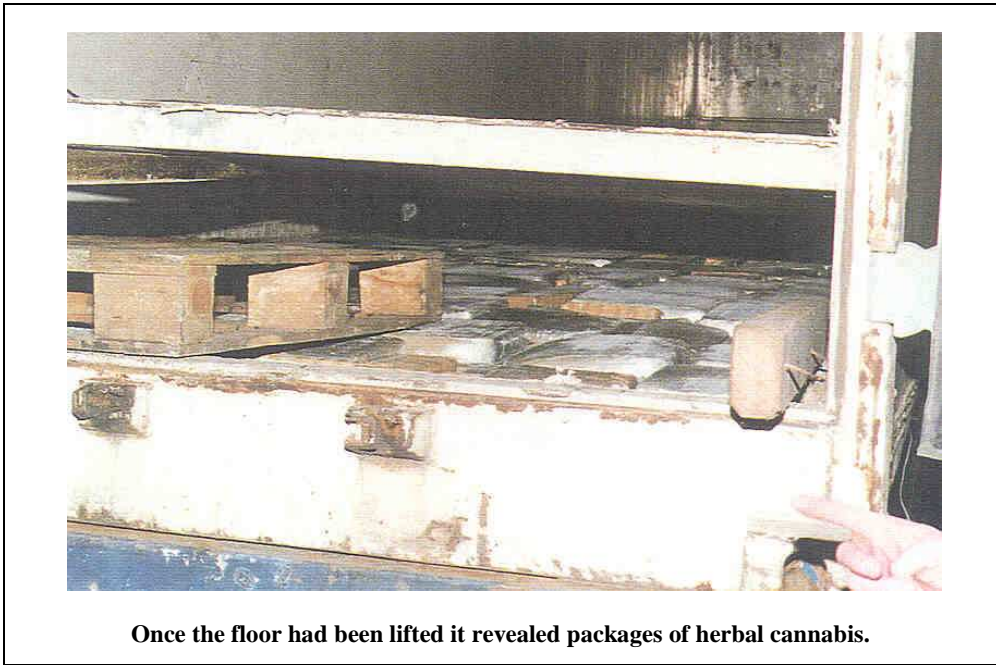
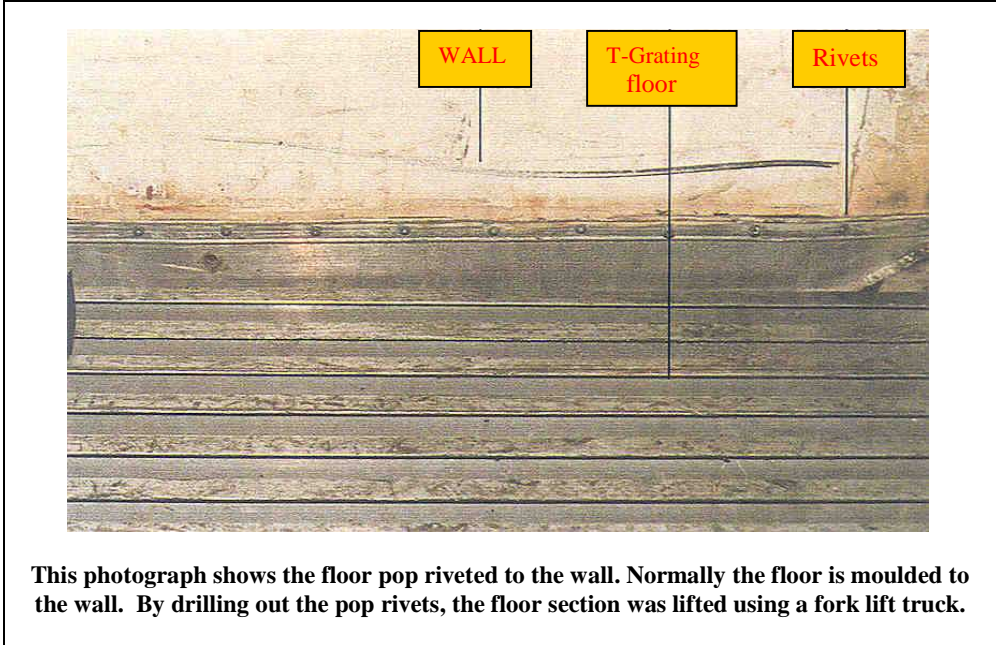
The floor of the containers can have the insulation removed without showing any signs of damage. (see photographs below)

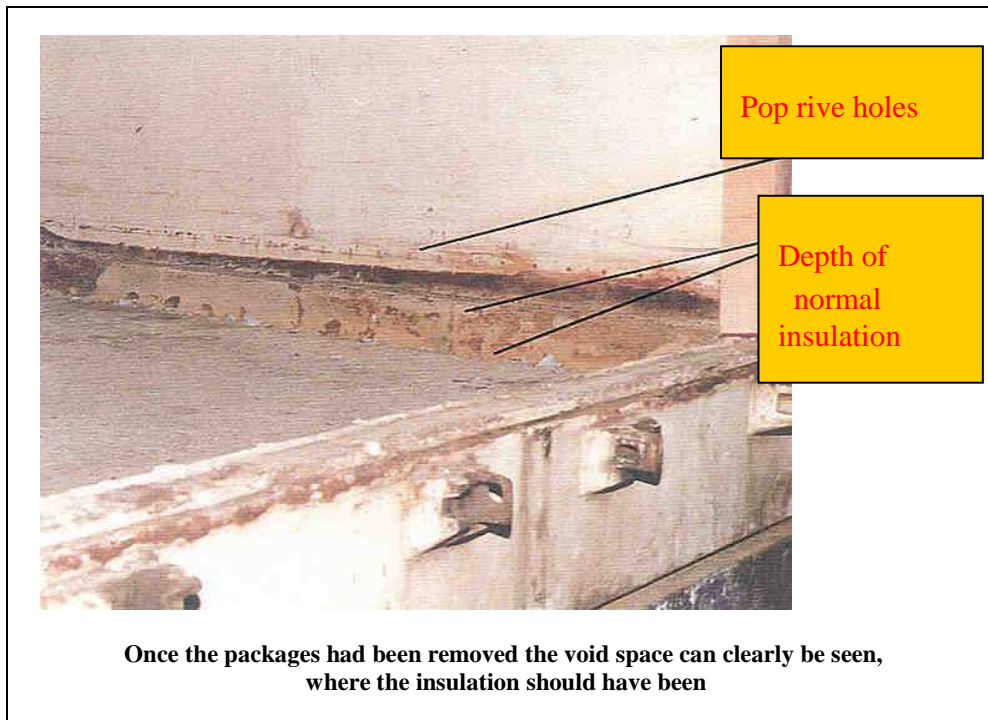


*Container doors open.*



*Entrance to container, T-grating floor screwed in place.*

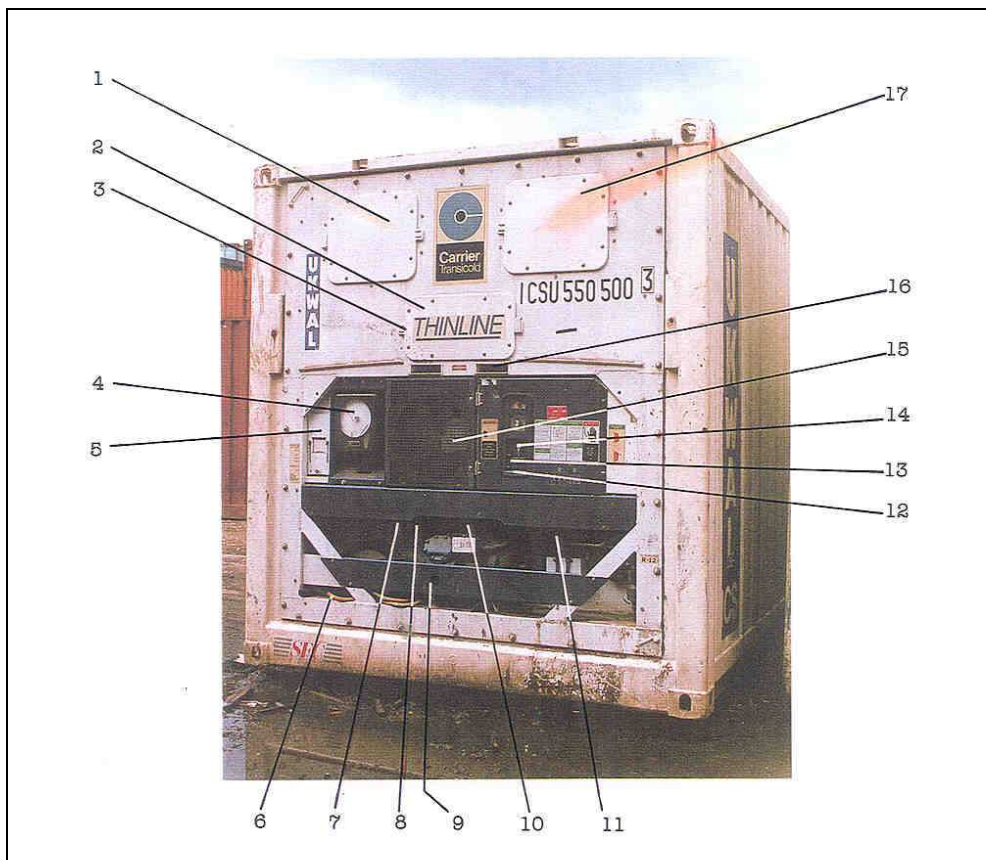




When full/empty containers are weighed and there is a possible overweight discrepancy, this can, for example, be caused by the floor insulation absorbing up to 500 kg in water, due to a crack or split in the walls or flooring.

However, this should not discourage close examination of such containers.

## EXTERNAL VIEW OF REFRIGERATION UNIT.



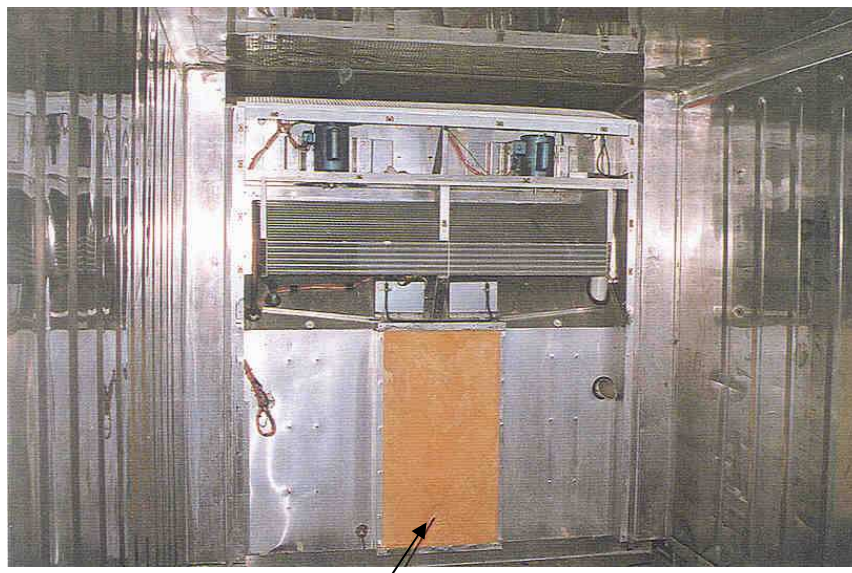
- |                                     |                                      |
|-------------------------------------|--------------------------------------|
| 1. Access Panel (Evap. Fan Motor#2) | 10. High Pressure Switch             |
| 2. Access Panel (Heater Location)   | 11. Compressor                       |
| 3. TIR Locking Devices              | 12. Manual Defrost Switch            |
| 4. Recording Thermometer            | 13. Start-Stop Switch                |
| 5. Make-Up Air Cover                | 14. Remote Monitoring Receptacle     |
| 6. Power Cables and Plug            | 15. Condenser Fan and Motor          |
| 7. Serial/Model No. Plate Location  | 16. Fork lift Pockets                |
| 8. Discharge Service Valve          | 17. Access Panel (Evap. Fan Motor#1) |
| 9. Compressor Sight Glass           |                                      |

## **REFRIGERATION UNIT INTERNAL VIEW.**

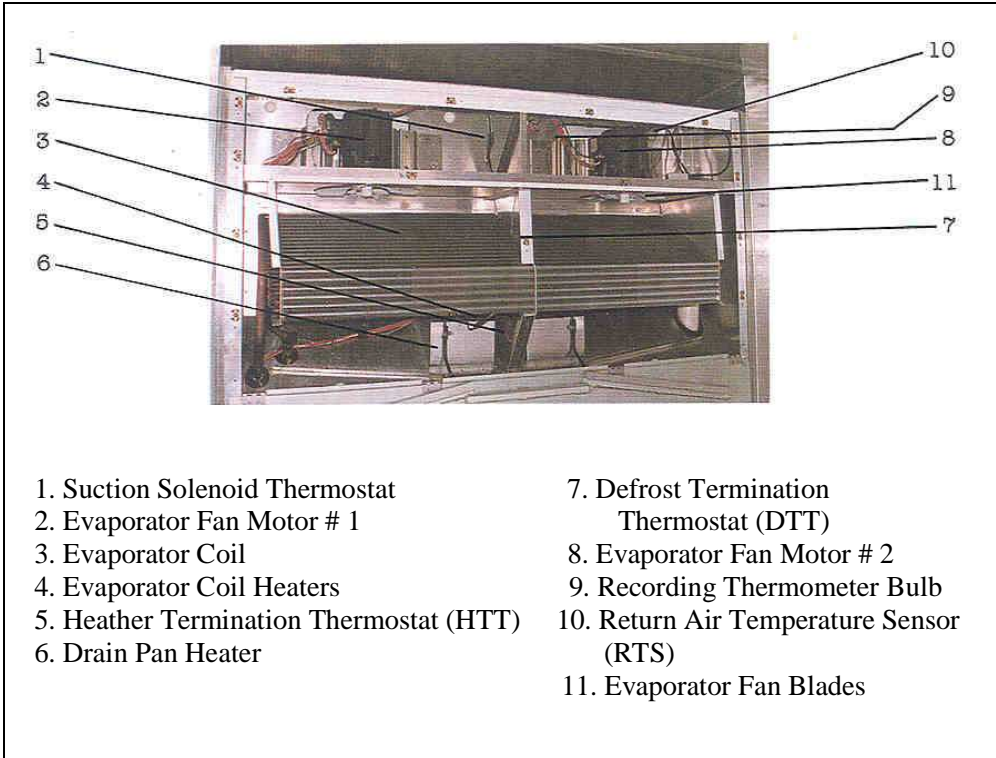


**Top panel can be unscrewed giving access to refrigeration unit.**

**This photograph shows both sets of panels removed.**

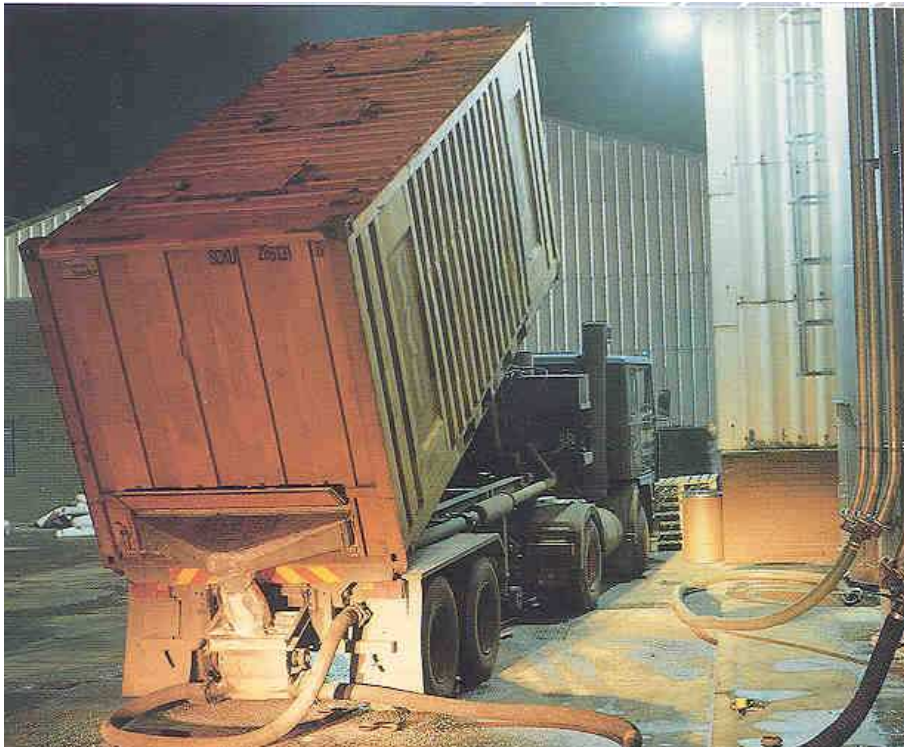


**Insulation should be checked for signs of removal or damage.**



## 1.22 Bulk container 20'

- Especially for dry bulk cargoes, e.g. malt
- Three manholes for top loading of each container.
- One discharge opening in each door wing. On demand short discharge tubes can be installed to move the cargo in desired directions.
- Fastening of linerbag possible.
- Fork-lift pockets on a number of the containers.
- Lashing devices on the top longitudinal rails.
- Note permissible weight limits for road and rail transport.



Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length	Width	Height	Width	Height	Max Gross	Tare	Max Payload	m3 cu.ft
	mm ft	mm ft	mm ft	mm ft	mm ft	kg lbs.	Kg Lbs.	kg lbs.	
<b>8' 6" high</b>									
Steelframe	5.934	2.358	2.340	2.335	2292	24 000	2 450	21 550	32,9
Walls:	19' 5 1/2"	7' 8 3/4"	7' 8 1/8"	7' 8"	7' 6 1/4"	52 910	5 400	47 510	1162
Plywood coated	5.931	2.358	2.326	2.335	2292	24 000	2 370	21 630	32,9
With GRP	19' 5 1/2"	7' 8 3/4"	7' 7 5/8"	7' 8"	7' 6 1/4"	52 910	5 220	47 690	1162

### 1.23. Tankcontainer 20'

- Separate tank fleets are available for:
  - CHEMICAL PRODUCTS, e.g.;
    - Flammables
    - Oxidising agents
    - Toxic substances
    - Corrosives  - FOODSTUFFS, e.g.;
    - Alcohols
    - Fruit juices
    - Edible oils
    - Food additives
- Tanks must be filled to not less than 80% of their capacity to avoid dangerous surge/swell during transport.
- Tanks must not be filled to 100% of their capacity. Sufficient ullage space shall be left which must be determined depending on the thermal expansion of the product to be carried.
- Certain dangerous products must be carried in tanks having no openings below the surface level of the liquid. Such tanks must be discharged through a syphon pipe by either pressure or pumping.
- National road/rail weight limitations have to be maintained when arranging land transports.
- For the cleaning of tanks and disposal of residues tariff rules apply. Tanks moving in a dedicated service are exempted from such rules until the dedication is terminated.



## Part two

# CODING, IDENTIFICATION AND MARKING OF CONTAINER



## 2.1 General

A container is a transportation equipment of value. It's life time may easily reach 15 years. In order to fulfil its role properly, a container must be in good condition. A container in poor condition is not necessarily being used for fraudulent purposes – it may be making its last journey. However, it may also have been purchased cheaply for use in a fraudulent operation.

Its use has made possible to rationalize transportation of goods with the result that their transfer from one means of transportation to another has been speeded up.

For this reason and also for others such as fraud prevention, interchange control and rating, the identification of a container is of utmost importance at any stage of the distribution chain.

As there are several means of identifying containers and in order to avoid confusion from the great variety of markings, the Bureau International des Containers has grouped the available data into a single document, the BIC-CODE.

## 2.2 Identification system

The identification system provides uniform international identification of containers, in documentation and in communication associated with the movement of containers from door to door. It consists of:

- **an owner code:**  
Four capital letters of the Latin alphabet to indicate the owner or principal operator of the container. The fourth letter shall be a “U”;
- **a serial number:**  
six Arabic numerals, left at owner's or operator's option;
- **a check digit:**  
one Arabic numeral providing a means of validating the recording and transmission accuracies of the owner code and serial number.

For example, a general purpose container having a unique registered owner code of ABZU and a serial number of 001234 will have the following layout (vertical or horizontal)

<b>ABZU</b> (Owners code)	<b>001234</b> (Serial number)	<b>3</b> (Check digit)
---------------------------------	-------------------------------------	------------------------------

**NO TWO CONTAINERS MAY BEAR THE SAME MARKINGS !!!!!**

The presence of several layers of film over a number, are factors which should arouse suspicion.

## 2.3. Determination of check digit

### a) Numeric equivalents of owner code and serial number.

Each letter of the owner code and each numeral of the serial number shall be consecutively allocated a numeric value in accordance with table 1.

**Table 1 – Equivalent values**

Owner code				Serial number
Letter	Equivalent Value	Letter	Equivalent Value	Numeral or equivalent value (1)
A	10	N	25	0
B	12	O	26	1
C	13	P	27	2
D	14	Q	28	3
E	15	R	29	4
F	16	S	30	5
G	17	T	31	6
H	18	U	32	7
I	19	V	34	8
J	20	W	35	9
K	21	X	36	
L	23	Y	37	
M	24	Z	38	

(1) The serial number and its equivalent value are identical.

NOTE – The equivalent values 11, 22 and 33 are omitted as they are multiples of the modulus (see C)

### b) Weighting factor.

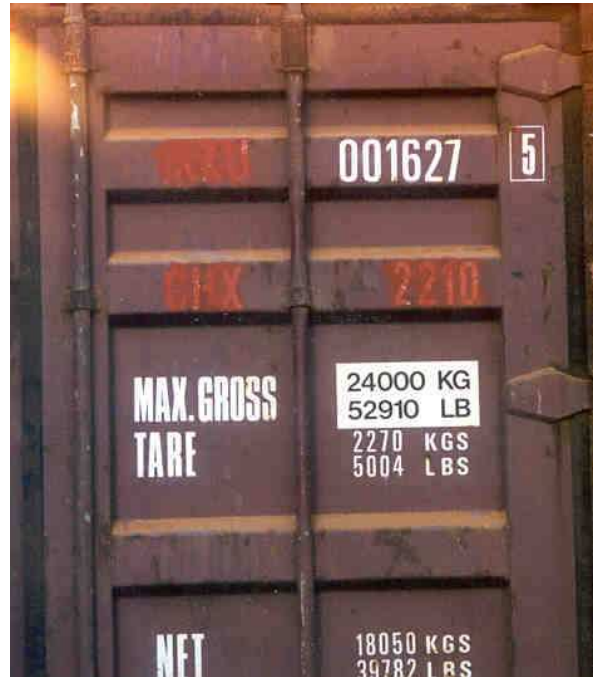
Each numeric equivalent, determined in accordance with a) shall be multiplied by a weighting factor in the range  $2^0$  to  $2^9$ . The weighting factor  $2^0$  is applied to the first letter of the owner code, and then in increasing powers of 2 rising to  $2^9$  for the last digit of the serial number.

### c) Modulus.

The sum of the products obtained according b) shall be divided by a modulus of value eleven.



## 2.4. Shippers - Own containers.



- Shippers own containers aren't registered in the system BIC-Code.
- They have normally no owner code and/or check digit, however sometimes the removal of the owner code is overlooked either by mistake or deliberately, so that the container looks like a normal registered container.
- Anyone can own these containers.
- Shippers own containers are ideal for illegal practices (smuggling), as the owner has complete control and time/opportunity to construct concealments.
- It normally is mentioned on the bill of loading that the container is a shippers own container.

### **Important to know:**

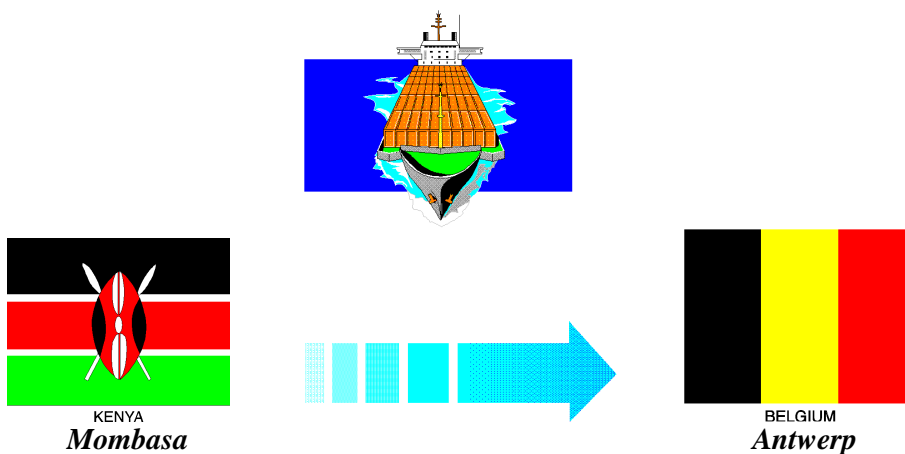
**None line owned containers can be declared as "shippers owned" on the bill of loading, although these are not the shippers owned containers we are referring to. (e.g. those belonging to large companies)**

### **EXAMPLE**

**6.500 KG's cannabis resin**

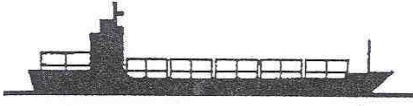
**Containers TEXU 364011-9 & EXU 364011-9**  
**417 bags Nambaale beans 37.947 KGs**  
**FCL - FCL**

*ex m/v BARRISTER (flag: Liberian)*



**Containers were checked by risk analysis of the cargo manifest.**  
**Both containers were shippers-own containers.**  
**In container TEXU 364011-9 bags with cannabis resin were found behind the bags containing beans. Container EXU 364011-9 was negative.**

\* Combined transport (subject clauses 6 & 7)

Shipper <b>EAST AFRICA PRODUCE MARKETEERS</b>		B/L No. UHAN-601 Reference <b>1114c</b>	
Consignee <b>JS-HANDELSAGENTUR, JOACHIM SAUERJAPPE WESELERSTR 6 40239 DUSSELDORF, GERMANY ID-Nr: DE 157196950</b>		 <b>W.E.C. LINES N.V.</b> WEST EUROPEAN CONTAINER LINES Managing agents: WEC Nederland B.V., A. Plesmanweg 59, 3088 GB Rotterdam P. O. Box 59230, 3006 PE Rotterdam Tel: 010 - 481 33 50, Fax: 010 - 429 89 30, Telex 62174 wecl nl Agents at Port of Discharge: <b>DE REYSER THORNTON N.V. HUIDEVETTERSSTRAAT 38 2000 ANTWERP</b>	
Notify Party <b>AS ABOVE</b>			
Pre-Carriage by	Place of Receipt <b>UGANDA</b>	216	
Ocean Vessel <b>BARRISTER 95/243</b>	Port of Loading <b>MOMBASA</b>		
Port of Discharge <b>ANTWERP</b>	Place of Delivery** <b>111111</b>	Freight Payable at <b>PREPAID</b>	Number of Original B/L <b>THREE (3)</b>
Mark and Number Container nos. & seal nos.	Number and kind Of packages	Description of goods	Gross weight in kilos
EXUS64011-9 90 20' 8561S TEXUS64011-9 90 20' 8562S	1x20' D/V Container and 1x20' D/V Container	said to contain 417 BAGS NAMBALLE BEANS	37947,00
FREIGHT PREPAID SHIPPER'S LOAD, STOW AND COUNT SHIPPED ON BOARD			
PARTICULARS AS DECLARED BY SHIPPER			
FREIGHT AND CHARGES		Mode of transport: FCL / FCL <input type="checkbox"/> FCL / LCL <input type="checkbox"/> LCL / FCL <input type="checkbox"/> FCL / LCL <input type="checkbox"/> LCL / LCL <input type="checkbox"/>	Received by the Carrier the Goods as specified above in apparent good order and condition unless otherwise stated, to be transported to such place as agreed, authorized or permitted herein and subject to all the terms and conditions appearing on the front and reverse of this Bill of Lading to which the Merchant agrees by accepting this Bill of Lading any local privilege customs notwithstanding. The particulars given above as stated by the shipper and the weight, measure, bulk condition, contents and value of the Goods are unknown to the Carrier. In witness whereof one (1) original Bill of Lading has been signed if not otherwise stated above, the same being accomplished the other(s), if any, to be void. If required by the C one (1) original Bill of Lading must be surrendered duly endorsed in exchange for the Goods delivery order. Place and date of issue: <b>MOMBASA 20 DEC 1995</b> Signed on behalf of the Carrier: <b>SPANFREIGHT SHIPPING LTD</b> By: _____ (as agents only) <b>For WEC LINES</b>
Total no. of Packages <b>TWO Containers ONLY</b>		DEMURRAGE Upon expiration of free utilization period of container(s) demurrage is to be paid by the merchant prior to release of cargo. Free utilization period and demurrage rate according to carriers tariff is available upon request.	
Declared value (cf. 6.4 C)			

**copy of the bill of loading.**  
**Noticed that it wasn't mentioned that both containers were shippers own containers.**



*photo 1: view of numbering for the first container.*



*photo 2: view of numbering for the second container.*



*photo 3: external view of container EXU 346011-9.*



*photo 4: view of container TEXU 346011-9 one door open.*



*photo 5: view of container EXU 346011-9 with one door open.*



*photo 6: internal view of container TEXU 346011-9.*



*photo 7: view of packages cannabis resin concealed among the beans.*

## 2.5. Country code.

The country code consists of two capital letters of the Latin alphabet. It indicates the country where the code is registered not the nationality of the owner or operator of the container.

From 1 January 1980 containers have been marked with the new two-letter code (FR for France instead of FXX). This code is optional (annex)

## 2.6. Size and type code (optional).

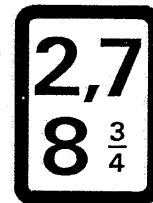
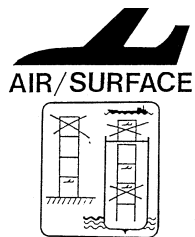
The size and type code consists of four Arabic numerals.

- The first indicates the container length;
- The second indicates the container height and the existence or absence of a tunnel goose neck;
- The third and fourth digits indicate container characteristics

## 2.7. Operational marks.

Operational marks are intended solely to convey information requested for the movement of containers or to give visual warnings. They relate to:

- the weight of containers
- an air-surface symbol
- an electrical danger symbol
- a height warning symbol



## 2.8. Customs Approval Plate.

The temporary admission facilities are granted only to containers approved by the competent authority of the country of manufacture. The purpose of the approval is to certify that the container is constructed and equipped in such a manner that:

- no goods can be removed from, or introduced into, its sealed part without leaving visible traces of tampering or without breaking the customs seal;
- it contains no concealed spaces where goods could be hidden;
- all spaces capable of holding goods are readily accessible for customs inspection;
- customs seals can be simply and effectively affixed to it.

The beneficiary of the approval shall affix the approval plate described hereafter to the approved container before its use for transport of goods under customs seal.

The plate shall be permanently affixed in a clearly visible place adjacent to any other approval plate issued for official purpose.



Minimum dimensions: 200 x 100 mm

**2.9. International Convention for Safe Containers plate(CSC Safety Approval).**

The International Convention for Safe Containers establishes criteria for the testing, inspection, approval, maintenance and control of containers. It is applicable to new and existing containers used in international transport, except to containers designed for air transport. The term “international transport” means transport between points of departure and destination situated in the territory of two countries to at least one which the CSC applies. The CSC also applies when part of a transport operation between two country’s takes places in the territory of a country to which the CSC applies.

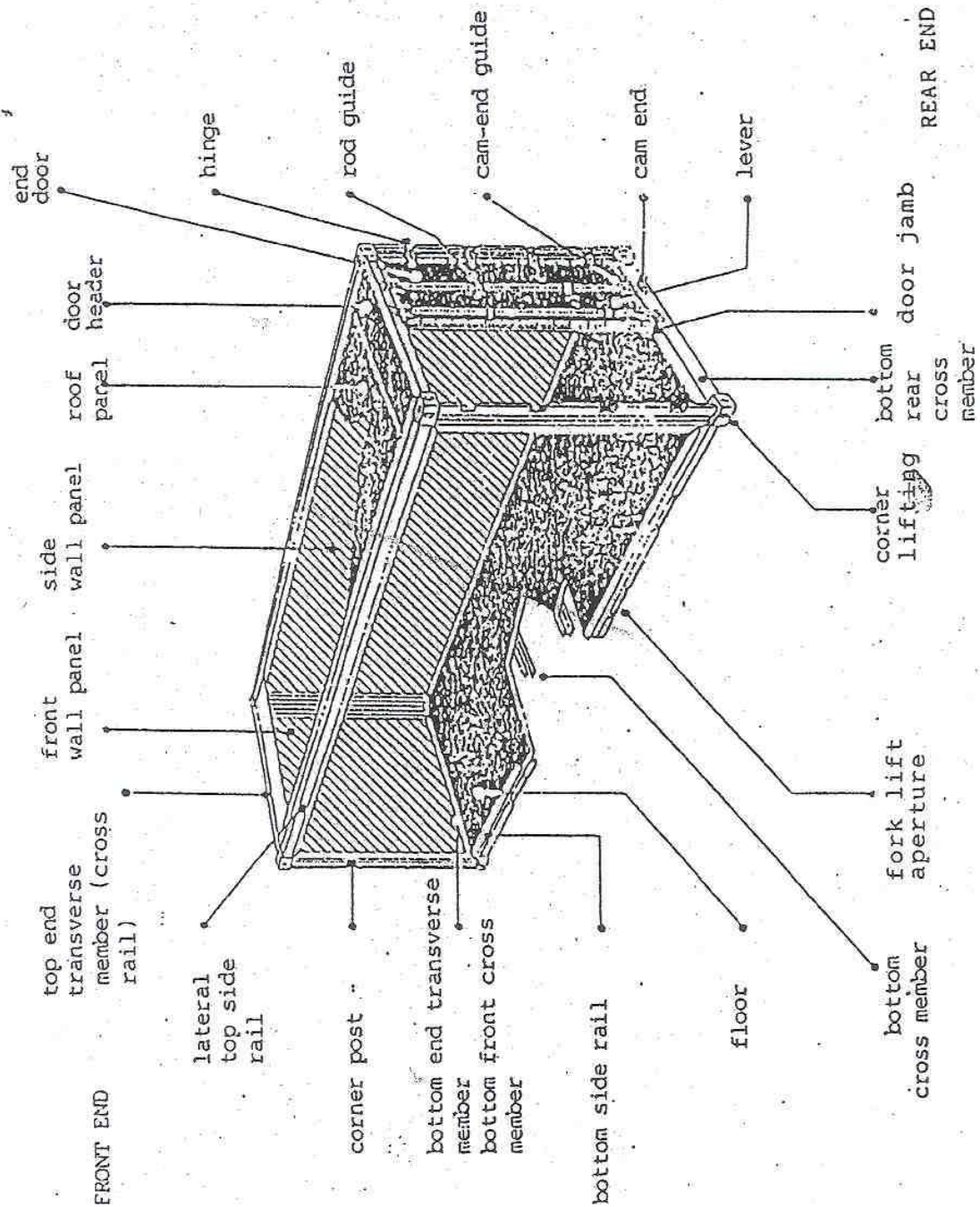
Application for approval shall be made to the administration of any contracting country by

- the manufacturer, for new containers;
- the owner, for existing containers.

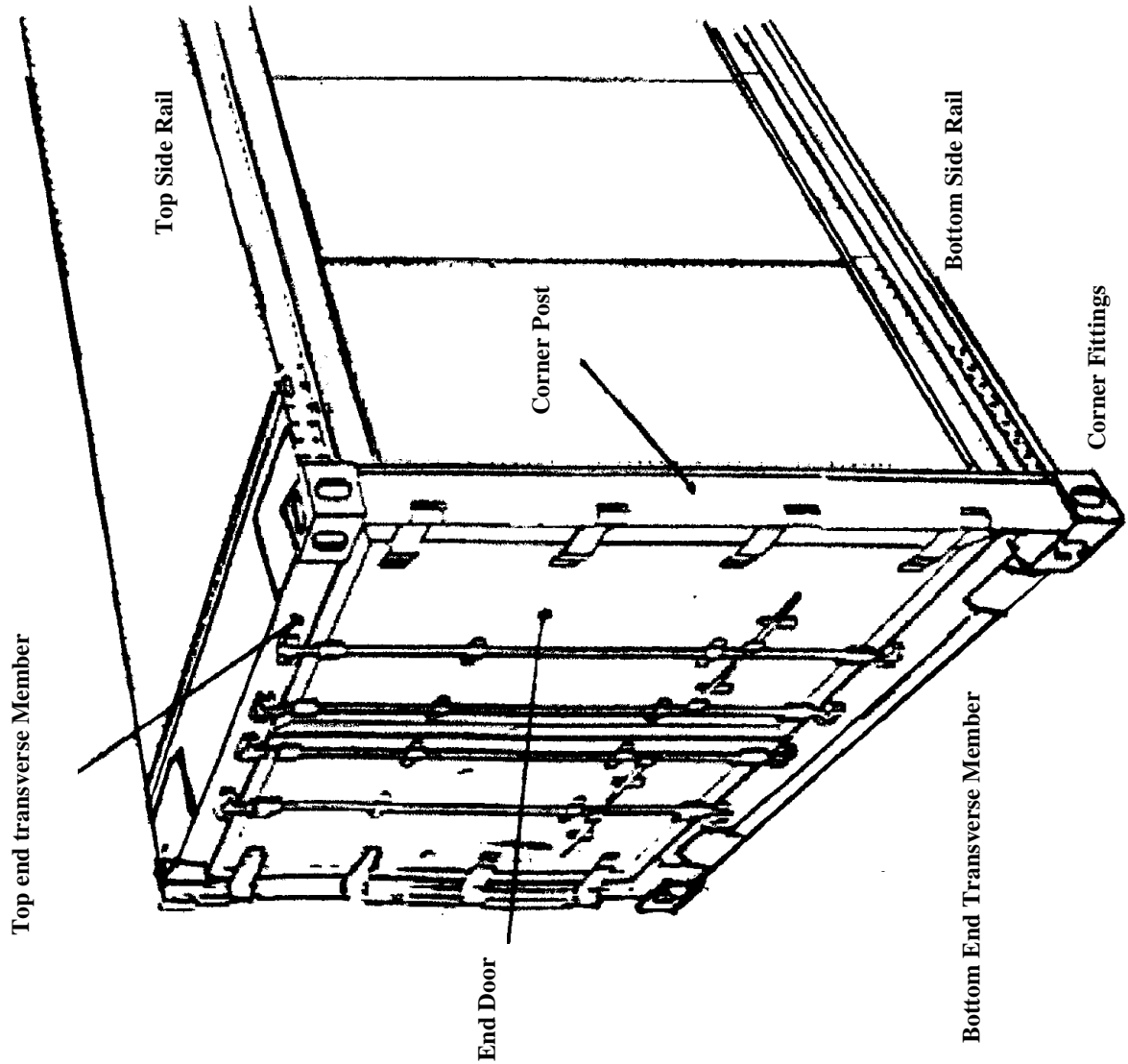
A safety approval plate, conforming to the model below, permanent, non-corrosive and fire proof shall be affixed to the container. The words “CSC SAFETY APPROVAL” shall be stamped into, embossed on or indicated on the surface of the plate in any other permanent and legible way.



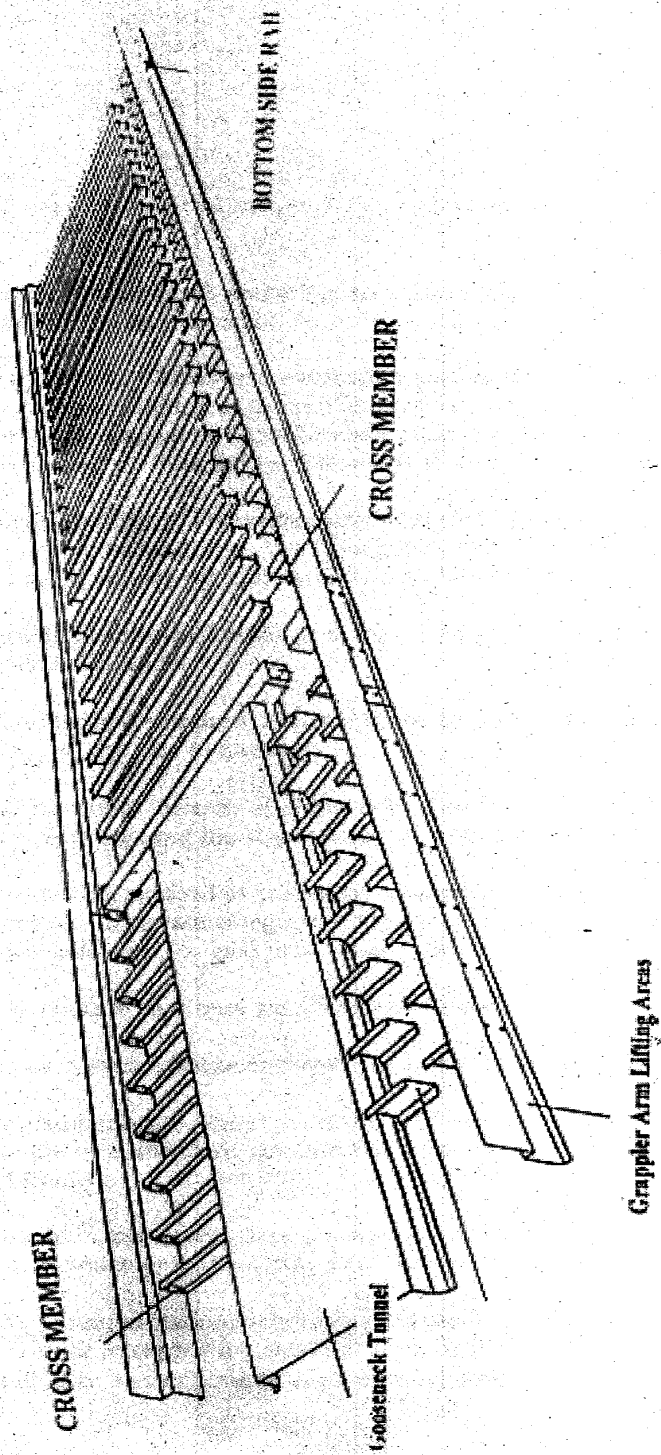
## 2.10. Technical terminology.



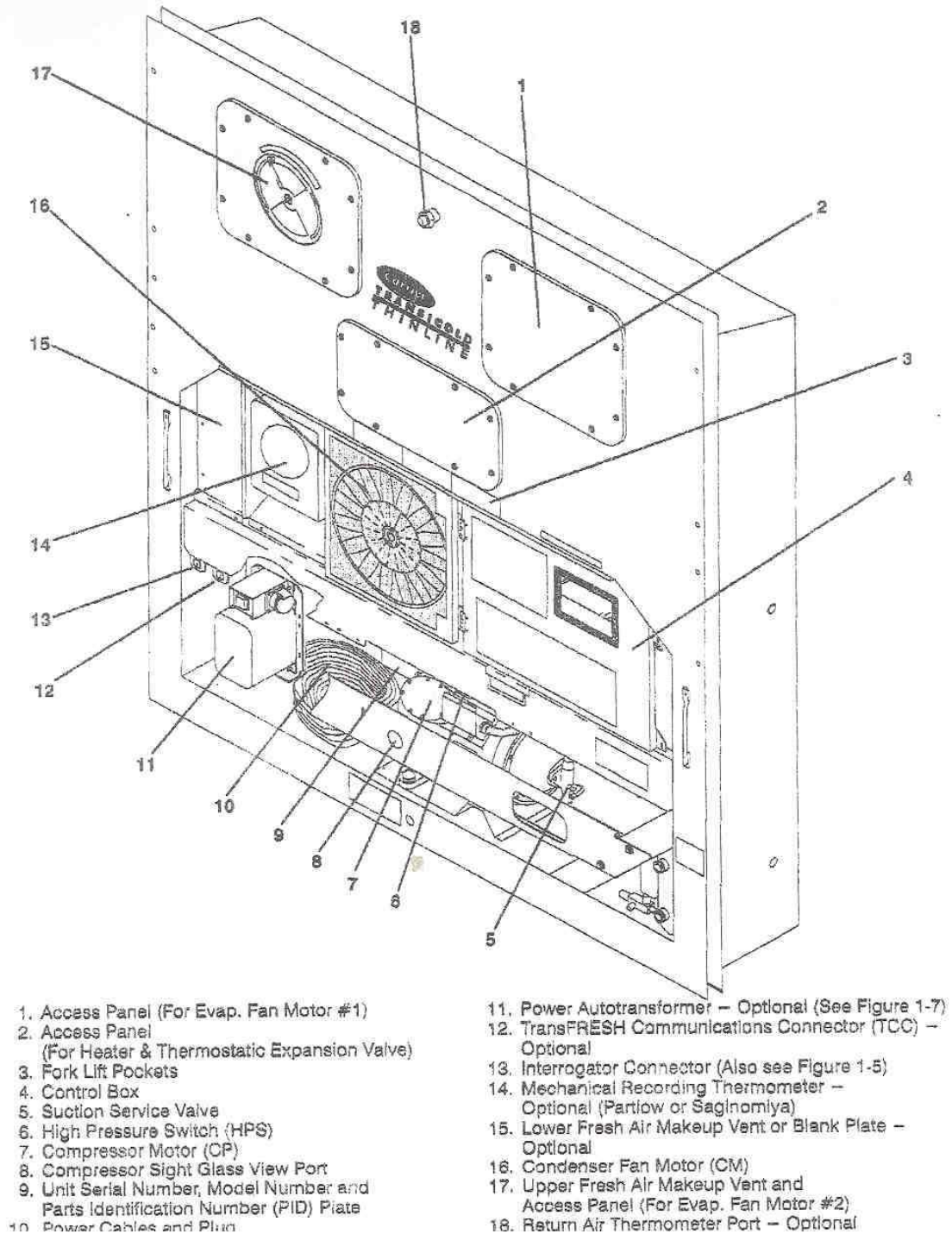
## REAR END OF A TYPICAL CONTAINER



**BASE STRUCTURE OF A TYPICAL CONTAINER**

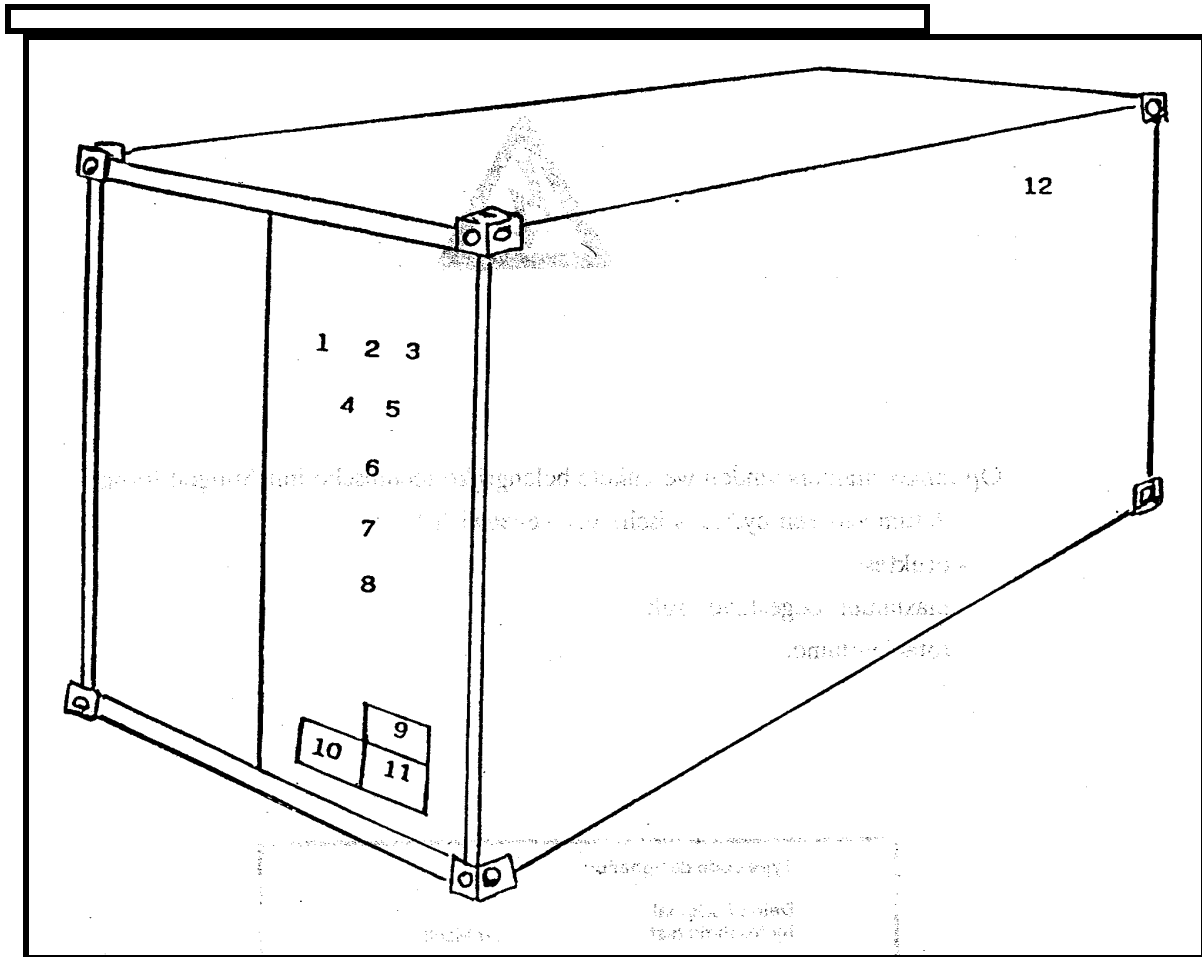


## EXTERNAL VIEW OF REFRIGERATION UNIT.



- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>1. Access Panel (For Evap. Fan Motor #1)</li> <li>2. Access Panel (For Heater &amp; Thermostatic Expansion Valve)</li> <li>3. Fork Lift Pockets</li> <li>4. Control Box</li> <li>5. Suction Service Valve</li> <li>6. High Pressure Switch (HPS)</li> <li>7. Compressor Motor (CP)</li> <li>8. Compressor Sight Glass View Port</li> <li>9. Unit Serial Number, Model Number and Parts Identification Number (PID) Plate</li> <li>10. Power Cables and Plug</li> </ul> | <ul style="list-style-type: none"> <li>11. Power Autotransformer - Optional (See Figure 1-7)</li> <li>12. TransFRESH Communications Connector (TCC) - Optional</li> <li>13. Interrogator Connector (Also see Figure 1-5)</li> <li>14. Mechanical Recording Thermometer - Optional (Partlow or Saginomiya)</li> <li>15. Lower Fresh Air Makeup Vent or Blank Plate - Optional</li> <li>16. Condenser Fan Motor (CM)</li> <li>17. Upper Fresh Air Makeup Vent and Access Panel (For Evap. Fan Motor #2)</li> <li>18. Return Air Thermometer Port - Optional</li> </ul> |
|---|--|

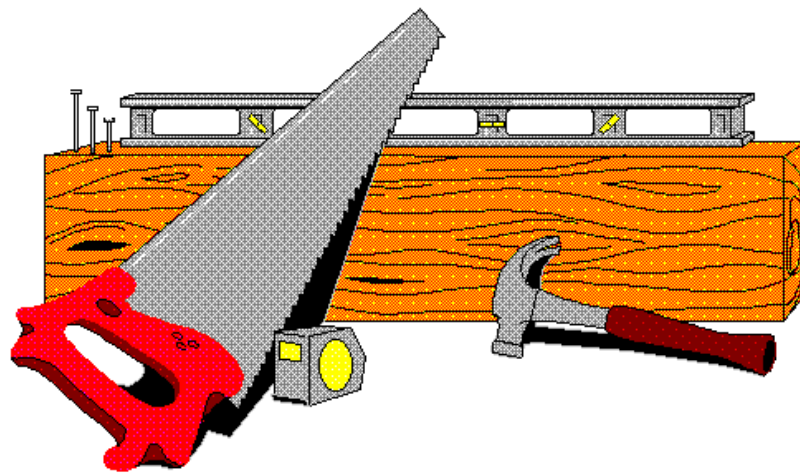
## 2.11. Places of the different marks & numbers on the container.



- 1) Owners code (4 Latin letters)
- 2) Serial number (6 numerals)
- 3) Check digit
- 4) Country code
- 5) Size code (2 numerals) and type code (2 numerals)
- 6) Maximum gross weight
- 7) Tara weight
- 8) Maximum useful load
- 9) CSC plate
- 10) Owners plate
- 11) Customs approval
- 12) Various approval plates

## Part 3

# APPROVED METHODS OF REPAIR



### 3.1. Corner posts

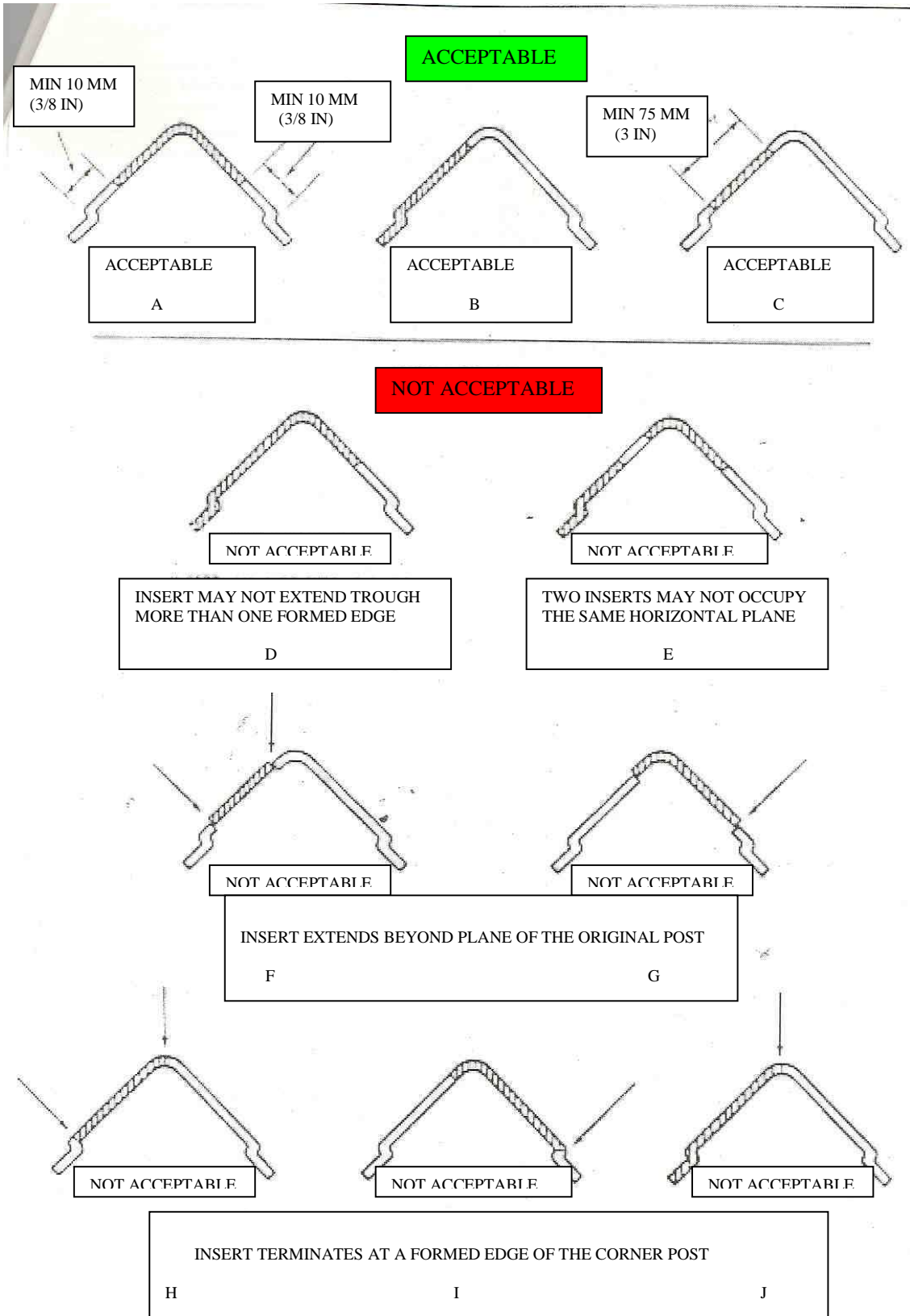
#### **Limitations on Inserts in the Outer Profile of a Rear Corner Post**

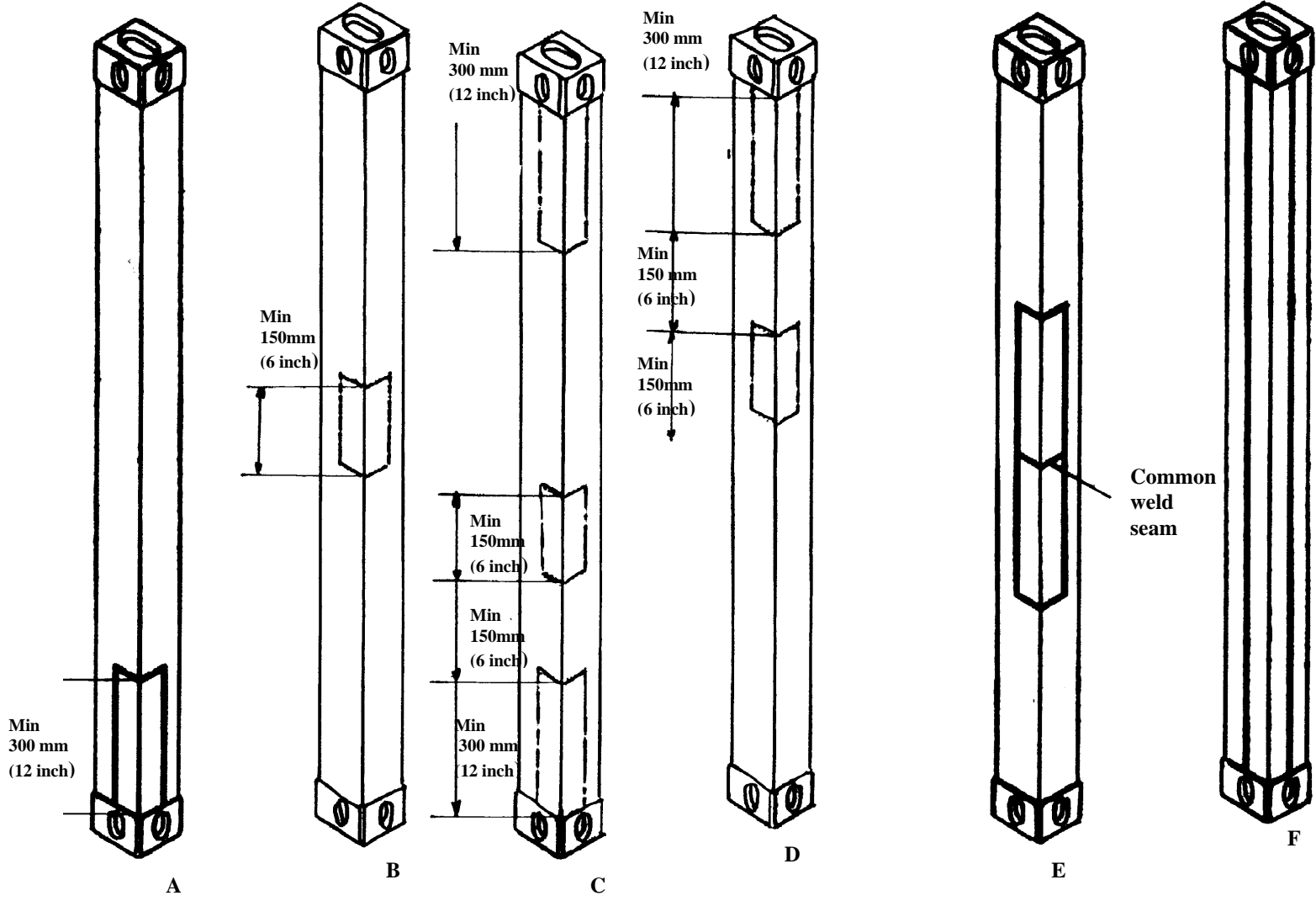
- An insert in the outer profile of a rear corner post (except in the J-bar portion) must be at least 150 mm (6 in) in length, or 75 mm (3 in) in the J-bar portion, unless it terminates at a corner fitting.
- An insert, whether in the J-bar portion or not, that would terminate within 300 mm (12 in) of a corner fitting must be extended to the fitting.
- No insert in the outer profile section of a rear corner post can share the same horizontal plane as another insert.
- There are no maximum height limits for outer profile rear corner post inserts.
- No insert shall terminate on a formed edge.
- The inserted material must be shaped to conform with the original radii of the post.

#### **Limitations on Sectioning of Rear Corner Post Outer Profile**

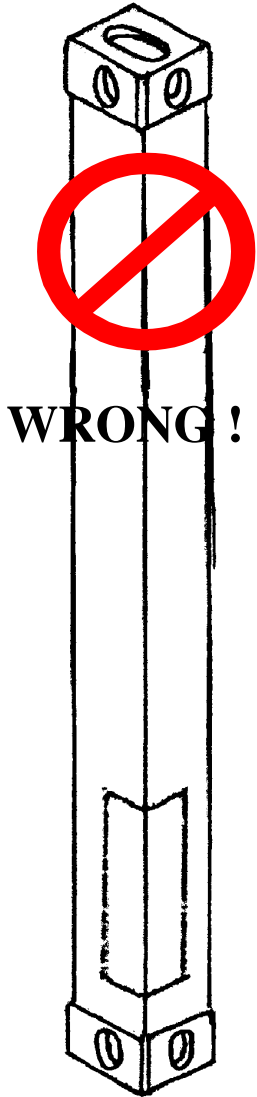
Sections to the outer profile of rear corner posts is subject to the following limitations:

- A full-profile section must be at least 150 mm (6 in) in length, unless it terminates at a corner fitting.
- If a section would terminate within 300 mm (12 in) of the corner fitting, it must be extended to the fitting.
- There are no maximum height limits for sections in the outer profile of a rear corner post.
- A maximum of three (3) sections are allowed in the outer profile of the rear corner post.
- Sections must be fitted flush with the original post material and butt-welded.
- Sections that would terminate within 150 mm (6 in) of an existing section must be extended to form a common weld.
- No inserting or sectioning of the inner post or stiffeners is permitted.

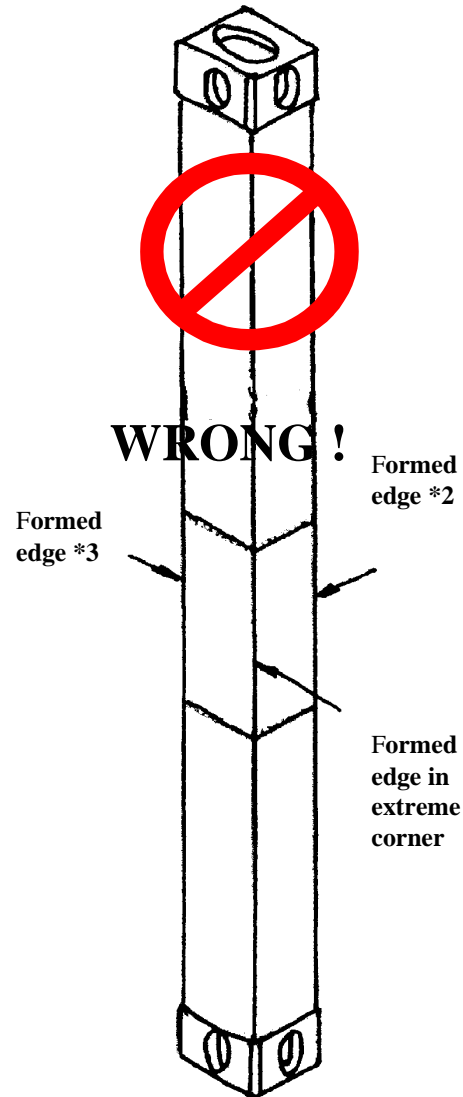




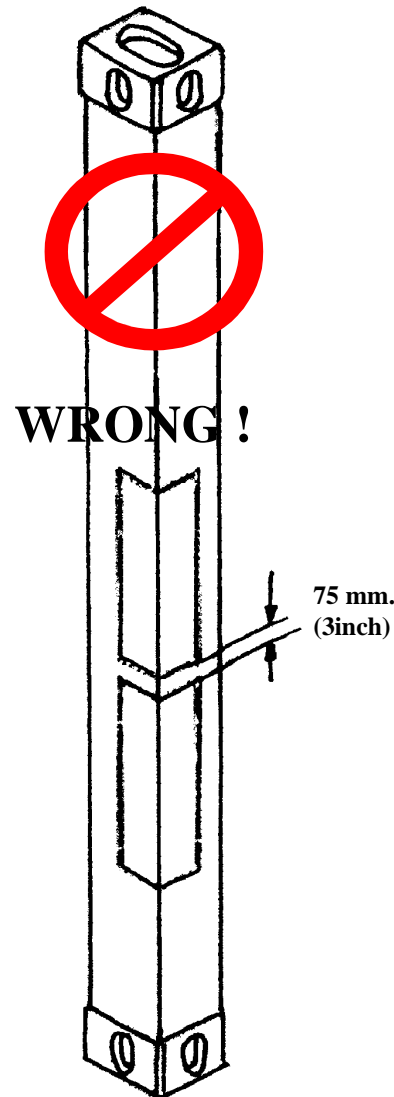
**TYPICAL ACCEPTABLE CORNER POST INSERTS**



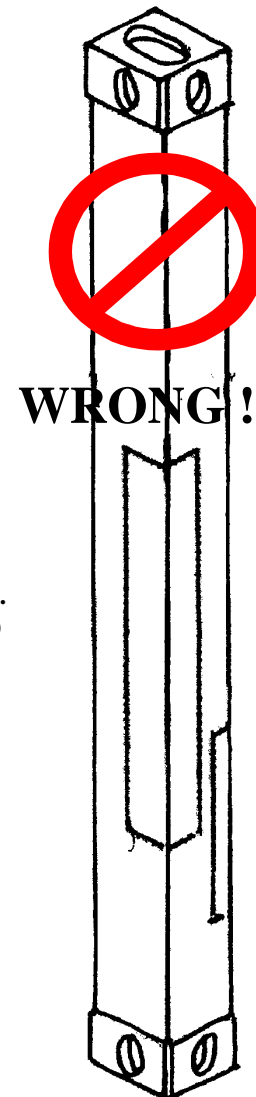
Insert must not Terminate within 300 mm (12 inch) of corner casting.



Insert may extend through Formed edge in the extreme Corner, plus not more than One additional formed edge.



Horizontal insert welds Must be a minimum 150 mm (6 inch) apart



Two inserts may not Occupy the same Horizontal plan

**NOT ACCEPTABLE REPAIRS**

## 3.2. Rails

### **Limitations on Rail Inserts and Sections.**

Damage that cannot be repaired by straightening, welding or straightening and welding may be repaired by replacing the damaged area with an insert, except in the case of flat-bar top rails (inserts may not be fitted to flat-bar top rails).

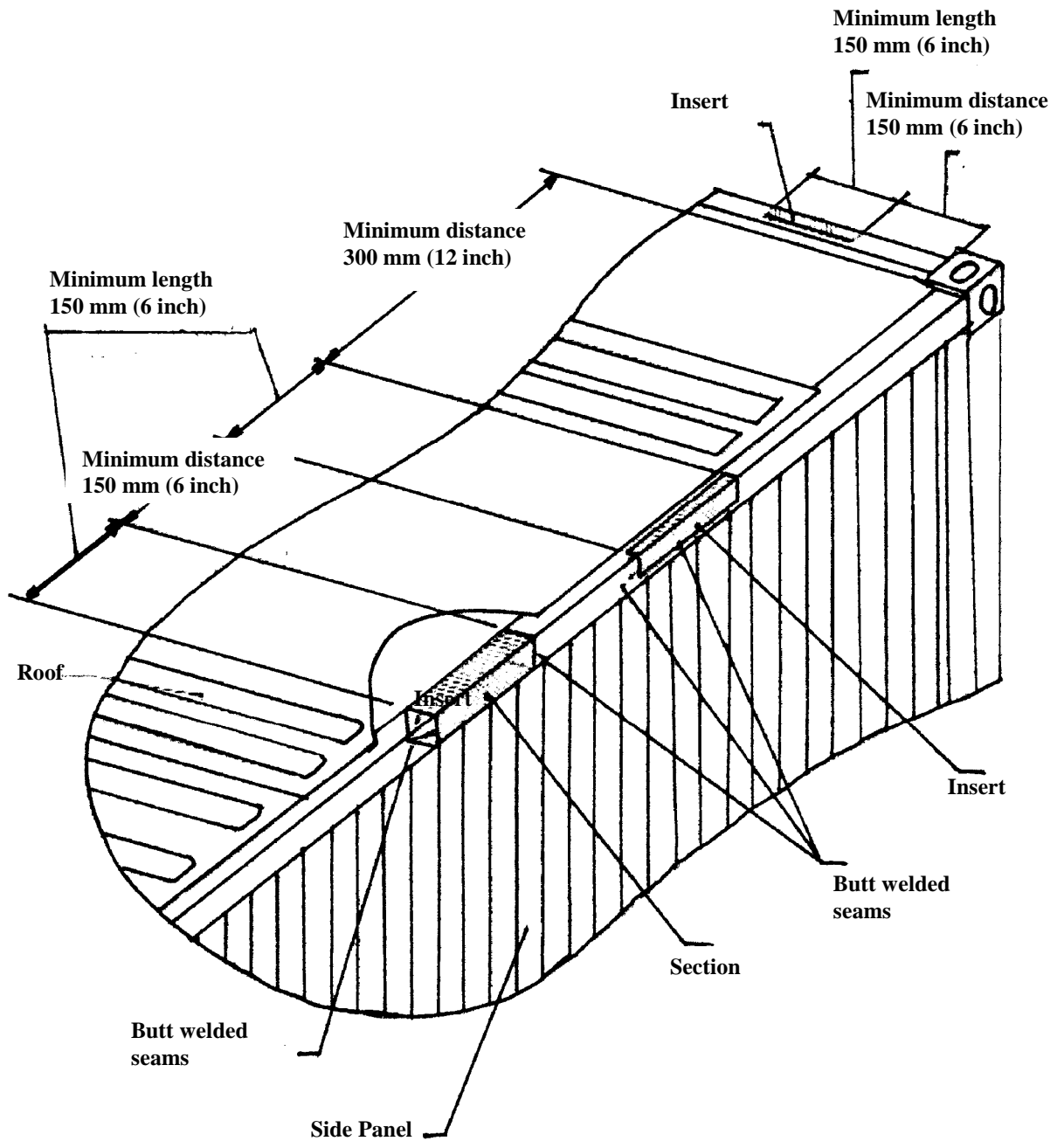
Inserts must be long enough to replace the entire damaged area, but may have to be lengthened still further under certain conditions. If the rail cannot be repaired by inserting, a section may be installed.

The following limitations apply to rail insert and sectioning:

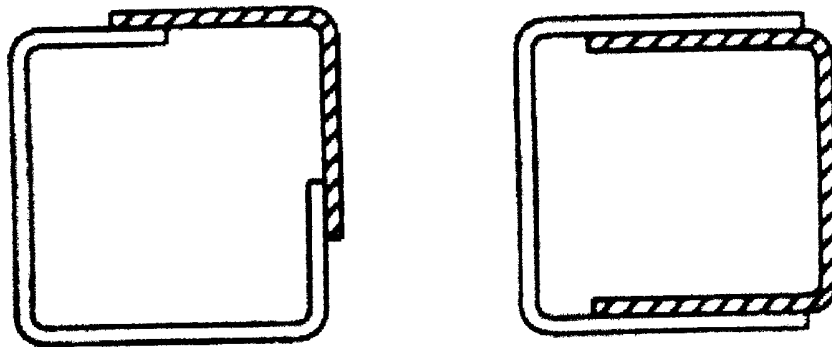
- Inserts and sections must be fitted flush with and butt-welded to the original rail.
- Inserts and sections must be at least 150 mm (6 in) in length.
- If an insert or section would end within 150 mm (6 in) of another insert section or vertical rail weld (other than a full-profile weld to a corner fitting) it must be extended to that weld.
- If an insert or section in a side rail (top or bottom) would end within 300 mm (12 in) of a corner fitting, it must be extended and welded to the fitting. This also means that any side rail insert or section that begins at a corner fitting and is welded to the fitting must be at least 300 mm (12 in) in length.
- If an insert or section in an end rail (header or sill) would end within 150 mm (6 in) of a corner fitting, it must be extended and welded to the fitting. This also means that any end rail insert or section that begins at a corner fitting and is welded to the fitting must be at least 150 mm (6 in) in length.

**NOTE:** *See figures on pages 55 and 56 for illustration of limitations on top rail inserts and sections, and on page 57 for illustration of limitations on bottom rail inserts.*

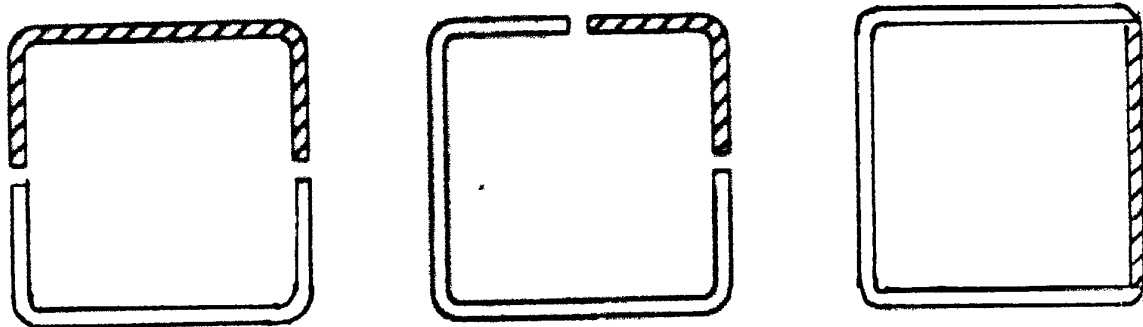
## TOP RAIL INSERT AND SECTION LIMITATION.



**CROSS SECTION OF TOP RAIL (BEFORE WELDING)**

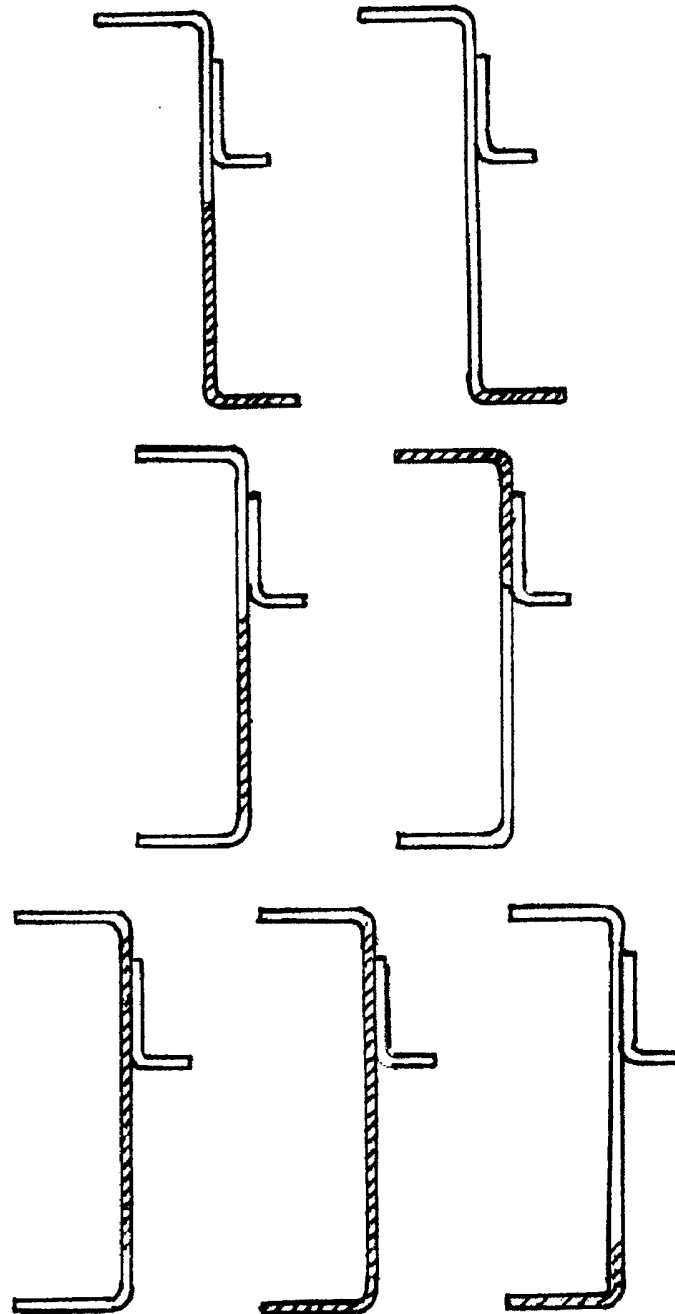


**Inserts not flush with remaining rail  
Not acceptable**



**ACCEPTABLE**

**EXAMPLES OF ACCEPTABLE BOTTOM RAIL INSERTS AS CROSS SECTIONS THROUGH THE RAIL PROFILES**



### 3.3. Flooring

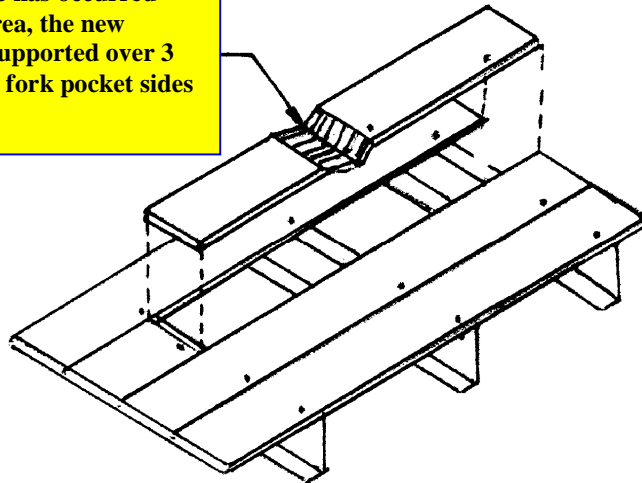
#### Limitation applying to floor repairs (partial or complete replacement)

Repairs involving partial or complete replacement are subject to the following limitations: Replacement planks and plywood boards, as well as undamaged remaining planks or boards, must cover at least three crossmembers or forklift pocket sides.

Adjacent floor planks must not terminate on the same crossmember or forklift pocket side.

See figures for illustration of these limitations.

Although damage has occurred only in a small area, the new section must be supported over 3 crossmembers or fork pocket sides



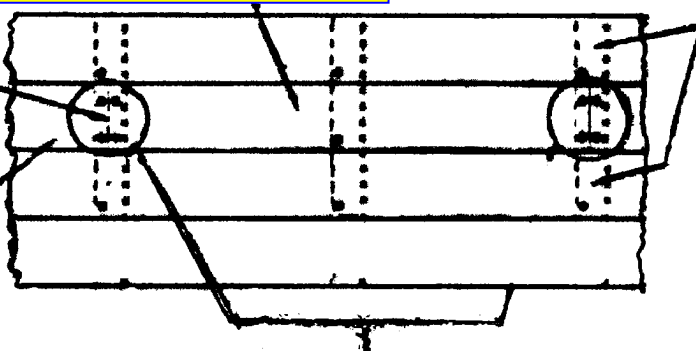
#### REMOVAL OF DAMAGED BOARD

New Boards should cover at least 3 crossmembers or fork pocket sides

Adjacent Boards may not terminate on the same crossmember or fork Pocket side

Caulked Butt Joint

Undamaged board must also cover at least 3 crossmembers or fork pocket sides.

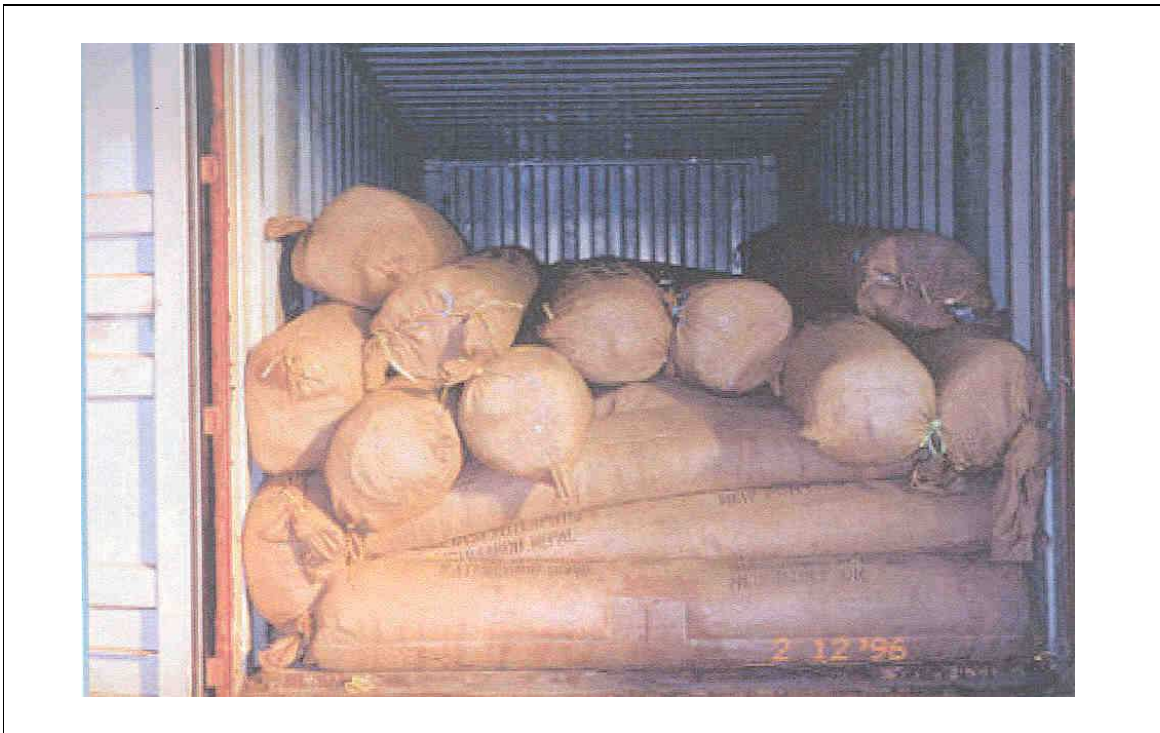


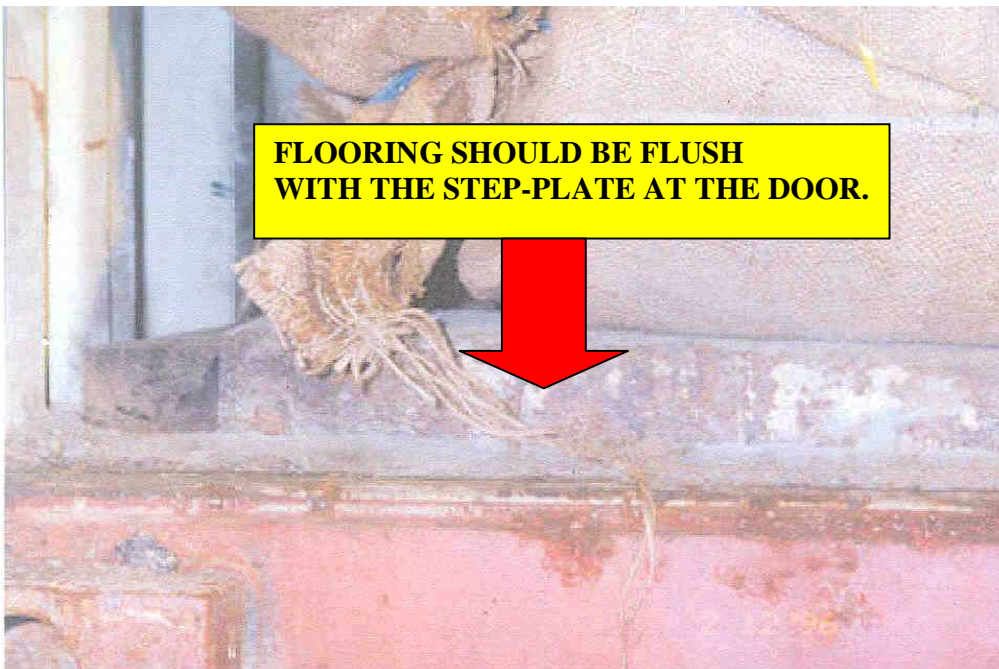
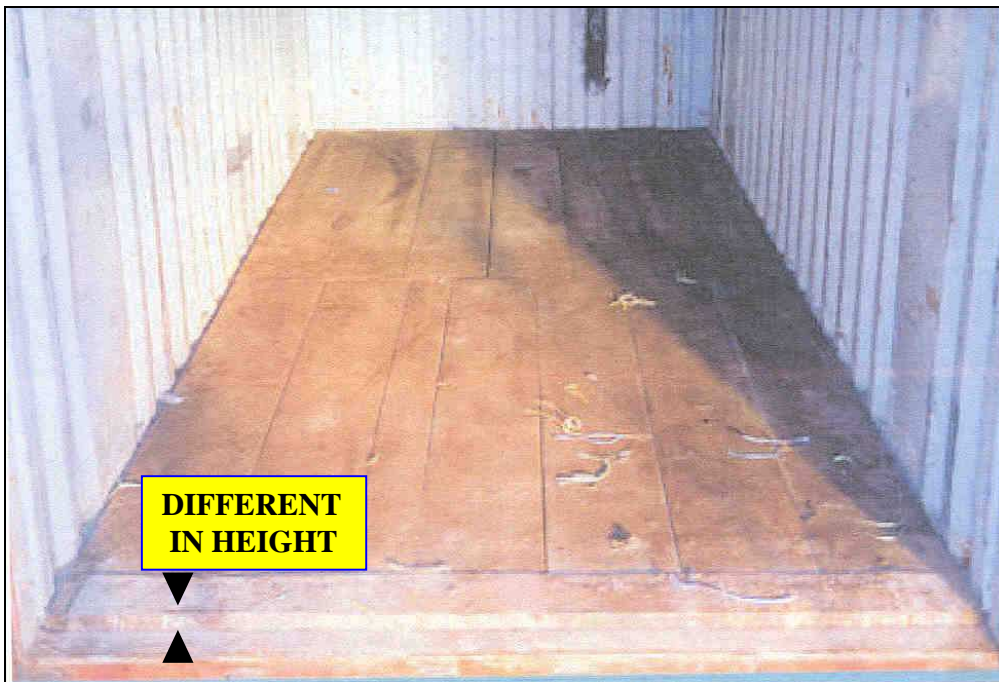
Additional Floor Screws

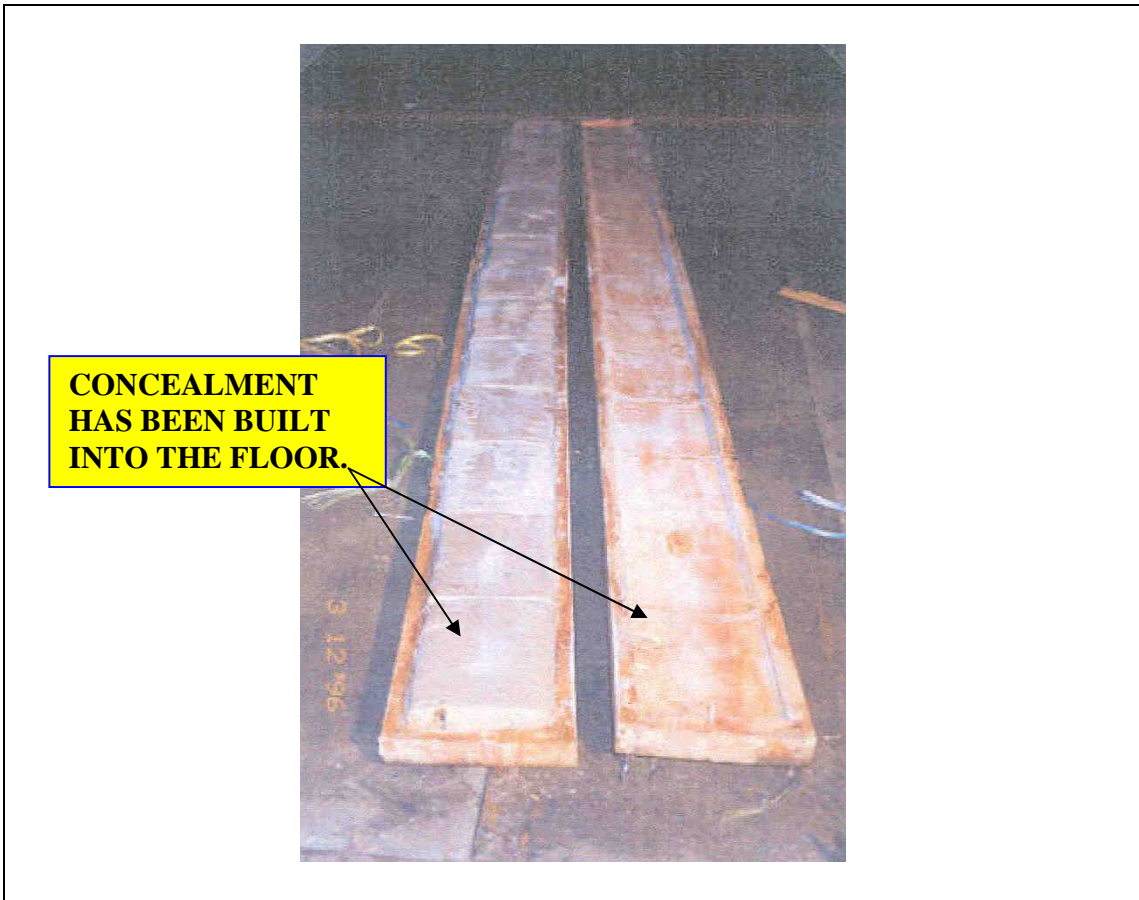
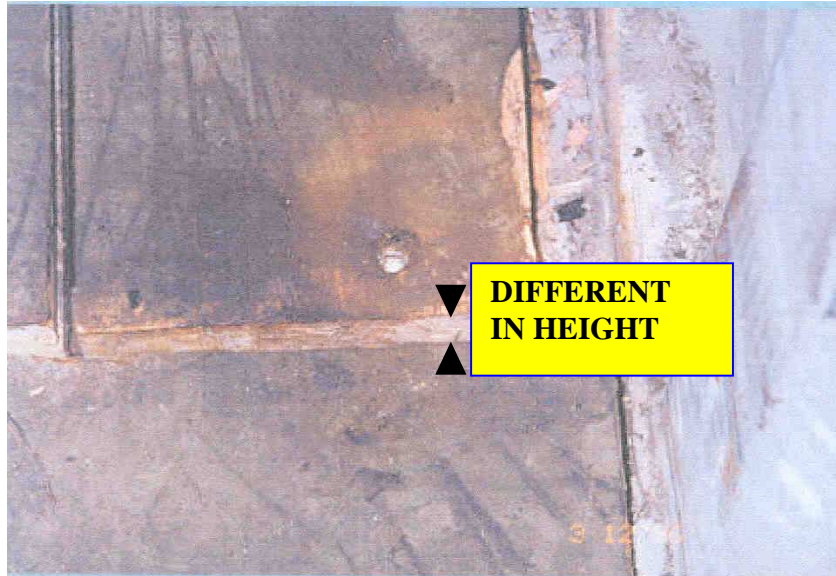
#### FINISHED REPAIR

**Remember:**

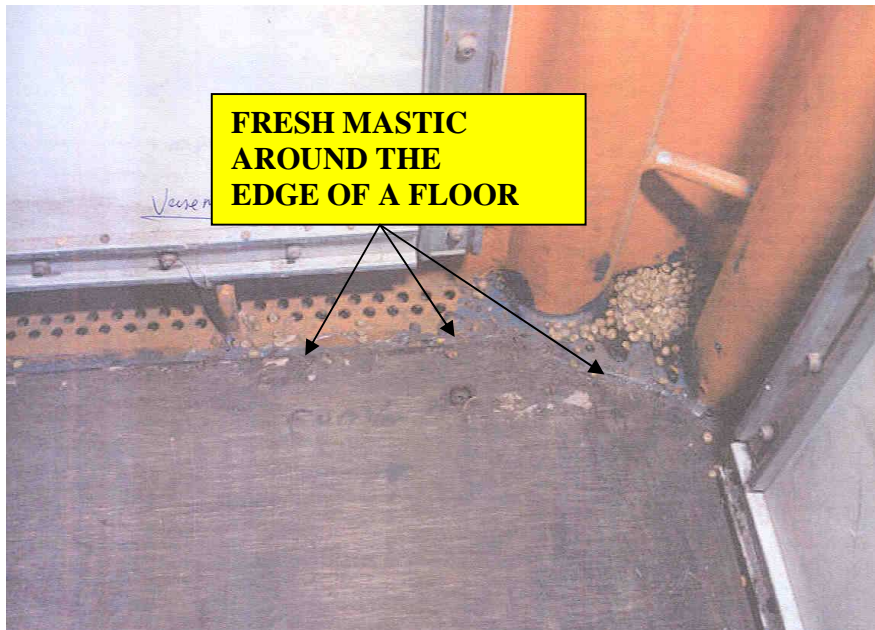
1. Flooring should be flush with the step-plate at the door, if not, it is possible that a concealment has been built into floor. (see the following photographs of an adapted floor in a container carrying a consignment of carpets from Nepal.)







2. Excess fresh mastic around the edge of a floor can indicate that an adaption has been carried out, as can new bolts and a clean appearance on the underside of a container that has been in service for some time.(see the photographs of a floor concealment in a coffee container from Ecuador.)



# ANNEX

## **DECODING OF CONTAINER OWNERS**

(Updated version can be obtained regularly in the "Container Year Book")

### **A**

AADU	Anchorage Dally News, ANCHORAGE ALASKA 99514, USA
AAEU	AAEL America-Africa-Europe Line GmbH, 222765 HAMBURG 50, Germany
AALU	Benelux Eurotainer Services Inc., 3000 CM ROTTERDAM, Netherlands
AAMU	Ministero Finanze Monopoli Di Stato, 00100 ROMA, Italy
ABEU	Van Den Bosch Transporten BV, 5469 ERP, Netherlands
ABMU	Abakanvagonmash, ABAKAN, Russia
ACDU	P&O Containers Ltd, LONDON E1 8EP, United Kingdom
ACNU	Akzo Nobel Chemicals BV, 3800 AE AMERSFOORT, Netherlands
ACOU	ACO Handelmaatschappij BV, 3000 BC ROTTERDAM, Netherlands
ACSU	Atoil Transport Services Ltd, ODESSA, Ukraine
ACTU	P&O Containers Ltd, LONDON E1 8EP, United Kingdom
ACXU	Atlantic Cargo Services AB, 40317 GOTHENBURG, Sweden
ACXU	North Atlantic Cargo Shipping NV, 2000 ANTWERP, Belgium
ACYU	American Cyanamid Company, PARSIPPANY NJ 07054, USA
ADCU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA
ADKU	AGA A/S, 2300 COPENHAGEN, Denmark
ADLU	Meya SARL, BEIRUT, Lebanon
ADNU	Adriatica di Navigazione SPA, 30123 VENISE, Italy
ADWU	Transocean Drilling, 4056 TANANGER, Norway
AECU	Atomic Energy Corporation Of SA Ltd., 0001 PRETORIA, South Africa
AFFU	Afrofreight Forwarders Limited, MOMBASA, Kenya
AFIU	OY AGA AB, 02610 ESBO 61, Finland
AFTU	Direction du Commissariat de la Marine, TOULON NAVAL 83800, France
AGAU	AGA Gas BV, 1031 HH Amsterdam, Netherlands
AGEU	AGA Gas GmbH, 33014 BAD DRIBURG – HERSTE, Germany
AGFU	MG Airgaz, 93206 SAINT DENIS CEDEX, France
AGRU	Sojuzagrochimexport, 119900 MOSCOU, Russia
AGSU	AGA GAS AB, STOCKHOLM, Sweden
AILU	Associated International (Holdings) Inc., TAIPEI 100, Taiwan
AIMU	Ammerican International Marine Leasing Inc., AVENEL NEW JERSEY 07001 USA
AITU	Elf Atochem Rotterdam BV, 3196 XH VONDELINGENPLAAT/RT, Netherlands
AJCU	Australia Japan Container Line, LONDON EI 8 EP, United Kingdom
AKBU	Akzo Resins BV, 4600 AB BERGEN OP ZOOM, Netherlands
AKIU	Akira Transport Co Ltd., City 340 SAITAMA, Japan
AKLU	Kawasaki Kisen Kaisha Ltd., TOKYO 105, Japan
AKRU	A & K Ltd., RIGA LV 1009, Latvia
ALBU	Alblas International Transport BV, 3295 ZG 'S GRAVENDEEL, Netherlands
ALGU	Société l'Air Liquide, 75321 PARIS CEDEX 07, France

ALIU	Aljoma Lumber Inc., MEDLEY FLORIDA 33178, USA
ALJU	Teisan K.K., TOKYO 105, Japan
ALKU	Algeco Containerhandels GmbH, 21217 SEEVETEL, Germany
ALMU	Almar Trading Corporations, TORTOLA, Virgin Islands (British)
ALNU	ECR Gordijn Containers BV, 3008 KB ROTTERDAM, Netherlands
ALPU	Chemoxal S.A., 75321 PARIS CEDEX 07, France
ALRU	Almar Trading Corporations, TORTOLA, Virgin Islands (British)
ALSU	Alfax AB, S-21224 MALMOE, Sweden
ALTU	Algeco, 75040 PARIS CEDEX 01, France
ALUU	Alucont AG, 8332 RUSSIKON, Switzerland
AMCU	Compagnie Maritime d’Affrètement, 13002 MARSEILLE, France
AMFU	Amphibious Container Leasing Ltd., FLEET HAMPSHIRE GU13 8UY United Kingdom
AMMU	M & M Militzer & Muench GmbH, 95028 HOF/SAALE, Germany
AMSU	Malaysian International Shipping Corp. Berhad, KUALA LUMPUR 0409 Malaysia
AMXU	Anglo Marine Tank Leasing Company Ltd. NR. KNUTSFORD CHESHIRE WA16 OQJ, United Kingdom
AMZU	Amphibious Container Leasing Ltd., FLEET HAMPSHIRE GU13 8UY United Kingdom
ANCU	Andesia USA, MIAMI FLORIDA 33131, U.S.A.
ANCU	Innovative Transport Systems SA, SANTA FE DE BOGOTA, Colombia
ANNU	Australian National Line, MELBOURNE VICTORIA 3004, Australia
ANRU	Akron, NOVGOROD 173012, Russia
ANZU	Danzas SA, 75010 PARIS, France
AOCU	Associated Octel Company Ltd., LONDON W1, United Kingdom
AOEU	AGA Transport GmbH, 1031 WIEN, Austria
APMJ	A.P. Moller, 1098 COPENHAGEN K, Denmark
APMU	A.P. Moller Maersk, 1098 COPENHAGEN, Denmark
APMZ	A.P. Moller, 1098 COPENHAGEN K, Denmark
APSU	Armatori Partenopei SRL, 80133 NAPOLI, Italy
ARDU	CATU Containers SA, 1227 CAROUGE-GENEVA, Switzerland
ARHU	CATU Containers SA, 1227 CAROUGE-GENEVA, Switzerland
ARIU	Davide Campari – Milano S.P.A., 20121 MILANO, Italy
ARKU	Arkas Shipping & Transport SA, 35210 IZMIR, Turkey
ARMU	Adaptainer Limited, Ipswich IP4 IXB, United Kingdom
ARTU	CATU Containers SA, 1227 CAROUGE-GENEVA, Switzerland
ARUU	Aragonesas, 28004 MADRID, Spain
ASAU	Argon SA, 28020 MADRID, Spain
ASCU	Azov Shipping Company, 341040 MARIUPOL, Ukraine
ASDU	AECI Operations Services (PTY) Ltd., 4120 UMBOGINTWINI South Africa
ASGU	Nordic Bulklers, 403 30 GOTEBORG, Sweden
ASHU	Ashcco Antwerp Second Hand Container Company, 2030 ANTWERP, Belgium

ASKU	Angio Saxon Containers, BIRKDALE SOUTHPORT PR8 4AG United Kingdom
ATDU	Jugolinija Produzece Za Medjunarodn Pomorski Prijevoz Robe I Putnika RIJEKA 51001, Yugoslavia
ATFU	Antrak Freight Ltd., LONDON E1, United Kingdom
ATIU	Compagnie des Containers Réservoirs 92975 PARIS LA DEFENSE 2 CEDEX, France
ATOU	Atochem, 92091 PARIS LA DEFENSE, France
ATRU	Antrak Group Ltd., LONDON E1, United Kingdom
ATTU	Action Truck & Trailer of Houston, HOUSTON TEXAS 77029, U.S.A.
AUTU	Autoporto SRL, CATANIA, Italy
AVLU	Avant Shipping Lines PTE Ltd., SINGAPORE 079906, Singapore
AWOU	OY Woikoski AB, 52920 WOIKOSKI, Finland
AWSU	Andrew Weir Shipping Ltd., LONDON EC3N 4XX, United Kingdom
AWXU	Alaska West Express Inc., FAIRBANKS 99701 ALASKA, U.S.A.
AXLU	Arabian Express Line Ltd., DUBAI, United Arab Emirates
AZLU	Australia New Zealand Direct Line, LONG BEACH CA 90814 U.S.A

## **B**

BACU	Bacardi International Ltd., HAMILTON 5, Bermuda
BAFU	Bulkhaul Ltd., MIDDELBOUGH TS2 1PS, United Kingdom
BAIU	Banagri Cooperativa Agricola CRL, FUNCHAL MADEIRA, Portugal
BANU	Bank Winter & Co Aktiengesellschaft, A-1011 VIENNA, Austria
BAPU	Cooperativa Agricola Dos Produtores De Frutas Da Madeira Crl, FUNCHAL MADEIRA, Portugal
BARU	The Barrons Group Ltd., HONG KONG, Hong Kong
BASU	Container Projects International Ltd., DUBLIN 2, Ireland
BAYU	BAYER AG, LEVERKUSEN 51377, Germany
BBMU	Bruno Bock Chemische Fabrik KG, 21436 MARSCHACHT, Germany
BBTU	BMCS Bress Mundial Container Service GmbH, 63225 LANGEN, Germany
BCDU	Byelorussian Railway, MINSK, Belarus
BCHU	Braun Container Handels GmbH, 20539 HAMBURG, Germany
BCLU	Bermuda Container Line Ltd., HAMILTON HM1 1, Bermuda
BCPU	Joint Stock Company Beraton, BEREZNIKI, Russia
BCTU	Belgian Container & Trading, 2000 ANTWERP, Belgium
BDCU	Dutch Trading Consortium BV, 3008 JB ROTTERDAM, Netherlands
BECU	Cargotainer GmbH, 68006 MANNHEIM, Germany
BEIU	Boral Energy Ltd., 2001 SYDNEY, Australia
BELU	Bell Lines Ltd., DUBLIN 2, Ireland
BETU	United Transport Container Holdings Ltd., IPSWICH SUFFOLK IP1 3LF, United Kingdom
BGKU	Germapharm GmbH, 20097 HAMBURG II, Germany

BHCU	Bridgehead Container Services Ltd., LIVERPOOL L3 1RX, United Kingdom
BHPU	BHP Transport Ltd., MELBOURNE VIC 3001, Australia
BIDU	Berschi AG Inter. Transporte, 5724 DURRENASCH, Switzerland
BIGU	Box International s.r.l., 16128 GENOVA GE, Italy
BIMU	Navigation Maritime Bulgare, 9000 VARNA, Bulgaria
BINU	Colas Road Contractors, 2830 VIRUM, Denmark
BIRU	Barbicano Trading e Investimrntos S.A., 9000 FUNCHAL, Portugal
BKLU	Andrew Weir Shipping Ltd., LONDON EC3N 4XX, United Kingdom
BLEU	Belinka Perkemija D.D., 61231 LJUBLJANA CRNUCE p.p. 73, Slovenia
BLGU	Belgo-Iberian Maritime, 2000 ANTWERP, Belgium
BLJU	Orient Express Lines Inc., DUBAI, United Arab. Emirates
BLKU	Bulkhaul Co Ltd., MIDDLESBROUGH CLEV, TF2 1PS, United Kingdom
BLPU	Bridge Line, 2000 SYDNEY N.S.W., Australia
BMCU	BMCU Tankcontainer Leasing GmbH, 20457 HAMBURG 11, Germany
BMFU	Navigation Maritime Bulgare, 9000 VARNA, Bulgaria
BMUU	Black Sea Shipping Company, ODESSA, Ukraine
BMWU	Cogemiwa, 75008 PARIS, France
BNIU	Britisch & Insh Steam Packet Co., DUBLIN, Ireland
BNSU	BNS Agencies AS, 0668 OSLO, Norway
BOBU	Great Lakes Chemical (Europe) Ltd., SOUTH WIRRAL L65 4GD, United Kingdom
BOCU	BOC Process Plants, MURRAY HILL NEW JERSEY, U.S.A.
BOLU	Balt Orient Line Limited, BARKING ESSEX IG11 8BB, United Kingdom
BONU	Bond International Ltd. Craigmuir Chambers, ROAD TOWN TORTOLA Virgin Islands (Britisch)
BORU	Borchard Lines Ltd., LONDON EC1Y 4XY, United Kingdom
BOSU	United Transport Tankcontainers BV, 3004 EB ROTTERDAM, Netherlands
BOXU	Bulkhaul Co Ltd, MIDDELSBROUGH CLEVELAND TS2 1PS, United Kingdom
BPBU	Bayer Rubber NV, 2070 ZWIJNDRECHT, Belgium
BPCU	B.P. Chemicals Belgium, 2730 ZWIJNDRECHT, Belgium
BPLU	Bomeo Maritime Ltd., TST KOWLOON, Hong Kong
BRCU	Sistema Transportes S/A, SAO PAULO, Brazil
BRNU	Brun SA, 38320 EYBENS, France
BRXU	Genstar Instantspace, GERRARDS CROSS BULCKS SL9 8EL, United Kingdom
BSCU	Baltic Shipping Company, SAINT PETERSBURG, Russia
BSLU	Blue Star Line Ltd., LONDON SE1 2LS, United Kingdom
BSSU	Black Sea Shipping Company, ODESSA, Ukraine
BSTU	Siegl-Container Vermietung U. Handel, 2345 BRUNN/GEBIRGE, Austria
BTEU	Bruhn Transport Equipment GmbH & Co., 23564 LUBECK, Germany
BTLU	United Transport Tankcontainers BV, 3004 EB ROTTERDAM, Netherlands
BTNU	Broomchemie BV, 4530 AH TERNEUZEN, Netherlands
BTTU	BTT Bahn Tank Transport GmbH, 60327 FRANKFURT MAIN, Germany
BUGU	Bugsier Reederei und Bergungs-Gesellschaft mbH, 20459 HAMBURG 11, Germany

BUKU	Bulktaimer Rental and Finance Ltd., ST HELIER JERSEY JE4 8YD, United Kingdom
BULU	Bulvinos Chemicals Ltd., LONDON W13 9AA, United Kingdom
BUTU	Brointermed Ltd., GIBRALTAR, Gibraltar
BUZU	Buzzatti Transporti Srl, 32036 SEDICO, Italy
BWCU	Bay Chemie Transport GmbH, 07973 GREIZ-DOLAU, Germany
BWPU	Materialamt der Bundeswehr Dez I.7, 53757 St AUGUSTIN, Germany
BXLU	HCT Boxlease Limited, BEACONSFIELD BUCKINGHAMSHIRE HP9 2NB United Kingdom
BZCU	Tessengerlo Chemie, 1040 BRUXELLES, Belgium

## C

CACU	A/S Thor Dahl Shipping, 3202 SANDEFJORD, Norway
CADU	Costa Container SPA, 16123 GENOVA, Italy
CAEU	Castro Leasing Ltd., ST-HELIER JERSEY, United Kingdom
CAMU	Andrew Weir Shipping Ltd., LONDON EC3N 4XX, United Kingdom
CASU	CAST (1983) Ltd., HAMILTON 5, Bermuda
CATU	CATU Containers SA, 1227 CAROUGE-GENEVA, Switzerland
CAXU	Container Applications International Inc., SAN FRANCISCO CA 94111-3834, U.S.A.
CBCU	Columbiana Financial Services Ltd., COLUMBIANA OHIO 44408, USA
CBFU	Chiquita Brands International, CINCINNATI OHIO 45202, U.S.A
CBHU	Florens Shipping Corporation SA, HONG KONG, Hong Kong
CBMU	C.B. International Shipping Pty Ltd., 04810 TOWNSVILLE, Australia
CCAU	Contra Container BV, 3088 HC ROTTERDAM, Netherlands
CCDU	Container Company Amsterdam BV, 1042 AG AMSTERDAM, Netherlands
CCHU	Kemira SA, 7333 TERTRE, Belgium
CCRU	Cie des Containers Réservoirs, 92080 PARIS LA DEFENSE, France
CCSU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
CEAU	COGEMA, 78141 VELIZY VILLACOUBLAY CEDEX, France
CECU	Compagnie Exploitation Conteneurs, 92080 PARIS LA DEFENCE 2 CEDEX 5, France
CEFU	Andrew Weir Shipping Ltd., LONDON EC3N 4XX, United Kingdom
CERU	Cerestar Scandinavia A/S, DK-2840 HOLTE, Denmark
CESU	Consent Equipment AB, S-40040 GOTENBURG, Sweden
CETU	Consani Engineering (PTY) Ltd., ELSIES RIVER 7480, South Africa
CEXU	Chimical Express SRL, NAPOLI, Italy
CFGU	Seaboard International Trading Co. Pty. Ltd., 8000 CAPE TOWN, South Africa
CFLU	BSG- Bavaria See Verkehrs GmbH, 67061 LUDWIGSHAFEN, Germany
CFMU	State ADM of Railway Transport of Moldava (CFM), 277012 KISHINEV, Moldava

CFPU	Caminhos de Ferro Portugueses EP, 1196 LISBOA CODEX, Portugal
CGBU	Ciba-Geigy AG Zentrales Verkehrswesen, 4002 BASEL, Switzerland
CGHU	Compagnie Générale Maritime, 92158 SURESNES, France
CGMU	Compagnie Générale Maritime, 92150 SURESNES, France
CGRU	Currie European Transport Ltd., DUMFRIES SCOTLAND DG1 3NX, United Kingdom
CGTU	Compagnie Générale Maritime, 92150 SURESNES, France
CHDU	A/S Cheminova, 7620 LEMVIG, Denmark
CHFV	Challenge International, 76290 MONTIVILLIERS, France
CHMU	Chemmetall GmbH, 38685 LANGELSHEIM, Germany
CHOU	Ciba Specialty Chemicals S.p.A., 40044 PONTECCHIO MARCONI (BO), Italy
CHPU	Chinese-Polish Shipping Company(Chipolbrok), GDYNIA 81364, Poland
CHRU	Delmas, 76600 LE HAVRE, France
CHVU	CHV Container Handels Und Vermietungsges. mbH, 1230 WIEN, Austria
CIAU	Ciat/Rossi S.P.A., 29100 PIACENZA, Italy
CIBU	Cont-asphalt Ltd., 1602 LA CROIX SUR LUTRY, Switzerland
CIEU	Coras Iompair Eireann (CIE), DUBLIN 1, Ireland
CIGU	EDF CIG, 13401 MPARSEILLE, France
CIHU	Containers International Ltd., Western Docks SOUTHAMPTON, United Kingdom
CIJU	Chiyoda Singapore Pte. Limited, JURONG 2261, Singapore
CIRU	Commissionaria Intertrasporti SRL, 20089 ROZZANO/MILANO, Italy
CKGU	Contrin Uebersee Transportgeraete Handelsges.mbH, 1030 WIEN, Austria
CKPU	Sitara Shipping Ltd., 400001 BOMBAY, India
CKTU	CKT-BV Container en Koeltechniek, 3088 AH ROTTERDAM, Netherlands
CLAU	Conti-Lines s.a., 2030 ANTWERP, Belgium
CLCU	CLC Praha SRO, 130 00 PRAHA, Czech. Rep.
CLGU	Contship UK Ltd., IPSWICH SUFFOLK IP4 IAX, United Kingdom
CLHU	Capital Lease GmbH, 20148 HAMBURG, Germany
CLKU	United Transport Container Holdings Ltd., IPSWICH SUFFOLK IP1 3LF, United Kingdom
CLMU	Compagnie Algéro-Libyenne de Transport Maritime (CALTRAM) BIRMANDREIS-ALGER, Algeria
CLOU	CLOU Container Leasing GmbH, 20148 HAMBURG 13, Germany
CLPU	Clipper Shipping Lines Ltd. Monrovia Liberia, HOUSTON TX 77042, USA
CLVU	Agence Maritime CALVI FRANCE, 13002 MARSEILLE, France
CMAU	China Merchants Shipping & Enterprises Co. Ltd. HONG KONG, Hong Kong
CMBU	CMB Transport NV, 2000 ANTWERP, Belgium
CMGU	Carburos Messer Griesheim, 43080 TARRAGONA, Spain
CMIU	COMI Constructions Métalliques Industrielles, 38460 S. ROMAIN JOLIANAS, France
CMMU	Coming Srl, 16153 GENOVA, Italy
CMNU	Compagnie Marocaine de Navigation, CASABLANCA, Morocco
CMRU	COMARCO, ABIDJAN PLATEAU, Ivory Coast
CMSU	Cameroon Shipping Lines SA, DOUALA, Cameroon

CMUU	Canada Maritime Ltd., HAMILTON HM EX, Bermuda
CNCU	Compagnie Nouvelle de Conteneurs, 94302 VINCENNES CEDEX, France
CNGU	SICNG (Ind. Chimiques du Nd de la Grèce SA) SALONIQUE, Greece
CNIU	Compania Chilena de Navegacion Interoceanica SA, VALPARAISO, Chile
CNMU	Nucleco S.p.A., 00060 ROMA, Italy
CNXU	IFREMER, 92138 ISSY LES MOULINEAUX CEDEX, France
COBU	Elf Exploration Angola, 92090 PARIS LA DEFENSE Cedex 45, France
COCU	Cosper SRL, GENOA 16121, Italy
CODU	CO.DE.CO. Containerisation Development Co. 9490 VADUZ, Liechtenstein
COFU	Compagnie Maritime du Faso, OUAGADOUGOU, Burkina Fasso
COGU	COGEMA, 78141 VELIZY VILLACOUBLAY CEDEX, France
COLU	Containerline Limited, GIBRALTAR, Gibraltar
CONU	Contrans Leasing Verwaltungs GmbH, HAMBURG 20097, Germany
COPU	Maas Intermodal Systems, 2170 Antwerp, Belgium
COQU	Concisa Contenedores Cisterna SA, 28831 MADRID, Spain
CORU	CATU Containers SA, 1227 CAROUGE-GENEVA, Switzerland
COSU	China Ocean SteamShip Compagny, SHANGHAI, China (People Rep.Of)
COUU	Transport Coulier n.v. 9220 HAMME, Belgium
CPIU	Container Providers International Ltd., HONG KONG, Hong Kong
CPPU	Canadian Pacific Ltd. (CP Rail Division), QUEBEC, Canada
CPSU	Centennial Shipping, HAMILTON 5, Bermuda
CPVU	Containers and Pressure Vessels Ltd., CLONES, Ireland
CRAU	Consiarma SPA, 80133 NAPOLI, Italy
CRKU	Kurt Richter, 50080 KOLN 80, Germany
CRLU	Cryolor, 57365 ENNERY, France
CRTU	Cronos Containers Ltd., WINDSOR-BERKS SL4 4RV, United Kingdom
CRWU	Compagnie Française de Produits Métallurgiques 75017 PARIS, France
CRXU	Cronos Containers Ltd., WINDSOR BERKS SL4 4RU, United Kingdom
CSCU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
CSCU	Trans Ocean Container Corporation, SAN BRUNO CA 94066, USA
CSDU	CSKD Intrans, 130 00 PRAHA 3, Czech Rep.
CSFU	Containerships Ltd OY and Ships Cont. Ltd. OY and Container Finance Ltd. OY 00260 HELSINKI, Finland
CSGU	C & S Transport BV, 6163 HG GELEEN, Netherlands
CSLU	Commodore Shipping Co. Ltd., CHANNEL ISLANDS, United Kingdom
CSOU	Container Marketing (Overseas) Ltd., St HELIER-JERSEY, United Kingdom
CSPU	CES Container Equipment Services srl., 16124 GENOVA, Italy
CSQU	Contship Containerline Ltd., IPSWICH-SUFFOLK IP4 IAX, United Kingdom
CSSU	Crusader Swire Containers Service Ltd., LONDON E1 8EP, United Kingdom
CSUU	Container Speditions Und Transport GmbH, 21129 HAMBURG, Germany
CSVU	Compania Sud Americana de Vapores GmbH, VALPARAISO, Chili
CSYU	Textainer Equipment Management BV, SAN FRANCISCO CA 94108, USA
CTAU	Cooltainer Services Ltd., CHRISTCHURCH, New Zealand
CTGU	Cardinal IG, MINNEAPOLIS MN 55426, USA

CTHU	Chemical Transfer Company Inc., 95206 STOCKTON CA, USA
CTIU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA
CTKU	Contank S.A., 08001 BARRCELONA, Spain
CTLU	Chinese – Tanzanian Joint Shipping Co., DAR ES SALAAM, Tanzania
CTRU	CTC Equipment A.G., CH-4012 BASEL, Switzerland
CTSU	SOCODEI, 95613 CERGY-PONTOISE Cedex, France
CTUU	CTC Equipment A.G., CH-4012 BASEL, Switzerland
CTWU	Interpool Ltd. PRINCETON NEW JERSEY 08540, USA
CTXU	Containex, 2355 WIENER NEUDORF, Austria
CTZU	Container Transport Logistic GmbH, 28010 BREMEN 1, Germany
CUCU	Cargo unit Containers Ltd, CAMBERLEY SURREY CU165HY, United.Kingdom
CUFU	Empresa Cubana de Fletes, LA HABANA, Cuba
CULU	Currie Line Ltd., GRANGEMOUTH FK3 8XT, United Kingdom
CWKU	Yue Da Enterprise Group (HK) Co. Ltd., WANCHAI, Hong Kong
CWSU	Cargotank Worldwide Services BV, 4790 MOERDIJK, Netherlands
CXLU	Coastal Express line Pty. Ltd., MELBOURNE, Australia
CXNU	Container Corporation of India Ltd., 110001 NEW DELHI, India
CYLU	Cho Yang Shipping Co. Ltd, 100-110 SEOUL, Korea (Rep. Of)
CYRU	Compagnie Meridionale De Navigation, 13002 MARSEILLE, France
CZZU	Container Applications International Inc. SAN FRANCISCO CA 94111-3834, U.S.A.

## **D**

DADU	Danica Export Aps., VEDBAEK, Denmark
DAFU	DAFRA-Lines AS, 2100 COPENHAGEN 0, Denmark
DALU	D'AMICO Soc.di Navigazione, ROMA – 00198, Italy
DAMU	Danzas AG, 4002 BASEL, Switzerland
DANU	Danzas SA, 6830 CHIASSO, Switzerland
DAXU	Dachser GmbH & Co, 87439 KEMPTEN, Germany
DAYU	Deutsche Afrika Linien GmbH, 22767 HAMBURG 50, Germany
DAZU	Danzas and Cie GmbH, 60325 FRANKFURT/MAIN, Germany
DBCU	DB Turkish Cargo Lines, 80104 FINDIKLI ISTANBUL, Turkey
DBEU	Deluxe International SA, 1800 VILVOORDE, Belgium
DBXU	Deutsche Bundesbahn, 32423 MINDEN, Germany
DCAU	Direction Centrale du Commissariat de l'Armée de Terre, 00464 ARMEES, France
DCCU	Société de Développement du Coton du Cameroun, GAROUA, Cameroon
DCIU	Dana Container Inc., AVENEL NJ 07001, USA
DCMU	Service du Matériel de l'Armée de Terre, 75997 PARIS ARMEES, France
DCOU	Dow Corning Ltd., BARRY CF6 7YL, United Kingdom

DDCU	Dafcon Deutsche-Afrikanische Container Leasing GmbH, 22767 HAMBURG 50, Germany
DEBU	Nasaco International Limited, 1211 GENEVA, Switzerland
DFCU	Dole Fresh Fruit Co., GULFPORT MS 39502, USA
DFDU	DFDS A/S, DK-1295 COPENHAGEN K, Denmark
DFIU	Dole Fresh Fruit International Ltd., SAN JOSE, Costa Rica
DGLU	Di Gregorio Navegação Ltda. SAO PAULO 04063-000, Brazil
DHRU	Den Hartogh Internationale Tanktransporten BV 3181 HK ROZENBURG, Netherlands
DIBU	Hede Nielsen A/S, 8700 HORSENS, Denmark
DIDU	Trans Equipment Finance SA, 1701 FRIBOURG, Switzerland
DILU	Deluxe Continental Ltd. HARWICH ESSEX CO12 HQA, United Kingdom
DJAU	CMB Transport NV, 2000 ANTWERP, Belgium
DKLU	Royal Netherlands Air Force, 2500 ES 'SGRAVENHAGE, Netherlands
DLKU	Stolt Tank Containers Leasing Ltd., HAMILTON HM 11, Bermuda
DMDU	Klinge Conrep A/S, 8240 RISSKOV, Denmark
DMSU	ABC Containerline NV, 2030 ANTWERP, Belgium
DNLU	Hamburg Sudamerikanische Dampfschiffahrts Gesellschaft, 20457 HAMBURG 11, Germany
DOLU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
DONU	Donati Transporti SRL, 48018 FAENZA (RA), Italy
DPDU	Du Pont de Nemours (Nederland) BV, 3300 AC DORDRECHT, Netherlands
DPTU	Transporti Dipasquale SRL, 97100 RAGUSA, Italy
DRLU	Mitsui Osk Lines Ltd., 105 91 TOKYO, Japan
DRPU	DSR Senator Lines, 18147 ROSTOCK, Germany
DRPU	DSR Senator Lines GmbH, 28195 BREMEN, Germany
DSBU	Eurobrom BV, 2280 AD RIJSWIJK, Netherlands
DSDU	DSB, 1349 COPENHAGEN K, Denmark
DSIU	Diamond Shipping Company Ltd., Calcutta 700071, India
DSPU	Despred, 1080 SOFIA, Bulgaria
DSRU	DSR Senator Lines, 18147 ROSTOCK, Germany
DSRU	DSR Senator Lines GmbH, 28195 BREMEN, Germany
DTSU	Terminal Scania S.r.l., 16152 GENOVA, Italy
DVDU	Fairbreeze Shipping Co. Ltd., HONG KONG, Hong Kong
DVRU	Delmas, 76600 LE HAVRE, France
DWAU	Degussa Antwerpen NV, 2040 ANTWERP, Belgium
DWBU	Warsteiner Brauerei, 59564 WARSTEIN, Germany

## E

EACU	EAST Asiatic Co Ltd., DK-1099 COPENHAGEN, Denmark
EAFU	F.A.E. Spa. TERNI 05100, Italy
EAXU	EAS International Transportation Ltd., 100027 BEIJING, China (Rep. of)
EBCU	CS Eurasia Leasing GmbH & Co. Kg, 22926 AHRENSBURG, Germany
EBSU	Euro-Baltic Lines Ltd., DOUGLAS IM99 IEZ ISLE OF MAN, United Kingdom
ECBU	European Containers NV, 8380 Brugge 5, Belgium
ECCU	M.L.C. Shipping, 2000 ANTWERP, Belgium
ECIU	Ecofreight International Ltd., DUBLIN 22, Ireland
ECMU	Compagnie Maritime d'Affrètement, 13002 MARSEILLE, France
ECRU	Ecord BV, 2675 ZG HONSELERDIJK, Netherlands
ECTU	Trans European Container Unit SpA, PADOVA 35100, Italy
EFCU	ERI Services Ltd., NASSAU, Bahamas
EFGU	Argomann ferry service GmbH Cuxhaven, 28195 BREMEN, Germany
EGLU	Egytrans, ALEXANDRIA, Egypt
EICU	Eichholtz & Sons, GmbH, 20457 HAMBURG, Germany
EIMU	H.F. Eimskipafelag Islands, 121 REYKJAVIK, Iceland
EISU	Evergreen International s.a., PANAMA CITY, Panama
EKAU	EKA Nobel AB, 44501 BOHUS, Sweden
EKCU	Friedrich Eisenkeck Silotransporte, 4623 GUNSKIRCHEN, Austria
EKLU	Kawasaki Kisen Kaisha Ltd. "K" Line-Kerr Corporation SAN FRANCISCO 9411 CA, U.S.A.
ELAU	E.L.C.A. Srl Transporti, 21050 PEVERANZA DI CAIRATE (VA) Italy
ELEU	Alcatel Sel AG, 70435 STUTTGART, Germany
ELFU	Elfcon Trading & Leasing AB, 418 34 GOTHENBURG, Sweden
ELLU	Andrew Weir Shipping Ltd., LONDON EC3N 4XX, United Kingdom
ELOU	MACS Maritime Carrier Shipping GmbH & Co., 20459 HAMBURG, Germany
EMAU	Compagnie Algérienne de Navigation (SNTM-CNAN) ALGER, Algeria
EMCU	Evergreen Marine Corp.(Taiwan) Ltd., TAIPEI, Taiwan
EMEU	East Med Tanks (Agencies) Ltd., LONDON W1H 3HA, United Kingdom
EMLU	Lugmair Handels U. Transport GmbH, 4661 ROITHAM, Austria
EMTU	East Med Tanks (Agencies) Ltd., LONDON W1H 3HA, United Kingdom
ENAU	Empresa de Navegação Alianca S/A, 22290 RIO DE JANEIRO, Brazil
ENCU	Egyptian Navigation Company, ALEXANDRIA, Egypt
ENMU	Empresa de Navegacao Madeirense Lda. 9000 FUNCHAL, Portugal
ENTU	Entrepose Montalev, 93125 LA COURNEUVE cedex, France
ENVU	TWS Transportmittel – Vermietung GmbH, 19246 CAMIN, Germany
ENVU	TWS Transportmittel Vermietung GmbH, 20537 HAMBURG, Germany
EOLU	Exim Container Services Pte Ltd., SINGAPORE 0409, Singapore
ERFU	ERMEFER s.a., 1211 GENEVA 1 Switzerland
ERSU	Eurosilo Transport BV, 5902 RH VENLO, Netherlands
ESBU	NV Essers Bulktransport, 3980 TESSENDERLO, Belgium
ESFU	Euro Shipping & Forwarding NV, 2000 ANTWERP, Belgium

ESIU	E Sun Shipping Ltd. Hong Kong, Hong Kong
ESLU	Ethiopian Shipping Lines Corp. ADDIS ABEBA, Ethiopia
ESMU	Marine & Engineering Services Company, ALEXANDRIA, Egypt
ESSU	Kawasaki Kisen Kaisha Ltd., TOKYO 105, Japan
ESTU	Estonian Shipping Company, TALLINN, Estonia
ETNU	Eurotainer, 78180 MONTIGNY LE BRETONNEUX, France
ETWU	Eternal Way Ltd. HONG KONG, Hong Kong
EUCU	B & I Line European Container Service, 3195 HD ROTTERDAM, Netherlands
EUPU	Eurotranspool CV, 2140 ANTWERP, Belgium
EURU	Eurotainer, 78180 MONTIGNY LE BRETONNEUX, France
EUVU	Eurovos BV, 5349 AV OSS, Netherlands
EVAU	Eisenbahn Verkehrsmittel A.G., 40237 DUSSELDORF, Germany
EWLU	Europa West-Indië Lijnen BV, 3011 XZ ROTTERDAM, Netherlands
EXCU	S.C.T.T. Société Commerciale de Transports Transatlantiques 75008 PARIS, France
EXFU	EXSIF, 78000 VERSAILLES, France
EZCU	CTC Shipping Sa Panama, 57100 LIVORNO, Italy

## **F**

FAFU	United Baltic Corporation Ltd. LONDON EC3N 4XX, United Kingdom
FALU	Fastline, BEIRUT, Lebanon
FAMU	Frota Amazonica S/A, BELEM, Brazil
FAXU	Fruitair Export Cc., CAPE TOWN, South Africa
FAYU	Gilnavi SRL., 16121 GENOVA, Italy
FBAU	Ahlers Maritime Service NV, 2030 ANTWERP, Belgium
FBIU	Florens Shipping Corporation SA, HONG KONG, Hong Kong
FBLU	Florens Shipping Corporation SA, HONG KONG, Hong Kong
FBZU	Florens Shipping Corporation SA, HONG KONG, Hong Kong
FCNU	F. Lli Canil srl, 31030 BESSICA, Italy
FCRU	Finn carriers OY AB, 00181 HELSINKI, Finland
FELU	H.J.A. Feelders BV, 3035 ER ROTTERDAM, Netherlands
FESU	Far Eastern Shipping Company, VLADIVOSTOK, Russia
FETU	Foret S.a., 08008 BARCELONA, Spain
FFFU	Florens Shipping Corporation SA, HONG KONG, Hong Kong
FFGU	Ferry Freight Limited, DAGENHAM ESSEX RM10 9UD, United Kingdom
FHHU	Freie Und Hansestadt Hamburg Umweltbehörde, 20539 HAMBURG, Germany
FIIU	Freeport Indonesia Inc., JAKARTA 12940, Indonesia
FIMU	Freyssinet International et Cie, 13008 MARSEILLE, France
FLLU	Railfreight Distribution, LONDON W2 6JY, United Kingdom
FLMU	Flamar PVBA, 8380 ZEEBRUGGE, Belgium

FLRU	Merivienti Oy, 00130 HELSINKI 13, Finland
FLXU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA
FMBU	P&O Ferrymasters Ltd. IPSWICH SUFFOLK IP1 5NP, United Kingdom
FMCU	FMC Corporation, PHILADELPHIA 19103, U.S.A.
FMGU	Flota Mercante Grancolombiana, BOGOTA, Colombia
FMRU	Fleet Master Sales Corporation, 1203 GENEVA, Switzerland
FMTU	Frumat, CASABLANCA, Morocco
FOBU	Frota Oceanica Brasileira SA, RIO DE JANEIRO 20081, Brazil
FOLU	Fricon Olmuhle GmbH, 8041 GRAZ, Austria
FOTU	Foodtrans Eurovos BV, 5340 AA OSS, Netherlands
FRAU	Containers Operators SA, 35 SAN ANTONIO, Chile
FRCU	Transcolait, 68312 ILLZACH, France
FREU	Societe Haran Freres Sarl, 97500 SAINT PIERRE ET MIQUELON, France
FRIU	Feast Inc., BOTHELL WA 98011, U.S.A.
FRSU	Florens Shipping Corporation SA, HONG KONG, Hong Kong
FRTU	FTW – Freshtainer Worldwide Ltd., JERSEY JE 24 QB CHANNEL ISLANDS, United Kingdom
FVIU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA
FWIU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
FWLU	Fairweather Steamship Co. Ltd., HONG KONG, Hong Kong
FWLU	Florens Shipping Corporation SA, HONG KONG, Hong Kong

## G

GABU	SONATRAM- Société Nationale de Transports Maritimes, LIBREVILLE, Gabon
GACU	Contenedores de Galicia S.A., 28831 MADRID, Spain
GALU	Société Galex (Gaz Liquéfiés export) 13321 MARSEILLE, France
GANU	Ganges Lines, PORT LOUIS, Mauritius
GASU	Bulkhaul Co Ltd., MIDDELSBROUGH CLEVELAND TS2 1PS, United Kingdom
GAVU	Pellegrini Transporti SRL, 37069 VILLAFRANCA DI VERONA, Italy
GAXU	GAZECHIM s.a., 34504 BEZIERS CEDEX, France
GBEU	Masterlease Ltd., GEORGE TOWN, Cayman Islands
GBIU	Masterlease Ltd., GEORGE TOWN, Cayman Islands
GBLU	Masterlease Ltd., GEORGE TOWN, Cayman Islands
GBOU	Gaboa, LIBREVILLE, Gabon
GBTU	Guido Bernardini Srl, 05100 TERNI, Italy
GCAU	SOLOGAZ, 26203 MONTELMAR, France
GCDU	P&O Containers Ltd, LONDON E1 8EP, United Kingdom

GCEU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA
GCIU	Global Container Lines (Bahamas) Ltd., 11530 NEW YORK, U.S.A.
GCNU	Grimaldi Compagnia Di Navigazione, 80133 NAPOLI, Italy
GCPU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA
GCSU	G.C.S. Containers Service SA. 6830 CHIASSO, Switzerland
GDLU	EDF- Service Controle Matériaux Irradiés, 37420 AVOINE, France
GDSU	GD International, 119034 MOSCOU, Russia
GDTU	Gadot Chemical Terminals Ltd., 61031 TEL AVIV, Israel
GECU	Green Engineering Co. Ltd., 105 TOKYO, Japan
GELU	Gas and Equipment Ltd., ABERDEEN SCOTLAND, United Kingdom
GEMU	Gesco S.r.l., MILANO, Italy
GENU	Gentenaar Transport BV, MOERDIJK 4782 PM, Netherlands
GETU	Tarros S.p.A., 19 100 LA SPECIA, Italy
GFZU	Geomar, 24148 KIEL, Germany
GIAU	Genstar Instantspace Pacific, SINGAPORE 0106, Singapore
GIEU	Genstar Instantspace Europe, 3161 GR RHOON, Netherlands
GINU	Interservice Srl., 16145 GENOVA, Italy
GIPU	Interpool Ltd. PRINCETON NEW JERSEY 08540, USA
GISU	Genstar Instantspace, ATLANTA GA 30328, U.S.A.
GITU	Giezendanner Transport AG, 4852 ROTHRIST, Switzerland
GLBU	Global Container Service und Handel GmbH, 22551 HAMBURG, Germany
GMCU	Container Equipment Leasing Ltd. ISLE OF MAN, United Kingdom
GMEU	Wilhelmsen Lines AS, 1324 LYSAKER, Norway
GMIU	Greensea Maritime Inc. CAPE TOWN, South Africa
GMMU	Calorie, 78534 BUC, France
GNSU	Geest North Sea Line BV, 3008 JC ROTTERDAM, Netherlands
GOFU	Florens Shipping Corporation SA, HONG KONG, Hong Kong
GOJU	Goldfleet Management Ltd., MARLOW BUCKS SI7 1QB, United Kingdom
GOLU	Gulf Orient Lines Ltd. , DUNSTADLE – BEDFORDSHIRE LUG 3BH, United Kingdom
GPLU	MCM Management Control & Maintenance SA, 1211 GENEVE 25, Switzerland
GPRU	Arthur Guinness Son & Co Ltd., LONDON NW10, United Kingdom
GRCU	Gracechurch Container Line Ltd., LIVERPOOL L3 1BZ, United Kingdom
GREU	M.A. Grendi & F.I.O. Trasporti Maritimi Spa, 16149 BOLZANETO – GENOVA, Italy
GRIU	Grimaldi Group, 16121 GENOVA, Italy
GRPU	GRP Trasporti Ferroviari SA, 6830 CHIASSO, Switzerland
GSCU	GESCO Gestion Containers, 13002 MARSEILLE, France
GSEU	CE.ME.RAD., 74100 TARANTO, Italy
GSLU	Zim Israel Navigation Cy as holder on lease, TEL AVIV – P.O.B. 29442, Israel
GSPU	Interpool Ltd. PRINCETON NEW JERSEY 08540, USA
GSTU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA
GSWU	Gerhard Schuetz-Weyrich, 8320 FEHRALTORF, Switzerland
GTSU	GTS German Trading Service, 21031 HAMBURG, Germany
GZTU	Gaztec industries SAL, JDEIDEH, Lebanon

## H

HADU	Hansa Chemie AG, DUISBURG 47055, Germany
HAHU	Florens Shipping Corporation SA, HONG KONG, Hong Kong
HAKU	Container Company Amsterdam BV, 1042 AG AMSTERDAM, Netherlands
HAMU	Contship Containerline Ltd. IPSWICH SUFFOLK IP4 IAX, United Kingdom
HARU	Charente Steamship Co Ltd., LIVERPOOL L2 8 UF, United Kingdom
HASU	Hanse Schiffarhts und Transport GmbH, 28195 BREMEN, Germany
HCDU	Containerdienst Hans Haemmerle GmbH, A-6700 BLUDENZ, Austria
HCOU	Conical Container Industry Consulting, 20097 HAMBURG, Germany
HCTU	Direction du Commissariat de la Marine TOULON NAVAL 83800, France
HDLU	Headway Leasing Limited, 1M1 1JE DOUGLAS ISLE OF MAN, U.K.
HDMU	Hyundai Merchant Marine Co. Ltd., SEOUL, Korea (Rep.of)
HESU	Halliburton Energy Services, DUNCAN OK 73536 – 0347, U.S.A.
HFCU	Spedition Rheinland H. Freund GmbH, 50226 FRECHEN, Germany
HFLU	Shanghai Hai Fu Int. Container Leasing, SHANGHAI, China (Rep. of)
HFTU	Trencor Container Marketing Division, JOHANNESBURG 2010, South Africa
HGSU	HGS Hornig Gefahrgut Service, 22885 BARSBUTTEL, Germany
HHAU	Henri Harsh HH SA, 1227 GENEVE-CAROUGE, Switzerland
HHCU	TASI Tank Silo Transport GmbH & Co KG, 51143 KOLN 50, Germany
HHLU	Hin Hin Management & Holdings PTE Ltd., SINGAPORE 639587, Singapore
HIBU	Hoyer Mulilog, 20537 HAMBURG, Germany
HICU	Haesaerts Intermodal NV, 2870 BREENDONK, Belgium
HIMU	Montell Italia Ltd. 20124 MILANNO, Italy
HJCU	Hanjin Shipping, Korea (Rep. of)
HKTU	Klaeser Internationale Fachspedition und Fahrzeugbau GmbH, 45699 HERTEN, Germany
HLBU	Harp Ireland(1) Ltd., CO LOUTH, Ireland
HLCU	Hapag Lloyd A.G., 20079 HAMBURG, Germany
HLXU	Hapag Lloyd A.G., 20079 HAMBURG, Germany
HMDU	Sté Cottnière du Tchad, “COTONCHAD”, N’DJAMENA, Chad
HMKU	WEC Nederland BV, 3008 PE ROTTERDAM, Netherlands
HMMU	Hyundai Merchant Marine Co. Ltd., SEOUL, Korea (Rep.of)
HMRU	C.M.B. Transport, ANTWERP, Belgium
HNPU	Société Havraise de Conteneurs, 92811 PUTEAUX CEDEX, France
HOEU	Hoescht Aktiengesellschaft Materialwirtschaft, 65926 FRANKFURT/MAIN Germany
HOKU	Hokair Shipping Agency, JOUNIEH, Lebanon
HOSU	Hospal Industrie, 69883 MEYZIEU, France
HOYU	TWS Transportmittel – Vermietung GmbH, 19246 CAMIN, Germany
HRBU	Haesaerts Containers International, MONTE CARLO 98000, Monaco
HSDU	Huis AG, 45772 MARL 1, Germany
HTIU	Hudson Technologies Inc., HILLBURN NEW YORK 10931, U.S.A.
HUKU	Huktra NV, 8380 ZEEBRUGGE, Belgium
HWBU	Hans W. Barbe, 65201 WIESBADEN 13, Germany
HYDU	Amphibious Container Leasing Ltd., FLEET HAMPSHIRE GU13 8UY, U.K.

## I

IAPU	International Arena Productions BV, 3006 BERNE, Switzerland
IATU	Interagent S.p.A.; 16145 GENOA, Italy
IBBU	IBC Ltd., HULL HU9 IND, United Kingdom
IBCU	IBC Ltd., HULL HU9 IND, United Kingdom
IBEU	Ibesca Containerline, 2000 Antwerpen, Belgium
IBTU	IBT Ltd. HULL HUMBERSIDE HU9 IND, United Kingdom
ICHU	Ingetra AG, CH-4051 BASEL, Switzerland
ICLU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
ICNU	ICT Internationale Container Transport GmbH, 41462 NEUSS, Germany
ICSU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
ICUU	Independent Container Line (ICL), RICHMOND VA 23234, U.S.A.
IEAU	Cronos Containers Ltd. WINDSOR BERKS SL4 4RU, United Kingdom
IELU	International Equipment Leasing Inc., LINDEN NEW JERSEY 07036, USA
IFFU	United Transport Container Holdings Ltd., IPSWICH SUFFOLK IP1 3LF, United Kingdom
IFPU	Interocean Lines Limited, HONG KONG, Hong Kong
IFRU	Interfrigo, 4005 BASEL, Switzerland
IJSU	NV Ijsfabriek Strombeek, 1810 STROMBEEK – BEVER, Belgium
IKSU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
ILGU	Interleasing SRL, GENOVA, Italy
ILNU	Inversiones Lord Nelson SA, Sabana – Granda CARACAS, Venezuela
ILTU	International Liquid Transport Company BV, 3011 TA ROTTERDAM, Netherlands
IMDU	Seateq Inc., SAN FRANCISCO CA 94105, USA
IMHU	Handelshaus Hoop & Partnes Est.;, 9491 RUGGELL, Lichtenstein
IMOU	Intermodali NV, 2000 ANTWERP, Belgium
IMPU	Golden Falcon Investment Ltd., DOUGLAS ISLE OF MAN, United Kingdom
IMSU	Immobiliare Stella SRL., 05036 NARNI SCALO (TR) Italy
INBU	Interpool Ltd. PRINCETON NEW JERSEY 08540, USA
INCU	Incotrans BV, 3000 HH ROTTERDAM, Netherlands
INGU	Trifleet Leasing Ltd., 3311 TN DORDRECHT, Netherlands
INKU	Interpool Ltd. PRINCETON NEW JERSEY 08540, USA
INMU	Intermodal Shipping (Cyprus) Ltd., LIMASSOL, Cyprus
INNU	Interpool Ltd. PRINCETON NEW JERSEY 08540, USA
INRU	Intraha GmbH & Co. KG, 4100 DUISBURG, Germany
INSU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA
INTU	Interpool Ltd. PRINCETON NEW JERSEY 08540, USA
IOLU	Textainer Equipment Management BV, SAN FRANCISCO CA 94108, USA
IOSU	Southampton Oceanography Centre, SOUTHAMPTON SOO14 3ZH, United Kingdom
IPSU	Interporto Di Rivalta Scrivia, 15050 ALESSANDRIA, Italy
IRCU	ITEL Terminals Inc., SEATTLE WASHINGTON 98108, U.S.A.
IRNU	Interpool Ltd. PRINCETON NEW JERSEY 08540, USA

IRTU	Isotank Services Ltd., REDCAR CLEVELAND TS 10 5JU, United Kingdom
ISAU	Nordic Bulkera, 403 30 GOTEBOBG, Sweden
ISCU	Rhône Poulenc Chemicals, WATFORD HERTS WD1 1QH, United Kingdom
ISGU	Inchcape Shipping Services, 2030 ANTWERP, Belgium
ISIU	SIT Siciliana Ingegneria dei Trasporti SRL, 20155 MILANO, Italy
ITAU	Italia di Navigazione S.p.A., 16149 GENOVA, Italy
ITCU	Intercontainer, CH 4008 BASEL, Switzerland
ITDU	Intermodaltrasporti SRL, 03013 FERENTINO (FR), Italy
ITFU	Interferry Nv, 2030 ANTWERP, Belgium
ITIU	International Transchem Inc., 1204 GENEVE, Switzerland
ITKU	Intertank Ltda., 20090 RIO DE JANEIRO, Brazil
ITLU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA
ITRU	B & I Line European Container Services, 3000 ND ROTTERDAM, Netherlands
ITZU	Intermodal Systems Inc. 2018 ANTWERP, Belgium
IVAU	Alcatel Cuivre, 69330 MEYZIEU, France
IVLU	Ivarans Rederi A/S, 1324 LYSAKER, Norway
IXWU	Interox Chemicals Ltd., WARRINGTON W 6HB CHESHIRE, United Kingdom
IZJU	Jugokontener, BEOGRAD, Yugoslavia

## J

JARU	Société Industrielle De Sucrierie, 97152 POINTE A PITRE, Guadeloupe
JAYU	Jay Container Services Company Pvt. Ltd., BOMBAY 400 049, India
JBKU	Jack B. Kelley Inc. AMARILLO TX 79121, U.S.A.
JBTU	Jumbo Tankcontainer Transport Group, 3180 AC ROZENBURG, Netherlands
JCBU	JC Bentzen A/S, 2500 VALBY COPENHAGEN, Denmark
JCGU	Textainer Equipment Management BV, SAN FRANCISCO CA 94108, USA
JCSU	M/S INDU Containers Ltd (Gibraltar), DUBAI, United Arab Emirates
JCTU	Textainer Equipment Management BV, SAN FRANCISCO CA 94108, USA
JDTU	Jan Dohmen BV, 6075 CD HERMENBOSCH, Netherlands
JGRU	John G. Russell (Transport) Ltd. LANARKSHIRE G 69 8ES Scotland, United Kingdom
JHCU	Hammelmann Transport GmbH, 59320 ENNIGERLOH, Germany
JLCU	Johnson Line AB, 100 52 STOCKHOLM, Sweden
JLRU	Lauritzen Reefers A/s, 1291 COPENHAGEN, Denmark
JMBU	Panther's Container, 25660 LA VEZE, France
JODU	Jozef Dunstinger Transporte, 4690 SCHWANENSTADT, Austria
JONU	Jonker Veendam BV, 9640 AA VEENDAM, Netherlands
JOZU	S. Jongsma & Zn Holding BV, 1505 HH ZAANDAM, Netherlands
JSCU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA

JSPU	Jadroplov, SPLIT 58000, Croatia
JSSU	The China Navigation Company Ltd, LONDON EC 4R 9 BE, United Kingdom
JUGU	Jugolinija Produzece Za Medjunarodn Pomorski Prijevoz Robe I Putnika RIJEKA 51001, Yugoslavia
JZSU	Zeleznicko Transportno Peduzéce, 71 000 SARAJEVO, Yugoslavia

## K

KAMU	Chamaleon Containers AG Vaduz, 20457 HAMBURG, Germany
KATU	Kato Aromatic S.E.A., CAIRO, Egypt
KBMU	BPO Minudobrenia, BELORECHENSK, Russia
KCDU	Kali Chemie AG, 30010 HANNOVER 1, Germany
KEMU	Kemira OY Polargas, 90101 OULU, Finland
KIMU	Kimbrey & Associates CC, 7405 PINELANDS, South Africa
KKLU	Kawasaki Kisen Kaisha Ltd., TOKYO 105, Japan
KLAU	Directie Kon. Landmacht Afd. Algemene Uitrusting, 2597 PC DEN HAAG, Netherlands
KLFU	Kawasaki Kisen Kaisha Ltd., TOKYO 105, Japan
KLTU	Kawasaki Kisen Kaisha Ltd., TOKYO 105, Japan
KLWU	Kleinwachter GmbH & Co. Kg. 59969 BROMSKIRCHEN, Germany
KLXU	Hans Klaeser Luxemburg GmbH, 7224 WALFERDANGE, Luxembourg
KMCU	Kennecott Greens Greek Mining Co., JUNEAU ALASKA 99803, U.S.A.
KNLU	Nedlloyd Lines, 3000 DH ROTTERDAM, Netherlands
KOBU	Ter Haak Koelbox BV, 1005 AD AMSTERDAM, Netherlands
KOTU	Yapi Kredi Finansal Kiralama A.O. 80080 TEKSIM – ISTANBUL, Turkey
KPBU	PNSL Berhad, 50714 KUALA LUMPUR, Malaysia
KRIU	Syarikat Perkapalan Kris Sdn. Bhd., 47301 PATALING JAYA SELANGOR, Malaysia
KSCU	Hanjin Shipping Co. Ltd. Korea (Rep.of)
KSLU	Kiribati Shipping Services Ltd. BETIO TARAWA, Kiribati
KSTU	Karl Schildecke Transport GmbH, 3430 TULLN, Austria
KUBU	Kube & Kubenz International Speditons Gesellschaft, 20097 HAMBURG, Germany
KVAU	Polar Chart, MURMANSK, Russia
KWCU	Textainer Equipment Management Inc. SAN FRANCISCO CA 94108, U.S.A.
KWRU	Kawar Egypt Shipping Co., PORT SAID, Egypt
KWTU	W. Kobrunner, 4850 TIMELKAM, Austria
KXTU	Kawasaki Kisen Kaisha Ltd., TOKYO 105, Japan
KYBU	Texaco Caribbean Inc. GEORGE TOWN GRAND CAYMAN, Cayman islands

## L

LAIU	IAL Container Line (UK) Limited, DUBAI, United Arab Emirates
LALU	Overseas Container Leasing Ltd. Bahamas c/o Wolfgang Ulrich 20457 HAMBURG 11, Germany
LANU	CATU Containers SA, 1227 CAROUGE-GENEVA, Switzerland
LCEU	FMC Corporation, PHILIDELPHIA PA 19103, U.S.A.
LCKU	Locatank SA, 38320 EYBENS, France
LCRU	Lease Craft BV, 3196 KC ROTTERDAM, Neherlands
LCTU	Locatiner SA, 92080 PARIS LA DEFENCE 2, France
LDZU	Latvijas Dzelzcelsh (E), LV 1807 RIGA, Latvia
LEMU	Hans Lechner Spedition GmbH, 85599 PARSDORF, Germany
LETU	Gilmar Leasing Corporation Ltd. of Valetta-Malta, 11300 LA HABANA, Cuba
LFEU	Latvian Shipping Company, RIGA 1807, Latvia
LFTU	LFT GmbH Internationale Fachspedition, 85764 OBERSCHLEISSHEIM, Germany
LGEU	CATU Containers SA, 1227 CAROUGE-GENEVA, Switzerland
LGKU	Joint Stock Company Lihuanian Railways, VILNIUS, Lithuania
LGVU	S.T.M.I. Agence Ile de France, 91196 GIF SUR YVETTE, France
LHCU	Leif Hoegh & Co A/S, 0203 OSLO, Norway
LHSU	Lian Huat Shipping Co. Pte. Ltd. SINGAPORE 079908, Singapore
LIBU	LIB Leasing, HARTPOOL TS26 9OU, United Kingdom
LIFU	Igorel S.A. Lineas Feeder, 11000 MONTEVIDEO, Uruguay
LILU	Laporte Industries Ltd. WIDNES CHESHIRE, United Kingdom
LINU	Linde AG, 82049 HOLLRIEGELSKREUTH, Germany
LIQU	Liquilease, COLUMBIANA 44408 OHIO, U.S.A.
LITU	Liral Trading international, 9490 VADUZ, Lichtenstein
LLEU	Lailon Container Leasing Ltd., WANCHAI, Hong Kong
LLSU	Lilley Constuction Ltd. GLASGOW G21 2QX, United Kingdom
LMCU	Ignazio Messina and Co S.p.A., 16121 GENOVA, Italy
LNGU	Al Langen BV Internationale Transporten, 6160 AB GELEEN, Netherlands
LONU	Lonza Ltd. 4002 BASEL, Switzerland
LORU	Renzior Securities Corp., Avenida Justo Arosemana y calle 32 Este, Panama
LOSU	Langg & stelman A/S 8260 VIBY, Denmark
LOWU	MCM Management Control & Maintenance SA, 1211 GENEVE 25, Switzerland
LPIU	Cronos Containers Ltd., WINDSOR BERKS SL4 4RU, United Kingdom
LPRU	Losinjska Plovidba Brodarstvo, 51000 RIJEKA, Croatia
LSCU	Lorenzo Shipping Corp. METRO MANILA, Philippines
LSEU	One Way Lease Inc. SAN FRANCISCO CA 94127, U.S.A.
LSIU	LS Intertank APS, 8381 MUNDELSTRUP, Denmark
LTIU	Lloyd Triestino di Navigazione, 34121 TRIESTE, Italy
LULU	Overseas Container Leasing Ltd. Bahamas c/o Wolfgang Ulrich 20457 HAMBURG 11, Germany
LUPU	Atochem Deutschland GmbH, 89312 GUNZBURG, Germany

LVSU Leavesley Container Services, BURTON-ON-TRENT, United Kingdom  
 LYKU Lykes Bros Steamship Co. Inc., 70130 LOUISIANA, U.S.A  
 LYSU Lys-Line A/S, N-0277 OSLO, Norway  
 LYTU Lykes Bros Steamship Co. Inc., 70130 NEW ORLEANS, U.S.A

## M

MADU Magnum Speditiongesellschaft mbH, 22113 HAMBURG 74, Germany  
 MAEJ A.P. Moller, 1098 COPENHAGEN, Denmark  
 MAEU A.P. Moller Maersk, 1098 COPENHAGEN, Denmark  
 MAEZ A.P. Moller, 1098 COPENHAGEN, Denmark  
 MAGU Magellan Container Services GmbH, 20457 HAMBURG, Germany  
 MAJU Malaysian International Shipping Corp. Berhad, KUALA LUMPUR 0409  
 Malaysia  
 MANU Maritainer, 78100 SAINT GERMAIN EN LAYE, France  
 MAXU Textainer Equipment Management BV, SAN FRANCISCO CA 94108, USA  
 MBCU Business Centre "Mangistau", 466 200 AKTAU, Kazakhstan  
 MBOU Mobilox GmbH, 20457 HAMBURG 11, Germany  
 MCLU Maritime Container Leasing S.A., 1211 GENEVE 24/ACACIAS, Switzerland  
 MCMU Management Control & Maintenance SA, 1211 GENEVE 25, Switzerland  
 MCTU Maintainer (S) Pte. Ltd., SINGAPORE 2263, Singapore  
 MCUU Maritime Containertrading BVBA, 2930 BRASSCHAAT, Belgium  
 MCWU Mercadafrica Lda., LISBON 1700, Portugal  
 MECU Melfi Marine Corp. HABANA VIEJA, Cuba  
 MEFU Med Faith SA, PIRAEUS 185 38, Greece  
 MEMU Melkweg Muller Combinatie BV, 8017 BE ZWOLLE, Netherlands  
 MERU C.N.M. Compagnia di Navigazione Merzario S.R.L., 21304 MILANO MI, Italy  
 MEVU Morcon BV, 3089 JL ROTTERDAM, Netherlands  
 MFRU Marfret, 13002 MARSEILLE, France  
 MFTU Marfret, 13002 MARSEILLE, France  
 MGAU Interporto di Arquata Scrivia Magazinni Generali Terminal Containers SPA  
 15061 ARQUATA SCRIVIA, Italy  
 MGIU Chamaleon Containers AG, 20457 HAMBURG, Germany  
 MGSU Margvisa Shipping Company, MALABO, Equatorial Guinea  
 MGTU Florens Shipping Corporation S.A., HONG KONG, Hong Kong  
 MIRU Rolan Ltd., 31002 HAIFA, Israel  
 MISU Malaysian International Shipping Corp. Berhad, KUALA LUMPUR 0409  
 Malaysia  
 MITU Force V, 18535 PIRAEUS, Greece  
 MIXU Vapores Suardiaz SA, 28001 MADRID, Spain  
 MJVU Joint Ventures Mixed Company Tem, 103009 MOSCOW, Rusia  
 MKOU Metin Akdurak Ltd., IZMIR, Turkey

MKRU	Transpetrol Srl., 29100 PIACENZA, Italy
MKSU	Martin Knoll, 5061 ELSBETHEN, Austria
MLCU	XTRA International Ltd., SAN FRANCISCO CA 94111, U.S.A.
MLIU	Associated International Finance Corp., TAIPEI 100, Taiwan
MLKU	Matlacic Leasing Corporation, WILNINGTON DELAWARE 19899, U.S.A.
MLSU	Miller Intermodal Logistics Services Inc. JACKSON-MISSISSIPPI 39215 – 1123 USA
MLXU	Maras Linija LV, 1090 RIGA, Latvia
MMCU	Compagnie Générale Maritime, 92150 SURESNES, France
MMDU	Creamery Corporation/DBA Matanuska, ANCHORAGE AK 99503-3791, USA
MMGU	Concorde Container Line Ltd., KARACHI 74400, Pakistan
MMPU	Murmansk Shipping Company, MURMANSK, Russia
MMVU	Multi Modal International BV, 5466 AC VEGHEL, Netherlands
MNFU	Monfer Spa., 12100 CUNEO, Italy
MNLU	Malaysian International Shipping Corp. Berhad, KUALA LUMPUR 0409 Malaysia
MOCU	MACS Maritime Carrier Shipping GmbH & Co., 20549 HAMBURG 11, Germany
MOGU	Mitsui OSK Lines Ltd., 105-91 TOKYO, Japan
MOHU	Motor Oil (Hellas) Corinth Refineries SA, CORINTH, Greece
MOLU	Mitsui OSK Lines Ltd., 105-91 TOKYO, Japan
MOMU	Montemar SA, MONTEVIDEO, Uruguay
MOXU	Malaysian Oxygen Berhad, 50720 KUALA LUMPUR, Malaysia
MRBU	Deutsche Forschungs & Versuchsanstalt für Luft & Raumfahrt e. V. 8031 OBERPFAFFENHOFFEN Post Wessling/Obb, Germany
MRKU	Marc Shipping & Trading S.A. (Liberia), 185 31 PIRAEUS, Liberia
MRMU	Consani Engineering, ELSIES RIVER 7480, South Africa
MRMU	Mermaid Containers Ltd., JERSEY JE4 8YJ, United Kingdom
MRZU	Marenzana Transporti, 15067 NOVI LIGURE (AL) Italy
MSCU	MSC-Mediterranean Shipping Company SA, GENEVA 1206, Switzerland
MSHU	Malaysia Shipping Corporation Sentirian Berhad, 55100 KUALA LUMPUR, Malaysia
MSKU	A.P. Moller, 1098 COPENHAGEN, Denmark
MSMU	Norpol Marine Inc., United Arab Emirates
MSRU	Marine Sales SRL, 16123 GENOVA, Italy
MTEU	Monsanto Europe SA, 1000 BRUSSELS, Belgium
MTIU	Miller Transporters Inc., JACKSON MISSISSIPPI 39215-1123, U.S.A.
MTOU	Metano Container Ltd. RAMSEY IM7 ZEH ISLE OF MAN, United Kingdom
MTPU	Metrans Joint Stock Co., 10400 PRAHA 10-UHRINEVES, Czech. Rep.
MTSU	Interpool Ltd. PRINCETON NEW JERSEY 08540, USA
MTVU	Containers MTV, 16128 GENOVA, Italy
MTYU	Interpool Ltd. PRINCETON NEW JERSEY 08540, USA
MTZU	Mongolian Railway, ULAANBAATAR, Mongolia
MUMU	Multimodal Transport Equipment GmbH, 60388 FRANKFURT, Germany
MUTU	Mutualista Aoreana SARL, 1100 LISBOA, Portugal
MZSU	Macedonian Railways, SKOPJE 91000, Yugoslavia

## N

NABU	ECST Container Services, 21217 SEEVETAL – BULLENHAUSEN, Germany
NACU	Navigazione Alga, 30015 CHIOGGIA VENICE, Italy
NATU	Nacco SA, 75008 PARIS, France
NBCU	Nadelar Business Corporation, TORTOLA, Virgin Islands (British)
NCBU	Northbrook Container Leasing, 60005 ARLINGTON HEIGHTS, U.S.A.
NCCU	Nippon Concept Co-Ltd., TOKYO 104, Japan
NCOU	Somicor- Sociedade Mineira de Neves, 7780 CASTRO VERDE, Portugal
NCPU	Navicon S.A., 28002 MADRID, Spain
NCTU	Northbrook Container Leasing, 60005 ARLINGTON HEIGHTS, U.S.A.
NCXU	Nor-Cargo A/S, 7005 TRONDHEIM, Norway
NDLU	Nedlloyd Lines, 3000 DH ROTTERDAM, Netherlands
NECU	NAT Shipping Bagging Services Ltd., RAMFORD ESSEX RM3 8VD, U.K
NEPU	Neptune Orient Lines Ltd., SINGAPORE 0511, Singapore
NESU	Borealis Polyeten AB, 444 86 STENUNGSUND, Sweden
NEVU	Consent Equipment AB, S-40040 GOTENBURG, Sweden
NGOU	Natural Gas Odorizing Inc. BAYTOWN 77522-1429, U.S.A.
NHIU	Hydrogas Norge AS, 0915 OSLO, Norway
NIQU	Nuuk Imeq, 3900 NUUK, Greenland
NIRU	Nirint Shipping BV, 4782 PW MOERDIJK, Netherlands
NKLU	Northern Lights Shipping SA, 188531 PIRAEUS, Greece
NKNU	Niznekamsk Neftechimexport, NIZNEKAMSK, Russia
NLDU	Nexus Logistics Ltd. NORTWICH CHESHIRE CW9 7TN, United Kingdom
NLRU	Yugcontainer, NOVOROSSIYSK 353900, Russia
NLSU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A
NMBU	Navigation Maritime Bulgare, 9000 VARNA, Bulgaria
NMCU	NA.MA.CO. SRL, 48010 S. MICHELE RAVENNA, Italy
NMKU	PO Norilskrab, 663316 NORILSK, Russia
NOAU	Haerens Forsymings Kommando (Norwegian Army Material Command) 0018 OSLO, Norway
NOBU	Nordic Bulklers, 403 30 GOTEBOG, Sweden
NODU	Nordana Line AS, 2960 RUNGSTED KYST, Denmark
NOKU	Novoktan GmbH, Mineralol-Additive, 14727 DOBERITZ, Germany
NOLU	Neptune Orient Lines Ltd., SINGAPORE 0511, Singapore
NOSU	Neptune Orient Lines Ltd., SINGAPORE 0511, Singapore
NPIU	Natvar Parikh Industries Ltd., 400009 BOMBAY, India
NPRU	NPR, EDISON NJ 08818, U.S.A.
NPSU	Nigel Parkes Ltd., HOUNSLOW TW4 6NW, United Kingdom
NRCU	Nedlloyd Road Cargo BV, 4782 PM MOERDIJK, Netherlands
NRIU	National Refrigerants Inc., RADNOR PENNSYLVANIA 19087, U.S.A.
NRJU	Brocontra BVBA, 2390 WESTMALLE, Belgium
NRSU	Nippon Riku-un Sangyo Co. Ltd., TOKYO 102, Japan
NSAU	The National Shipping Compagny of Saudi Arabia, RIYADH 11492, Saudi Arabia

NSBU	Norges Statsbaner, OSLO 1, Norway
NSCU	Northern Shipping, 163061 ARKHANGELSK, Russia
NSLU	Norasia Services (HGK) Ltd. HONG KONG, Hong Kong
NSNU	Nam Sung Shipping Co Ltd. 100-220 SEOUL, Korea (Rep.of)
NSRU	Nam Sung Shipping Co Ltd. 100-220 SEOUL, Korea (Rep.of)
NSSU	Nam Sung Shipping Co Ltd. 100-220 SEOUL, Korea (Rep.of)
NTCU	Nan Tai Ling Co. Ltd., TAIPEI, Taiwan
NTLU	Navimport SA, 35008 LAS PALMAS GRAN CANARIA, Spain
NTMU	Nederlandse Tanktrailerhuur Mij.BV, 3771 BARNEVELD, Netherlands
NUIU	Triton Container International Ltd., SAN FRANCISCO CA 94111, U.S.A.
NULU	Naviera Universal S.A., 100 LIMA, Peru
NUNU	Nigerian Unity Line, LAGOS/APAPA, Nigeria
NUSU	Neptune Orient Lines Ltd., SINGAPORE 0511, Singapore
NVRU	GATX Envirolease Corporation, MORRISTOWN NJ 07960, U.S.A.
NWMU	Nederlandse Wegtanker Maatschappij BV, 1420 UITHOORN, Netherlands
NYAU	NYK Line, 100-91 TOKYO, Japan
NYBA	NYK Line, 100-91 TOKYO, Japan
NYKU	NYK Line, 100-91 TOKYO, Japan
NZCU	P&O Containers Ltd, LONDON E1 8EP, United Kingdom
NZSU	P&O Containers Ltd, LONDON E1 8EP, United Kingdom

## O

OATU	Orey Antunes transportes e Navegação Limitada, 1200 LISBOA, Portugal
OCCU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A
OCIU	Chemprox Chimie Inc., MONTREAL – QUEBEC H3A 1H8, Canada
OCLU	P&O Containers Ltd, LONDON E1 8EP, United Kingdom
OCPU	P&O Containers Ltd, LONDON E1 8EP, United Kingdom
OCSU	P&O Containers Ltd, LONDON E1 8EP, United Kingdom
OEBU	Osterreichische Bundesbahnen, 010 WIEN, Austria
OILU	Torre srl., 16040 CALVARI, Italy
OMEU	Odom Maritime Enterprises, ASTORIA OREGON 97103, U.S.A.
OMMU	M/S Ornate Multimodal Carriers Pvt Ltd., 400038 MUNBAI, India
OOLU	Orient Overseas Container Services, WANCHAI HONG KONG, Hong Kong
OPDU	Oldenburg-Portugiesische Dampfschiffs-Rederei GmbH, 20459 HAMBURG 11, Germany
OSSU	Ossborn BV., 5349 AV OSS, Netherlands
OTAU	OT Africa Line Ltd., GRAND CAYMAN, Cayman Islands
OTEU	Consent Equipment AB, S-40040 GOTENBURG, Sweden
OTSU	Otsuka Chemical Co. Ltd., 540 OSAKA, Japan
OWFU	Zim Israel Navigation Company Ltd., HAIFA, Israel
OWHU	OY Hacklin Ltd., 28101 PORI, Finland
OXCX	Occidental Chemical Corporation, TONAWANDA NY 14150, U.S.A.

## P

PAGU	Paganella S.P.A., MANTOVA, Italy
PAHU	Port Autonome du Havre, 76067 LE HAVRE cedex, France
PANU	Pan Gas, 6002 LUZERN, Switzerland
PASU	PT Panagra Sentana Gas Indonesia, JAKARTA 12790, Indonesia
PASU	Cryolor, 57365 ENNERY, France
PBCU	Puritan Bennett Corporation, LENEXA KANSAS 66215, USA
PCDU	ICTC NV, 2000 ANTWERP, Belgium
PCHU	Polymir, 211440 NOVOPOLOTSK, Russia
PCIU	Pacific International Lines (Pte) Ltd., SINGAPORE 069540, Singapore
PCJU	Puma Containers (Jersey) Ltd., ST SAVIOUR-JERSEY CI, United Kingdom
PCMU	Peroxid Chemie GmbH, 81249 PULLACH, Germany
PCRU	Pro Line Ltd. & Co., 20095 HAMBURG 1, Germany
PCVU	Peacock Tankcontainers, 3016 CM ROTTERDAM, Netherlands
PDNU	Promotora de Navegacion SA, PANAMA ZONE 7, Panama
PDQU	Tilcon Freight NV, 2000 ANTWERP, Belgium
PEIU	Polimeri Europa AN Enichem/ Union Carbide Venture, 20124 MILANO, Italy
PELU	Sarlis Container Line Inc., 183 38 PIRAEUS, Greece
PEMU	Baneuropa Cooperativa Agricola CRL, 9000 FUNCHAL, Portugal
PERU	Masterlease Ltd., GEORGE TOWN, Cayman Islands
PFDU	Paulat Speditiongesellschaft Mbh, 60326 FRANKFURT MAIN, Germany
PFLU	Pacific Forum line, APIA, Samoa (indep. State of)
PGBU	Pergan GmbH, 46395 BOCHOLT, Germany
PGCU	Paul Gunther Logistic + Leasing GmbH, 20457 HAMBURG, Germany
PIKU	Pikari Trading Cc, DURBANVILLE CAPE 7550, South Africa
PILU	Pacific International Lines (Pte) Ltd., SINGAPORE 069540, Singapore
PLCU	Autotransport Pigliacelli spa., 03029 VEROLI, Italy
PLFU	Société Parlefer, 75005 PARIS, France
PLGU	Trans Caribe, MILFORD NJ 08848, U.S.A.
PLMU	PLM International Inc., SAN FRANCISCO CA 94111, U.S.A.
PLOU	Polyol Chemicals PTY Ltd., UMBOGIRIWINI 4120 –NATAL, South Africa
PLVU	Contship Containerline Ltd. IPSWICH SUFFOLK IP4 IAX, United Kingdom
PMEU	Trans Lease Agencies Pte Ltd. c/o Premier Container Leasing Ltd. 089053 SINGAPORE, Singapore
PNCU	PNSL Berhad, 50714 KUALA LUMPUR, Malaysia
PNHU	Speedie lube of Hawaii Inc., LIHUE 96766 HAWAI, U;S;A;
PNXU	PNSL Berhad, 50714 KUALA LUMPUR, Malaysia
POCU	P&O Containers Ltd, LONDON E1 8EP, United Kingdom
POLU	Polish Ocean Lines and Polcontainer, GDYNIA, Poland
PPGU	PPG Industries Inc., PITTSBURGH PA 15272, U.S.A
PRMU	Puerto Rico Management Inc., EDISON NEW JERSEY 08818, U.S.A.
PRRU	P&R Rentals BV, 3089 KC ROTTERDAM, Netherlands
PRSU	Prime Source Holdings Ltd., BURLINGAME CA 94010, U.S.A.
PRTU	Portline – Transportes Maritimos, 1600 LISBOA, Portugal

PSBU	Contship UK Ltd., IPSWICH SUFFOLK IP4 IAX, United Kingdom
PSCU	Schouten Container Service Bv, 4780 AB MOERDIJK, Netherlands
PSLU	PSL Progenitive Service Ltd., ABERDEEN AB1 4YB, United Kingdom
PSMU	Les Organisations Charles Michaelis, 92100 BOULONGE, france
PSNU	Hamburg Sudamerikanische Dampfschiffahrts Gesellschaft, 20457 HAMBURG 11, Germany
PTBU	Protank Benelux BV., 4780 AB MOERDIJK, Netherlands
PTIU	Pauwels Trafo Ltd. CAVANTOWN, Ireland
PTRU	Petrolite Corporation, SAINT LOUIS MISSOURI 63119-1697, U.S.A.
PVZU	CSKD Intrans, 130 00 PRAHA 3, Czech Rep.
PWCU	Portwal – Transportes Maritimos Portugal Africa Lda., 1200 LISBOA, Portugal
PXCU	Kawasaki Kisen Kaisha Ltd., TOKYO 105, Japan

## Q

QIBU	Qatar Islamic Bank, DOHA, Qatar
QNLU	United Arab Shipping Company S.A.G., DUBAI, United Arab Emirates
QNNU	Qatar National Navigation & Transport Company Ltd. DOHA, Qatar

## R

RACU	Rasimelli & Coletti Spa., 06080 PERUGIA, Italy
RALU	Royal Arctic Line a/s, 3900 NUUK, Greenland
RBSU	Pacific International Lines (Pte) Ltd., SINGAPORE 069540, Singapore
RBZU	RBZ NV., 8380 ZEEBRUGGE, Belgium
RCBU	Rep. Containers S.A., 08004 BARCELONA, Spain
RCIU	Romana Chilici SPA, 03012 ANAGI (FR), Italy
RCJU	Rum Company (Jamaica) Ltd., KINGSTON 11, jamaica
RCMU	Recomar S.A., 28002 MADRID, SPAIN
RCPU	Ravestein Container Pontoons BV, 6669 MB DODEWAARD, Netherlands
RCTU	Ministry of Defence HQ QMG, ANDOVER – HANTS SP11 8HT, United kingdom
RDHU	Riedel De Haen AG, 30926 SEELZE, Germany
RDLU	Rodella Tasporti Srl., 46042 CASTELGOFFREDO (MN) Italy
RECU	Reilly Industries Inc. INDIANAPOLIS IN 46241, U.S.A.
REDU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
REFU	Reftrae BV., 3088 KA ROTTERDAM, Netherlands
REGU	Regional Container Lines (Pte) Ltd., SINGAPORE 0208, Singapore
REHU	R.E.H. Holdings Ltd. 9490 VADUZ, Liechtenstein
RELU	Refrigerated Express Lines (A'SIA) Pty. Ltd., SYDNEY 2000, Australia

REXU	Rexwal SA, 1211 GENEVE 26, Switzerland
RFDU	Railfreight Distribution, LONDON W2 6JY, United Kingdom
RFLU	Refrigerated Freight Lines Ltd. AUCKLAND, New Zealand
RFPU	Railfreight Distribution, LONDON W2 6JY, United Kingdom
RGFU	Forasol, 78 VELIZY VILLACOUBLAY, France
RICU	Rinnen GmbH, 47410 MOERS, Germany
RIEU	Riela Francesco, 95045 MISTERBIANCO, Italy
RIGU	Gianfranco Righi s.r.l., 40010 BENTIVOGLIO/BOLOGNA, Italy
RINU	Rigi Container AG, CH 6332 HAGENDORN, Switzerland
RISU	Gianfranco Righi s.r.l., 40010 BENTIVOGLIO/BOLOGNA, Italy
RKLU	Rentokil Ltd., LIVERPOOL L33 7SR, United Kingdom
RKMU	Tarasconi Trasporti S.R.L., 29100 PIACENZA, Italy
RLCU	Defence transport and Movements Executieve ANDOVER HANTS SP11 8HT, United Kingdom
RMAU	Wiencont Containerterminal GmbH, 1020 WIEN, Austria
RMDU	Seereederei Baco-Liner GmbH, 47119 DUISBURG 13, Germany
RMLU	Hamburg Sudamerikanische Dampfschiffahrts Gesellschaft, 20457 HAMBURG 11, Germany
ROCU	Röhlig & Co, 28195 BREMEN, Germany
ROIU	Rivoira SPA, 10100 TORINO, Italy
ROWU	Royal Xagon sarl, 92000 NANTERRE, France
ROXU	EMCO Marine Ltd. ASHDOD, Israel
ROYU	Nedlloyd Lines, 3000 DH ROTTERDAM, Netherlands
RPAU	R.P.A. Port Ltd. HAIFA 33031, Israel
RPGU	CEAT Financial Services Limited, BOMBAY, India
RPIU	Rhone Poulenc Inc. SHELTON CT 06484, U.S.A.
RPRU	Rhône Poulec Chimie, 92408 COURBEVOIE, France
RRIU	Triton Container International Ltd, SAN FRANCISCO CA 94111, U.S.A.
RSPU	RS Railsped SA, 1201 GENEVE, Switzerland
RTCU	OY Railtrans Ltd. 00180 HELSINKI, Finland
RTSU	Rent Tank A.G., 4002 BASEL, Switzerland
RVSU	Natural Environmental Research Council, SOUTHAMPTON S0143 ZH, United Kingdom
RYCU	De Rijcke Vloeistoftransport BV, 3200 AA SPIJKENISSE, Netherlands
RZDU	MPS RFF, 107174 MOSCOW, Russia

## **S**

SACU	Wilhelmsen Lines AS, 1324 LYSAKER, Norway
SAEU	Soci�te Auxiliaire d' �nergie, 75008 PARIS, France
SAIU	Star Trasporti Internazionali S.p.A., 20089 ROZZANO, Italy
SAMU	South African Marine Corp.Ltd, South Afrika

SANU	Samskip, 104 REYKJAVIK, Iceland
SAOU	Defense Technology And Procurement Agency, 3000 BERNE 25, Switzerland
SAPU	Sappco-Texaco Insulation Products Co. Ltd., RIYADH 11499, Saudi Arabia
SARU	South African Railway & Harbours, JOHANNESBURG 2000, South Africa
SATU	Saima Avandero SPA, 13051 BIELLA, Italy
SAXU	Florens Shipping Corporation SA, HONG KONG, Hong Kong
SBBU	Swiss Federal Railways, 3030 BERNE, Switzerland
SBIU	Shahi Shipping Limited, 400009 BOMBAY, India
SBLU	Seereederei Baco-Liner GmbH, 47119 DUISBURG, Germany
SBOU	Société Bourbonnaise de Navigation, 97420 LE PORT REUNION, Reunion
SBTU	Scandinavian Bulk Transport APS, 2800 LYNGBY, Denmark
SCAU	SCA Transforest, 851 23 SUNDSWALL, Sweden
SCBU	Sté. Nationale des Chemins de Fer Belges SNCB, 1000-BRUXELLES, Belgium
SCCU	Scadoa, 92081 PARIS LA DEFENCE, France
SCDU	Sea Containers Australia Ltd., SYDNEY New South Wales, Australia
SCEU	Sea Containers Iberia SA, 28014 MADRID, Spain
SCFU	SNCF- Société Nationale des Chemins de Fer Français, 75009 PARIS, France
SCIU	Sea Containers Inc., 10048 NEW YORK, U.S.A.
SCKU	Sea Containers Pacific Ltd., HONG KONG, Hong Kong
SCLU	Sea Containers House Ltd, LONDON SE1, United Kingdom
SCPU	Seaco Pacific Ltd, HONG KONG, Hong Kong
SCRU	Société Chimique Roche, F-68305 ST-LOUIS CEDEX, France
SCVU	Sea Containers Ltd., HAMILTON 5, Bermuda
SCWU	Sea Containers Italia SPA, 20121 MILAN, Italy
SCXU	Sea Containers Atlantic Ltd., HAMILTON 5-24, Bermuda
SCYU	Sea Containers Inc., 10048 NEW YORK, U.S.A.
SCZU	Sea Containers Ltd., HAMILTON, Bermuda
SDMU	Shandong Province Marine Shipping Co. QINGDAO, China (People Rep. of)
SEAU	Sea Land Service Inc. CHARLOTTE NC 28209, USA
SEDU	Schenker Eurogargo, 53879 EUSKIRCHEN, Germany
SEIU	Shandong Economitrade International Transportation Corp. QINGDAO, China (People Rep.of)
SEMU	Semat, 28023 ARAVACA (MADRID), Spain
SENU	DSR Senator Lines GmbH, 28195 BREMEN, Germany
SEOU	Seorgi State Establishment of Oil Refining& Gas Industry, BAGDAD, Iraq
SEPU	Ausiliare SPA, 20123 MILANO, Italy
SETU	SETRI, 26702 PIERRELATTE, France
SEVU	Sevel SpA - Societa Europa Veicoli Leggeri, 66041 ATESSA (Chieti), Italy
SFAU	Scansped Equipment AB, 412 97 GOTEBORG, Sweden
SFCU	SCC-Six-in-One Containers Company S.A., 1201 GENEVA, Switzerland
SFSU	Dole Fresh Fruit International Ltd., MIAMI FL 33102-5216, U.S.A.
SGCU	Se.Tra. Con. Ltd., DUBLIN 2, Ireland
SGOU	Siam Cargo Containers Co. Ltd., 24130 CHA CHOENG SAO, Thailand
SGPU	Genshipping Corporation – Monrovia Liberia, PORTOROZ, Yugoslavia
SGTU	Sogetra, 26203 MONTELMAR cedex, France

SHHU	Sloman Neptune Shiffahrts AG, 28195 BREMEN 1, Germany
SHKU	Bootlecontainers Ltd., MERSEYSIDE L20 8BH, United Kingdom
SHLU	Smith Holland BV, 3208 KG SPIJKENISSE, Netherlands
SHSU	St. Helena Line Ltd., PORTHLEVEN/HELSTON CORNWALL TR13 9JA, United Kingdom
SHWU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
SHXU	Shanghai Haixing Shippint Co. Ltd., SHANGAI, China (People Rep. of)
SIBU	GE Simons International Transport 5080 AB HILVARENBEK, Netherlands
SICU	S.I.A.C. S.p.A., Societa Italiana Additivi per Carburanti, MILANO 20121, Italy
SIEU	SISAS S.p.A., MILANO, Italy
SIHU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
SIIU	Shipping Corporation of India, 400021 BOMBAY, India
SIJU	Lian Huat Shipping Co.(Pte) Ltd., SINGAPORE 0207, Singapore
SIJU	Lian Huat Shipping Co. Pte Ltd., SINGAPORE 079908, Singapore
SIKU	Pt Masaji Tatanan Container (MTcon), JAKARTA 14110, Indonesia
SIMU	Simotra, 75017 PARIS, France
SIOU	AROS Line AB, 72103 VASTERAS, Sweden
SISU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
SIUU	Sius di Navigazione S.R.L., 16149 GENOVA, Italy
SIVU	Sivomar, B.P. 1395 ABIDJAN, Ivory Coast
SJIU	Sodial –CI, Abidjan 01, Ivory Coast
SKKU	Intrans A.S., 01236 ZILINA, Slovakia
SKOU	Sea Skorpion LLC. European Branch, 6900 LUGANO, Switzerland
SLBU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
SLCU	CATU Container SA, 1227 CAROUGE/GENEVE, Switzerland
SLFU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
SLHU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
SLMU	Touax S.A., 75006 Paris, France
SLOU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
SLRU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
SLSU	Shaw Lovell & Sons Ltd., FELIXSTOWE SUFFOLK, United Kingdom
SLTU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
SLVU	Solvay Portugal Productos Quimicos, 2626 POVOA DE SANTA IRIA, Portugal
SMAU	Ausimont S.p.A. – Montedison Intermedi e Ausiliari Chimici per l’Industria S.p.A., MILA 20155 Italy
SMMU	Secil Maritima U.E.E., LUANDA, Angola
SMMU	African Services DK A/S, 1302 COPENHAGEN K, Denmark
SMRU	Société de Maintenance et Réparation de Container (SO.Ma.Re) 34200 SETE, France
SMTU	Sté. Malgache de Transports Maritimes, TAAANANARIVE, Madagascar
SNCU	International Container Lease Inc., BEIJING 100873 China (People Rep.of)
SNIU	Stolt Tank Containers Leasing Ltd. , HAMILTON HM 11, Bermuda
SNJU	International Container Lease Inc. BEIJING, China (People Rep.of)
SNMU	Maroc maritime Line S.A., Casablanca, Morocco

SNSU	Sloman Neptune Shiffahrts AG, 28195 BREMEN 1, Germany
SNWU	Société Nationale de Wagons Réservoirs, 75005 PARIS, France
SOCU	Italliana Containers SRL, 16152 GENOVA, Italy
SOLU	Solitrans sprl, 4940 TROOZ, Belgium
SOMU	Somal, 97285 LE LARENTIN, France
SONU	SO.NA.M. Srl., 34147 TRIESTE, Italy
SORU	SOCOTRAM, POINTE NOIRE, Congo
SOTU	V/f Soyuztransit, 121200 MOSCOW, Russia
SPAU	STIROL Gorlowskov divisional 10, GORLOVSKA, Ukraine
SPBU	Schering Plough(Brinny) Co. CO CORK, Ireland
SPCU	Pacific Container Lease PTY Ltd., FORTSCRAY 3011 VICTORIA, Australia
SPDU	Spedcont, 91 334 LODZ, Poland
SPFU	South Pacific Shipping Ltd. CHRISTCHURCH, New Zealand
SPIU	Transportgruppen International A/S, DK 2605 BRONBY, Denmark
SPNU	PT Salam Pacific Indonesia Lines, 60161 SURABAYA, Indonesia
SPOU	Spolana a.s. Neratovice 277 11 NERATOVICE, Czech Rep.
SPPU	Splosna Plovba Piran, PORTOROZ, Yugoslavia
SPRU	Spinelli SRL 161152 GENOVA CORNIGLIANO, Italy
SQBU	Eres NV., 2000 ANTWERP, Belgium
SRAU	S.R.A. Savac, 69516 VAULX EN VELIN, France
SRCU	Nordic Bulkera, 403 30 GOTEBOG, Sweden
SRIU	Ceylon Shipping Corporation, Sri Lanka
SRNU	S.T.A.R. Nederland BV, 2984 AX RIDDERKERK, Netherlands
SRTU	Se.Tra. S. Srl, 05036 NARNI SCALO (TR) Italy
SSIU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA
SSMU	Shreyas Shipping Services (M) Sda-Bhd, Petaling Jaya SELANGOR, Malaysia
SSOU	Sasol Alpha Olefins 2000 JOHANNESBURG, South Africa
SSSU	Southeastern Agency Inc. Miami FL 33155 U.S.A.
STAU	Star Shipping AS, N-5001 BERGEN, Norway
STEU	Steinecker-containerhandel, 63452 HANAU/MAIN, Germany
STLU	Shipping Trading & Lighterage Company (Stalco) LLC., DUBAI United Arab Emirates
STMU	Setramar Navigazione SPA, 544 RAVENNA, Italy
STTU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
STXU	Reefer Express Limited, 10110 BANGKOK, Thailand
SUBU	Direction du Commissariat de la Marine, TOULON NAVAL 83800, France
SUCU	Succes Oil & Gasfield Services BV., 1951 AH VELSEN-NOORD, Netherlands
SUDU	Hamburg Sudamerikanische Dampfschiffahrts Gesellschaft, 20457 HAMBURG 11, Germany
SUIU	Sunstar International NV, CURACAO, Netherlands Antilles
SUNU	Suntory Ltd. TOKYO, Japan
SUPU	Superreefer Company Ltd. 1211 GENEVA 4, Switzerland
SUTU	Suttons International Ltd. St. HELENS WA9 5BG, United Kingdom
SVCU	Savec Sarl, 76063 LE HAVRE CEDEX, France

SVIU	Sun Vast Ltd. WAN CHAI, Hong Kong
SVTU	Vsesojuznoje Objedinenie Sojuzvneshtrans, MOSCOW 121200 Russia
SVWU	CHS Container Handel GmbH, 28239 Bremen, Germany
SWAU	West Australian Coastal Shipping, FREMANTLE WEST AUSTRALIA 6160, Australia
SWCU	Sungwoo Shipping Co Ltd., 100-080 SEOUL, Korea (Rep.of)
SWIU	Italia di Navigazione S.p.A., 16149 GENOVA, Italy
SWLU	United Transport Container Holdings Ltd., IPSWICH SUFFOLK IP1 3LF, United Kingdom
SWNU	Transnamib Ltd. WINDHOEK 9000 Namibia
SYHU	Fairbreeze Shipping Co. Ltd., HONG KONG, Hong Kong
SYLU	Shinline Sdr BHD, 98008 MIRI SARAWAK, Malaysia
SYNU	Ao Syntez, DZERGHINSK, Russia

## **T**

TABU	Hermann Harrendorf & Co. GmbH, 20030 HAMBURG 36, Germany
TALU	Alfred Talke-Spedition GmbH & Co KG, 50354 HUERTH-KALSCHEUREN, Germany
TANU	Tacon GmbH, 21107 HAMBURG, Germany
TAVU	Dorothea Marine Enterprise & Management c/o COGEMA, 98000 MONTE CARLO, Monaco
TAYU	Europea De Contenedores S.A. Euconsa, 30120 EL PALMAR MURCIA, Spain
TBAU	Diergaardte Beheer BV, 1047 BJ AMSTERDAM, Netherlands
TCAU	Asia Bridge Containers Pte. Ltd., SINGAPORE 1543, Singapore
TCAU	Thunder Container Shipping A.V.V., ORANJESTAD, Aruba
TCHU	The Chandler Corporation, 11 013 SANTOS – SAO PAULO, Brazil
TCIU	Titan Containers A/S, 2630 TAASTRUP, Denmark
TCLU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TCMU	Transportes Castellet San Miguel SA, 08004 BARCELONA, Spain
TCPU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TCRU	TCL Tankcargo Container Leasing SA, 1206 GENEVE, Switzerland
TCSU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TCVU	TWS Transportmittel – Vermietung GmbH, 19246 CAMIN, Germany
TCWU	TCM Tank Transport, 8760 MEULEBEKE, Belgium
TDCU	Compagnie de Transports de Céréales, 75038 PARIS cedex 01, France
TECU	S.E.C.A.M. Conteneurs, 75009 PARIS, France
TEDU	Tesco S.A., VALPARAISO, Chili
TEHU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.

TEKU	CONSAV Societa Cooperativa SRL., 48018 FAENZA, Italy
TELU	Tasman Express Line Ltd., AUCKLAND 1, New Zealand
TEMU	TECOMAR SA, 11800 MEXICO D.F., Mexico
TENU	Tenershire Ltd., BRISTOL BS11 8AD, United Kingdom
TERU	Tecniruta SA, 48980 SANTURCE (VIZCAYA), Spain
TEXU	Textainer Equipment Management BV, SAN FRANCISCO CA 94108, USA
TFBU	Contenedores Teifer sa., 25080 LERIDA, Spain
TFCU	Fagioli S.p.A. REGGIO D'EMILIA, Italy
TFGU	Transfacht Deutsche Transport GmbH, 60327 FRANKFURT AM MAIN, Germany
TFHU	Tankfreight Ltd., HARROGATE HG1 5NL, United Kingdom
TFLU	P&O Containers Ltd, LONDON E1 8EP, United Kingdom
TGCU	Transglobe Container Services GmbH, 2000 HAMBURG 11, Germany
TGNU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
THEU	Thermocar SRL, 19100 LA SPEZIA, Italy
THIU	Heinrich Thier Spedition, 46282 DORSTEN, Germany
TICU	CTI Consorzio Per I Trasporti Intermodall, VERONA Colognola Ai colli 37030, Italy
TIFU	Trifleet Leasing Ltd. 3311 AD DORDRECHT, Netherlands
TIKU	Tukano Trading Ltd., DUBLIN 2, Ireland
TINU	BTP Tioxide Ltd., TEESIDE, United Kingdom.
TIRU	TIR Taxi Sas Di Cere Claudio E.C., COMO, Italy
TITU	Titan Containers A/S, 2630 TAASTRUP, Denmark
TKCU	Conser SRL, 20060 ZELO BUON PERSICO, Italy
TLEU	Contship UK Ltd., IPSWICH SUFFOLK IP4 IAX, United Kingdom
TLIU	Trans Leasing Inc., CHICAGO IL 60601, U.S.A.
TLRU	Trade Lease And Maintenance Comp., 3300 AP DORDRECHT, Netherlands
TMBU	Tambour Ltd., 24121 AKKO, Israel
TMGU	Transportacion Maritima Grancolombiana SA, NEW YORK NY 10004-1484, U.S.A.
TMIU	Trifleet Leasing (The Netherlands) BV, 3300 AS Dordrecht, Netherlands
TMLU	Taylor Minster Leasing Ltd., MARLOW BUCKS SL7 1AF, United Kingdom
TMMU	Transportacion Maritima Mexicana SA, Deleg. Tlalpan 14010 MEXICO D.F., Mexico
TMNU	Transmares Naviera Chilena Ltd., SANTIAGO, Chile
TMTU	P&O Tank-Masters, FELIXSTOWE NORFOLK, United Kingdom
TMYU	Transinsular, 1707 LISBOA CODEX, Portugal
TNKU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TNOU	Tanco Ltd., 31330 HAIFA, Israel
TNPU	Transnucléaire, 75008 PARIS, France
TOLU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TOPU	Toptainer GmbH, 20148 HAMBURG, Germany

TORU	A/S Dampskibsselskabet Torm, 2100 COPENHAGEN 0, Denmark
TOVU	Intracil Chemicals BV, 2170 AE SASSENHAIM, Netherlands
TPHU	Tiphook Container Rental Company Ltd, LONDON SW1W 9TG, United Kingdom
TPHU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TPJU	Tiphook Container Rental Company Ltd, LONDON SW1W 9TG, United Kingdom
TPJU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TPLU	Transpek Industry Ltd., BARODA/GUJARAT 390 012, India
TPMU	Tank Partners International Ltd., St HELIER CHANNEL ISLANDS, United Kingdom
TPTU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TPTU	Tiphook Container Rental Company Ltd, LONDON SW1W 9TG, United Kingdom
TPXU	Tiphook Container Rental Company Ltd, LONDON SW1W 9TG, United Kingdom
TPXU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TRAU	TEU Services, HOUSTON TEXAS 77015, U.S.A.
TRCU	B & N Swedish Orient Line AB, 40339 GOTENBURG, Sweden
TRIU	Triton Container International Ltd., SAN FRANCISCO CA 94111, U.S.A.
TRLU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TRMU	Solomon Tri-Modal, PERKASIE PA 18944, U.S.A.
TROU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TRPU	Pacific International Lines (Pte) Ltd., SINGAPORE 069540, Singapore
TRRU	Transport RESOURCES Inc. MATAWAN NJ 07747, U.S.A.
TRTU	Lease Craft BV., 3196 KC ROTTERDAM, Netherlands
TRWU	TRW Maritime Co. Ltd.(Cyprus), 185 36 PIRAEUS, Greece
TRXU	Tritex Ltd., ST HELIER JESEY JE4 8ZZ, United Kingdom
TRYU	Tricont Carriers Ltd., DUBAI, United Arab Emirates
TRZU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A.
TSGU	Tropical Shipping Italiana SPA., 16129 GENOVA, Italy
TSKU	Euro Gas SA, ALBUIXECH VALENCIA, Spain
TSMU	Transmarine Holdings Limited, PORT LOUIS, Mauritius
TSRU	Transrail GmbH, 60388 FRANKFURT/MAIN, Germany
TTGU	Chemovil Ltd., HAIFA 33265, Israel
TTIU	Trans Trade Inc., PALATINE IL 60067 – 5028, U.S.A.
TTLU	Tsinlien Transportation Co. Ltd., WANCHAI, Hong Kong
TTNU	Triton Container International Ltd., SAN FRANCISCO CA 94111, U.S.A.
TTOU	Sea C.A.T. Shipping, WANCHAI HONG KONG, Hong Kong
TTTU	Compagnie des Containers Réservoirs 92975 PARIS LA DEFENSE 2 CEDEX, France
TTTU	Transports International Container SA, 75008 PARIS, France
TWSU	TWS Transportmittel – Vermietung GmbH, 19246 CAMIN, Germany
TZDU	Tajikistan Railway, 734012 DUSHANBE, Tadjikistan

## U

UACU	United Arab Shipping company S.A.G., DUBAI, United Arab Emirates
UAEU	United Arab Shipping company S.A.G., DUBAI, United Arab Emirates
UASU	United Arab Shipping company S.A.G., DUBAI, United Arab Emirates
UBCU	United Fruit Company, CINCINNATI OHIO, 45202, U.S.A.
UBMU	Andrew Weir Shipping Ltd., LONDON EC3N 4XX, United Kingdom
UBTU	Indian Ocean Line Ltd. DUBAI, United Arab Emirates
UCGU	UGCU Containers Di Uccellini Valter, 16126 GENOVA, Italy
UCKU	Khedivial Mail Line Agency GmbH, 20095 HAMBURG 1, Germany
UCLU	Unicorn Lines (Pty) Ltd. DURBAN, South Africa
UDSU	Ukrainian Danube shipping Company, 272630 IZMAIL, Ukraine
UENU	Ueno Fine Chemicals Industry Ltd. 541 OSAKA, Japan
UFCU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA
UGMU	Uniglory Marine Corporation, 10444 TAIPEI, TAIWAN
UGTU	Boeckmans NV, 2000 ANTWERP, Belgium
UHPU	Uralchimplast, 622012 NIZHNIY TAGIL, Russia
UNDU	Unitainer Trading GmbH, 20459 HAMBURG 11, Germany
UNOU	Uniteam A.S., 0614 OSLO, Norway
USCU	Union Steam Ship Company of New Zealand Ltd., AUCKLAND, New Zealand
UTCU	Stolt Tank Containers Leasing Ltd., HAMILTON HM 11, Bermuda
UTOU	Electricite De France, 93192 NOISY LE GRAND, France
UTTU	United Transport Tankcontainers BV, 3004 EB ROTTERDAM, Netherlands
UXXU	United Container Systems (Deutschland) GmbH, 20457 HAMBURG, Germany
UZUU	State Administration of Railway transport of Ukraine UZ 253034 KIEV, Ukraine

## V

VABU	Vattenfall AB, 430 22 VAROBACKA, Sweden
VARU	Verachtert Internationale Transporten BV, 3194 ROTTERDAM HOOGVLIET, Netherlands
VASU	A/S Vinnmonopolet, 0502 OSLO 5, Norway
VBKU	Transport Verbeken Nv, 9200 DENDERMONDE, Belgium
VDBU	Van den Ban Container Services BV, 3220 AA HELLEVOETSLUIS, Netherlands
VDLU	L. Van der Lee & Zonen BV, 2600 AA DELFT, Netherlands
VDTU	Van Dieren Transport BV, 8280 AC GENEMUIDEN, Netherlands
VERU	Verbrugge International Wegtransporten NV, 9000 GENT, Belgium
VETU	Vecchio Trasporti Srl., 95013 FIUMEFREDDO DI SICILIA, Italy
VEWU	Vervaeke Wallonie S.A., 7180 SENEFFE, Belgium

VOSU Nedlloyd Road Cargo, 5340 AE OSS, Netherlands  
 VRAU A.B. Vracator K.B., 18131 LIDINGO, Sweden  
 VRXU Finnish State Railways (VR) HELSINKI, Finland  
 VSRU Voith Sulzr Stoffaufbereitung GmbH, 88212 RAVENSBURG, Germany  
 VTGU VTG Vereinigte Tanklager und Transportmittel GmbH, 20097 HAMBURG, Germany

## W

WABU TWS Transportmittel – Vermietung GmbH, 19246 CAMIN, Germany  
 WALU Southern Star Shipping Co. Inc. NEW YORK NY 10019 – 4102, U.S.A.  
 WAUU Wauters Tanktransport NV, 9160 HAMME, Belgium

WBDU Waggo,bau Dessau GmbH, 06814 DESSAU, Germany  
 WBRU Bruhn Transport Equipment GmbH & Co., 23554 LUBECK, Germany  
 WCIU Textainer Equipment Management Inc., SAN FRANCISCO CA 94108, U.S.A.  
 WCKU Textainer Equipment Management Inc., SAN FRANCISCO CA 94108, U.S.A.  
 WCTU Wiencont Containerterminal GmbH, 1020 WIEN, Austria  
 WCVU KG Wecon Container Vermietungs GmbH, 21465 REINBEK, Germany  
 WCXU WCL Container Lines N.V. Curacao, 3161GM RHOON, Netherlands  
 WDCU Dannewitz Leasing GmbH, 35781 WEILBURG, Germany  
 WECU WEC Nederland BV, 3161 GM RHOON, Netherlands  
 WGCU Wilhelm Grote Internationale Spedition und Logistik GmbH  
 41541 DORMAGEN, Germany

WGSU WG Salari BV, 6136 KW SITTARD, Netherlands  
 WIKU Textainer Equipment Management BV, SAN FRANCISCO CA 94108, USA  
 WISU W.I.S.A., 1002 LAUSANNE, Switzerland  
 WITU Witco Corporation, NEW YORK NY 10022 – 4236, U.S.A.  
 WLFU Textainer Equipment Management BV, SAN FRANCISCO CA 94108, USA  
 WLNU Wilhelmsen Lines AS, 1324 LYSAKER, Norway  
 WOGU Wolfsgruber Transporte GmbH, 4802 EBENSEE, Austria  
 WSDU Wide Shine Development Ltd., CENTRAL HONG KONG, Hong Kong  
 WSIU Wesotra Spedition und Transport GmbH, 50676 COLOGNE, Germany  
 WVGU Geest North Sea Line BV, 3008 JC ROTTERDAM, Netherlands  
 WWLU Wilhelmsen Lines AS, 1324 LYSAKER, Norway

## X

XCLU	Textainer Equipment Management BV, SAN FRANCISCO CA 94108, USA
XTRU	Genstar Container Corporation, SAN FRANCISCO CA 94111, USA

## Y

YARU	Burray Ltd. 8022 Zurich, Switzerland
YCEU	I.C.E. (Gibraltar) Ltd., GIBRALTAR, Gibraltar
YMLU	Yangming Marine transport Corp., 10048 NEW YORK, U.S.A.
YSDU	The Yasuda Warehouse Co Ltd., TOKYO 108, Japan
YSEU	I.C.E. (Gibraltar) Ltd., GIBRALTAR, Gibraltar
YTCU	Yarden Tank Containers Ltd., TIVON, Israel
YTSU	Fairbreeze Shipping Co. Ltd. HONG KONG, Hong Kong
YXEU	I.C.E. (Gibraltar) Ltd., GIBRALTAR, Gibraltar

## Z

ZACU	Saftainer Pty Ltd., CAPETOWN 8000, South Africa
ZAFU	Saftainer Pty Ltd., CAPETOWN 8000, South Africa
ZAPU	Zaklady Azotowe "Pulawy" Spolka Akcyjna, 24 110 PULAWY, Poland
ZBGU	Preduzece Zeleznicki Integraini Transport Beograd, 11000 BEOGRAD, Yugoslavia
ZBXU	Zim Israel Navigation Company Ltd., HAIFA, Israel
ZCLU	Zim Israel Navigation Company Ltd., HAIFA, Israel
ZCSU	Zim Container Service (a division of ZIM Israel Navigation Co Ltd), HAIFA 31000, Israel
ZHSU	Fairbreeze Shipping Co. Ltd. HONG KONG, Hong Kong
ZIMU	Zim Israel Navigation Company Ltd., HAIFA, Israel
ZJSU	Z-River shipping Corporation, HONG KONG, Hong Kong
ZKPU	p/a Kremnijpolymer, 330009 ZAPOROZHJE, Ukraine
ZTEU	Transamerica Leasing Inc., PURCHASE NY 10577-2135, U.S.A