



TRAIN DESCRIBER - CONTROL TABLES

SIGNALBOX : UPMINSTER
PLAN NUMBER : 92-RS-18/1
ISSUE : MG2
PREPARED BY : 
DATE : 24-05-2011
CHECKED BY : 

ATR CODES : ATR CODES ARE NOT REQUIRED
BY SEMA GROUP

EXTERNAL SYSTEMS : STRATFORD IECC

VDU MAP REFERENCES : LONDON W1S1, S3, S4

DEFAULT MAPS : OCU REF MAP
W1 W1S1

<u>RAPID ADDRESSES</u>	: <u>BERTH(S) OCU</u>	<u>KEYTOP</u>	<u>LEGEND</u>
C507	W1	A	
C505	W1	B	
C103	W1	C	
C101	W1	D	
0516	W1	E	
0517	W1	F	

BERTH OCCUPIED LABELS : LABEL BERTH(S)
NOT APPLICABLE TO LT&S

CLASS OUTPUT LABELS : LABEL BERTH(S)

British Rail (NSE)
CENTRAL HOUSE
CLIFFTOWN ROAD
SOUTHEND
ESSEX SS1 1AB

Produced		24-05-2011
Checked		24/5/2011

Revisions

14: Added UAPP condition to steps.
MG1: West Ham Resignalling Project
MG2: West Ham Resignalling Project update in line with Modification
Sheets WHM/MOD/001 and WHM/MOD/002.

British Rail (NSE)
CENTRAL HOUSE
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14: Added UAPP condition to steps.
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MG2: West Ham Resignalling Project update in line with DeltaRail
Modification sheets WHM/MOD/001 and WHM/MOD/002.

NOTES

- 1.THE STEP TYPE 'Q' IS A QUIET, NORMAL STEP.
- 2.THE STEP TYPE 'S' IS A SPECIAL, QUIET, COPY STEP.

3. THE FOLLOWING IS A LIST OF AUTOMATIC CODE INSERTION BERTHS:-

FENCHURCH STREET PLATFORM 1	A507 B507 C507
PLATFORM 2	A505 B505 C505
PLATFORM 3	A103 B103 C103
PLATFORM 4	A101 B101 C101
GAS FACTORY JUNCTION	0516 0517

BERTH TYPE		TO TO/	
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER]. CONDITIONS
1:A101	N,B		F101 C [A101]
2:			0105 N [AAD], R101A1M
3:			0105 N [AAD], R101A2M
4:			0509 N [AAD], R101BM
5:			ACO N [-B101], -AAA. -AAB. -AAC
6:B101	N,B		A101 N [-S101], -A101.B101
7:			F101 C [B101], -A101
8:			F101 C [-A101], B101
9:			ACO N [-C101], -AAA. -AAB. -AAC
10:C101	N,BS	W1	A101 N [-S101], -A101. -B101.C101
11:			F101 C [C101], -A101. -B101
12:			F101 C [-B101], -A101.C101
13:			F101 C [-A101], -B101.C101
14:			ACO N [-R101], -AAA. -AAB. -AAC
15:F101	N		ACO N [-A101], -B101. -C101
16:			ACO N [-B101], -A101. -C101
17:			ACO N [-C101], -A101. -B101
18:R101	N		ACO N [-AAC], -AAA. -AAB
19:A103	N,B		F103 C [A103]
20:			0105 N [ABD], R103A1M
21:			0105 N [ABD], R103A2M
22:			0509 N [ABD], R103BM
23:			ACO N [-B103], -ABA. -ABB. -ABC
24:B103	N,B		A103 N [-S103], -A103.B103
25:			F103 C [B103], -A103
26:			F103 C [-A103], B103
27:			ACO N [-C103], -ABA. -ABB. -ABC
28:C103	N,BS	W1	A103 N [-S103], -A103. -B103.C103
29:			F103 C [C103], -A103. -B103

ISSUE MG2: May 2011

PREPARED BY: [REDACTED]

CHECKED BY: [REDACTED]

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BERTH TYPE		TO TO/	
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
30:			F103 C [-B103],-A103.C103
31:			F103 C [-A103],-B103.C103
32:			ACO N [-R103],-ABA.-ABB.-ABC
33:F103	N		ACO N [-A103],-B103.-C103
34:			ACO N [-B103],-A103.-C103
35:			ACO N [-C103],-A103.-B103
36:R103	N		ACO N [-ABC],-ABA.-ABB
37:0105	N		R507 N [AAF],R1004AS
38:			R505 N [AAF],R1004BS
39:			R103 N [AAF],R1004C1S
40:			R103 N [AAF],R1004C2S
41:			R101 N [AAF],R1004D1S
42:			R101 N [AAF],R1004D2S
43:			0107 N [AAK],AAH
44:0106	N		R507 N [ABH],R106AM
45:			R507 N [ABH],R106AC
46:			R505 N [ABH],R106BM
47:			R505 N [ABH],R106BC
48:			R103 N [ABH],R106C1M
49:			R103 N [ABH],R106C1C
50:			R103 N [ABH],R106C2M
51:			R103 N [ABH],R106C2C
52:			R101 N [ABH],R106D1M
53:			R101 N [ABH],R106D1C
54:			R101 N [ABH],R106D2M
55:			R101 N [ABH],R106D2C
56:0107	N		0113 N [AAN],R107M
57:0108	N		0106 N [ABM],R108M

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CHECKED BY: [REDACTED]

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BERTH TYPE		TO TO/	
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER]. CONDITIONS
58:0112	N		0512 N [ABR], R112AM
59:			0108 N [ABR], R112BM
60:0113	N		0115 N [ADB], ADA
61:0115	N		0117 N [ADD], ADB
62:0116	N		0112 N [AUC], R116M
63:0117	N		0119 N [ADF], ADD
64:0118	N		0116 N [AUD], AUE
65:0119	N		0123 N [ADG], ADF
66:0120	N		0118 N [AUE], AUF
67:0122	N		0120 N [AUF], AUG
68:0123	N		0125 N [BDA], ADG
69:0124	N		0122 N [AUG], BUA
70:0125	N		0127 N [BDB], BDA
71:			UAPP C [L129STEP], -0129.-0127.0125.-UAPP
72:0126	N		0124 N [BUA], BUB
73:			0516 N [BUC], R1011S.BLB
74:			0517 N [BUC], R1011S.-BLB
75:0127	N		0129 N [BDC], BDB
76:			UAPP C [L129STEP], -0129.0127.-UAPP
77:0128	N		0126 N [BUC], R128M
78:0129	N		L235 N [BDE], R129AM
79:			0131 N [BDE], R129BM
80:			UAPP C [L129STEP], 0129.-UAPP
81:0130	N		0516 N [BUG], R130AM
82:			0128 N [BUG], R130BM
83:0131	N		0133 N [BDH], BDG
84:			0517 N [BDF], R1012AS.BLB
85:			0516 N [BDF], R1012AS.-BLB
86:			0128 N [BDF], R1012BS

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BERTH TYPE		TO TO/
ITEM	BERTH CHARACTERISTICS	OCU SYST TXAD S [TRIGGER]. CONDITIONS
87:0132	N	0130 N [BUH], BUJ
88:0133	N	0137 N [BDJ], BDH
89:0134	N	0132 N [BUJ], BUK
90:0136	N	0134 N [BUK], BUL
91:0137	N	0139 N [BDL], BDK
92:0138	N	0136 N [BUL], BUM
93:0139	N	0141 N [BDM], BDL
94:0140	N	0138 N [BUM], BUN
95:0141	N	0143 N [BDN], BDM
96:0143	N	0145 N [BDP], BDN
97:0145	N	0147 N [BDQ], BDP
98:0146	N	0140 N [BUP], BUQ
99:A505	N, B	F505 C [A505]
100:		0105 N [ACD], R505AM
101:		0509 N [ACD], R505B1M
102:		0509 N [ACD], R505B2M
103:A505	N, B	ACO N [-B505], -ACA. -ACB. -ACC
104:B505	N, B	A505 N [-S505], -A505. B505
105:		F505 C [B505], -A505
106:		F505 C [-A505], B505
107:		ACO N [-C505], -ACA. -ACB. -ACC
108:C505	N, BS	A505 N [-S505], -A505. -B505. C505
109:		F505 C [C505], -A505. -B505
110:		F505 C [-B505], -A505. C505
111:		F505 C [-A505], -B505. C505
112:		ACO N [-R505], -ACA. -ACB. -ACC
113:F505	N	ACO N [-A505], -B505. -C505
114:		ACO N [-B505], -A505. -C505

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CHECKED BY: [REDACTED]

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BERTH TYPE		TO	TO/
ITEM BERTH CHARACTERISTICS OCU SYST TXAD S [TRIGGER].CONDITIONS			
115:		ACO N	[-C505], -A505.-B505
116:R505	N	ACO N	[-ACC], -ACA.-ACB
117:A507	N,B	F507 C	[A507]
118:		0105 N	[AED], R507AM
119:		0509 N	[AED], R507B1M
120:		0509 N	[AED], R507B2M
121:		ACO N	[-B507], -AEA.-AEB.-AEC
122:B507	N,B	A507 N	[-S507], -A507.B507
123:		F507 C	[B507], -A507
124:		F507 C	[-A507], B507
125:		ACO N	[-C507], -AEA.-AEB.-AEC
126:C507	N,BS	A507 N	[-S507], -A507.-B507.C507
127:		F507 C	[C507], -A507.-B507
128:		F507 C	[-B507], -A507.C507
129:		F507 C	[-A507], -B507.C507
130:		ACO N	[-R507], -AEA.-AEB.-AEC
131:F507	N	ACO N	[-A507], -B507.-C507
132:		ACO N	[-B507], -A507.-C507
133:		ACO N	[-C507], -A507.-B507
134:R507	N	ACO N	[-AEC], -AEA.-AEB
135:0509	N	R507 N	[ACG], R1002A1S
136:		R507 N	[ACG], R1002A2S
137:		R505 N	[ACG], R1002B1S
138:		R505 N	[ACG], R1002B2S
139:		R103 N	[ACG], R1002CS
140:		R101 N	[ACG], R1002DS
141:		0511 N	[ACK], ACH
142:0510	N	R507 N	[AEH], R510A1M
143:		R507 N	[AEH], R510A1C

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CHECKED BY: [REDACTED]

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BERTH TYPE			TO	TO/
ITEM	BERTH CHARACTERISTICS	OCU	SYST	TXAD S [TRIGGER].CONDITIONS
144:			R507 N	[AEH], R510A2M
145:			R507 N	[AEH], R510A2C
146:			R505 N	[AEH], R510B1M
147:			R505 N	[AEH], R510B1C
148:			R505 N	[AEH], R510B2M
149:			R505 N	[AEH], R510B2C
150:			R103 N	[AEH], R510CM
151:			R103 N	[AEH], R510CC
152:			R101 N	[AEH], R510DM
153:			R101 N	[AEH], R510DC
154:0511	N		0113 N	[ACN], R511M
155:0512	N		0510 N	[AEM], R512M
156:0516	N,S	W1	0126 N	[BLA], R516M
157:			0517 N	[-S517], 0516.-0517
158:			0517 N	[R1011S], -0517.0516
159:			ACO N	[-BLB], 0516.UBUEBA
160:			UAPP C	[L517STEP], -0517.0516.-UAPP
161:			DB01 C	[0516]
162:			DB01 C	[-0517], 0516
163:0517	N,S	W1	L235 N	[BUE], R517AM
164:			0131 N	[BUE], R517BM
165:			0516 N	[-S516], 0517.-0516
166:			0516 N	[R1012AS], -0516.0517
167:			ACO N	[-BLB], 0517.UBLAAC
168:			UAPP C	[L517STEP], 0517.-UAPP
169:			DB01 C	[0517]
170:			DB01 C	[-0516], 0517
171:0518	N		0516 N	[BBA], R518AM

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BERTH TYPE			TO TO/	
ITEM	BERTH CHARACTERISTICS	OCU	SYST	TXAD S [TRIGGER].CONDITIONS
172:			0128 N	[BBA], R518BM
173: BOWJ	N		BWJN S	[BOWJ], -LGASFACT
174:			0518 N	[U518], BOWJ
175: BWJN	D, B	W1	ACO N	[-BOWJ]
176: L235	N		LS11 N	[LCAC], LCAB, L235
177: DB01	N		ACO N	[-0516], -0517
178:			ACO N	[-0517], -0516