Maps

Network Statement 2020

Updated to March 2020

adif
ALTA VELOCIDAD

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

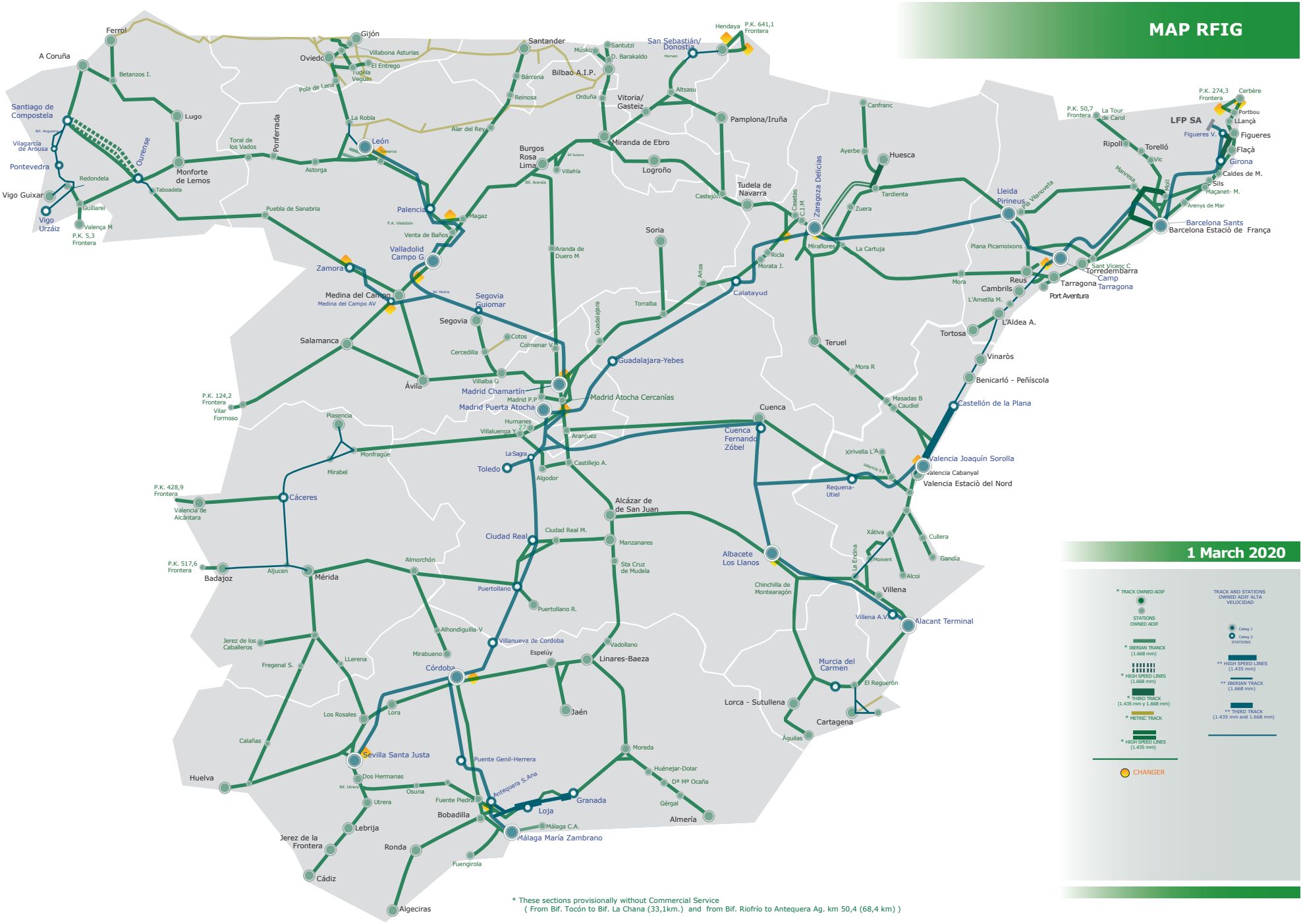
* Maximum Speeds, Types of Electrification and Catenaries.

Map 4

* Safety and Blocking Systems.

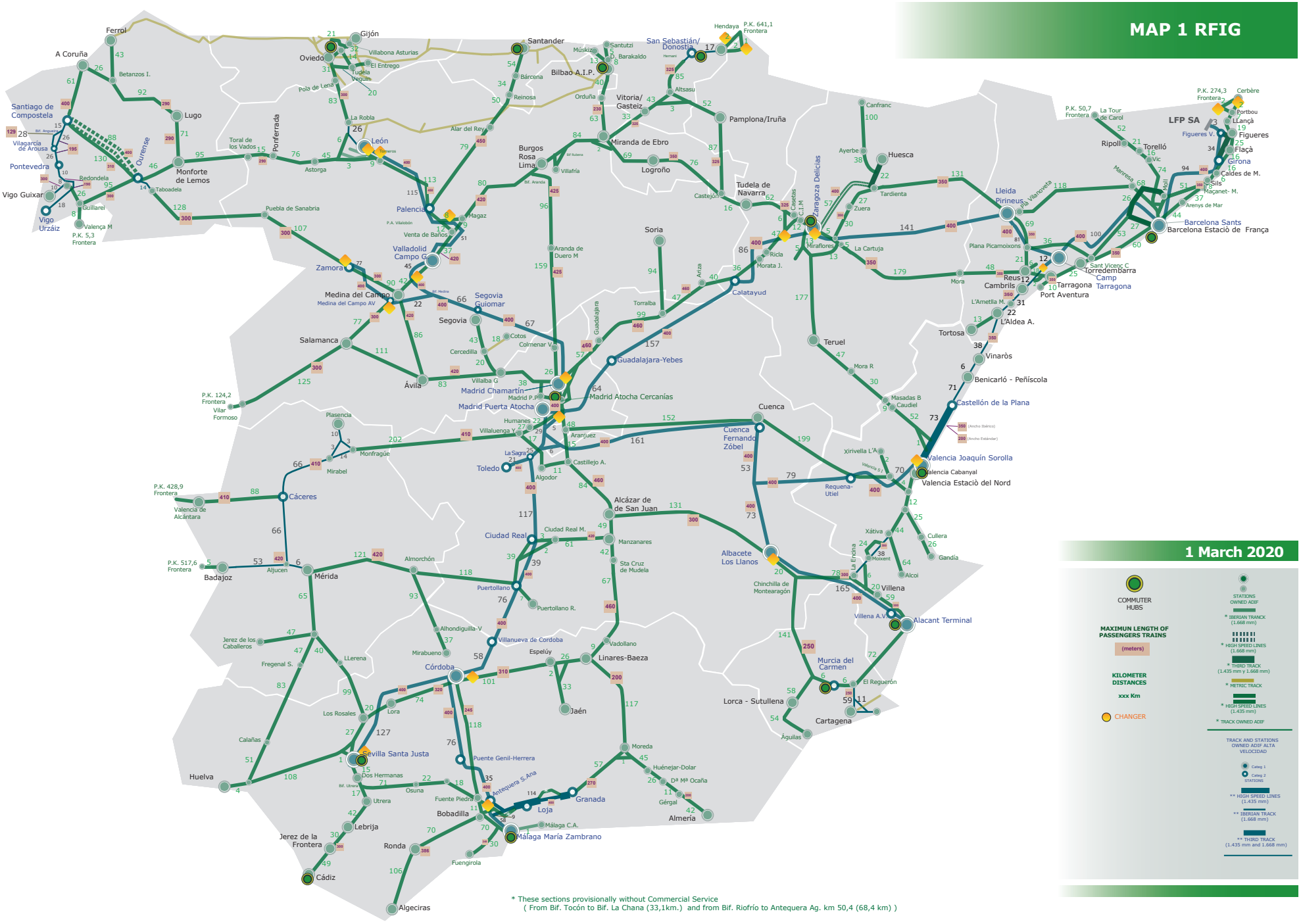
These maps are available in an attached document on the ADIF- Alta Velocidad Web, in interactive PDF format that allow to add and disaggregate layers to individually visualize and print, the contents of each.

MAP RFIG



* These sections provisionally without Commercial Service
(From Bif. Tocón to Bif. La Chana (33,1km.) and from Bif. Riofrío to Antequera Ag. km 50,4 (68,4 km))

MAP 1 RFIG



1 March 2020

COMMUTER HUBS

MAXIMUN LENGTH OF PASSENGERS TRAINS

(meters)

KILOMETER DISTANCES

xxx Km

CHANGER

STATIONS OWNED ADIF

* IBERIAN TRANCK (1.668 mm)

* HIGH SPEED LINES (1.668 mm)

* THIRD TRACK (1.435 mm y 1.668 mm)

* METRIC TRACK

* HIGH SPEED LINES (1.435 mm)

* TRACK OWNED ADIF

TRACK AND STATIONS OWNED ADIF ALTA VELOCIDAD

Categ 1

Categ 2

STATIONS

** HIGH SPEED LINES (1.435 mm)

** IBERIAN TRACK (1.668 mm)

** THIRD TRACK (1.435 mm and 1.668 mm)

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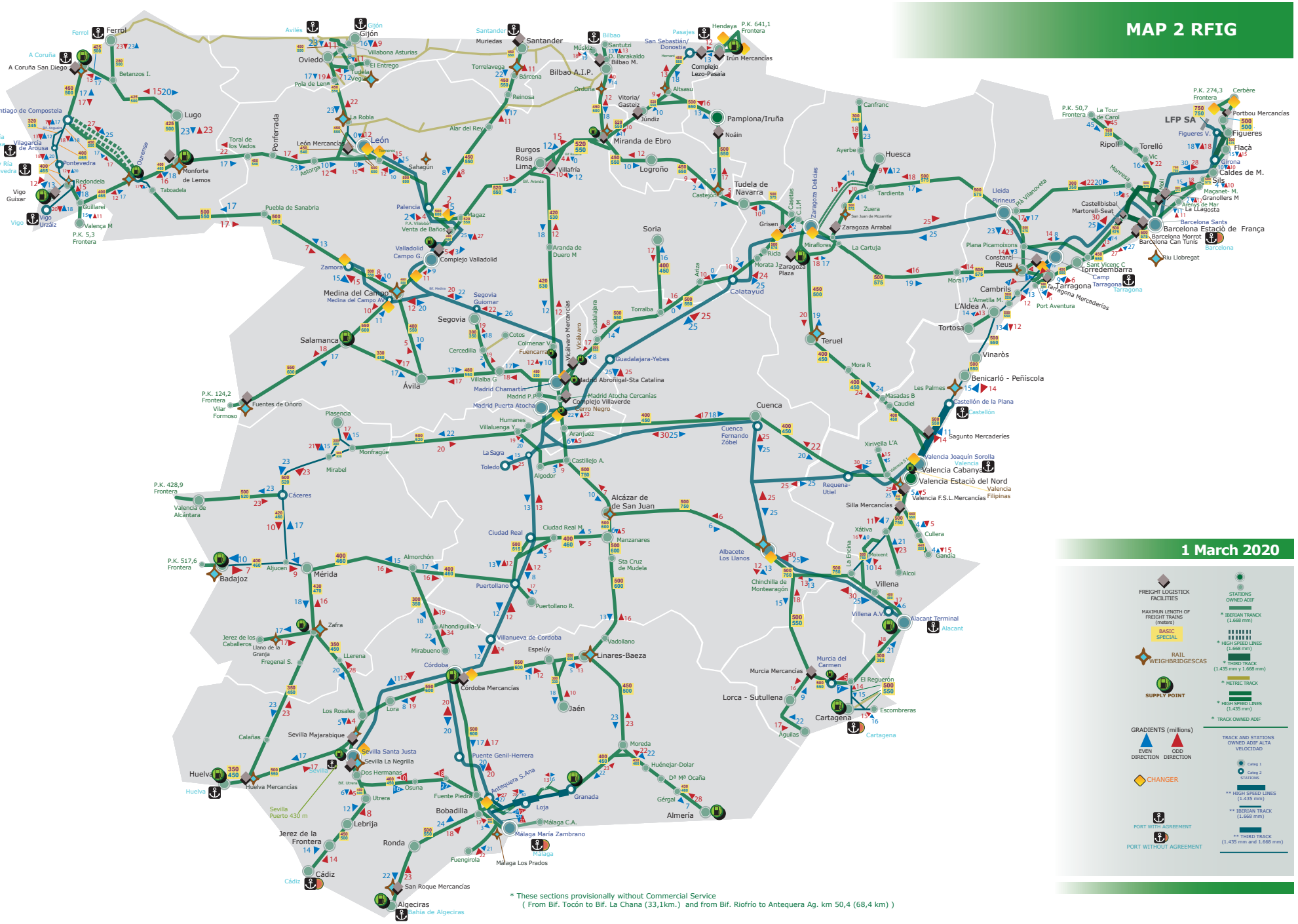
(From Bif. Tocón to Bif. La Chana (33,1km.) and from Bif. Riofrío to Antequera Ag. km 50,4 (68,4 km))

MAP 2 RFIG



1 March 2020

FREIGHT LOGISTICK FACILITIES

MAXMUN LENGTH OF FREIGHT TRAINS (meters)

BASIC

SPECIAL

RAIL WEIGHBRIDGESCAS

SUPPLY POINT

GRADIENTS (millions)

EVEN DIRECTION

ODD DIRECTION

CHANGER

PORT WITH AGREEMENT

PORT WITHOUT AGREEMENT

STATIONS OWNED ADIF

* IBERIAN TRANCK (1.668 mm)

* HIGH SPEED LINES (1.668 mm)

* THIRD TRACK (1.435 mm y 1.668 mm)

* METRIC TRACK

* HIGH SPEED LINES (1.435 mm)

* TRACK OWNED ADIF

TRACK AND STATIONS OWNED ADIF ALTA VELOCIDAD

Categ 1

Categ 2

STATIONS

** HIGH SPEED LINES (1.435 mm)

** IBERIAN TRACK (1.668 mm)

** THIRD TRACK (1.435 mm and 1.668 mm)

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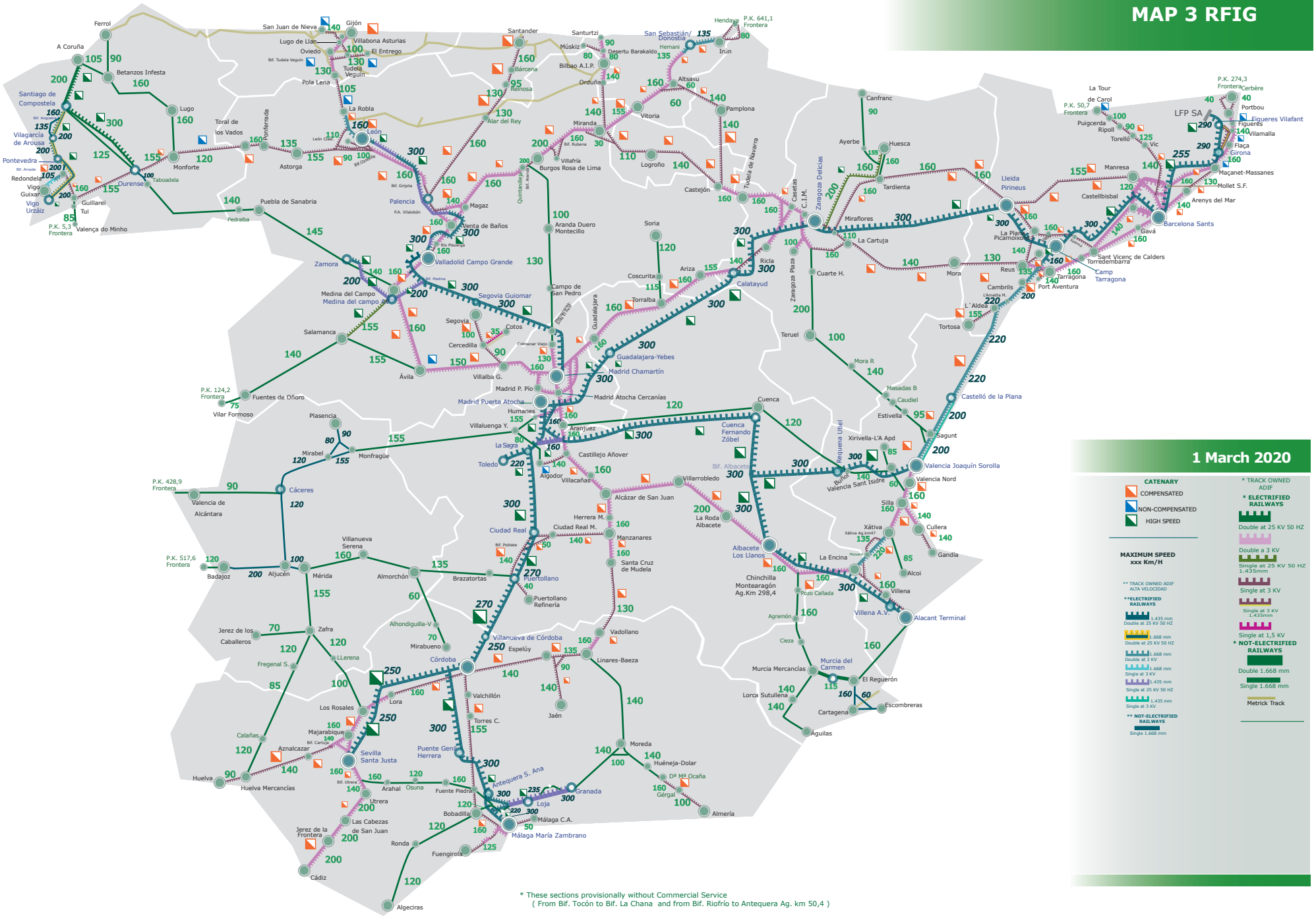
MAP 3 RFIG



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(From Bif. Tocón to Bif. La Chana and from Bif. Riofrío to Antequera Ag. km 50,4)

1 March 2020

CATENARY

- COMPENSATED
- NON-COMPENSATED
- HIGH SPEED

MAXIMUM SPEED
xxx Km/H

** 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 3 KV

** NOT-ELECTRIFIED RAILWAYS

- Single 1.668 mm

* TRACK OWNED ADIF

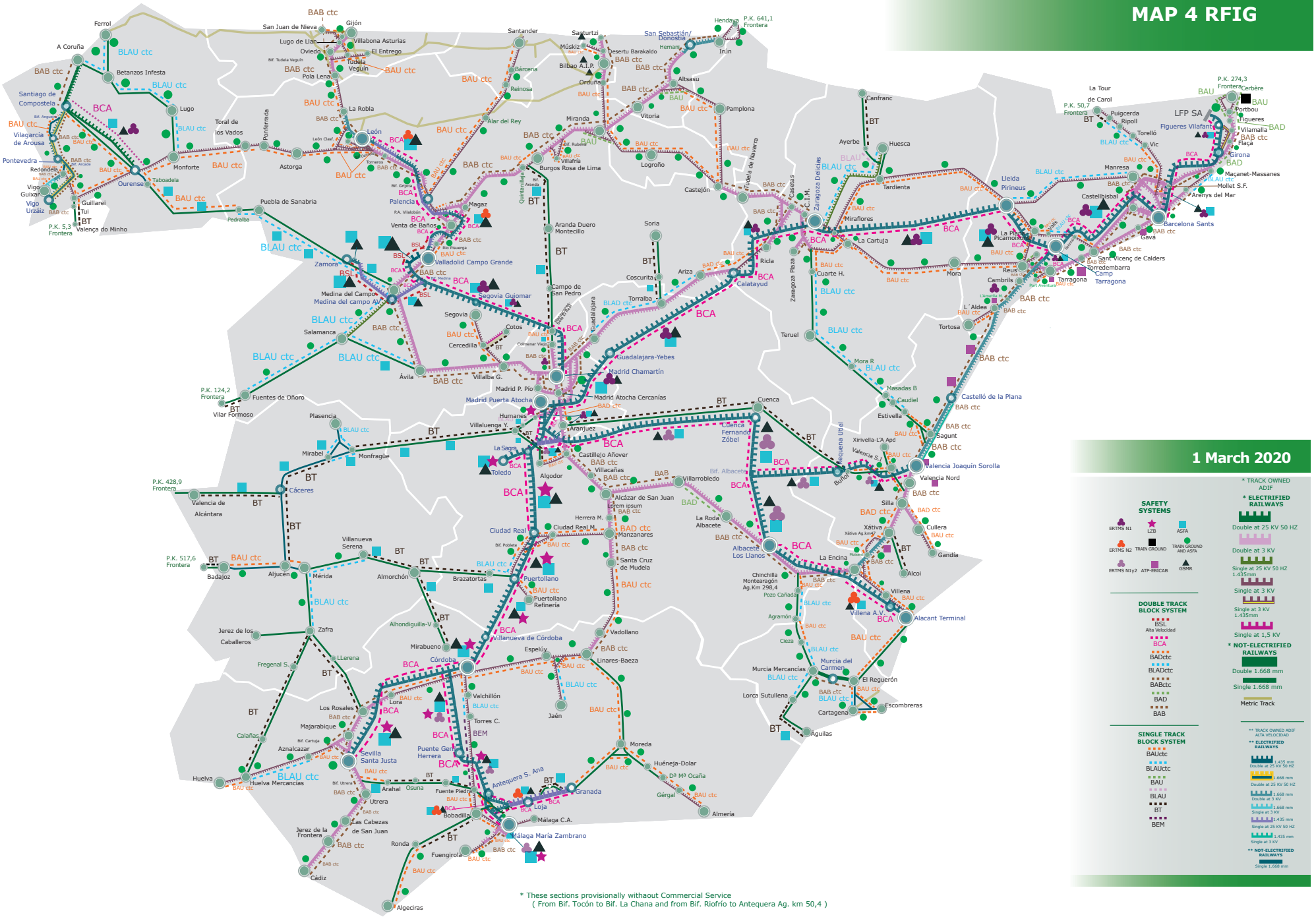
* ELECTRIFIED RAILWAYS

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

* NOT-ELECTRIFIED RAILWAYS

- Double 1.668 mm
- Single 1.668 mm
- Metrick Track

MAP 4 RFIG


1 March 2020
SAFETY SYSTEMS
ERTMS N1
LZB
ASFA
ERTMS N2
TRAIN GROUND
TRAIN GROUND AND ASFA
ERTMS N1y2
ATP-EBICAB
GSMR
DOUBLE TRACK BLOCK SYSTEM
BSL Alta Velocidad
BCA
BADctc
BLADctc
BABctc
BAD
BAB
SINGLE TRACK BLOCK SYSTEM
BAUctc
BLAUctc
BAU
BLAU
BT
BEM
* TRACK OWNED ADIF
* ELECTRIFIED RAILWAYS
Double at 25 KV 50 HZ
Double at 3 KV
Single at 25 KV 50 HZ 1.435mm
Single at 3 KV
Single at 3 KV 1.435mm
Single at 1,5 KV
* NOT-ELECTRIFIED RAILWAYS
Double 1.668 mm
Single 1.668 mm
Metric Track
** TRACK OWNED ADIF ALTA VELOCIDAD
** ELECTRIFIED RAILWAYS
** NOT-ELECTRIFIED RAILWAYS
Ferrol
A Coruña
Santiago de Compostela
Vilagarcía de Arousa
Pontevedra
Vigo Guixar
Vigo Urzáiz
Redondela
Guillarei
Tui
BT
Valença do Minho
P.K. 5,3 Frontera
Betanzos Infesta
Lugo
Monforte
Ourense
Taboadela
Toral de los Vados
Ponferrada
Astorga
Pedralba
Puebla de Sanabria
Zamora
Medina del Campo
Medina del campo AV
Salamanca
Fuentes de Oñoro
P.K. 124,2 Frontera
Vilar Formoso
Ávila
Segovia
Cercedilla
Segovia Guiomar
Valladolid Campo Grande
Venta de Baños
Palencia
Magaz
Cotos
Villalba G.
Madrid P. Pío
Madrid Puerta Atocha
Madrid Chamartín
Madrid Atocha Cercanías
Guadalajara-Yebes
Humanes
Villaluenga Y.
Aranjuez
La Sagra
Toledo
Algodor
Plasencia
Mirabel
Monfragüe
Cáceres
Valencia de Alcántara
P.K. 428,9 Frontera
P.K. 517,6 Frontera
Badajoz
Aljucén
Mérida
Villanueva Serena
Almorchón
Brazatortas
Zafra
Jerez de los Caballeros
Fregenal S.
LLerena
Los Rosales
Majarabique
Calañas
Aznalcazar
Sevilla Santa Justa
Huelva
Huelva Mercancías
Utrera
Arahal
Osuna
Las Cabezas de San Juan
Jerez de la Frontera
Cádiz
Algeciras
Ronda
Fuengirola
Bobadilla
Antequera S. Ana
Fuente Piedra
Puente Genil Herrera
Loja
Granada
Málaga C.A.
Málaga María Zambrano
Almería
Gérgal
Dª Mª Ocaña
Huéneja-Dolar
Moreda
Jaén
Linares-Baeza
Vadollano
Espeluy
Córdoba
Villanueva de Córdoba
Mirabueno
Alhondiguilla-V
Valchillón
Torres C.
Lora
Ciudad Real
Ciudad Real M.
Puertollano
Puertollano Refinería
Manzanares
Santa Cruz de Mudela
Herrera M.
Alcázar de San Juan
Lorem ipsum
Castillejo Añover
Villacañas
Villarrobledo
La Roda Albacete
Albacete Los Llanos
Chinchilla Montearagón Ag.Km 298,4
Pozo Cañada
Agramón
Cieza
Murcia Mercancías
Murcia del Carmen
El Reguerón
Lorca Sutullena
Cartagena
Escombreras
Aguilas
Villena A.V.
Villena
Alacant Terminal
Alcoi
Gandia
Xátiva
La Encina
Silla
Cullera
Valencia Nord
Valencia Joaquín Sorolla
Sagunt
Xirivella-L'A Apd
Estivella
Caudiel
Masadas B
Mora R
Teruel
Cuenca
Cuenca Fernando Zóbel
Tortosa
L´Aldea
Castelló de la Plana
Cambrils
Reus
Tarragona
Torredembarra
Camp Tarragona
Sant Vicenç de Calders
Gavà
Barcelona Sants
Arenys del Mar
Mollet S.F.
Maçanet-Massanes
Girona
Flaçà
Vilamalla
Figueres Vilafant
Figueres
Portbou
Cerbère
P.K. 274,3 Frontera
LFP SA
Vic
Torelló
Ripoll
Puigcerda
P.K. 50,7 Frontera
La Tour de Carol
Manresa
Castellbisbal
Lleida Pirineus
La Plana Picamoixons
La Cartuja
Miraflores
Cuarte H.
Mora
Tardienta
Huesca
Ayerbe
Canfranc
Zaragoza Delicias
Zaragoza Plaza
Casetas
A.C.I.M.
Ricla
Calatayud
Casteión
Logroño
Vitoria
Pamplona
Altsasu
Irún
Hendaya
P.K. 641,1 Frontera
San Sebastián/ Donostia
Hernani
Desertu Barakaldo
Bilbao A.I.P.
Orduña
Múskiz
Santurtzi
Santander
Barcena
Reinosa
Burgos Rosa de Lima
Villafría
Miranda
Aranda Duero Montecillo
Campo de San Pedro
Torralba
Coscurita
Ariza
Soria
Alar del Rey
Palencia
Venta de Baños
Pola Lena
Tudela Veguín
Oviedo
Lugo de Llan.
San Juan de Nieva
Gijón
Villabona Asturias
El Entrego
La Robla
León
Tarnaras
Ponferrada
Quintanilla
Guadalajara
Tudela de Navarra
Zaragoza Delicias
Zaragoza Plaza
Requena Utiel
Buñol
Valencia S.J.
Xátiva Ag.km4
Pinoso
Villena A.V.
Port Aventura
Port Tarragona
Sitges
Sant Boi
Sant Andreu
Sagrera
Mataró
Figueres
Vilafant
Portbou
Cerbère
Bif. Tudela Veguín
Bif. Argoño
Bif. Grijota
Bif. Aranda
Bif. Rubena
Bif. Cartuja
Bif. Utrera
Bif. Pobiete
Bif. Albacete
Río Pisuerga
Colmenar Viejo
P.A. Villalobón
León Clasf. A.
Arcade
Arenas
Cerbère
L'Hospitalet N.
L'Aldea
Sitges
Sant Andreu
Sagrera
Mataró
Figueres
Vilafant
Portbou
Cerbère
BT
BAU ctc
BAB ctc
BLAU ctc
BCA
BSL
BAD ctc
BLAD ctc
BABctc
BAD
BAB
BAUctc
BLAUctc
BAU
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