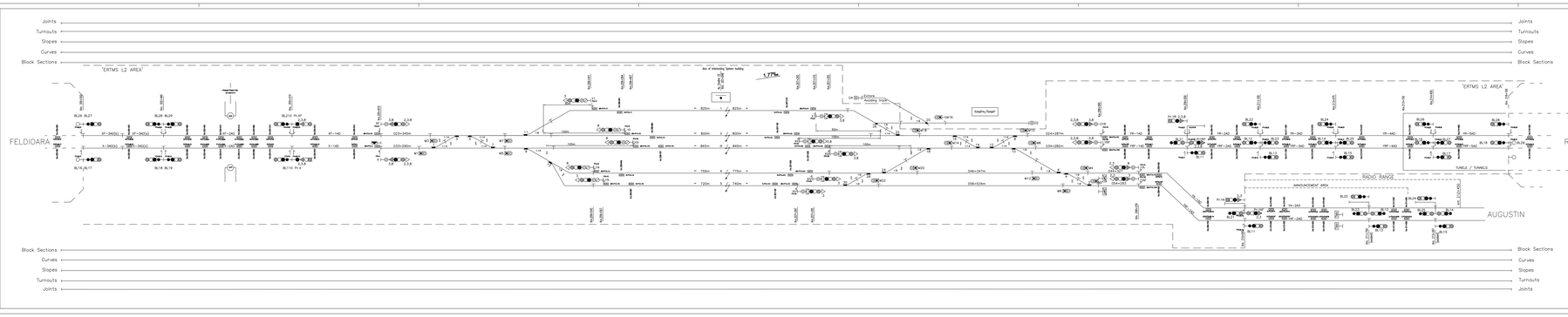



## Balise Group Identification

First Eurobalise of BG
Second Eurobalise of BG

a–bcd–e — "Nominal Direction" of BG

c — BG Function:
- C: Radio Connection
- A: Level Transition Announcement (LEVEL2)
- T: Level Transition
- P: Change of Phase (Traction Power) Resubstration
- R: Resubstration
- L1: Level Transition (Traditional Signaling System to ERTMS) / (ERTMS > Traditional Signaling System)

SR: Stop if in "Staff Responsible" Mode

bcd — ID-Station: BRS(thousands)- STP(hundreds)- BOD(tens)- FLD(Fieldcentre)-(Milliseconds)- BOA(tens)- ROA(hundreds)- ANT(Antenna)-(Milliseconds)- SSN(hundreds)-SSN(units)

e — Referred Object
- BG type R, SR: next signal
- BG type P: Change Phase axis in KM, side X of Y, numeral or reverse direction

## SYMBOLS

| | |
|---|---|
| BALISE GROUP | |
| END OF AUTHORITY (EoA) - "Nod" Balise Name Acronym - "A" Referred Signal | |
| EOA with RELEASE SPEED - "Nod" Balise Name Acronym - "A" Referred Signal | |
| JOINT | |
| TRACTION POWER - Change Phase Post | |

## Identificarea Grupului de Balize

Prima Eurobaliza de BG
A doua Eurobaliza de BG

a–bcd–e — "Directia Nominala" of BG

c — Functia BG:
- C: Conexiunea Radio
- A: Nivelul de Tranzitie Anuntat (LEVEL2)
- T: Nivelul de Tranzitie
- P: Schimbarea Faze (Puterea de Tractiune) Recalibrarea
- R: Recalibrarea
- L1: Nivelul de Tranzitie (Sistemul de Semnalizare Traditional > ERTMS) / (ERTMS > Sistemul de Semnalizare Traditional)

SR: Stop daca in Modul "Staff Responsible"

bcd — ID-Statie: BRS(thousands)- STP(hundreds)- BOD(tens)- FLD(Fieldcentre)-(Milliseconds)- BOA(tens)- ROA(hundreds)- ANT(Antenna)-(Milliseconds)- SSN(hundreds)-SSN(units)

e — Obiect de Referinta
- BG tip R, SR: semnal urmator
- BG tip P: Schimba faza axii in KM, axele X si Y, directie inversa sau numerala

## SIMBOLURI

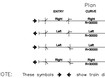
| | |
|---|---|
| GRUP DE BALIZE | |
| SFARSITUL AUTORITATII (EoA) - "Nod" NUME STATIE ACRONIM - "A" Semnal de Referinta | |
| EOA cu RELEASE SPEED - "Nod" NUME STATIE ACRONIM - "A" Semnal de Referinta | |
| IMBINARE | |
| PUTERE DE TRATIUNE - Schimbare faze de putere | |

Slope




NOTE: These symbols ◆ ◆ show train direction

Panta




NOTA: Aceste simboluri ◆ ◆ indica directia trenului

| Index / Indice | Date / Data | Modifiers / Modificari/Revizii | Checked / Verificat | Symbol Consultant Approval / Consultant | Symbol CFR Approval / CFR |
|---|---|---|---|---|---|
| D | | | | | |
| C | | | | | |
| B | | | | | |
| A | | | | | |

GUVERNUL ROMANIEI / ROMANIAN GOVERNMENT

PROIECT FINANTAT DE UNIUNEA EUROPEANA / EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.

CONSULTANT / CONSULTANT

| | | | Data / Date | Semnătura / Signature |
|---|---|---|---|---|
| Semnat / Approved | Project manager | R. Lucca | 10.01.2012 | |
| Aprobat / Approved | Director Proiectare / Design Director | C. Gambelli | 10.01.2012 | |
| Verificat / Checked | Expert Drum Fier Expert | P. Amedo | 10.01.2012 | |

| | | | | |
|---|---|---|---|---|
| Acceptat / Approved | Responsabil ERTMS / ERTMS Responsible | E. Staffetini | 10.01.2012 | |
| Intocmit / Drawn | Proiectant / Designer | M. Di Nuoia | 10.01.2012 | |

Reabilitarea liniei de cale ferata Brasov – Simeria, parte componenta a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h.
Brasov - Sighisoara
Rehabilitation of the railway line Brasov – Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h.
Section : Brasov - Sighisoara

Project/Proiect: 2004/RO/16/P/PA/003

Faza / Phase: P.Th. / T.D.

Denumire desen / Drawing Title :

**Statia / Station AFAFA**
**ERTMS Schita statiei cu semnalizarea**
**ERTMS Signalling sketch**

Codificare / Codification System

| Scara / Scale | Lista / Sheet |
|---|---|
| Fara / No scale | 1/1 |

| Nr. / No. |
|---|
| 01.01 |

B A S 1 0 1 C 0 0 0 X 0 0 0 0 1 3 0 0 1 3

3100x297