

**Annex 4/B**

**Methodology of determination of number of track route use - GYSEV Zrt.**

Number of track route use has been determined by assuming an average network technology. Track route use numbers have been established as follows:

**Number of use of track route of the network:**

Number of track route use by departing trains + number of track route use by through trains + number of use of track route by passenger trains for stopping + number of track route use by passenger trains for reversing direction + number of track route use by freight trains at stations + number of use of track route for access to refuelling facilities + number of use of track route for access to wagon weigh bridges (scales) + number of use of track route for storage of vehicles

**Number of use of running track route of station of the network:**

Number of track route use by through trains + number of use of track route by passenger trains for stopping + number of use of track route by freight trains at stations

**Number of use of running track route of the network:**

Number of track route use by through trains + number of use of track route by passenger trains for stopping + number of use of track route by passenger trains for reversing direction + number of use of track route by freight trains at stations + number of use of track route for access to refuelling facilities + number of use of track route for access to wagon weigh bridges (scales) + number of use of track route for storage of vehicles

**Number of use of intermediate track route at station of the network:**

Number of use of track route by passenger trains for stopping + number of use of track route by passenger trains for reversing direction + number of use of track route by freight trains at stations + number of use of track route for access to refuelling facilities + number of use of track route for access to wagon weigh bridges (scales) + number of use of track route for storage of vehicles

**Number of use of operation track route of station of the network:**

Number of use of track route by passenger trains for stopping + number of use of track route by freight trains at stations

**Number of use of shunting track route of station of the network:**

Number of use of track route by passenger trains for reversing direction + number of use of track route by freight trains at stations + number of use of track route for access to refuelling facilities + number of use of track route for access to wagon weigh bridges (scales) + number of use of track route for storage of vehicles

where:

**Number of track route use by departing trains:**

*Content:* Number of use of track routes connected to train dispatch activity at departure stations.

*Definition:* Equal to the number of departing trains (1 track route switching per departure).

*Data source:* VIHAR

**Number of track route use by through trains:**

*Content:* Number of use of track routes connected to *passing of through trains through stations*. In the case of stopping or departing/arriving of trains at stations, track routes connected to stopping, departing/arriving shall not be considered here.

*Definition:* 2 track route uses per passage through the station shall be determined.

*Data source:* VIHAR

**Number of track route use by passenger trains for stopping:**

*Content:* Number of plus track route use connected to the (ordered) stopping of passenger trains for boarding/getting off of passengers. It can be determined at origin/destination stations as well as intermediate stations and halts, but not at stations where trains run through or stop only for traffic control reasons.

*Definition:* 1 track route use per stopping at stations shall be determined.

*Data source:* VIHAR or provisional accounting statistics

**Number of track route use by passenger trains for reversing direction:**

*Content:* Number of track route use for forming passenger trains at origin/destination stations. It can be defined only at origin/destination stations.

*Definition:* For passenger trains, 3 uses of track route shall be determined per arrival at /departure from an origin station.

*Data source:* VIHAR or provisional accounting statistics

**Number of track route use by freight trains at stations:**

*Content:* Number of plus track route use for forming and splitting-up of freight trains and for detaching and inserting of their wagons.

*Determination:* 7 track route uses shall be determined per uses of stations by freight trains by assuming an average network technology.

*Data source:* VIHAR or provisional accounting statistics

**Number of track route use for access to refuelling facilities:**

*Content:* Number of track route use connected to access to refuelling facilities.

*Determination:* 0,003 track use shall be determined as per refuelling volumes (per litre).

*Data source:* KUTINFÓ

**Number of track route use for access to wagon weigh bridges (scales):**

*Content:* Number of track route use connected to access to wagon weigh bridges (scales).

*Determination:* 1/3 track route use shall be determined as per wagon weighed.

*Data source:* VIHAR

**Number of track route use for storage of vehicles (HUF/vehicle day):**

*Content:* Number of track route use connected to storage of vehicles.

*Determination:* 1/150 track route use shall be determined per vehicle-day.

*Data source:* VIHAR