WAGON TYPE	COMMODITY
YWA Salmon YKA Osprey FDA Twin	New Track Panels in Association with Modular S&C Instalments. Stub End Panels

Carrying Capacity:
Each Wagon has a carrying capacity:- see individual wagon details
Tare Weight:- see individual wagon details
Gross Laden weight:- see individual wagon details
For exact loading limits see individual wagon on TOPS.

Approximate Panel Weights at 28 sleepers per 18.3 m (60 ft) panel.
Wood – 4 t Jarrah – 7 t
Concrete – 10 t (G44 type 11 t)

Loading Position:
Only **NEW** panels may be loaded.
Providing the bottom panel is 13.7 m (45 ft) or longer then panels may be loaded up to 3 tiers high centrally along the length of the wagon.
The longer length panels shall be loaded on the bottom with shorter length panels loaded centrally on top in a pyramid formation.
If the length of the panel forming the bottom tier is less than 13.7 m (45 ft) then this panel has to be loaded on its own centrally on the wagon. It is permitted to load 9.1 m (30 ft) panels end to end.
Stacks of other multiple short length panels are not permitted due to uneven weight distribution.

Panels loaded centrally 3 high – bottom panel is longer than 13.7 m (45 ft)

Maximum permitted panel length is 18.3 m (60 ft) and the minimum panel length is 9.1m (30 ft) with a permitted tolerance of up to one sleeper width.
Panels shorter than 30’ shall be dismantled and conveyed separately in sided wagons.

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Mixed loads of concrete and wooden panels are permitted providing that the wooden panels are loaded on the top.
It is permitted for panels in association with S&C to have 2 sleepers fitted together at the panel ends that can be different from the rest of the sleepers in use on the panel.

Sleepers may overhang the wagon sides by a maximum of:

Wagon Type	Overhang
Salmon/Osprey	150 mm
FDA	300 mm

Sleepers that exceed the above overhangs will be required to be removed or cut back.

Track panels may overhang the wagon headstock by up to 300 mm with rail only. The end sleepers shall always be fully supported either by the wagon floor or by the rail of a panel below.

Stub End Panels:
Certain panels are constructed that contain very short sleeper bearers and only one rail, these are known as ‘Stub’ panels.
Stub panels are to be loaded centrally across and along the wagon – this type of panel can not be loaded on to FDA type wagons.
Stub panels may only be loaded in a single tier.
Maximum length of stub panel is 18.3 m (60’) minimum length of stub panel is 9.1 m (30’)
Short length 9.1 m (30 ft) stub panels may be loaded end to end along a wagon.
Stub panels shall be additionally strangle wrap strapped at each end of the panel.

Stub panel loaded centrally.

Stanchions: N/A

Bolsters: N/A

Dunnage: N/A

Unsecured Loads: Not Permitted

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