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

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANŢAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

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

CLIENT / CLIENT

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	12.12.2011	
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C. Gambelli	12.12.2011	
Verificat Checked	Expert Cheie Key Expert	P. Amodio	12.12.2011	

SUBCONTRACTANT / SUBCONTRACTOR

AREX COMPANY

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A. Stanciu - Dinulescu	12.12.2011	
Întocmit Elaborated	Proiectant Designer	Ing. Topala Madalin	12.12.2011	

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia 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:
D.E. / D.D.

Denumire desen / Drawing Title :

Statia / Station RACOS
Fisele si regletele ramei B1
Wiring diagrams for B1 frame

Codificare / Codification System	Scara / Scale Fără / No scale	LOT / LOT	Nr. / No 01 / 11

EA51 01 E 11 BX SE 01 1 2 021 0

ESTE INTERZISA MODIFICAREA, INSTRAINAREA, COPIEREA SI MULTIPLICAREA ACESTOR SCHEME ELECTRICE SUB1 FORMA TIPARITA SAU ELECTRONICA, FARA APROBIAREA SCRISA A AREX, CARE ARE DREPTUL DE PROPRIETATE INTELECTUALA ASUPRA ACESTORA

AREX ISI REZERVA DREPTUL DE A MODIFICA ACESTE SCHEME ELECTRICE ATUNCI CAND ESTE NECESAR.

	1	2
9		NF1–2000 7–21–Si
8	NF1–2000 (25–29)d–Si	NF1–2000 31–Si
7	NF1–2000 013–C	NF1–2000 023–C
6	NF1–2000 1A–C	NF1–2000 1B–C
5	NF1–2000 2–Si	NF1–2000 064 C
4	NF1–2000 (20–24)b Si	NF1–2000 (20–24)c Si
3	2x1A	
2		
1		

Nr. crt.	Tip releu	buc.
1	NF1–2000	53
2	Sigurante de 1A	2
3		
4		
5		

Statia: RACOS

RAMA B1

3	4	5	6	7	8	9
NF1-2000 13-17-Si	NF1-2000 19-Si	NF1-2000 015-C	NF1-2000 23-Si	NF1-2000 25-29-Si	NF1-2000 (25-29)b-Si	NF1-2000 (25-29)c-Si
NF1-2000 33-35-Si	NF1-2000 025-C	NF1-2000 37-39-Si	NF1-2000 III-C	NF1-2000 5-C	NF1-2000 6-C	NF1-2000 7-C
NF1-2000 XB-1AD	NF1-2000 033-C	NF1-2000 XBF-1AD	NF1-2000 043-C	NF1-2000 1-Si	NF1-2000 3-5-Si	NF1-2000 9-15-Si
NF1-2000 002-C	NF1-2000 34-Si	NF1-2000 34b-Si	NF1-2000 YCF-1AD	NF1-2000 034 C	NF1-2000 YC-1AD	NF1-2000 044 C
NF1-2000 4-6 Si	NF1-2000 054 C	NF1-2000 8-16 Si	NF1-2000 10-14 Si	NF1-2000 18 Si	NF1-2000 26-28 Si	NF1-2000 20-24 Si
NF1-2000 (20-24)d Si	NF1-2000 056 C	NF1-2000 (30-32) Si	NF1-2000 (30-32)b Si	NF1-2000 066 C	NF1-2000 2 C	NF1-2000 IV C
34 VOLTMETRU ELECTRONIC TIP ICN-4 PENTRU MASURAREA CICLICA A CIRCUITELOR DE CALE						

RANDUL 3

39	38	34												31	
		INDICATOR CICLIC DE NIVEL ICN-4												2x1 A	
		CUPLA T1			CUPLA T2			CUPLA T3			CUPLA T4			S1	**Ax220**
1	1	CANAL		ADRESA	CANAL		ADRESA	CANAL		ADRESA	CANAL		ADRESA		B1-9-31
2	2	0-0	C3		2-0	C3	B1-10-32	4-0	C3	B1-10-29	6-0	C3	B1-9-26	S2	TG-C1
3	3	0-1	B3	B1-10-2	2-1	B3	B1-10-34	4-1	B3	B1-10-31	6-1	B3	B1-9-28	S3	**0x220** B1-9-35
4	4	0-2	A4	B1-10-4	2-2	A4	B1-10-1	4-2	A4	B1-10-33	6-2	A4	B1-9-30	S4	TG-B3
12	12	0-3	C6	B1-10-6	2-3	C6	B1-10-3	4-3	C6	B1-10-35	6-3	C6	B1-9-32		
11	11	0-4	B5	B1-10-8	2-4	B5	B1-10-5	4-4	B5	B1-9-2	6-4	B5	B1-9-34		
13	13	0-5	A5	B1-10-10	2-5	A5	B1-10-7	4-5	A5	B1-9-4	6-5	A5	B1-9-36		
22	22	0-6	A6	B1-10-12	2-6	A6	B1-10-9	4-6	A6	B1-9-6	6-6	A6			
21	21	0-7	B6	B1-10-14	2-7	B6	B1-10-11	4-7	B6	B1-9-8	6-7	B6			
23	23	1-0	C7	B1-10-16	3-0	C7	B1-10-13	5-0	C7	B1-9-10	7-0	C7			
32	32	1-1	B7	B1-10-18	3-1	B7	B1-10-15	5-1	B7	B1-9-12	7-1	B7			
31	31	1-2	A8	B1-10-20	3-2	A8	B1-10-17	5-2	A8	B1-9-14	7-2	A8			
33	33	1-3	A10	B1-10-22	3-3	A10	B1-10-19	5-3	A10	B1-9-16	7-3	A10			
42	42	1-4	C9	B1-10-24	3-4	C9	B1-10-21	5-4	C9	B1-9-18	7-4	C9			
41	41	1-5	B9	B1-10-26	3-5	B9	B1-10-23	5-5	B9	B1-9-20	7-5	B9			
43	43	1-6	C10	B1-10-28	3-6	C10	B1-10-25	5-6	C10	B1-9-22	7-6	C10			
52	52	1-7	B10	B1-10-30	3-7	B10	B1-10-27	5-7	B10	B1-9-24	7-7	B10			
51	51	A1-B1-C1 A2-B2-C2 MASA CUPLA			A1-B1-C1 A2-B2-C2 MASA CUPLA			A1-B1-C1 A2-B2-C2 MASA CUPLA			A1-B1-C1 A2-B2-C2 MASA CUPLA				
53	53														
62	62														
61	61														
63	63														
72	72														
71	71														
73	73														
82	82														
81	81														
83	83														

CUPLA TG		
ROL		ADRESA
Ax220	C1	1-S2
0x220	B3	1-S4
Protectie	A1	

B1-3

Statia: RACOS

ESTE INTERZISA MODIFICAREA, INSTRAINAREA, COPIEREA SI MULTIPLICAREA ACESTOR SCHEME ELECTRICE SUB1 FORMA TIPARITA SAU ELECTRONICA, FARA APROB1AREA SCRISA A AREX, CARE ARE DREPTUL DE PROPRIETATE INTELECTUALA ASUPRA ACESTORA
AREX ISI REZERVA DREPTUL DE A MODIFICA ACESTE SCHEME ELECTRICE ATUNCI CAND ESTE NECESAR.

RANDUL 4

	9		8		7		6		5		4		3		2		1
Nr. crt.	IV–C	Nr. crt.	2–C	Nr. crt.	066–C	Nr. crt.	(30–32)b–Si	Nr. crt.	30–32–Si	Nr. crt.	056–C	Nr. crt.	(20–24)d–Si	Nr. crt.	(20–24)c–Si	Nr. crt.	(20–24)b–Si
1		1		1		1		1		1		1		1		1	
2	B1–9–13	2	B1–9–9	2	B1–9–5	2	B1–9–1	2	6–11	2	B1–8–30	2	B1–8–26	2	B1–8–22	2	B1–8–18
3		3		3		3		3		3		3		3		3	
4	B1–9–15	4	B1–9–11	4	B1–9–7	4	B1–9–3	4	B1–8–36	4	B1–8–32	4	B1–8–28	4	B1–8–24	4	B1–8–20
12		12		12		12	B1–8–34	12		12		12	2–11	12	1–11	12	B1–8–14
11		11		11		11	5–2	11		11		11	59–2	11	3–12	11	2–12
13		13		13		13		13		13		13		13		13	
22	B1–4–18	22	B1–4–16	22	B1–3–14	22		22	B1–4–12	22	B1–4–10	22		22		22	
21	B1–4–17	21	B1–4–15	21	B1–4–13	21		21	B1–4–11	21	B1–4–9	21		21		21	
23	B1–5–17	23	B1–5–15	23	B1–5–13	23		23	B1–5–11	23	B1–5–9	23		23		23	
32		32		32		32		32		32		32		32		32	
31		31		31		31		31		31		31		31		31	
33		33		33		33		33		33		33		33		33	
42		42		42		42		42		42		42		42		42	
41		41		41		41		41		41		41		41		41	
43		43		43		43		43		43		43		43		43	
52		52		52		52		52		52		52		52		52	
51		51		51		51		51		51		51		51		51	
53		53		53		53		53		53		53		53		53	
62		62		62		62		62		62		62		62		62	
61		61		61		61		61		61		61		61		61	
63		63		63		63		63		63		63		63		63	
72		72		72		72		72		72		72		72		72	
71		71		71		71		71		71		71		71		71	
73		73		73		73		73		73		73		73		73	
82		82		82		82		82		82		82		82		82	
81		81		81		81		81		81		81		81		81	
83		83		83		83		83		83		83		83		83	

B1–4

ESTE INTERZISA MODIFICAREA, INSTRAINAREA, COPIEREA SI MULTIPLICAREA ACESTOR SCHEME ELECTRICE SUB1 FORMA TIPARITA SAU ELECTRONICA, FARA APROB1AREA SCRISA A AREX, CARE ARE DREPTUL DE PROPRIETATE INTELECTUALA ASUPRA ACESTORA
AREX ISI REZERVA DREPTUL DE A MODIFICA ACESTE SCHEME ELECTRICE ATUNCI CAND ESTE NECESAR.

RANDUL 5

	9		8		7		6		5		4		3		2		1
Nr. crt.	20–24–Si	Nr. crt.	26–28–Si	Nr. crt.	18–Si	Nr. crt.	10–14–Si	Nr. crt.	8–16–Si	Nr. crt.	054–C	Nr. crt.	4–6–Si	Nr. crt.	064–C	Nr. crt.	2 Si
1		1		1		1		1		1		1		1		1	
2	43–11	2	B1–8–10	2	B1–8–6	2	B1–8–2	2	B1–8–33	2	B1–8–29	2	B1–8–25	2	B1–8–21	2	B1–8–17
3		3		3		3		3		3		3		3		3	
4	B1–8–16	4	B1–8–12	4	B1–8–8	4	B1–8–4	4	B1–8–35	4	B1–8–31	4	B1–8–27	4	B1–8–23	4	B1–8–19
12		12		12		12		12		12		12		12		12	
11		11		11		11		11		11		11		11		11	
13		13		13		13		13		13		13		13		13	
22	B1–4–8	22	B1–4–6	22	B1–4–4	22	B1–4–2	22	B1–3–35	22	B1–3–33	22	B1–3–31	22	B1–3–29	22	B1–3–27
21	B1–4–7	21	B1–4–5	21	B1–4–3	21	B1–4–1	21	B1–2–36	21	B1–2–34	21	B1–2–32	21	B1–2–30	21	B1–2–28
23	B1–5–7	23	B1–5–5	23	B1–5–3	23	B1–5–1	23	B1–3–36	23	B1–3–34	23	B1–3–32	23	B1–3–30	23	B1–3–28
32		32		32		32		32		32		32		32		32	
31		31		31		31		31		31		31		31		31	
33		33		33		33		33		33		33		33		33	
42		42		42		42		42		42		42		42		42	
41		41		41		41		41		41		41		41		41	
43		43		43		43		43		43		43		43		43	
52		52		52		52		52		52		52		52		52	
51		51		51		51		51		51		51		51		51	
53		53		53		53		53		53		53		53		53	
62		62		62		62		62		62		62		62		62	
61		61		61		61		61		61		61		61		61	
63		63		63		63		63		63		63		63		63	
72		72		72		72		72		72		72		72		72	
71		71		71		71		71		71		71		71		71	
73		73		73		73		73		73		73		73		73	
82		82		82		82		82		82		82		82		82	
81		81		81		81		81		81		81		81		81	
83		83		83		83		83		83		83		83		83	

B1–5

ESTE INTERZISA MODIFICAREA, INSTRAINAREA, COPIEREA SI MULTIPLICAREA ACESTOR SCHEME ELECTRICE SUB1 FORMA TIPARITA SAU ELECTRONICA, FARA APROB1AREA SCRISA A AREX, CARE ARE DREPTUL DE PROPRIETATE INTELECTUALA ASUPRA ACESTORA
AREX ISI REZERVA DREPTUL DE A MODIFICA ACESTE SCHEME ELECTRICE ATUNCI CAND ESTE NECESAR.

RANDUL 6

	9		8		7		6		5		4		3		2		1
Nr. crt.	044-C	Nr. crt.	YC-1AD	Nr. crt.	034-C	Nr. crt.	YCF-1AD	Nr. crt.	34b-Si	Nr. crt.	34-Si	Nr. crt.	002-C	Nr. crt.	1B-C	Nr. crt.	1A-C
1		1		1		1		1		1		1		1		1	
2	B1-8-13	2	B1-8-9	2	B1-8-5	2	B1-8-1	2	B1-7-17	2	5-11	2	B1-7-9	2	B1-7-5	2	B1-7-1
3		3		3		3		3		3		3		3		3	
4	B1-8-15	4	B1-8-11	4	B1-8-7	4	B1-8-3	4	B1-7-19	4	B1-7-15	4	B1-7-11	4	B1-7-7	4	B1-7-3
12		12		12		12		12	B1-7-13	12		12		12		12	
11		11		11		11		11	4-2	11		11		11		11	
13		13		13		13		13		13		13		13		13	
22	B1-3-25	22	B1-3-23	22	B1-3-21	22	B1-1-19	22		22	B1-3-17	22	B1-3-15	22	B1-3-13	22	B1-3-11
21	B1-2-26	21	B1-2-24	21	B1-2-22	21	B1-2-20	21		21	B1-2-18	21	B1-2-16	21	B1-2-14	21	B1-2-12
23	B1-3-26	23	B1-3-24	23	B1-3-22	23	B1-3-20	23		23	B1-3-18	23	B1-3-16	23	B1-3-14	23	B1-3-12
32		32		32		32		32		32		32		32		32	
31		31		31		31		31		31		31		31		31	
33		33		33		33		33		33		33		33		33	
42		42		42		42		42		42		42		42		42	
41		41		41		41		41		41		41		41		41	
43		43		43		43		43		43		43		43		43	
52		52		52		52		52		52		52		52		52	
51		51		51		51		51		51		51		51		51	
53		53		53		53		53		53		53		53		53	
62		62		62		62		62		62		62		62		62	
61		61		61		61		61		61		61		61		61	
63		63		63		63		63		63		63		63		63	
72		72		72		72		72		72		72		72		72	
71		71		71		71		71		71		71		71		71	
73		73		73		73		73		73		73		73		73	
82		82		82		82		82		82		82		82		82	
81		81		81		81		81		81		81		81		81	
83		83		83		83		83		83		83		83		83	

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Statia: RACOS

ESTE INTERZISA MODIFICAREA, INSTRAINAREA, COPIEREA SI MULTIPLICAREA ACESTOR SCHEME ELECTRICE SUB1 FORMA TIPARITA SAU ELECTRONICA, FARA APROB1AREA SCRISA A AREX, CARE ARE DREPTUL DE PROPRIETATE INTELECTUALA ASUPRA ACESTORA
AREX ISI REZERVA DREPTUL DE A MODIFICA ACESTE SCHEME ELECTRICE ATUNCI CAND ESTE NECESAR.

RANDUL 7

	9		8		7		6		5	
Nr. crt.	9-15-Si	Nr. crt.	3-5-Si	Nr. crt.	1-Si	Nr. crt.	043-C	Nr. crt.	XBF-1AD	Nr. crt.
1		1		1		1		1		1
2	B1-7-34	2	B1-7-30	2	B1-7-26	2	B1-7-22	2	B1-7-18	2
3		3		3		3		3		3
4	B1-7-36	4	B1-7-32	4	B1-7-28	4	B1-7-24	4	B1-7-20	4
12		12		12		12		12		12
11		11		11		11		11		11
13		13		13		13		13		13
22	B1-3-9	22	B1-3-7	22	B1-3-5	22	B1-3-3	22	B1-3-1	22
21	B1-2-10	21	B1-2-8	21	B1-2-6	21	B1-2-4	21	B1-2-2	21
23	B1-3-10	23	B1-3-8	23	B1-3-6	23	B1-3-4	23	B1-3-2	23
32		32		32		32		32		32
31		31		31		31		31		31
33		33		33		33		33		33
42		42		42		42		42		42
41		41		41		41		41		41
43		43		43		43		43		43
52		52		52		52		52		52
51		51		51		51		51		51
53		53		53		53		53		53
62		62		62		62		62		62
61		61		61		61		61		61
63		63		63		63		63		63
72		72		72		72		72		72
71		71		71		71		71		71
73		73		73		73		73		73
82		82		82		82		82		82
81		81		81		81		81		81
83		83		83		83		83		83

Statia: RACOS

4		3		2		1
033-C	Nr. crt.	XB-1AD	Nr. crt.	023-C	Nr. crt.	013-C
	1		1		1	
B1-7-14	2	B1-7-10	2	B1-7-6	2	B1-7-2
	3		3		3	
B1-7-16	4	B1-7-12	4	B1-7-8	4	B1-7-4
	12		12		12	
	11		11		11	
	13		13		13	
B1-1-36	22	B1-1-34	22	B1-1-32	22	B1-1-30
B1-1-35	21	B1-1-33	21	B1-1-31	21	B1-1-29
B1-2-35	23	B1-2-33	23	B1-2-31	23	B1-2-29
	32		32		32	
	31		31		31	
	33		33		33	
	42		42		42	
	41		41		41	
	43		43		43	
	52		52		52	
	51		51		51	
	53		53		53	
	62		62		62	
	61		61		61	
	63		63		63	
	72		72		72	
	71		71		71	
	73		73		73	
	82		82		82	
	81		81		81	
	83		83		83	

B1-7

ESTE INTERZISA MODIFICAREA, INSTRAINAREA, COPIEREA SI MULTIPLICAREA ACESTOR SCHEME ELECTRICE SUB1 FORMA TIPARITA SAU ELECTRONICA, FARA APROB1AREA SCRISA A AREX, CARE ARE DREPTUL DE PROPRIETATE INTELECTUALA ASUPRA ACESTORA
AREX ISI REZERVA DREPTUL DE A MODIFICA ACESTE SCHEME ELECTRICE ATUNCI CAND ESTE NECESAR.

RANDUL 8

	9		8		7		6		5		4		3		2		1
Nr. crt.	7-C	Nr. crt.	6-C	Nr. crt.	5-C	Nr. crt.	III-C	Nr. crt.	37-39-Si	Nr. crt.	025-C	Nr. crt.	33-35-Si	Nr. crt.	31-C	Nr. crt.	(25-29)d-Si
1		1		1		1		1		1		1		1		1	
2	B1-6-29	2	B1-6-25	2	B1-6-21	2	B1-6-17	2	B1-6-13	2	B1-6-9	2	B1-6-5	2	B1-6-1	2	B1-6-34
3		3		3		3		3		3		3		3		3	
4	B1-6-31	4	B1-6-27	4	B1-6-23	4	B1-6-19	4	B1-6-15	4	B1-6-11	4	B1-6-7	4	B1-6-3	4	B1-6-36
12		12		12		12		12		12		12		12		12	B1-6-22
11		11		11		11		11		11		11		11		11	99-12
13		13		13		13		13		13		13		13		13	
22	B1-1-28	22	B1-1-26	22	B1-1-24	22	B1-1-22	22	B1-1-20	22	B1-1-18	22	B1-31-16	22	B1-1-14	22	
21	B1-1-27	21	B1-1-25	21	B1-1-23	21	B1-1-21	21	B1-1-19	21	B1-1-17	21	B1-1-15	21	B1-1-13	21	
23	B1-2-27	23	B1-2-25	23	B1-2-23	23	B1-2-21	23	B1-2-19	23	B1-2-17	23	B1-2-15	23	B1-2-13	23	
32		32		32		32		32		32		32		32		32	
31		31		31		31		31		31		31		31		31	
33		33		33		33		33		33		33		33		33	
42		42		42		42		42		42		42		42		42	
41		41		41		41		41		41		41		41		41	
43		43		43		43		43		43		43		43		43	
52		52		52		52		52		52		52		52		52	
51		51		51		51		51		51		51		51		51	
53		53		53		53		53		53		53		53		53	
62		62		62		62		62		62		62		62		62	
61		61		61		61		61		61		61		61		61	
63		63		63		63		63		63		63		63		63	
72		72		72		72		72		72		72		72		72	
71		71		71		71		71		71		71		71		71	
73		73		73		73		73		73		73		73		73	
82		82		82		82		82		82		82		82		82	
81		81		81		81		81		81		81		81		81	
83		83		83		83		83		83		83		83		83	

B1-8

Statia: RACOS

ESTE INTERZISA MODIFICAREA, INSTRAINAREA, COPIEREA SI MULTIPLICAREA ACESTOR SCHEME ELECTRICE SUB1 FORMA TIPARITA SAU ELECTRONICA, FARA APROB1AREA SCRISA A AREX, CARE ARE DREPTUL DE PROPRIETATE INTELECTUALA ASUPRA ACESTORA
AREX ISI REZERVA DREPTUL DE A MODIFICA ACESTE SCHEME ELECTRICE ATUNCI CAND ESTE NECESAR.

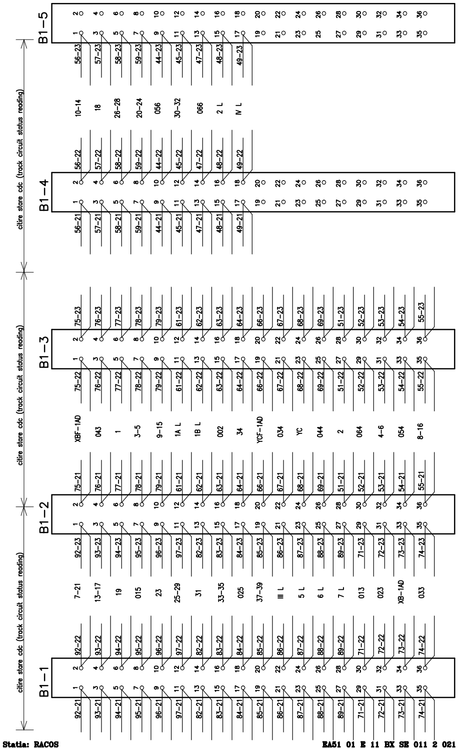
Sta

RANDUL 9

	9		8		7		6		5		4		3		2		1
Nr. crt.	(25–29)c–Si	Nr. crt.	(25–29)b–Si	Nr. crt.	25–29–Si	Nr. crt.	23–Si	Nr. crt.	015–C	Nr. crt.	19–Si	Nr. crt.	13–17–Si	Nr. crt.	7–21–Si	Nr. crt.	
1		1		1		1		1		1		1		1		1	
2	B1–6–30	2	B1–6–26	2	8–11	2	B1–6–18	2	B1–6–14	2	B1–6–10	2	B1–6–6	2	B1–6–2	2	
3		3		3		3		3		3		3		3		3	
4	B1–6–32	4	B1–6–28	4	B1–6–24	4	B1–6–20	4	B1–6–16	4	B1–6–12	4	B1–6–8	4	B1–6–4	4	
12	81–11	12	9–11	12		12		12		12		12		12		12	
11	8–12	11	7–2	11		11		11		11		11		11		11	
13		13		13		13		13		13		13		13		13	
22		22		22	B1–1–12	22	B1–1–10	22	B1–1–8	22	B1–1–6	22	B1–1–4	22	B1–1–2	22	
21		21		21	B1–1–11	21	B1–1–9	21	B1–1–7	21	B1–1–5	21	B1–1–3	21	B1–1–1	21	
23		23		23	B1–2–11	23	B1–2–9	23	B1–2–7	23	B1–2–5	23	B1–2–3	23	B1–2–1	23	
32		32		32		32		32		32		32		32		32	
31		31		31		31		31		31		31		31		31	
33		33		33		33		33		33		33		33		33	
42		42		42		42		42		42		42		42		42	
41		41		41		41		41		41		41		41		41	
43		43		43		43		43		43		43		43		43	
52		52		52		52		52		52		52		52		52	
51		51		51		51		51		51		51		51		51	
53		53		53		53		53		53		53		53		53	
62		62		62		62		62		62		62		62		62	
61		61		61		61		61		61		61		61		61	
63		63		63		63		63		63		63		63		63	
72		72		72		72		72		72		72		72		72	
71		71		71		71		71		71		71		71		71	
73		73		73		73		73		73		73		73		73	
82		82		82		82		82		82		82		82		82	
81		81		81		81		81		81		81		81		81	
83		83		83		83		83		83		83		83		83	

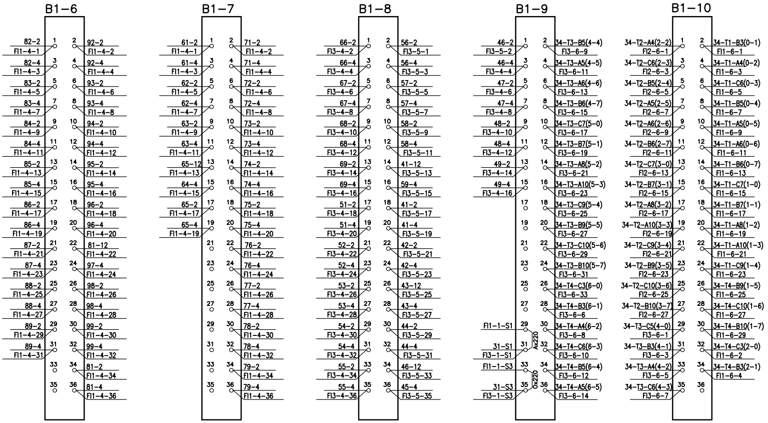
B1–9

ESTE INTERZISA MODIFICAREA, INSTRAINAREA, COPIEREA SI MULTIPLICAREA ACESTOR SCHEME ELECTRICE SUB1 FORMA TIPARITA SAU ELECTRONICA, FARA APROB1AREA SCRISA A AREX, CARE ARE DREPTUL DE PROPRIETATE INTELECTUALA ASUPRA ACESTORA
AREX ISI REZERVA DREPTUL DE A MODIFICA ACESTE SCHEME ELECTRICE ATUNCI CAND ESTE NECESAR.



ESTE INTERZISA MODIFICAREA, INSTRAINAREA, COPIEREA SI MULTIPLICAREA ACESTOR SCHEME ELECTRICE SUB1 FORMA TIPARITA SAU ELECTRONICA, FARA APROB1AREA SCRISA A AREX, CARE ARE DREPTUL DE PROPRIETATE INTELECTUALA ASUPRA ACESTORA
AREX ISI REZERVA DREPTUL DE A MODIFICA ACESTE SCHEME ELECTRICE ATUNCI CAND ESTE NECESAR.

Statia: RACOS



B1-6

82-2 FI1-4-1	1	2	92-2 FI1-4-2
82-4 FI1-4-3	3	4	92-4 FI1-4-4
83-2 FI1-4-5	5	6	93-2 FI1-4-6
83-4 FI1-4-7	7	8	93-4 FI1-4-8
84-2 FI1-4-9	9	10	94-2 FI1-4-10
84-4 FI1-4-11	11	12	94-4 FI1-4-12
85-2 FI1-4-13	13	14	95-2 FI1-4-14
85-4 FI1-4-15	15	16	95-4 FI1-4-16
86-2 FI1-4-17	17	18	96-2 FI1-4-18
86-4 FI1-4-19	19	20	96-4 FI1-4-20
87-2 FI1-4-21	21	22	81-12 FI1-4-22
87-4 FI1-4-23	23	24	97-4 FI1-4-24
88-2 FI1-4-25	25	26	98-2 FI1-4-26
88-4 FI1-4-27	27	28	98-4 FI1-4-28
89-2 FI1-4-29	29	30	99-2 FI1-4-30
89-4 FI1-4-31	31	32	99-4 FI1-4-32
	33	34	81-2 FI1-4-34
	35	36	81-4 FI1-4-36

B1-7

61-2 FI1-4-1	1	2	71-2 FI1-4-2
61-4 FI1-4-3	3	4	71-4 FI1-4-4
62-2 FI1-4-5	5	6	72-2 FI1-4-6
62-4 FI1-4-7	7	8	72-4 FI1-4-8
63-2 FI1-4-9	9	10	73-2 FI1-4-10
63-4 FI1-4-11	11	12	73-4 FI1-4-12
65-12 FI1-4-13	13	14	74-2 FI1-4-14
64-4 FI1-4-15	15	16	74-4 FI1-4-16
65-2 FI1-4-17	17	18	75-2 FI1-4-18
65-4 FI1-4-19	19	20	75-4 FI1-4-20
	21	22	76-2 FI1-4-22
	23	24	76-4 FI1-4-24
	25	26	77-2 FI1-4-26
	27	28	77-4 FI1-4-28
	29	30	78-2 FI1-4-30
	31	32	78-4 FI1-4-32
	33	34	79-2 FI1-4-34
	35	36	79-4 FI1-4-36

B1-8

66-2 FI3-4-2	1	2	56-2 FI3-5-1
66-4 FI3-4-4	3	4	56-4 FI3-5-3
67-2 FI3-4-6	5	6	57-2 FI3-5-5
67-4 FI3-4-8	7	8	57-4 FI3-5-7
68-2 FI3-4-10	9	10	58-2 FI3-5-9
68-4 FI3-4-12	11	12	58-4 FI3-5-11
69-2 FI3-4-14	13	14	41-12 FI3-5-13
69-4 FI3-4-16	15	16	59-4 FI3-5-15
51-2 FI3-4-18	17	18	41-2 FI3-5-17
51-4 FI3-4-20	19	20	41-4 FI3-5-19
52-2 FI3-4-22	21	22	42-2 FI3-5-21
52-4 FI3-4-24	23	24	42-4 FI3-5-23
53-2 FI3-4-26	25	26	43-12 FI3-5-25
53-4 FI3-4-28	27	28	43-4 FI3-5-27
54-2 FI3-4-30	29	30	44-2 FI3-5-29
54-4 FI3-4-32	31	32	44-4 FI3-5-31
55-2 FI3-4-34	33	34	46-12 FI3-5-33
55-4 FI3-4-36	35	36	45-4 FI3-5-35

B1-9

46-2 FI3-5-2	1	2	34-T3-B5(4-4) FI3-6-9
46-4 FI3-4-4	3	4	34-T3-A5(4-5) FI3-6-11
47-2 FI3-4-6	5	6	34-T3-A6(4-6) FI3-6-13
47-4 FI3-4-8	7	8	34-T3-B6(4-7) FI3-6-15
48-2 FI3-4-10	9	10	34-T3-C7(5-0) FI3-6-17
48-4 FI3-4-12	11	12	34-T3-B7(5-1) FI3-6-19
49-2 FI3-4-14	13	14	34-T3-A8(5-2) FI3-6-21
49-4 FI3-4-16	15	16	34-T3-A10(5-3) FI3-6-23
	17	18	34-T3-C9(5-4) FI3-6-25
	19	20	34-T3-B9(5-5) FI3-6-27
	21	22	34-T3-C10(5-6) FI3-6-29
	23	24	34-T3-B10(5-7) FI3-6-31
	25	26	34-T4-C3(6-0) FI3-6-33
	27	28	34-T4-B3(6-1) FI3-6-6
FI1-1-S1	29	30	34-T4-A4(6-2) FI3-6-8
31-S1 FI3-1-S1	31	32	34-T4-C6(6-3) FI3-6-10
FI1-1-S3	33	34	34-T4-B5(6-4) FI3-6-12
31-S3 FI3-1-S3	35	36	34-T4-A5(6-5) FI3-6-14

B1-10

34-T2-A4(2-2) FI2-6-1	1	2	34-T1-B3(0-1) FI1-6-1
34-T2-C6(2-3) FI2-6-3	3	4	34-T1-A4(0-2) FI1-6-3
34-T2-B5(2-4) FI2-6-5	5	6	34-T1-C6(0-3) FI1-6-5
34-T2-A5(2-5) FI2-6-7	7	8	34-T1-B5(0-4) FI1-6-7
34-T2-A6(2-6) FI2-6-9	9	10	34-T1-A5(0-5) FI1-6-9
34-T2-B6(2-7) FI2-6-11	11	12	34-T1-A6(0-6) FI1-6-11
34-T2-C7(3-0) FI2-6-13	13	14	34-T1-B6(0-7) FI1-6-13
34-T2-B7(3-1) FI2-6-15	15	16	34-T1-C7(1-0) FI1-6-15
34-T2-A8(3-2) FI2-6-17	17	18	34-T1-B7(1-1) FI1-6-17
34-T2-A10(3-3) FI2-6-19	19	20	34-T1-A8(1-2) FI1-6-19
34-T2-C9(3-4) FI2-6-21	21	22	34-T1-A10(1-3) FI1-6-21
34-T2-B9(3-5) FI2-6-23	23	24	34-T1-C9(1-4) FI1-6-23
34-T2-C10(3-6) FI2-6-25	25	26	34-T4-B9(1-5) FI1-6-25
34-T2-B10(3-7) FI2-6-27	27	28	34-T4-C10(1-6) FI1-6-27
34-T3-C5(4-0) FI3-6-1	29	30	34-T4-B10(1-7) FI1-6-29
34-T3-B3(4-1) FI3-6-3	31	32	34-T4-C3(2-0) FI1-6-2
34-T3-A4(4-2) FI3-6-5	33	34	34-T4-B3(2-1) FI1-6-4
34-T3-C6(4-3) FI3-6-7	35	36	

EA51 01 E 11 BX SE 011 2 021 0