

TRAFICOM

Finnish Transport and Communications Agency

EMS definition now and after the review of 96/53/EU

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EMS definition

Common
understanding what
EMS means now

What 96/53/EU (weight
and dimensions directive)
say about EMS now

Proposal for EMS
definition in 96/53/EU
revision

Common understanding for EMS

Exist only on high level

There is no consensus on the details

60 t 25,25 m
rigid truck + dolly +
semitrailer

25,25 m combination
consisting of vehicles
according to Annex I
dimensions

a vehicle combination
consisting of cargo
spaces according to
Annex I dimensions

(25,25 m) Vehicle
combination with
21,42 m loading
length

34,5 m
combination is
EMS2 not EMS

EMS-trucks since 1997



- ▶ Loading length
 - ▶ not more than 21,42 m
- ▶ Trailer box
 - ▶ not more than 13,6 m
- ▶ Combination length
 - ▶ not more than 25,25 m

Current 96/53/EU and EMS definition

“Modular concept” is mentioned once
it is not defined in the current directive

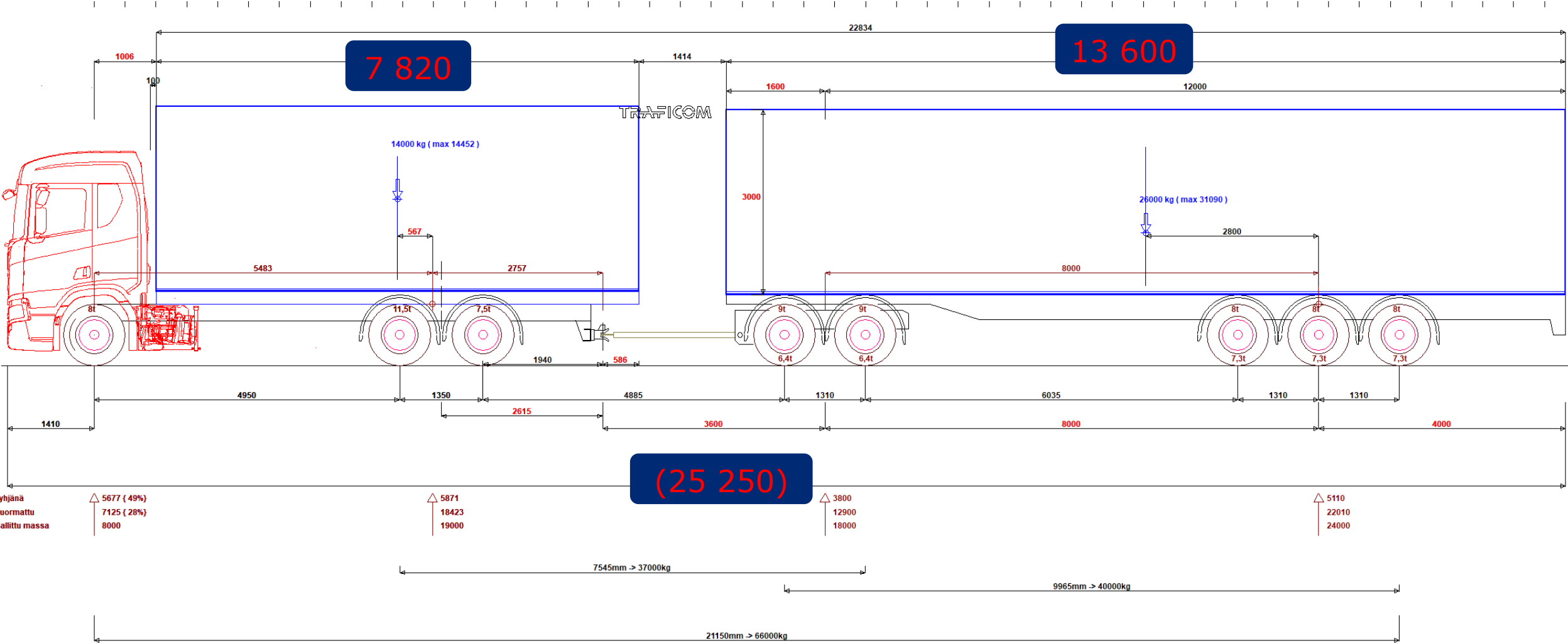
Current 96/53/EU and EMS definition

the Member State which permits transport operations to be carried out in its territory by vehicles or vehicle combinations with dimensions deviating from those laid down in Annex I also permits motor vehicles, trailers and semi-trailers which comply with the dimensions laid down in Annex I to be used in such combinations as to achieve **at least the loading length** authorized in that Member State, so that every operator may benefit from **equal conditions of competition (modular concept)**.

- ▶ EMS = Modular concept
- ▶ Loading length is the important value

- ▶ The “EMS definition” does not include
 - ▶ the length of the combination or the lengths of the vehicles
 - ▶ the turning rule
 - ▶ Weight limits...

96/53/EU Modular Concept



96/53/EU revision COM proposal

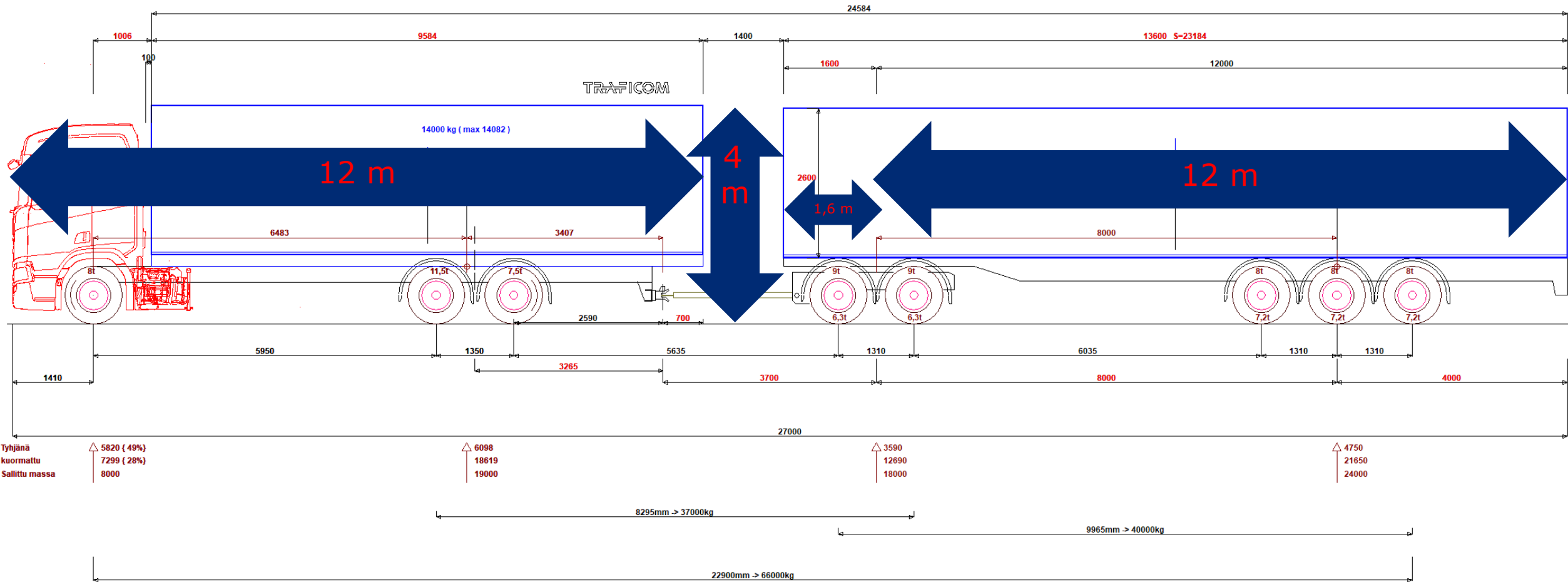
EMS shall mean a motor vehicle or vehicle combination coupled to one or more trailers or semitrailers where the total combination exceeds the maximum authorised length and may exceed the maximum authorised weights laid down in Annex I and where the individual motor vehicle, trailer(s) and semitrailer(s) do not exceed the weights or dimensions laid down in Annex I

- ▶ Loading length is not the only critical dimension
- ▶ Vehicle length, height and all vehicle weights are part of the definition

- ▶ 12 m truck with 9,5 m loading length can be part of EMS combination
- ▶ 4,4 m height or 28 t 3 axle truck is not allowed in EMS combination

A significant part of the current Nordic cross-border traffic would not meet the EMS definition

96/53/EU EMS definition proposal



Modular concept is soon 30 years old.
Now EU member states are working for
clear EMS definition. At the same time,
domestic and cross border “EMS traffic” is
increasing in several countries.

It is a bit scary to watch how new
definition will deviate from the current
Nordic model and traffic.

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Thank you for your interest