NETWORK STATEMENT 2022

adif
ALTA VELOCIDAD

Edition:

DIRECCIÓN GENERAL DE NEGOCIO Y OPERACIONES COMERCIALES

Dirección de Explotación Comercial

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9 MAPS

Map RFIG

Rail Network of General Interest, RFIG.

Map 1

Passenger transport stations, Maximum length of passenger trains, Commuter Hubs and Distances in Kilometers.

Map 2

Main Freight Transport Terminals, Fuel Supply Fix Points, Maximum Length of Freight Trains, Dynamic Weighbridges, characteristic Ramps in thousandths and Ports of General Interest with Connection Agreement to the General Interest Rail Network

Map 3

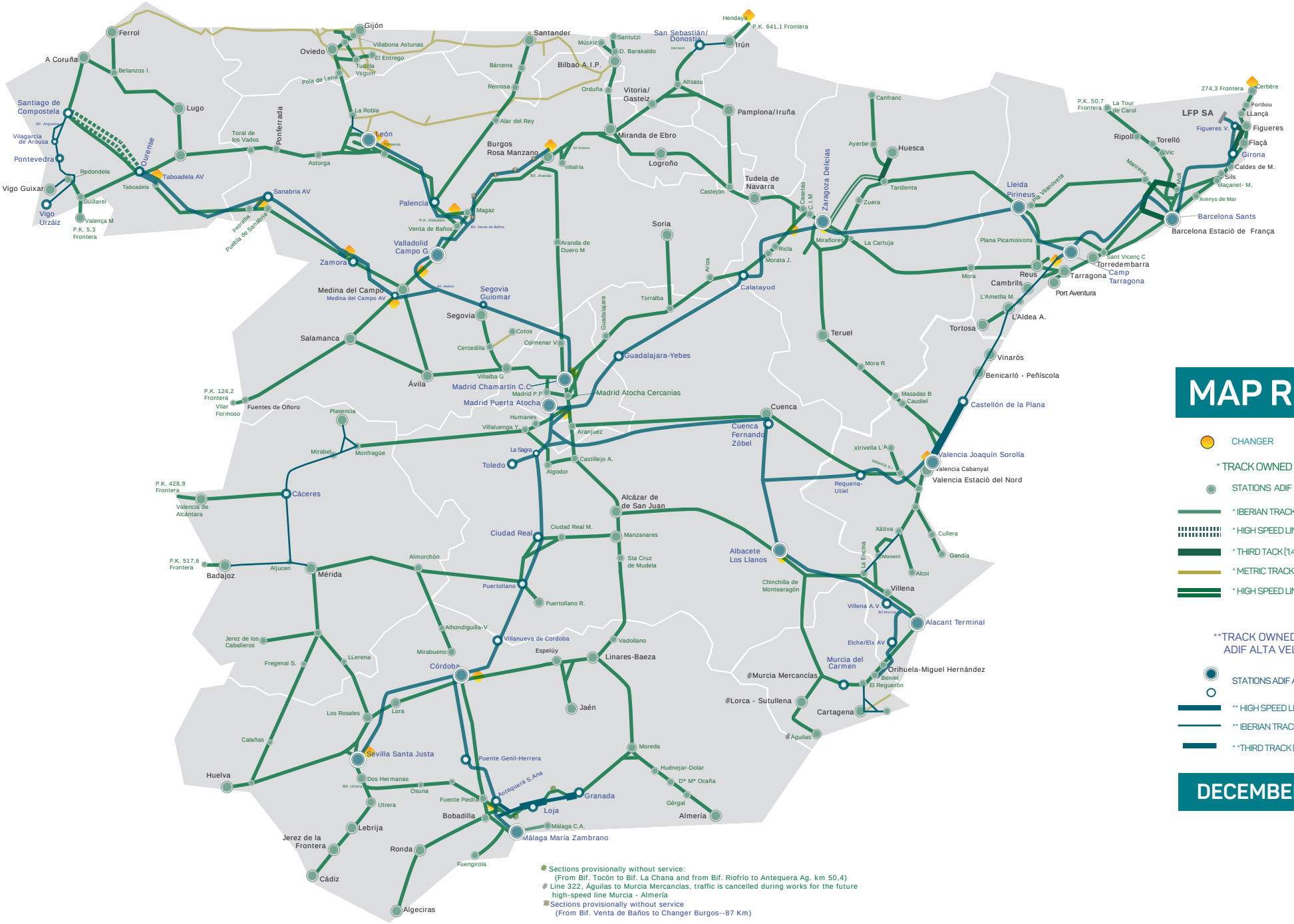
Maximum Speeds, Types of Electrification and Catenaries

Map 4

Safety and Blocking Systems.

NOTE:

These maps are available in attached document on the ADIF Alta Velocidad website in interactive Pdf format that allow to add and disaggregate layers to individually visualize and print the contents of each individually



* Sections provisionally without service:
(From Bif. Tocón to Bif. La Chana and from Bif. Riofrío to Antequera Ag. km 50,4)

\# Line 322, Águilas to Murcia Mercancías, traffic is cancelled during works for the future high-speed line Murcia - Almería

* Sections provisionally without service
(From Bif. Venta de Baños to Changer Burgos--87 Km)

MAP RFIG

- CHANGER
- * TRACK OWNED ADIF
- STATIONS ADIF
- * IBERIAN TRACK (1.668 mm)
- * HIGH SPEED LINES (1.668 mm)
- * THIRD TACK (1.435 mm y 1.668 mm)
- * METRIC TRACK
- * HIGH SPEED LINES (1.435 mm)

**TRACK OWNED ADIF ALTA VELOCIDAD

- STATIONS ADIF ALTA VELOCIDAD
- ** HIGH SPEED LINES (1.435 mm)
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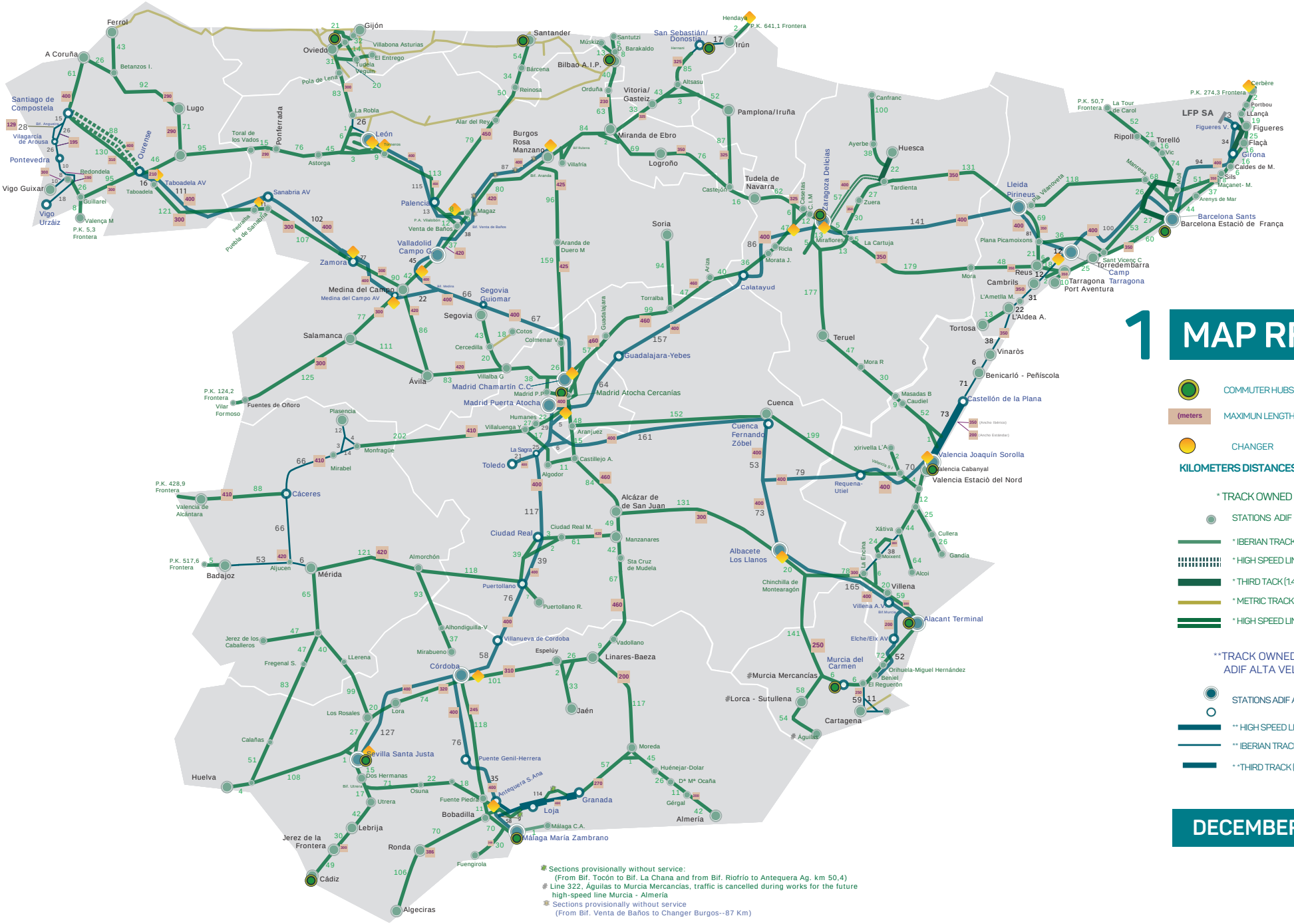

1 MAP RFIG

COMMUTER HUBS

(meters MAXIMUN LENGTH OF PASSANGER TRAINS

CHANGER

KILOMETERS DISTANCES xxx Km

* TRACK OWNED ADIF

STATIONS ADIF

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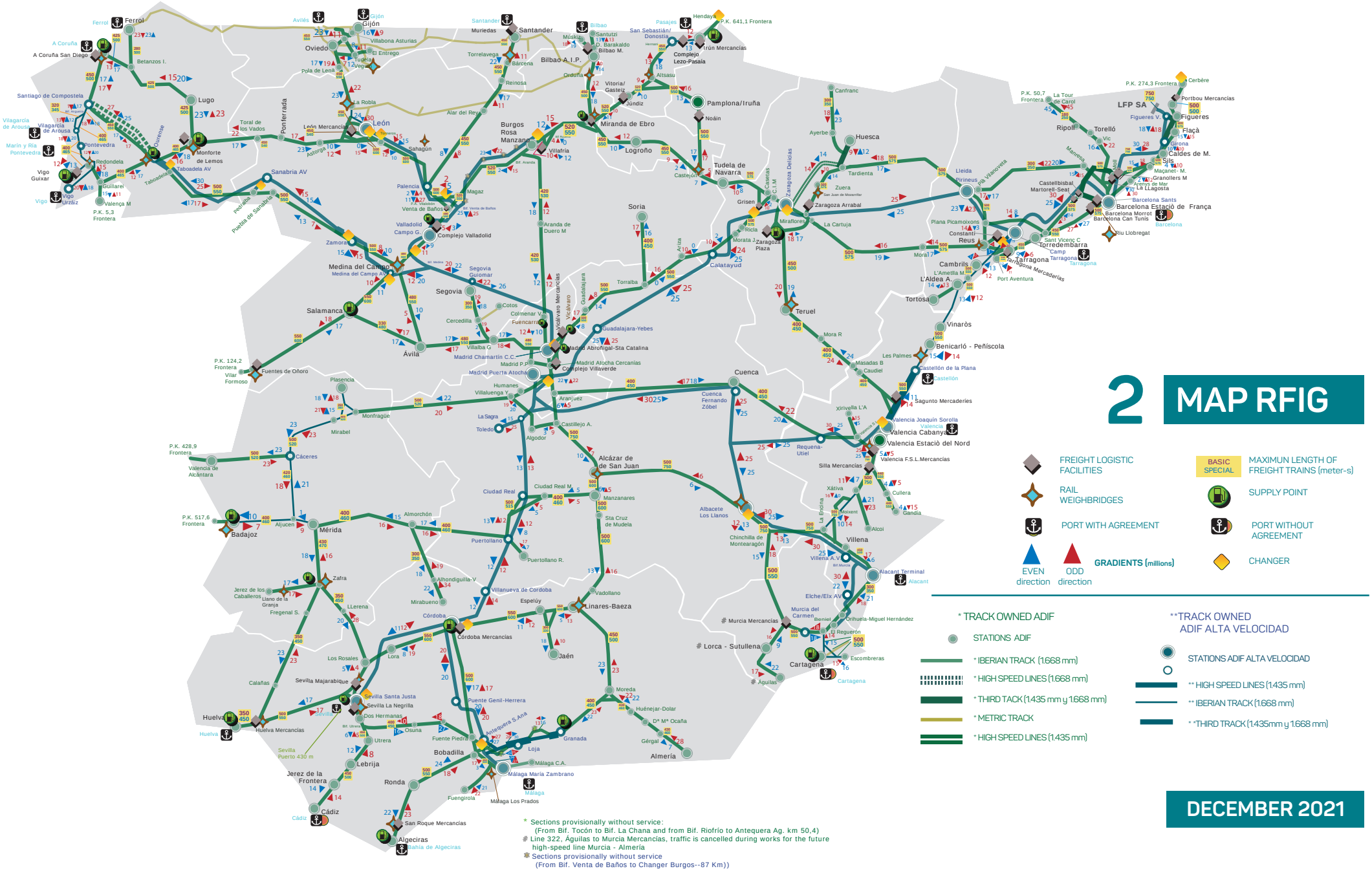
2
MAP RFIG
FREIGHT LOGISTIC FACILITIES
RAIL WEIGHBRIDGES
PORT WITH AGREEMENT
PORT WITHOUT AGREEMENT
CHANGER
BASIC SPECIAL
MAXIMUN LENGTH OF FREIGHT TRAINS (meter-s)
SUPPLY POINT
GRADIENTS (millions)
EVEN direction
ODD direction
* TRACK OWNED ADIF
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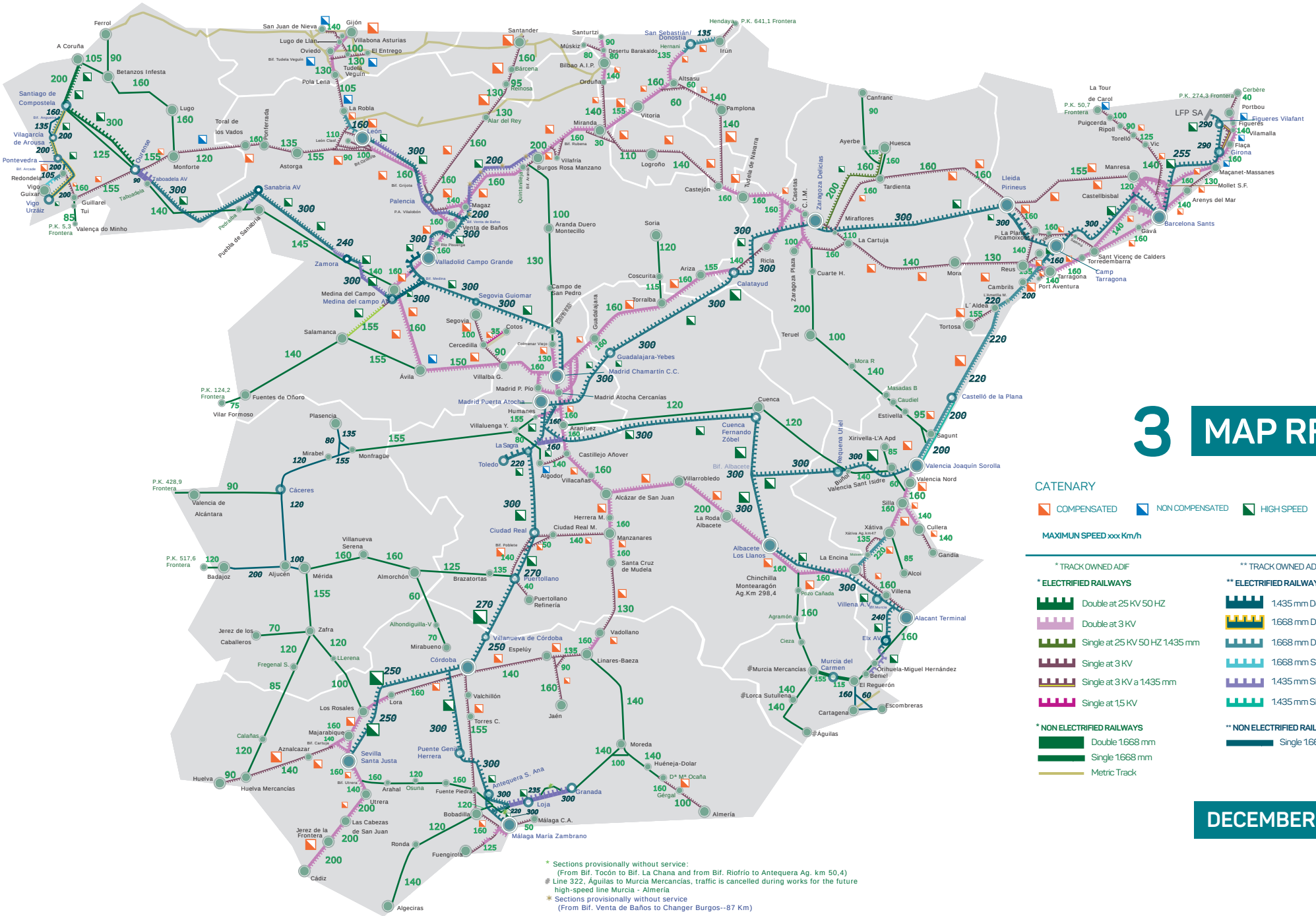

3 MAP RFIG

CATENARY

COMPENSATED NON COMPENSATED HIGH SPEED

MAXIMUN SPEED xxx Km/h

* TRACK OWNED ADIF

*** ELECTRIFIED RAILWAYS**

- Double at 25 KV 50 HZ
- Double at 3 KV
- Single at 25 KV 50 HZ 1.435 mm
- Single at 3 KV
- Single at 3 KV a 1.435 mm
- Single at 1,5 KV

*** NON ELECTRIFIED RAILWAYS**

- Double 1.668 mm
- Single 1.668 mm
- Metric Track

** TRACK OWNED ADIF ALTA VELOCIDAD

**** ELECTRIFIED RAILWAYS**

- 1.435 mm Double at 25 KV 50 HZ
- 1.668 mm Double at 25 KV 50 HZ
- 1.668 mm Double at 3 KV
- 1.668 mm Single at 3 KV
- 1.435 mm Single at 25 KV 50 HZ
- 1.435 mm Single at 3KV

**** NON ELECTRIFIED RAILWAYS**

- Single 1.668 mm

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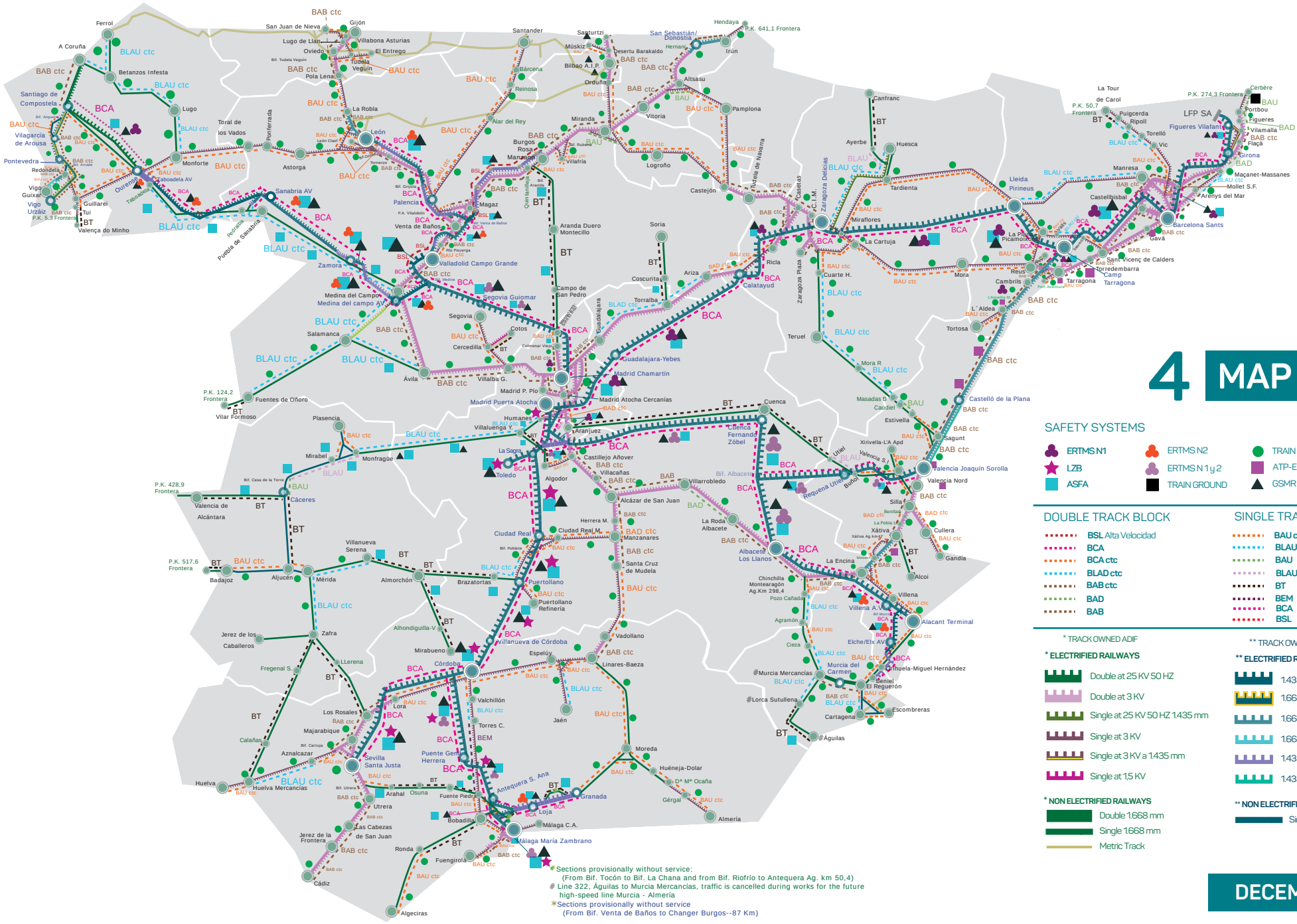

4 MAP RFIG

SAFETY SYSTEMS

- ERTMS N1
- LZB
- ASFA
- ERTMS N2
- ERTMS N 1 y 2
- TRAIN GROUND
- TRAIN GROUND AND ASFA
- ATP-EBICAB
- GSMR

DOUBLE TRACK BLOCK

- BSL Alta Velocidad
- BCA
- BCA ctc
- BLAD ctc
- BAB ctc
- BAD
- BAB

SINGLE TRACK BLOCK

- BAU ctc
- BLAU ctc
- BAU
- BLAU
- BT
- BEM
- BCA
- BSL

* TRACK OWNED ADIF

*** ELECTRIFIED RAILWAYS**

- Double at 25 KV 50 HZ
- Double at 3 KV
- Single at 25 KV 50 HZ 1.435 mm
- Single at 3 KV
- Single at 3 KV a 1.435 mm
- Single at 1,5 KV

*** NON ELECTRIFIED RAILWAYS**

- Double 1.668 mm
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** TRACK OWNED ADIF ALTA VELOCIDAD

**** ELECTRIFIED RAILWAYS**

- 1.435 mm Double at 25 KV 50 HZ
- 1.668 mm Double at 25 KV 50 HZ
- 1.668 mm Double at 3 KV
- 1.668 mm Single at 3 KV
- 1.435 mm Single at 25 KV 50 HZ
- 1.435 mm Single at 3KV

**** NON ELECTRIFIED RAILWAYS**

- Single 1.668 mm

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