Balise Group Identification

a–bcd–e ⊳⊳ → "Nominal Direction" of BG (First Eurobalise of BG; Second Eurobalise of BG)

a → BG Function:
- C: Radio Connection
- A: Level Transition Announcement (L0>L2)
- D: RBC Disconnection
- P: Change of Phase (Traction Power) Recalibration
- R: Recalibration
- LT: Level Transition (Traditional Signalling System > ERTMS) (ERTMS > Traditional Signalling System)
- SR: Stop if in "Staff Responsible" Mode

bcd → ID–Station: BRS(Brasov)– STP(Stupini)– BDO(Bod)– FLD(Feldioara)– PTA(Apata)– RCS(Racos)– CTA(Cata)– RCH(Archita)– VNT(Vanatori)– LBS(Albesti)– SGH(Sighisoara)

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

Identificarea Grupului de Balize

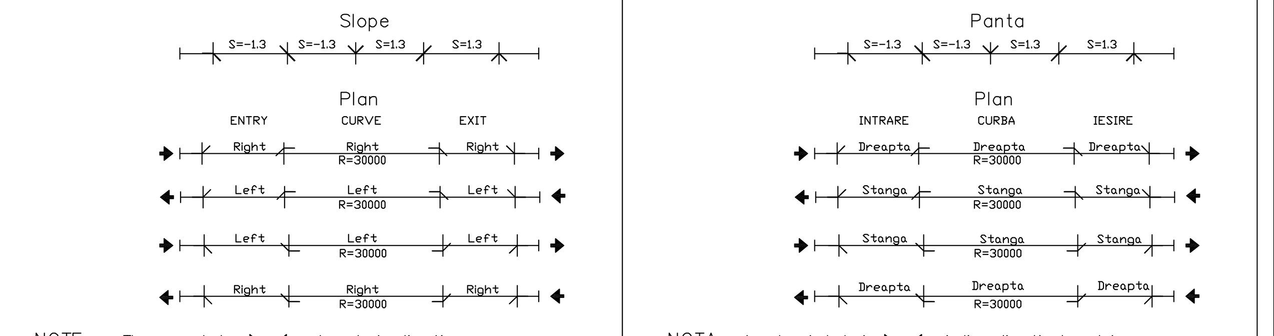
a–bcd–e ⊳⊳ → "Directia Nominala" of BG (Prima Eurobaliza de BG; A doua Eurobaliza de BG)

a → Functia BG :
- C: Conexiunea Radio
- A: Nivelul de Tranzitie Anuntat (L0>L2)
- D: Deconectare RBC
- P: Schimbarea Fazei (Putere de tractiune) Recalibrare
- R: Recalibrare
- LT: Nivelul de Tranzitie (Sistemul de Semnalizare Traditional > ERTMS) (ERTMS > Sistemul de Semnalizare Traditional)
- SR: Stop daca in Modul "Staff Responsible"

bcd → ID–Statia: BRS(Brasov)– STP(Stupini)– BDO(Bod)– FLD(Feldioara)– PTA(Apata)– RCS(Racos)– CTA(Cata)– RCH(Archita)– VNT(Vanatori)– LBS(Albesti)– SGH(Sighisoara)

e → Obiect de Referinta
- BG tip R, SR: semnal urmator
- BG tip F: Schimba faza axei in KM, partea X a lui Y, directie inversa sau nominala

	SYMBOLS		SIMBOLURI
⊳⊳	BALISE GROUP	⊳⊳	GRUP DE BALIZE
bcd–e bcd–e	END OF AUTHORITY (EoA) – 'bcd' Station Name Acronym – 'e' Referred Signal	bcd–e bcd–e	SFARSITUL AUTORITATII (EoA) – 'bcd' NUME STATIE ACRONIM – 'e' Semnal de Referinta
bcd–e bcd–e	EOA with RELASE SPEED – 'bcd' Station Name Acronym – 'e' Referred Signal	bcd–e bcd–e	EOA cu RELASE SPEED – 'bcd' NUME STATIE ACRONIM – 'e' Semnal de Referinta
T	JOINT	T	IMBINARE
km X+XXX CPP	TRACTION POWER – Change Phase Post	km X+XXX CPP	PUTERE DE TRATIUNE – Schimbare faza de post



NOTE: These symbols ➔ ⬅ show train direction

NOTA: Aceste simboluri ➔ ⬅ indica directia trenului

NOTA:
Introdus macazurile 2A, 16A, semnalele de manevra M2A, M12A, Opritorul O4 si sectiunile izolate 02, 16A
The points 2A,16A, the shunting signals M2A, M12A, the stopper and the insulated sections 02, 16A were introduced

Plan de referinta ALCATEL ESTW L90 RO-BV-1.1
Reference drawing ALCATEL ESTW L90 RO-BV-1.1

Indice / Index	Data / Date	Modificare / Modification/Revision	Proiectant / Designer	Aprobat Consultant / Approved Consultant	Aprobat CFR / Approved CFR
D					
C					
B					
A					

GUVERNUL ROMANIEI / ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ / EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT

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

ITALFERR – GRUPPO FERROVIE DELLO STATO – Joint Venture leader; Scott Wilson; OBERMEYER PLANEN + BERATEN GmbH; TECNIC Consulting Engineers

CONSULTANT / CONSULTANT			Data / Date	Semnătură / Signature
Aprobat / Approved	Şef proiect / Project manager	R. Liuzza	10.01.2012	[signature]
Aprobat / Approved	Coordonator Secțiune 1 / Section 1 Coordinator	C. Gambelli	10.01.2012	[signature]
Verificat / Checked	Expert Cheie / Key Expert	P. Amodio	10.01.2012	[signature]
Aprobat / Approved	Responsabil ERTMS / ERTMS Responsible	E. Stafferini	10.01.2012	[signature]
Întocmit / Elaborated	Proiectant / Designer	M. Di Nicola	10.01.2012	[signature]

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h,
Tronsonul : Braşov - Sighişoara
Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Braşov - Sighişoara

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

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

Denumire desen / Drawing Title :

Statia / Station BRASOV
ERTMS Schita statiei cu semnalizarea
ERTMS Signaling sketch

Codificare / Codification System	Scara / Scale: Fără / No scale	LOT / LOT	Nr. / No 01 / 01

EA51 01 C 01 UX SE 00 1 3 001 2

1890x594