2013 9 26-27

1.

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4.

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15.

16.

1.

2.

3.

4.

1

1.1

1.1.1

60.00 /

1.1.2

1

2

3

1.2

1.2.1

1 2009 8 27

2 2009 8 27

3 2011 12 31

4 2009 8 27

5 2013 6 29

6 [1989] 22

7 [1991] 49

8 2008 10 28

9 397

10 1984 1 16
11 2010 12 20
12 [2000] 296
13 [1996]
4
14
[2004] 8
15 [2009]22
16 [2009]28
17 [2003] 6
19 [1995] 56
20 GB6722 2003
21 GB50197-2005
22 2011
23 AQ1008-2007
24 AQ8001-2007
25 [2003]114
26 [2004]56
27
[2002]123
28 [2002]124
29 [2007]47
30
[2005]8
31 AQ1055-2008
32 [2007]59
33 [2008]161

34 [2008]175

35 [2009]142

36 [2012]

16

37

[2007]25

38

[2006]61

39

[2008]39

1.2.2

1 “ ”

2

3

4

5

6

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8

9

10

11

12

13

14

1.3

1.3-1

1.3-1

1

2

3

4

5

6

7

8

1.4

1.4.1

34km

106°56 38 106°57 35

39°26 55 39°28 14

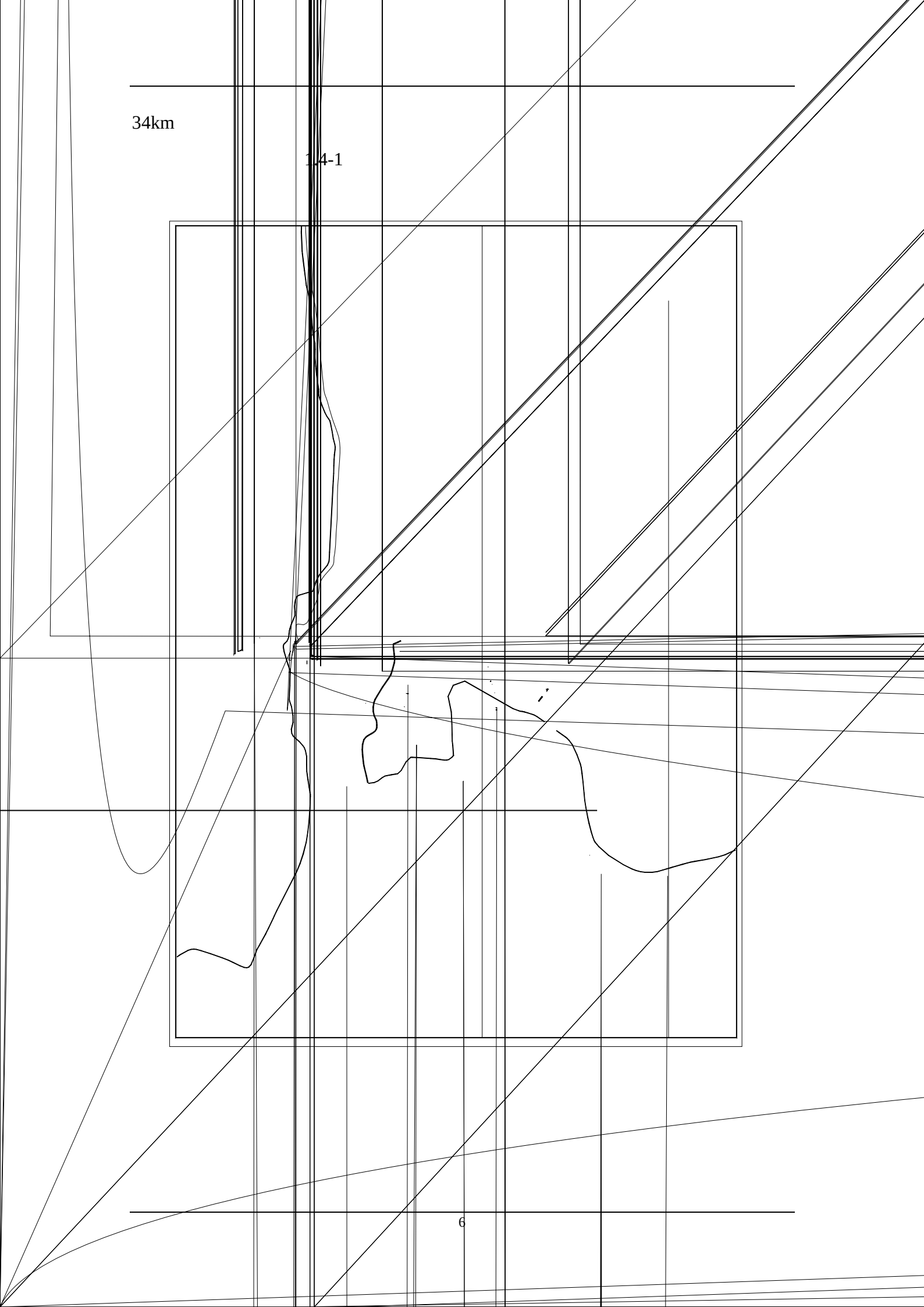
1.4.2

6km 109 18km

7

34km

1.4-1



1.4.4

39.4 , 28.8 , 7-8 26.6
, -14.7 47.7mm 7 8
9 3123.1mm
3919.3mm 3485.1mm 3.2m/s
24m/s 8 11 4
1.7m
GB-18306-2001 g
0.20 8 1976 9 23 39°59 30
106°27 00 6.2 35

1.4.5

1.4.5.1

C_2b C_2t P_1s

C_2

1 C_2b
1-2
23.04m

2 C_3t

5
56.57 87.04m 67.46m
P_1
P_1s

3

55.07m

Q

5m

1.4.5.2

NW SE SW

6° 10°

6 F10 F11 F12 F13 F19 F19

1 F10

N70°E NW

60° 70m

2 F12

N80°E N45°E 70°

17m 500m

3 F11

N80°E F12

SE 60° 8m 700m

4 F13

N6°W

SW 49° 45m 400m

5 F19

N70°E NW 70°

62m

6 F19

F19

N70°E SE 70° 15 20m

1.4.6

7 29

1 Q

0

10m

2

1 P_1s 2# 8#

26.87m

q=0.000134 0.113L/s.m k=0.00025 0.1555m/d

2 P_1s^1 8# 9# 8 9

9.85m

3 Ⅱ C_2t^2 9# 16#

15.63m,

q=0.000442L/s.m,

k=0.00362m/d

4 16#

6m

5 Ⅲ 16# O_2

18.51m

q=0.000254 0.00217L/s.m k=0.00139

0.0545m/d

Ⅰ

Ⅱ

Ⅲ

3 O_2

1143.09 1144.87m q=0.00353 0.317L/s.m

Ⅲ

10 Ⅰ

q=0.000117L/s.m, 1230.26m

0.1L/s.m

1.4.7

8 1

9 2

8.2 18.3MPa

16 1

13.9 94 Mpa 67.2 117 MPa

16 2 16—1

17

1.4.8

1

67.46m 55.07m, 122.53m

5 9.65m, 7.88%

2

5 8-1 9 16-1 16-2 17

16-1 16-2 17

8-1 9

1.4-1

1.4-1

	(m)	(m)	(m)				
8-1	1.28 2.78 1.71(10)	1.14 2.16 1.56(7)	4.41 6.52 5.24(8)	0 1			
9	0 2.92 1.92(10)	1.18 2.52 1.67(7)	44.00 59.83 54.73(9)	0 2			
16-1	1.30 5.26 3.45(18)	1.30 4.26 3.04(18)	0.68 11.53 3.56(16)	0 6			
16-2	0 4.03 2.13(18)	1.00 1.92 1.40(13)	1.20 2.57 1.90(14)	0 3			
17	0 2.73 1.81(19)	1.20 2.57 1.90(14)		0 3			

3

1.4.9

16

23.82-32.14% 10% 16

0.51cm^3/g

1.4.10

1.4-2

1.4-2

1	4371304.96	36410091.55	11	4369869.94	36409671.56
2	4370699.96	36410421.56	12	4370103.95	36410341.57
3	4369419.95	36410401.58	13	4370553.95	36410061.56
4	4369179.94	36410041.58	14	4370479.95	36409667.56
5	4368949.93	36409771.58	15	4370806.96	36409667.56

4

- ND3250S 26

5

13 PC360-7 5 330DL 6 345DL 2

1.5.2

1

2

3 8% 15m

9 15

4

1.5.3

1

-

2

$15.56 \times 10^4 m^2$

$418.56 \times 10^4 m^3$ 20m 33 ° 3

60m 50m

5 +1220 +1240

+1260 +1280 +1300 20m 50m 33

° 0.6m 4%

1.5.4

1

1 6

+1300 5 10

+1300 3 5

5 23

5

2

1.5.5

1

5 2

3

500 m^3

2

1.5.6

1

47.7mm

300

2

10kv

S_{11}-M-200/10/0.4

3 WQX-125-160X

2013 7 25

1.5.7

1.5.8

10kv 110kv

10kv LGJ-120 10km S_{11}-M-100/10/0.4

10kv

110kv 10kv LGJ-95 6km

LGJ-35 0.5km S_{11}-M-200/10/0.4 2

3

3

4

1.5.9

25

1.5.10

1

2

2

2.1

1

2

(GB6441-1986)

2.2

2.3

2.3.1

10 20m

1

(1)

(2)

(3)

(4)

(5)

(6)

2

(1)

(2)

(3)

(4)

(5)

2.3.2

1

(1)

(2)

(3)

2

3

(1)

(2)

(3)

(4)

4

2.3.3

1

2

3

4

5

2.3.4

1

7 8 9

2

3

2.3.5

1

(1)

(2)

(3)

(4)

2

3

4

5

(1)

(2)

(3)

(4)

(5)

(6)

2.3.6

1

2

3

2.3.7

4

5

6

7

8

2.3.9

1

2 “ ”

3

4

5

6

7

8

9

10

11

12

2.3.10

1

2

3

4

5

6

2.3.11

1

2

3

4

5

2.3.12

2.3.13

2.3.14

2.3.15

2.4

1

2

3

4

5

6

7

8

9

10

2.5

2.5.1

GB18218-2009

[2004]56

1

2

3

4

5 6

6

7 2.5-1

2.5-1

		1t	
		50t	
		250t	
	28	20t	
	28 ≤ 60	100t	

2.5-2

		0.1t	
		5t	
		25t	
	28	2t	
	28 ≤ 60	10t	

2.5.2

1

2

2.5.3

2.6

1

2

3

4

5

6 50m

7

8

9

3

3.1

3.1.1

3.1-1

1			150000000004812 2014 2 26
2			C1500002011011120105676 2017 10 26
3			MK 2008 C018 2014 2 26
4			201503030321 2020 9 5
5			MK150303687 2016 10 30
			A150201114650 2016 10 29

3.1.2

1 3 1

3.1.3

( )

“ ”

3.1.4

25

„ „

( )

3.1.5

3.1-2

3.1-2

1				A150201114650	2016 10 29
				MK150303687	2016 10 30
2				B150201114735	2016 10 29
3				B150201114737	2016 10 29
4				B150201114736	2016 10 29
5				B150201110799	2016 10 29

86

7 7 9

2 14 43 4

2013

3.1.6

3.1.7

3.1.8

3.1.9

[2012] 16 2013 60 5

300 11 310.8

3.1.10

3.2

1

2

3

4

5

3.3

3.3.1

1

3.3-1

3.3-1

	1	11	
	2		
	1		
	1	10	
	2	25	
	3	8	
	4	，85	
	2		
	3 [2004]119	2013 300 310.8	
	4		
	5		
	1		

	2		
	3	86	
	4		

2

2013

3.3.2

1

2

3

2013

4

2013 300

5

“ ”

6

7

2013

8

9

(1)

(2)

4

4.1

4.1.1

AQ8001-2007 [2003]114

“ ”

4.1.2

13

1

2

3

4

5

6

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8

9

10

11

12

13

4.1.3

4.2

4.2.1

4.2.2

1

6 +1210 +1220 +1230 +1240 +1250 +1260 1 +1200 3m

2

3

(1) 10m

(2) 70° 65°

(3) 10m

(4) 35-40m

4

-

5

6

(1) 13 PC360-7 5 330DL 6 345DL 2

(2) KY100 4

(3) 6 CLG855 1 SEM956 3 SEM650

1 SEM652B 1

7

4.2.3

4.2-1

4.2-1

		10m 10 m	
	70° 70°	70° 65°	
		35-40m	
	8m	10m	
	~		

1 —

2

3

4

5

6

4.2.4

4.3

4.3.1

4.3.2

26 ND3250S

1

2

3 8% 15m 9

15

4 0.6m

2/5 3.5m

4.3.3

4.3-1

4.3-1

	1. 2. 3.	1. 2. 3.	

	1 2. 3. 2/5 3/5 3m	1. 20t 9m 15m 2. 3. 0.6m 2/5 3.5m	

1

2

3

4

5

6 2013 7 25

4.3.4

4.4

4.4.1

4.4.2

1

-

2

$15.56 \times 10^4 m^2$

$418.56 \times 10^4 m^3$ 20m 33 ° 3

60m 50m

5 +1220 +1240

+1260 +1280 +1300 20m 50m 33

° 0.6m 4%

4.4.3

4.4-1

4.4-1

		1. 2. 3.	
		3 20m; 5 20m	

	2/5	0.6m	
	3 5	4	

1

2

3 0.6m

2/5 4%

4

5

4.4.4

4.5

4.5.1

4.5.2

1

(1)

(2)

(3)

2

1 6

+1300 5 10

+1300 3 5

5 23

5

3

4.5.3

4.5-1

4.5-1

		+1300 5 10 +1300 3 5 5 23 5 .	

1

2

3

4

4.5.4

4.6

4.6.1

4.6.2

1

5 2

3

500 m^3

2

4.6.3

4.6-1

4.6-1

		2013 7 25	
		5	

1

2 5

3

4

4.6.4

4.7

4.7.1

4.7.2

1

47.7mm

300

2

10kv

S_{11}-M-200/10/0.4

3 WQX-125-160X

2013 7 25

4.7.3

4.7-1

4.7-1

1

2

3

4

4.7.4

4.8

4.8.1

4.8.2

4.8.3

4.8-1

4.8-1

	1. 50m 2. 3. 4. 5. 6. 7. 200 400m	 1 2	

1

2

4.8.4

4.9

4.9.1

4.9.2

10kv 110kv

10kv LGJ-120 10km S_{11}-M-100/10/0.4

10kv

110kv 10kv LGJ-95 6km

110kv 10kv LGJ-120 0.5km

S_{11}-M-200/10/0.4 2 3

3

4

4.9.3

4.9-1

4.9-1

	1. 2.	1. 2. 3.	
		25	

1

S11-M-200/10/0.4

2

3

4

4.9.4

4.10

4.10.1

4.10.2

4.10.3

25

25

4.10.4

4.11

4.11.1

1

2

3

4.11.2

4.11.3

1

2

3

4.11.4

4.12

4.12.1

4.12.2

1

2

4.12.3

4.13

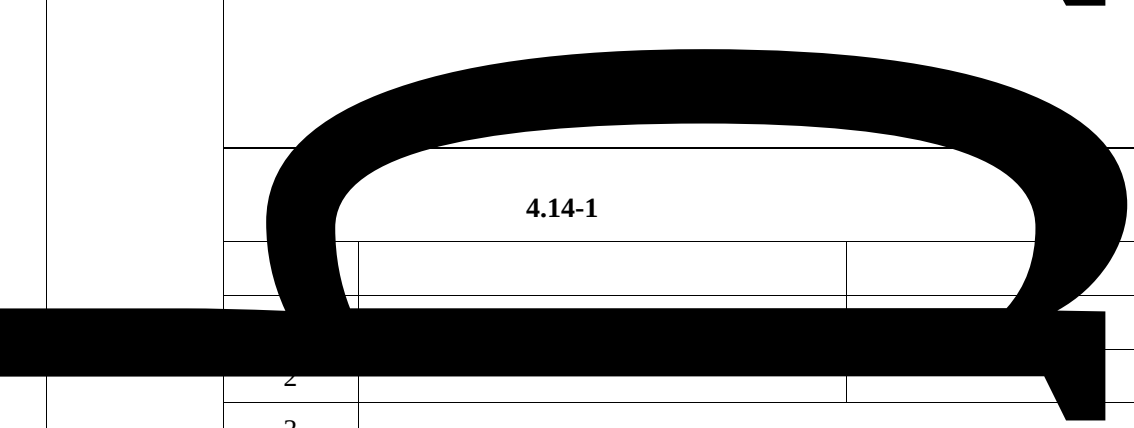
4.13.1

25

4.13.2

4.14

4.14-1



4.14-1

2		
3		

5

7

5.1

5.1.1

1

2

3

4

5

6

5.1.2

5.1-1

5.1-1

		50m		50m

5.1.3

5.1-1

5.2

5.2.1

5.2-1

5.2-1

1					
2					
3					
4					

5.2.2

5.2-1 -

5.3

5.3.1

5.3-1

5.3-1

1					2/5 3% 5%
2					
				-	
				-	
3					

5.3.2

5.3-1 -

5.4

5.4.1

5.4-1

5.4-1

	1. 2. 3. 4.			1. 2. 3. 4. 5.

5.4.2

5.4-1

5.5

5.5.1

5.5-1

5.5-1

	1. 2. 3. 4.	1. 2.	-	1. 2. 3. 4.
	1.	1. 2.		1. 2. 3.
	1. 2.	1. 2.	-	1. 2. 3. 4.

5.5.2

5.5-1 -

5.6

5.6.1

5.6-1

5.6-1

			-	
			-	

5.6.2

5.6-1 -

5.7

5.7.1

5.7-1

5.7-1

1				-	
2				-	
3				-	
4				-	

5.7.2

5.7-1 -

5.8

6

6.1

6.1.1

1

2011 9 29

2

2009 8 30 13 33

5301 60

951 940 13 55

2009 8 3 3

963 4

2007 4 1 10 15 1

401

(1)

(2)

(3)

3

2006 8 1 2 50 2

3

4

2007 5 27 20 30 4

5 28 3

5

2010 3 11 15

“

” 1

6.1.2

“ ”

6.2

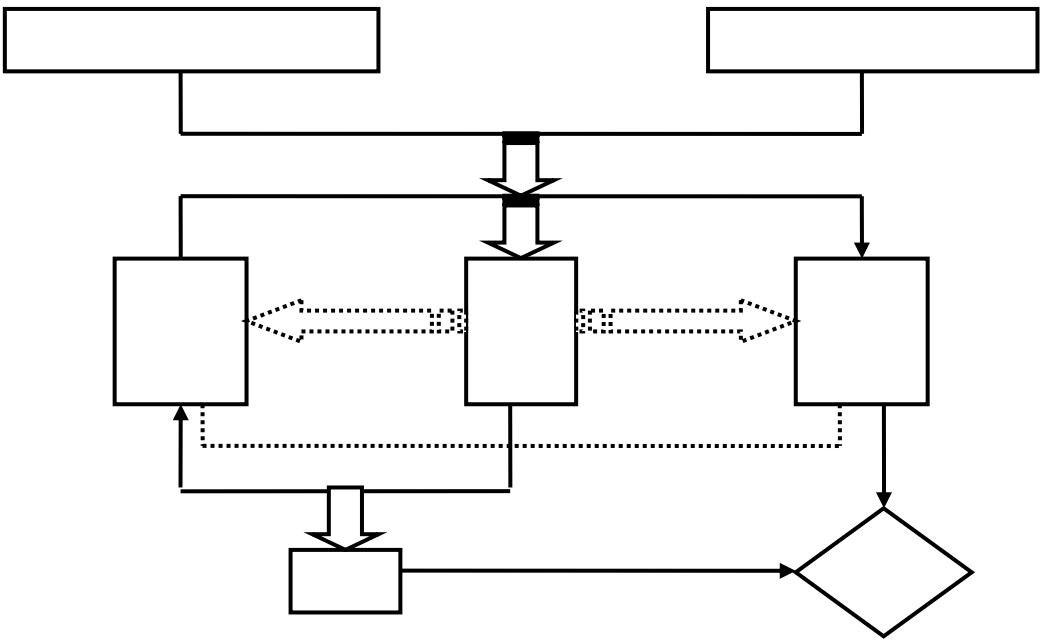
6.3

6.3.1

6.3-1

“

” “ ”



6.3-1

“ ”

“

”

6.3.2

1

2

3

(1)

(2)

(3) -

(4)

-

4

7

7.1

1

2

3

4

5

6 50m

50m

7

8

9

7.2

1 “ ”

2

3

4

5

6

7

8

9

10

[2012] 16

11

7.3

7.3.1

1

120°

2 30m

30m

3

4

5

6

7

8

9

7.3.2

1

2

3 10 20m

4

5 45°

6

7

7.3.3

1

2 20m

7m

3

8 2

7.3.5

1

2

3

4

7.3.6

1

2

0.5m

3

4 6m

5

7.3.7

1

2

3

7.3.8

1 GB6722-2003

2

3

4

5

6

7.3.9

1 110kv 110kv

2

3

4

7.3.10

1

2

3

4

8

8.1

13

1

2

“ ”

3

4

5

6

7

8.2