

## Loading Standard Bulletin

### For the attention of Loaders & Load Examiners.

Refer to loading patterns LP 2.1/3.1/3.2/3.4 (Safety Central Infrastructure Loading Patterns)

Network Rail are introducing some Wascosa FEA(W) wagons to replace some of our current infrastructure wagon fleet.

The FEA(W) wagon is loaded with 3 x 20' ISO type load modules that are each secured by four spigot positions. (These are fitted with through bolt fasteners to keep modules captive)

The FEA(W) wagon is 21.1 m in length over the buffers.

Wagons are numbers in the 81 70 4524 xxx-x series and are in different wagon pools depending on the load module type.

The load modules are in three types.

- 125 x Salmon flat top – loading track panels and sleepers.
- 125 x Super Tench side drop door – loading materials.
- 10 x Mullet bolstered – loading rails and S&C

See examples below:



Diagram 1 – Salmon flat top

Track panels and sleepers may be loaded in the normal manner as detailed in the respective loading patterns as applicable to KFA type Salmon wagons.

Note:

The maximum permitted side overhang is 290 mm (from flat edge of the load module side)

Maximum loading capacity is 54 t.

Each wagon is fitted with 18 x strap winches for load securing. It is not permitted to use hand ratchet tensioner type securing straps on this type of wagon.

Securing strap stowage boxes are positioned at both ends of the wagon.

Wagon deck height 1.24 m

Loading length 18.288 m



Diagram 2 – Super Tench

Materials may be loaded in the normal manner as detailed in Loading Pattern 1.2

**Note:**

Individual loads that are below 300mm in height shall be loaded level or below the wagon door height.

Individual loads that are 300mm or above in height may be loaded with up to 50% of the load above the wagon door height.

Maximum of 84 sleepers loaded up to 2 x tiers high, at 7 x sleepers wide, with 6 x stacks along the length of the wagon aligned with the doors.

Maximum of 24 x rails loaded up to 2 x tiers high, 12 x rails wide up to 19.5 m in length.

Maximum loading capacity is 51 t

Loading length internally 19.9 m

Loading width internally 2.15 m

Door height 580 mm

New style door securing as shown below in diagram 3.



Door catch, with secondary locking pin

Diagram 3 – door securing



Diagram 4 – Mullet

Rails and S&C ironwork greater in length than 18.5 m may be loaded in the normal manner as detailed in LP 4.3.

Note:

Rail and S&C ironwork may be loaded up to 2 x tiers high with up to 12 x rails per tier.

Maximum loading capacity 36 t

'Load Examiners' will not be deemed competent in this type of wagon/load unless they hold the relevant additional loading competency.

This bulletin is valid until superseded by individual loading patterns.

Author: Paul Phillips	Sign: 
Approved by: Darrell Simpson	Sign: 

If you have any queries with regards to the content of this bulletin, please contact Paul Phillips, Operations Compliance on the following email address [paul.phillips@networkrail.co.uk](mailto:paul.phillips@networkrail.co.uk)