

WAGON TYPE		COMMODITY				
YLA Mullet		18.3 m (60') Rails				
<b>Carrying Capacity: (YLA)</b> Each Wagon has a carrying Capacity of 49 tonnes Gross Laden weight 80 tonnes Tare Weight 31 tonnes For Exact Loading Limits, see individual wagon on TOPS.						
YLA Mullet wagon bolster positions						Total weight
1	2	3	4	5	6	
8.166	8.166	8.166	8.166	8.166	8.166	48.996 t
12.25	12.25			12.25	12.25	49 t
24.5					24.5	49 t
	17.857			17.857		35.714 t
	8.298	8.298	8.298	8.298		33.192 t
9.0	9.0	9.0	9.0	9.0		45 t
9.8	9.8	9.8	9.8			39.2 t
		14.473	14.473			28.946 t

**Load Positioning:**  
**56E1 (113 lb) Rail**  
Max. four tiers (Loaded pyramid style or pack of 4 x 11 = 44 rails max.)  
**60E1/E2 (CEN60) Rail**  
Max. four tiers (Loaded pyramid style or pack of 4 x 10 = 40 rails max.)  
**Conductor Rail 75 kg**  
Max. three tiers (Loaded pyramid style or pack of 3 x 11 = 33 rails max.)  
**Bullhead Rail (Heads up)**  
Max. two tiers (Loaded pyramid style or pack of 2 x 26 = 52 rails max.)

Rails up to 18.3 m may be loaded without over hanging the wagon headstocks. Position loads centrally across (transverse) and along (longitudinal) the wagon. The pattern of each load as seen from the ends of the wagons shall occupy as much of the distance between symmetrically positioned stanchions as possible. Rails are normally loaded in a pyramid formation (lower tiers wider than upper tiers) but may also be loaded in an equal pack.

Calculate the overall weight and width of each tier before loading so that the wagons are not overloaded and so that optimum stanchion positions are selected.

There shall be an overhang of at least 300 mm beyond the outside edge of the end bolster. If the wagon winch is on the same side of the bolster as the overhang, increase the overhang to 900 mm.

Do not load shorter rail lengths under longer lengths. Wherever possible, load shorter rail lengths inside longer rail lengths (of the same tier) so that the short rails are contained. Load short rails centrally along the wagon bolsters (i.e. do not load them at one end). Rail ends may overhang the wagon headstocks by 300 mm. It is permitted to have facing overhangs up to 300 mm on adjacent wagons coupled together.

Each tier of rails shall be level and of the same rail type.  
Load rail up to each other to prevent voids.  
Do not let the foot of the rail become lipped over another rail.  
Load rails heads up.

**Stanchions:**

Positions available are centre, 736 mm, 1218 mm, 1574 mm, 1930 mm and 2284 mm.  
Check the condition of the stanchion. Withdraw any cracked stanchions from service.  
Bent or damaged stanchions may be used providing they do not exceed the width of the wagon.

Stow stanchions in the stanchion pockets when not in use. When loading 56E1 or Conductor rail in a pack of 11 rails wide, or 60E1/E2 rail in a pack of 10 rails wide, position the stanchions in the 1574 mm (third) position.

When loading Bullhead rail in a pack of 26 rails wide the stanchions shall be positioned in 1930 mm (second) position.

Protect loads using all the stanchions on the occupied bolsters. It is permissible to use a minimum of four stanchions on each side of a load (at each end and two in the centre) provided the load rests on all the bolsters on the wagon.

Position stanchions as close to the load as possible. They shall exceed the height of the load by at least 100 mm.

Stanchions placed in the 2284 mm outer position shall be straight or bent inwards to avoid exceeding the width of the wagon.

Take care when positioning any bent/damaged stanchions so as they do not protrude wider than the wagon. Remove any cracked stanchions from service.

**Bolsters:** To be in good condition and of a uniform height.

**Dunnage:** Separate all tiers of rails by a minimum of four 100 mm x 50 mm one piece timbers formed at right angles to the wagon sides. (75 mm x 75 mm timber is acceptable providing four tiers are not being loaded.)

Timbers shall exceed the width of the load by at least 100 mm but not exceed the width of the wagon.

Position end timbers on the inside of the stanchions.

Unused or returned timber dunnage may be stowed on the wagon floor between bolsters providing it does not exceed one tier high.

<b>Unsecured Loads:</b> Not permitted.
<b>Securing Equipment:</b> Wherever rail ends are present, secure the load using strangle wrap straps. Any remaining securing positions can be throw-over straps. Straps shall be in good condition and fitted with protective sleeves. Throw-over straps shall be 7 m long, with strangle straps being 11 m long. The minimum number of straps are: two strangle wraps and two throw-over straps (as described in the following diagram) Place unused straps across the wagon floor winch to winch.
<b>VOIDS:</b> Not permitted.
<b>Doors/Sides:</b> N/A
<b>Special Equipment:</b> N/A
<b>Competency Level:</b> Load Examiner
<b>Safety:</b> Wear PPE at all times.

