Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

Bergvesenet rapport nr	Intern Journal nr	Internt arkiv nr	Rapport lokalisering	Gradering
BV 3370		Boks nr. 20	Nordland	
Kommer fra ..arkiv	**Ekstern rapport nr**	**Oversendt fra**	**Fortrolig pga**	**Fortrolig fra dato:**
	BNN			

Tittel

Målinger Mofjell Grube. Nr. 3

Forfatter	Dato	Bedrift
	19	Bergverkselskapet Nord-Norge A/S

Kommune	Fylke	Bergdistrikt	1: 50 000 kartblad	1: 250 000 kartblad
Rana	Nordland	Nordlandske		

Fagområde	Dokument type	Forekomster
Råstofftype	**Emneord**	

Sammendrag

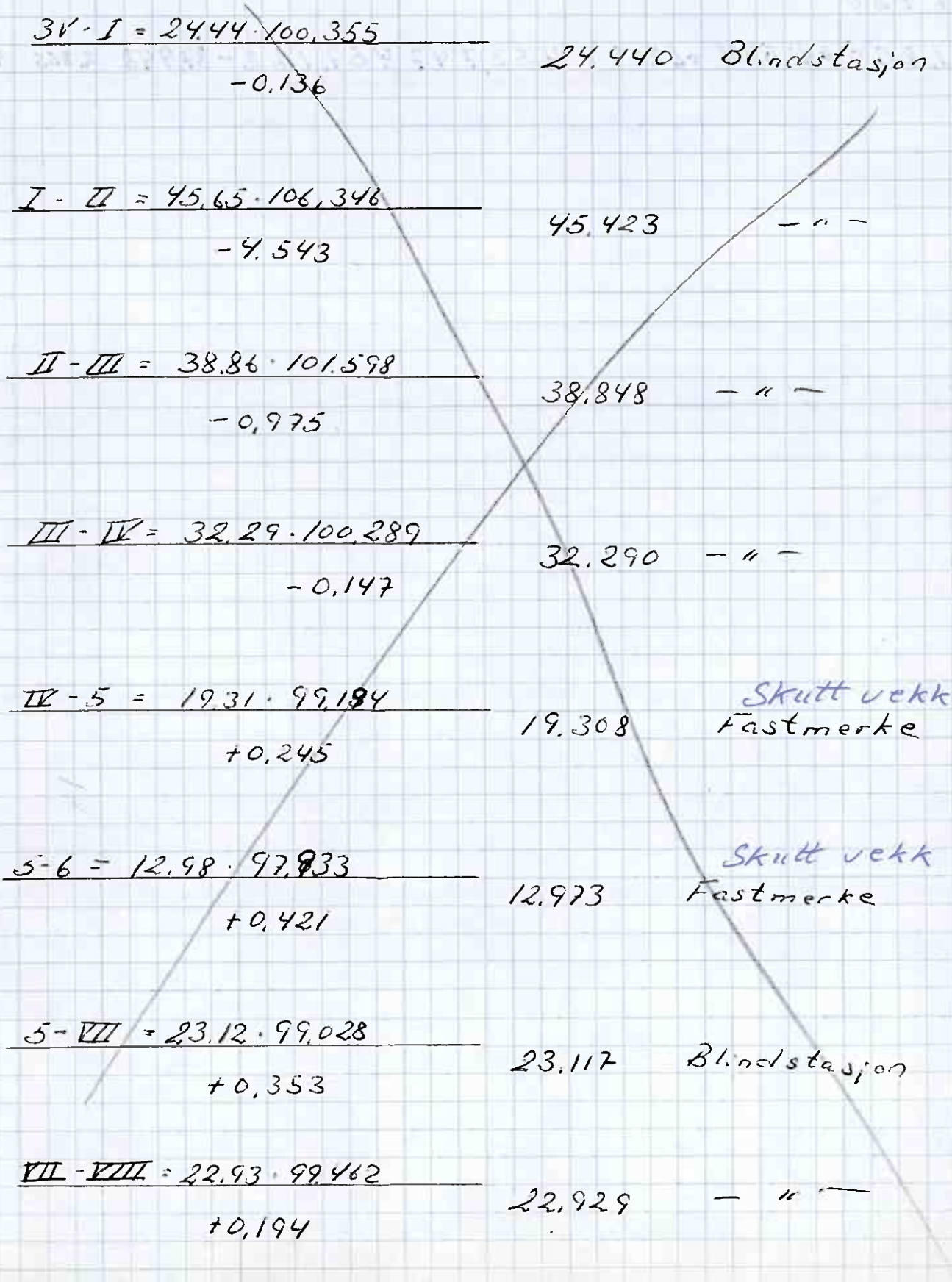
1 Frá veikryss línse 2 til kom. ort

St	Azimuth	Δx	Δy	x	y	H
Bolt 4	92.157			401.081	43 092.166	-45.642
3	203.045					
	95.202					
4A	~~101.289~~	+0.844	+11.183	401.925	103.349	-46.017
3	95.202					
4A	47.247					
5A	342.449	+11.042	-14.030	~~390.883~~ 412.967	~~83.319~~ 89.318	-43.249

I	S			Anm.
		3 - 4A = 11.22.101,915	11,215	Forts fra side 8 i gammel protokoll
2,525	2,485	- 0,335		Bolt 4 er innmålt fra dagen ved B. Bugge
		4A - 5A = 18.02.91,360	17,854	
2,31	2,64	+ 2,438		

2 Fra vasketall t.l A. ort

St.	Azimuth	Δx	Δy	x	y	H	I	δ
4V	97.924				386,987	186,868	-	
3V								
I					42.			
4V	97.924			386,987	186,868	+15.390		
3V	138,392							
I	36,316	+20,570	+13,198	407,557	200,066	+12,764	2.49	
3V	36,316							
I	268,132							
II	104,448	-3,171	+45,312	404,386	245,378	+8,221		
I	104,448							
II	196,595							
III	101,043	-0,636	+38,843	403,750	284,221	+7,246		
II	101,043							
III	209,281							
IV	110,324	-5,214	+31,866	398,536	316,087	7,099		
III	110,324							
IV	173,515							
5	83,839	+4,849	+18,689	403,385	334,776	~~+7,344~~ +8,014		0,67
IV	83,839							
5	206,192							
6	90,031	+2,023	+12,814	405,408	347,590	+8,29	0,76	0,615
IV	83,839							
5	208,905							
VII	92,744	+2,629	+22,967	406,014	357,743	+7,883	0,76	
5	92,744							
VII	248,714							
VIII	141,458	-13,899	+18,236	392,115	375,979	+8,077		


IV - I = 24.44 · 100,355
-0,136
I - II = 45,65 · 106,346
-4,543
II - III = 38,86 · 101,598
-0,975
III - IV = 32,29 · 100,289
-0,147
IV - 5 = 19,31 · 99,184
+0,245
5 - 6 = 12,98 · 97,833
+0,421
5 - VII = 23,12 · 99,028
+0,353
VII - VIII = 22,93 · 99,462
+0,194
24.440 Blindstasjon
45.423 — " —
38,848 — " —
32.290 — " —
19.308 Skutt vekk Fastmerke
12.973 Skutt vekk Fastmerke
23.117 Blindstasjon
22.929 — " —

3 y 44460 Forseringsort

	Azimuth	Δx	Δy	x	y	H		
9	103.718			407.615	444.784	-87.372	1	S
10	171.712							
116	75.430	+4.538	+11.169	412.153	455.953	-88.665	2.605	2.565
10	75.430							
116	126.420							
126	1.850	+41.594	+1.209	453.747	457.162	-87.948	2.855	4.38

Fra side 27
gammel protokoll

10-11b = 12.12 · 106.543

-1.243

12.056

44.460

11b-12b = 41.62 · 101.236

-0.808

41.612

Linje 2

STASJON	Azimuth	Δx	Δy	x	y	H	I
3c	100,026			366,854	774,088	-62,835	
4c	182,731						
5d	82,757	+2,789	+10,044	369,643	784,132	-62,712	3,08
4c	82,757						
5d	280,880						
6d	163,637	-11,996	+7,709	357,647	791,841	-62,054	2,78
5d	163,637						
6d	135,397						
7d	99,034	+0,647	+42,607	358,294	834,448	-63,350	3,40
6d	99,034						
7d	202,186						
8d	101,220	-0,581	+30,333	357,713	864,781	-62,938	2,96
7d	101,220						
8d	196,022						
9d	97,242	+1,720	+39,686	359,433	904,467	-64,258	3,565
8d	97,242						
9d	206,718						
10d	103,960	-2,887	+46,350	356,546	950,817	-66,527	3,47
9d	103,960						
10d	200,592						
11d	104,552	-1,258	+17,570	355,288	968,387	66,137	3,01
10d	104,552						
11d	178,237						
12d	82,789	+10,561	+38,109	365,849	44. 006,496	-68,352	3,20
11d	82,789						
12d	223,696						
13d	106,485	-3,435	+33,605	362,414	40,101	-67,930	2,83

Linse 2

Fra side 18 gm. protokoll

Nye bilstoll linse 2

S

.85

.33

.92

63

3.71

3.14

.34

3.07

3.17

4c - 5d = 10.43 · 97.847

+0,353

10.424

5d - 6d = 14.26 · 99.520

+0,108

14.260

6d - 7d = 42.62 · 101.219

-0.816

42.612

7d - 8d = 30,34 · 100,541

-0.258

30.339

8d - 9d = 39.75 · 102,347

-1.465

39.723

9d - 10d = 46.48 · 102.656

-1.939

46.440

10d - 11d = 17.615 · 99.784

+0,060

17.615

11d - 12d = 39.60 · 103,353

-2.085

39,545

12d - 13d = 33.78 · 99,846

+0,082

33.780

Forts. s. 16

5 Nordmalmen ost

St	Azimuth	Δx	Δy	x	y	H	l	s
25A	88,713			486,523	508,673	-57,694		
26A	211,392							
27A	100,105	-0,056	+33,660	486,467	542,333	-58,063	3,31	2,14
26A	100,105							
27A	203,789							
28A	103,894	-2,541	+41,497	483,926	583,830 ~~812~~	56,068	2,17	2,73
27A	103,894							
28A	195,738							
29A	99,632	+0,176	+30,469	484,102	614,299 ~~281~~	-57,793	2,76	2,95
28A	99,632							
29A	205,970							
30A	105,602	-2,099	+23,787	482,003	638,086 ~~068~~	-59,900	2,83	3,13
29A	105,602							
30A	191,372							
31A	96,974	+1,380	+29,010	483,383	667,078	-61,233	2,99	2,65
29A	96,974							
30A	190,758							
31A	87,732							
30A	87,732							
31A	155,105							
32A	42,837							
29A	105,602							
30A	190,758							
31A	96,360	+1,683	+29,411	483,686	667,497 ~~479~~	-61,121	2,93	2,81
30A	96,360							
31A	155,105							
32A	51,465	+10,755	+11,262	494,441	678,759 ~~744~~	-62,469	2,73	2,47

AKP Øst

Fortsatt fra side 40gm protokoll

26A - 27A = 33.67 · 98.485

+ 0,801

33.660

27A - 28A = 41.60 · 97.804

+1.435

41.575

28A - 29A = 30.53 · 103.995

-1.915

30.470

29A - 30A = 24.00 · 106.397

-2.407

23.879

30A - 31A = ~~29.06~~ · ~~102.175~~

~~94~~ 0,993

~~29.043~~

T.L 1.33 4m

30A - 31A = 29.48 · 102.378

-1.101

29.459

31A - 32A = 15.61 · 104.440

-1.088

15.572

30A - 31A = 29,48 · 102,379

-1,101

29,459

31A - 32A = 15,61 · 104,440

-1,088

15,572

Forts. s 17

6 Vestgruva nord

st	Azimuth	Δx	Δy	x	y	H	l	s
				382,467	42096,258	+13,957		
5V	297,943							
6V	337,437							
7	35,380	+10,783	+6,697	393,250	102,955	+11,792	2,58	
6V	35,380							
7	99,549							
8	334,929	+12,178	-19,923	405,428	083,032	+11,803		
7	334,929							
8	157,954							
9	292,883	-3,240	-28,865	402,188	054,167	+16,297		2,99
8	292,883							
9	200,477							
10	293,360	-2,055	-19,633	400,133	034,534	+18,943	2,70	2,25
9	293,360							
10	201,670							
11	295,030	-3,048	-38,959	397,085	41. 995,575	+23,351	2,30	2,55
10	295,030							
11	177,545							
12	272,575	-16,990	-36,969	380,095	958,606	+26,861	2,395	1,93

6V - 7H = 12.70 · 97.921

+0.415

12.693 Blindstasjon

7-8 = 23,35 · 100,243

-0,089

23.350 Blindstasjon

8-9 = 29.09 · 96.488

+1.604

29.046

9-10 = 19.77 · 96,468

+1.096

19.740

10-11 = 39.56 · 90,049

+6.158

39,078

11-12 = 40,88 · 93.800

+3.975

40,686

7 Vestgruva syd

St.	Azimuth	Δx	Δy	x	y	H	l
14V	284920			357,240	41. 895.811	+9,680	
15V	201,884						
17V	286,804	-7,852	-37,337	349,388	858,474	+8,993	1,78
15V	286,804						
17V	227,740						
18V	314,544	+9,068	-38,999	358,456	819,475	+9,913	
17V	314,544						
18V	172,907						
19V	287,451	-6,490	-32,495	351,966	786,980	+9,478	
18V	287,451						
19V	201,716						
20V	289,167	-3,219	-18,735	348,747	768,245	+13,172	
19V	289167						
20V	200,521						
21V	289,688	-5,921	-36,235	342,826	732,010	+15,089	3,55
15V	84920			362,808	918,875	+11,510	
14V	52396						
15N	337,316	+17,723	-26,692	380,531	892,183	+8,310	3,18
14V	337,316						
15N	167,339						
16N	304,655	+2,048	-27,953	382,579	864,230	17,004 6,984	
15N	304,655						
16N	207,185						
17N	311,840	+2,463	-13,088	385,042	851,142	+5,697 5,677	2,14
15N	304,655						
16N	197,822						
Hp	302,477	+1,396	-35,851	383,975	828,379	+1,664	2,14

S

15V - 17V = 38.17 · 98.176

+1.093

38.154 Blindstasjon

17V - 18V = 40.05 · 98.537

+0.920

40.039 Blindstasjon

18V - 19V = 33.14 · 100.835

+0.435

33.137 Blindstasjon

19V - 20V = 19.01 · 99.985

3.69 +0.004

19.010 Nye plugger innmålt s. 32

20V - 21V = 36.79 · 95.970

3.06 +2.327

36.716 Blåstoll forts. s 21

14V - 15N = 32.04 · 100.040

−0.020

T.L Revehiet

32.040 Blindstasjon

15N - 16N = 28.245 · 107.888

2.165 −3.491

28.028 Revehiet

16N - 17N = 13.51 · 110.755

-2.272

Revhiet

13.318 Forts side 20

3.105

16N - Hp = 36.02 105.664

- 3.20

35.878

8.

Nr 1 linje 2

ST	Hz:muth	Δx	Δy	x	y	H	l	S
32y	107,635			412,999	934,946	-45.104		
33y	193,740							
34y	101,375	-0,702	+32,488	412,292	967,434	50,265	3.29	
33y	101,375							
34y	202,936							
35y	104,311	-2,332	+34,382	409,965	44 001,816	-51,062		
34y	104,311							
35y	196,974							
36y	101,285	-0,503	+24,937	409,462	026,753	-49,400		3,63
35y	101,285							
36y	7,700							
x1	308,985							

Fo. ts. fra side 34 gm. protokoll

33y - 34y = 32,55 · 103,661

-1,871 32.496 Blindstasjon

34y - 35y = 34,47 · 101 473

-0,797 34.461 Blindstasjon

35y - 36y = 25,02 · 105,014

-1,968 24.942

X' = Baksikt i nordvegg.

ST	AZIMUTH	Δx	Δy	x	y	H	I	S
9								
27	301.269			475.090	143.457			
28	196.598							
29	297.857	-0.959	-28.465	474.131	114.992			
28	297.857							
29	216.461							
30	314.318	+7.124	-31.139	481.255	83.853			
			44.100					
9	259.818			383.190	130.244	-67.107		
8	240.090							
Hp	299.908	-0.017	-11.626	383.173	118.618	71.002	3.60	
8	299.908							
Hp	235.978							
A	335.886	+10.979	-17.368	394.152	101.250	-68.616		2.7
Hp	335.886							
A	42.300							
x'	178.186							
x'	378.186							
A	170.745							
B	348.931	+11.111	-11.491	~~383.044~~ 405.263	89.759	69.703	2.83	2.8
			44.240					
14	243.083		400.220	269.821		-68.123		
13	264.874							
A	307.957	+2.374	-18.892	402.594	250.929	-69.577	2.92	2.9
13	307.957							
A	226.326							
B	334.283	+8.310	-13.900	410.904	237.019	-70.835	2.24	2.2
A	334.283							
B	166.732							
C	301.015	+0.366	-22.956	411.27	214.063	69.615	2.22	2.2

28² - 29² = 28.66 · 92.881

+3.198

28.481

29² - 30² 31.96 · 98.002

+1.003

31.944

Forts fra side 9 gm. protokoll

8² - Hp = 11.63 · 101.617

-0.295

11.626 Blindstasjon

Hp - A = 101.128 · 20.55

-0.364

20.547

Baksikt i bolt. feste

Bolten er rødmalt

A - B = 16.02 · 104.245

-1.067

15.984

13² - A = 19.06 · 102.835

-0.849

19.041

A - B = 16.255 · 105.070

-1.293

16.203

B - C = 22.97 · 98.004

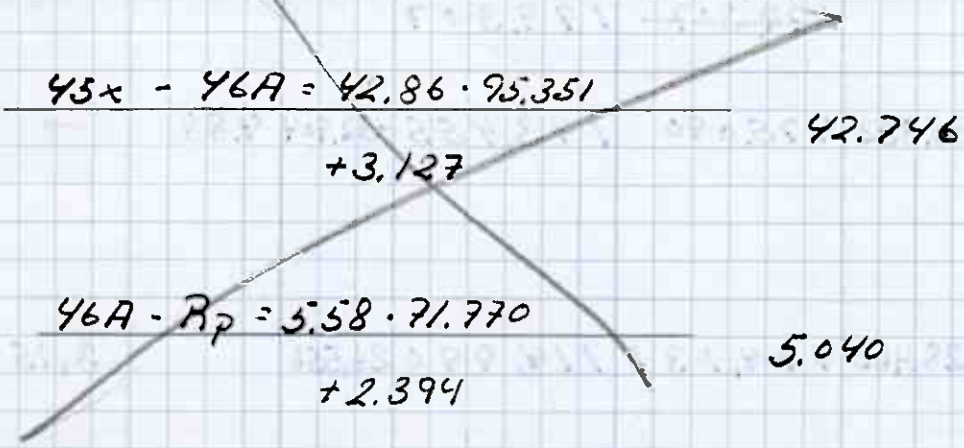
+0.720

22.959

10 „Nyc" bilvei linse 3 forts fra s 30 gm. protokol

44x 45x	66.900 232.809			420,476	115.460	-77,577	1	S
46A	99,709	10.195	+42.746	420,671	158,206	75,265	3.25	2.43
45x 46A	99.709 0,291							
Rp	300,000	0	-5.040	420,671	153,166	-75,306	2.435	
		Korseringsoet						
13 14	98,956 104,610			427,755	570,374	95.524		
A	3,566	+22,538	+1,264	450,293	571,638	90,773	2.44	2.65
14 A	3.566 291,121							
B	94,687	+3,150	+37,651	453,443	609,289	-91,489	2.61	2.63

Skrinlagt



14 - A = 23.025 · 87.362
+4.541
22.573

A - B = 37.79 · 101.240
-0,736
37.783

11 St.	Azimuth	Δx	Δy	x	y	H	l	S
				474,381		-30,782		
26 2	296,531			~~179,307~~	179,307			
27 2	204,728							
28 2	301,259	+0,709	-35,852	475,090	143,455	-32,904	4,88	—
27 2	301,259							
28 2	196,598							
29 2	297,857	-0,959	-28,465	474,131	114,990	26,556		3,15
28 2	297,857							
29 2	216,461							
30 2	314,318	+7,124	-31,139	481,255	83,851	24,663	3,05	3,94
29 2	314,318							
30 2	190,067							
31 2	304,385	+1,933	-28,026	483,188	55,825	-23,703	3,31	3,63
30 2	304,385							
31 2	190,478							
32 2	294,863	-2,529	-31,271	480,659	44,0 24,554	23,033	3,54	3,55
31 2	294,863							
32 2	232,173							
33 2	327,036	+6,713	-14,845	487,372	44,00 9,709	-20,666	3,45	3,69
32 2	327,036							
33 2	172,070							
34 2	299,106	-0,445	-31,716	486,927	43. 977,993	-16,769	3,405	3,55
32 2	327,036							
33 2	172,040							
34 2	299,076	-0,460	-31,674	486,912	43. 978,035	-16,799	3,475	3,175
33 2	299,076							
34 2	212,509							
35 2	311,685	+6,777	-36,506	493,689	941,529	-17,760	3,11	2,14

„AKP"

Fortsatt fra side 40 gm. protokoll

$27^2 - 28^2 = 35,965 \cdot 95.113$

+2.758 35.859 Blindstasjon

$28^2 - 29^2 = 28.66 \cdot 92.881$

28.481

+3.198

$29^2 - 30^2 = 31.96 \cdot 98.002$

31.944

+1.003

$30^2 - 31^2 = 28.10 \cdot 98.550$

28.093

+0,640

$31^2 - 32^2 = 31.38 \cdot 98.661$

31.373

+0,660

$32^2 - 33^2$ $16.43 \cdot 91.735$

16.292

+2.127

$33^2 - 34^2 = 31.94 \cdot 92.504$

ut 31.719

+3.952

$33^2 - 34^2 = 31.95 \cdot 91.674$

31.677

+4.167

$34^2 - 35^2 = 37.13 \cdot 99.985$ 37.130 L.99 - 21.4

+0,009

St	Azimuth	Δx	Δy	x	y	H	l	s
				493.689	941.529	-17.760		
34	311.685							
35	175.772							
36	287.457	-6.601	-33.068	487.088	908.461	-17.706	1.95	2.01

$35^2 - 36 = 33.72$ /00,011

$-0,006$

33,720

13

ST	Azimuth	Δx	Δy	x	y	H	I	S
3	292.157			397.030	4.3. 059.450	-43.62		
Bo 4	124.384							
1c	216.541	-7.698	-2.046	389.332	057.404	-46.708	3.02	
Bo4	216.541							
1c	107.639							
2c	124.180	-12.563	+31.469	376.769	088.873	-50.541		
1c	124.180							
2c	183.194							
3c	107.374	-3.985	+34.253	372.784	123.126	-53.493		
2c	107.374							
3c	196.607							
4c	103.981	-2.087	+33.325	370.697	156.451	-57.064		
3c	103.981							
4c	204.435							
5c	108.416	-4.550	+34.221	366.147	190.672	-61.683		
4c	108.416							
5c	198.091							
6c	106.507	-3.521	+34.332	362.626	225.004	-65.908		
5c	106.507							
6c	200.305							
7c	106.812	-3.924	36.535	358.702	261.539	-71.030		
6c	106.812							
7c	192.733							
8c	99.545	+0.258	+36.112	358.960	297.651	-75.669		
7c	99.545							
8c	199.455							
9c	99.000	+0.548	+34.863	359.508	332.514	-79.241		

Bo. 4 - 1c = 7.965 100.548

-0,068

7,965

Blindstasjoner fra 1c t.l 9c

1c - 2c = 34.10 · 107.172

-3.833

33.884

2c - 3c = 3461 · 105.436

-2.952

34,484

3c - 4c = 33.58 · 106.783

-3.571

33.390

4c - 5c = 34.83 · 108.468

-4.619

34.522

5c - 6c = 3477 · 107.756

-4.225

34.512

6c - 7c = 37.10 · 108.818

-5.122

36.745

7c - 8c = 36.41 · 108.134

-4.639

36.113

8c - 9c = 3505 · 106.500

-3.572

34.867

14

ST	Azimuth	Δx	Δy	x	y	H	l	s
8c	99000							
9c	202.780							
10c	101.780	-0.690	+24.654	358.818	357.168	-77.990		2.4
9c	101.780							
10c	199.414							
11c	101.194	-0.400	+21.330	358.418	378.498	-78.051	2.44	2.9
10c	101.194							
11c	341.070							
12c	242.264	-13.987	-10.993	344.431	367.555	-77.467	2.725	3.1
10c	101.194							
11c	339.424							
12c	240.618	-13.507	-10.015	344.911	368.483	-82.554	3.02	
11c	240.618							
12c	157.595							
13c	198.213	-29.864	+0.839	315.047	369.322	-83.412		3.12
12c	198.213							
13c	191.528							
14c	189.741	-11.400	+1.853	303.647	371.175	-83.400	3.05	3.0
14c	389.741							
13c	316.406							
15	106.147	-2.767	+28.566	312.280	397.888	-83.931	2.85	2.2
14c	389.741							
13c	86.970							
15	276.711	-5.847	-15.263	309.200	354.059	-82.663	2.85	2.7
10c	101.194			358.418	378.498	-78.051		
11c	199.579							
16c	100.773	-0.406	+33.476	358.012	411.974	-81.217	2.77	

9c - 10c : 24695 103.195

-1.239

24.664 Fastm.

10c - 11c : 21.34 101.554

-0.521

21.334 Fastm. 12/12 -84

Innf. i h protokoll

11c - 12c : 17.76 · 99324

+0,189

17.759

11c - 12c = 16.88 · 105.600

-1,483

16.815 Blindstasjon

12c - 13c = 30,14 · 108,427

-3.978

29.876

13c - 14c = 11.55 · 99.661

+0,062

= 11.55

13-15* = 28.70 · 99.864

+0.061

28.70 ØSTOVER

13c-15c = 16.37 · 96.502

+0.899

16.345 VESTOVER

425A
425B

11c · 16c : 33.48 · 100,753

-0.396

33.478 Blindstasjon

Forts. side 18

15

~~44.100~~ → ORT DRIFT NORD FOR BILSTOLL LINSE 3

St	Azimuth	Δx	Δy	x	y	H	l
11c	301.194			358.818	357.168	-77.990	
10c	200.017						
1d	301.211	+0.538	-28.254	359.356	328.914	-78.838	2.37
10c	301.211						
1d	204.891						
2d	306.102	+1.982	-20.613	361.338	308.301	-76.543	—
1d	306.102						
2d	250.427						
3d	356.529	+10.250	-8.337	371.588	299.964	-74.597	—
2d	356.529						
3d	141.910						
4d	298.439	-0.704	-28.689	370.884	271.275	-74.633	2.80

S

$10^c - 1d = 28{,}30 \cdot 96{,}574$

$+1.522$

28.259 Blindstation

$1d - 2d = 40{,}835 \cdot 92{,}974$

$+2.295$

20.708 Blindstation

$2d - 3d = 13{,}24 \cdot 104{,}158$

$-0{,}864$

13.212

2.81

$3d - 4d = 28{,}70 \cdot 100{,}679$

$-0{,}306$

28.698

3.07

Station	Azimuth	Δx	Δy	x	y	H	l	S
16								
				362.414	44.040.101	-67.930		
12d	106.485							
13d	186.698							
14d	93.186	+2.899	+26.983	365.313	67.084	-69.748	3.05	1.87
13d	93.186							
14d	208.398							
15d	101.584	-0.961	+38.602	364.352	105.686	-71.808	1.64	3.16
14d	101.584							
15d	188.260							
16d	89.844	+5.601	+34.808	369.953	140.495	-72.550	2.96	2.66.5
15d	89.844							
16d	213.685							
Hp	103.529	-1.780	+32.080	368.173	172.575	-74.94	2.61	—

Forts fra s. 4

Nye b.stoll

linse2 sydl

13d - 14d = 27.135 · 101.497

27.138

-0.638

14d - 15d = 38.78 · 105.886

38.614

- 3.58

15d - 16d = 35.26 · 100.807

35.257

- 0.447

16d - Hp = 32.13 · 99.565

32.129

+ 0.220

Nr 6

Blindstasjon

17

St	Azimuth	Δx	Δy	x	y 759	H	l	S
				494.441	678.741	-62.469		
31A	51.465							
32A	246.622							
33A	98.087	+0.911	+30.307	495.352	709.066	-63.924	2.36	2.23
32A	98.087							
33A	193.976							
34A	92.063	+2.640	+21.069	497.992	730.136	-65.210	2.06	3.04
33A	92.063							
34A	207.808							
35A	99.871	+0.064	+31.388	498.056	761.523	-67.943	2.86	2.84
31A	51.465			494.441	678.759	-62.469		
32A	246.581							
33A	98.046	+0.717	+23.356	495.158	702.115	-63.607	2.26	2.26
32A	98.046							
33A	195.530							
34A	93.576	+2.839	+28.043	497.997	730.158	-65.294	2.17	2.85
33A	93.576							
34A	206.162							
35A	99.238	+0.129	+31.396	498.126	761.554	-68.121	2.76	2.723
34A	99.238							
35A	173.385							
36A	73.123	+8.861	+19.727	506.987	781.281	-69.677	2.66	2.705
35A	73.123							
36A	220.083							
37A	93.206	+4.642	+43.330	511.629	824.611	-71.288	2.53	1.95
36A	93.206							
37A	205.778							
38A	98.984	+0.620	+38.867	512.249	863.478	-69.232	1.80	3.06

Forts. fra s. 5

AKP ØST

32A - 33A · 30,36 · 102,781

30.321

-1,325

33A - 34A · 21,365 · 106,768

21.234

-2,266

34A - 35A · 31,505 · 105,488

31.388

-2,713

32A - 33A = 23,395 · 103,111

23.367

-1,143

33A - 34A = 28,285 · 105,335

29,186

-2,367

34A - 35A = 31,52 · 105,647

31.396

-2,792

35A - 36A = 21,685 · 104,705

21.626

-1,601

36A - 37A = 43,59 · 101,506

43,578

-1,031

37A - 38A = 38,88 · 98,706

38,872

+0,791

18	Azimuth	Δx	Δy	x	y	H	l	s
				358.012	411.974	-81.217		
11c	100,773							
16c	197,337							
17c	98.110	+0.665	+22.399	358,677	434,373	-81.002		
16c	98.110							
17c	185,653							
18c	83,763	+6,764	+25,943	365,441	460,316	-77.816		3.03
17c	83,763							
18c	362,669							
19c	246,432	-10.939	- 9.777	354,502	450,539	-78,948	2.82	2.20
13c	106,147			312.280	397.888	-83.931		
15x	195,040							
16x	101,187	+0,224	+12,000	312,056	409,888	-83,283	2,18	2.01
13c	106,147							
15x	188,862							
16x	95.009	+0.903	+11,489	313,183	409,377	83,283	2,13	2,17
18c	246,432							
19c	181,136							
20c	227,568	-22,013	-10,177	332,489	440,362	-79,797	2,11	2,19
19c	227,568							
20c	237,307							
16x	264,875	-19,130	-31,080	313,359	409,282	-83236	2,00	2,13
20c	264,875							
16x	229,908							
15x	294,783							
15x	306,147							
13c	156,072			315,047	369,322	-83,412	3,10	2,265
21c	262,219	-12.460	-18,470	302,587	350,852	-84,112		

16c - 17c: 22.41 · 99.390
+0.215
22.409 Blindstasjon

17c - 18c · 26.81 · 99.630
+0,156
26.810

18c - 19c · 14.68 · 102,223
-0,512
14.671

15* - 16* = 12.03 · 99.659
+0.818
12.662 Retningsplugg

15* - 16* = 11.54 · 96,644
+0,608
11,524

19c - 20c = 24.27 · 102.439
-0,929
24,252

20c - 16* = 36,67 · 106,207
-3,569
36,496

For Vinkelsumkontroll 0,226 0,025

13c - 21c = 22.28 · 99.615
+0,135
22.280

St 19	Azimuth	Δx	Δy	X	Y	H	I	S
15	306.147							
13	365.300			315.047	369.322	-83.412	3.10	—
Hp	71.447	+11.155	+23.182	326,202	392,504	-83.513		
13	262.219							
21	239.800							
22	302.019	+0.593	-18.684	303.180	332.168	-84.865	2.15	2.065
21	302.019							
22	205.662							
23	307.681	+3.510	-28.954	306.690	303.214	-84.783	2.00	2.98
22	307.681							
23	203.318							
24	310.999	+6.414	-36.756	313.104	266.458	-80.222	2.79	2.70
13	276.711			309.200	354.059	-82.163		
15	234.638							
16d	311.349	+4.502	-24.987	313.702	329.072	-79.329	2.775	2.53
23	310.999							
24	193.025							
25	304.024	+2.565	-40.494	315.669	225.964	-83.394	3.52	2.465
23	310.999							
24	163.822							
Hp	274.821	-7.516	-18.001	305.588	248.457	84.450	3.52	—
24	304.024							
25	193.626							
26	297.650	-1.296	-35.105	314.873	196.859	83.350	2.275	2.555
24	304.024			315.669	225.964	-83.394		
25	180.101							
Hp	284.125	-9.413	-36.964	306,256	189.000	-84.738	1.975	2.10

13c - Hp = 25.90 · 92.613

+2.999

25.726 Blindstasjon

21c - 22c = 18,705 · 102.274

-0,668

18,693

22c - 23c = 29.18 · 101,959

-0.898

29.166

23c - 24c = 37.60 · 92.105

+4.651

37.311

15c - 16d = 25.64 · 91,085

+3.579

25.389

24c - 25c = 40.63 · 103,318

-2,117

40,575 Forts side 25

24c - Hp = 19.52 · 102.310

-0,708

19.507 Blindstasjon

25c - 26c = 35.13 · 102,429

-0,236

35,129 Fo

25c - Hp = 38.18 · 102,750

-1,469

38,144 "Vannkumme"

St	Azimuth	Δx	Δy	x	y	H	l	S
16N	311,840					5,677		
17N	185,315			385,042	851,142	+5,697		
18N	297,155	-1,919	-42,912	383,123	808,230	+3,117	3,03	1,91
						3,097		
17N	297,155							
18N	206,004							
19N	303,159	+0,931	-18,746	384,054	789,484	+4,168	1,85	2,735
18N	303,159							
19N	163,679							
20N	266,738	-10,552	-18,325	373,502	771,159	+3,843	2,695	2,77
17N	297,155							
18N	206,055							
19N	303,210	+0,946	-18,748	384,069	789,482	+4,105	2,16	3,71
						+4,085		
18N	303210							
19N	163,491							
20N	266,701	-10,570	-18,330	373,499	771,152	+3,775	3,58	2,75
						+3,755		
19N	266,701							
20N	206,019							
21N	272,720	-11,952	-26,162	361,547	744,990	+3,857	2,57	3,30
						3,837		
20N	272,720							
21N	221,920							
FM	294,640	-1,884	-22,321	359,663	722,669	+3,344	3,17	0,54
20N	272,720							
21N	219,228							
22N	291,948	-1,947	-15,311	359,600	729,679	3,884	3,16	3,84
						3,864		
21N	291,948							
22N	230,767							
23N	322,715	+7,312	-19,616	366,912	710,063	+0,162	3,45	2,45
						+0,142		

Forts fra s 7
Revhiet

17N-18N = 42.98 · 102,163

-1,460 42.965

18N-19N = 18,77 · 99,437

+0,166 18,769

19N-20N = 21,15 · 101,203

-0,400 21,146

18N-19N = 18,78 · 101,905

18,772

-0,562

19N-20N = 21,165 · 98,497

21,159

+0,500

20N-21N = 28,77 · 101,435

28,763

-0,648

21N-FM = 22,50 · 94,000

22,400

+2,117

F.M i det gamle koordinatnet.
Data mangler

21N-22N = 15,45 · 102,940

15,434

-0,713

22N-23N = 21,11 · 108,232

20,934

-2,722

Forts. side 27

St	Azimuth	Δx	Δy	x	y	H	l	S
				342,826	41,732.010	~~+15,009~~		
20V	289,688					+13,486		
21V	204,780							
					680		2.92	2.06
22V	294,468	-2.553	-29,311	340,278	702,699	~~+15,827~~		
					~~318~~	+14,324		
21V	294,468							
22V	207,690							
					345		2.085	2.42
23V	302,158	+0,961	-28,335	341,239	674,364	~~+15,434~~		
					~~383~~	+13,911		
22V	302,158							
23V	198,386							
							2.15	—
24V	300,544	+0,230	~~-26,962~~	341,464	647,402	+15,568		
22V	302,158							
23V	199,120							
							1.89	2.22
24V	301,278	+0,699	-34,812	341,933	639,552	+15,568		
23V	301,278							
24V	199,532							
25V	300,810	+0,456	-35833	342,389	603,719	+16,215	2.125	2.20
						13,911		
22V	302,158			341,234	674,364	~~+15,434~~		
23V	199,240							
							1.77	2.145
24V	301,398	+0,764	-34,771	~~341,998~~ 342,003	639,~~544~~ 575	+15,683		
						~~+15,877~~		
						+13,876		
23V	301,398							
24V	195,849							
25	297,247	-1,680	-38,833	340,323	600,761	+9,986	2,05	
					742	~~9,706~~		
						8,179		
24V	297,247							
25	152,940							
26V	250,187	-8,770	-8,821	331,~~548~~ 553	591,~~440~~ 921	+12,827		2,9
						~~+12,545~~		
						+11,020		
25	250,187							
26V	376,564							
pX	26,751							

21V - 22V = 29.47 · 96.383

+ 1.673

29.422

22V - 23V = 28.36 · 101.635

- 0,728

28.351

23V - 24V = 27.06 · 94.620

+2.284

26.963 Samme som db. hull 1098

23V - 24V = 34.82 · 100,358

- 0,196

34.819

24V - 25 = 35.84 · 98.994

+ 0.567

35.836

23V - 24V = 34.78 · 100,750

~~- 0,126~~

- 0,410

34.779

24V - 25 = 39.04 · 105.955

- 3,647

38.869 Blindstasjon

25 - 26V = 12.44 · 100.760

~~+.4~~ - 0,149

12,439

Fastmerke i nordvegg

Forts. side 33

St.	Azimuth	Δx	Δy	x	y	H	I	S
								
				Bolt 4	43.			
3	292.157			397,030	059,450	-43.62		
Bolt 4	203443						2.895	
1	295.600	-2.358	-34.060	394.672	25.390	-44.903		
Bolt 4	295.600							
1	200.615							
					42.			
2	296.215	-1.969	-33.082	392.703	992.308	-42.769		
1	296.215							
2	198.150							
3	294.365	-3.068	-34.567	389.635	957.741	-40.450		
2	294.365							
3	211.095							
				442	087			
4	305.460	~~+2.747~~ +2.807	~~-31.956~~ -32.654	392,~~385~~	925,~~785~~	-38.375		
3	305.460							
4	200.361							
					889.922			
5	305.821	+3.224	-35.165	395.666	~~890.680~~	-36.201		
4	305.821							
5	194.201							
					857.729			
6	300.022	+0.011	-32.193	395.677	~~853.427~~	33.226		
5	300.022							
6	209.502							
					826.564			
7	309.524	+4.697	-31.165	400.374	~~827.262~~	-29.552		
6	309.524							
7	201.191							
				729	049			
8	310.715	+5.355	-31.515	405,~~669~~	795,~~742~~	-27.548		

Bolt 4-1 = 34.18 · 96.996 = 34.142
+1.612

1-2 = 33.21 · 95.907 = 33.141
+2.134

2-3 = 34.78 · 95.753 = 34.703
+2.319

3-4 = 32.84 · 95.976 = 32.774
+2.075

4-5 = 35.38 · 96.085 = 35.313
+2.174

5-6 = 32.33 · 94.134 = 32.193
+2.975

6-7 = 31.23 · 92.613 = 31.517
+3.674

7-8 = 32.03 · 96.015 = 31.967
+2.004

St	Azimuth	Δx	Δy	x	y	H	I	S
7	310715							
8	384436							
					830,477			
9	95,151	+2.704	+35.428	408,433	~~831,175~~	-28.980		
8	95.151							
9	201.909							
				410.016	864,721			
10	97.060	+1583	+34.244	~~409956~~	~~865419~~	-32.865		
9	97.060							
10	205.822							
				532	897.486			
11x	102,882	-1,484	+32,765	408,~~472~~	~~898,184~~	-31.054		2.66
10	102.882							
11x	202.790							
					177			
12x	105.672	-2.652	+29.691	405,880	927,~~875~~	-31.245	2.535	2.115
11x	105.672							
12x	201.802							
13	107.474	-4.140	+35.104	401.740	962.281	-32.955	2.15	
12x	107.474							
13	199.050							
14	106.524	-2.440	+23.730	399,300	986,011	-33.066		
13	106.524							
14	193.787							
					43.			
15	100.311	-0.147	+29.999	399,153	016,010	-32.794		
14	100.311							
15	198.224							
16	98.535	+0.857	+37.240	400,010	53.250	-32.655		
15	98.535							
16	181.601							
17	80,136	+6.410	+19.872	406,420	73.122	-32.527		
Hull nr 309				412.4	73.20	-32.74		

NB

8-9 = 35.56 · 102.565

35.531

-1.432

9-10 = 34.50 · 107.185

-3.885 34.281

10-11x = 32.81 · 101.647

-0,849 32.799 Fastmerke

11x-12x = 29.81 · 99.510

29.809 Fastmerke

+0.229

Forts. side 26

Kontrollmåling komort

12x-13 = 35.35 · 99.208

+0,440 35.347

13-14 = 23.855 · 100.295

23.855

-0,111

14-15 = 30.00 · 99.422

29.999

+0.272

15-16 = 37.25 · 99.763

37.250

+0,139

16-17 = 20.88 · 100,389

20,880

-0,128

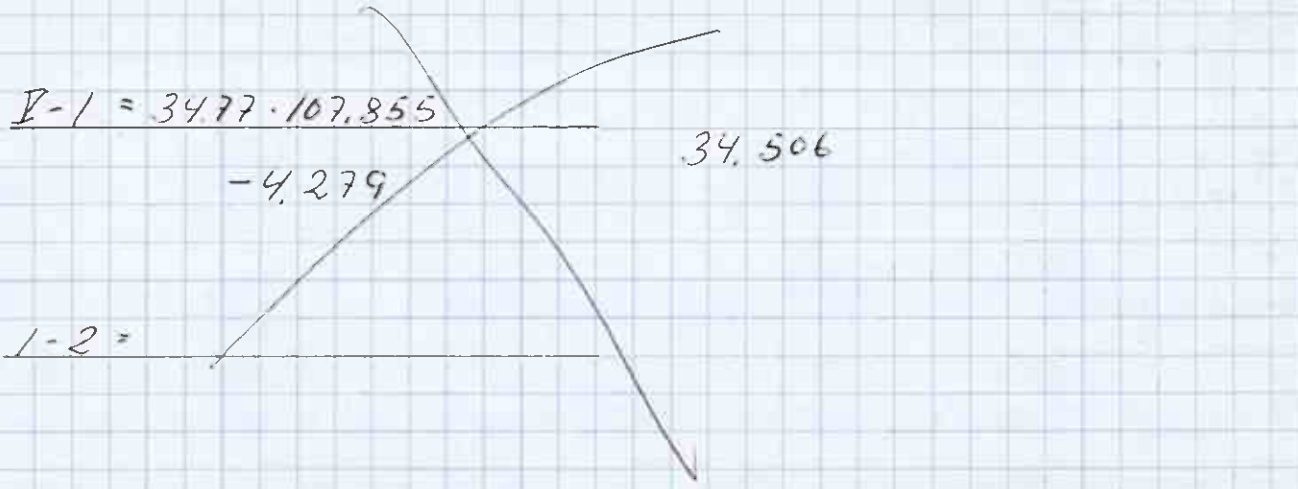
Horisontalt diamantborhull

Blindstasjoner

Kontrollmåling kom.ort

St	Azimuth	Δx	Δy	x	y	H	l	s
FmVI	92,951				42.	-21.072		
FmI	214,800			410,221	755,196			
1	107,751	-4,191	+34,251					
FmI								
I								
II								
VI	92,951				42			
I	214,795			410,221	755,196	-21,072		
7	107,746	-4,188	+34,251	406,033	789,447			
I	107746							
1	188,654							
2	96,400	+2,074	+36,642	408,107	826,089			
1	96,400							
2	199,995							
3	96,395	+2,226	+39,266	410,333	865,355			
2	96,395							
3	202,108							
10x	103,503	-1,771	+32,146	408,562	897,501			
3	103503							
10x	202,099							
12x	105,602	-2,620	+29,694	405,942	927,195			

Kontrollmåling fra bilstell til komort



V-1 = 34.77 · 107.855

-4.279

34.506

1-2 =

FM V-1 = 34.77 · 107.855 = 34.506

-4.279

1-2 = 36.74 · 102.935

-1.693

36.701

2-3 = 39.54 · 106.574

-4.076

39.329

3-10x 32.21 · 101.958

-0.990

32.195

10x-12x 29.81 · 99.438

+0.263

29.809

Se side 23

NASA

St	Azimuth	Δx	Δy	x	y	H	l
				315.669	225.964	-83.391	
24c	304,024						
25c	193.542						
26c	297.566	-1.344	-35.144	314.325	190.820	-83.154	2.10
25c	297.566						
26c	220.587						
27c	318,153	+6.760	-23.060	321,085	167.760	-78.953	2.40
~~26c~~	~~318.153~~						
~~27c~~	171.238						
28c	289,391	~~-4.870~~	~~-28.951~~	316,215	~~138.809~~	~~-79.360~~	3.25
~~24c~~	304.024			315.669	225.964	~~-83.394~~	
25c	195.105						
26c	299.129	-0.479	-35.031	315.190	190.933	-85.145	1.945
25c	299.129						
26c	212.679						
27c	311.808	+5.868	-31.275	321.058	159.658	-82.007	
26c	311.808						
27c	171.873						
28c	283.681	-5.216	-21.806	315.342	137.852	79.371	
27c	283.681						
28c	212.705						
29c	296.386	-2.362	-41.558	312.980	96.294	~~-1.86~~ 75.464	1.86 ~~2.44~~

S

Fortsatt fra s 19 25

25c - 26c = 35.17 ~~100,115~~

-0,064

35,170 Skutt vekt

2.40

C

26c - 27c = ~~26.26 · 91.218~~

+3,336

~~24.030~~ Innlakt, men går ut av drag

3,265

27c - 28c = ~~29.37 98.195~~

+0,833

~~29.358~~ Skutt vekt

2,01

25c - 26c = 35,035 · 99,647

+0,194

35.034 Blindstasjon

—

26c - 27c = 31,975 · 93,743

+3,138

31,821 Blindstasjon

27c - 28c = 22,555 · 97.935

+0,731

22,543

1.905

28c - 29c = 41,76 · 94,878

+3,357

41.625

2,41

26

St	Azimuth	Δx	Δy	x	y	H	I	S
11x	105,672			405,880	927,177	-31,245		
12x	201,158							
13x	106,830	-3,230	+24,988	402,650	957,165	-31,714	2.06	3,48
12x	106,830							
13x	191,524							
A	98,354	+0,658	+25,455	403,308	982,620	-35,603	3.33	
13x	98,354							
A	172,938							
B	71,292	+5,740	+11,853	409,048	994,473	-32,684	~~3,33~~	
A	71,292							
B	216,494							
C	87,786	+4,756	+24,482	413,804	43. 018,955	-32,549		
B	87,786							
C	200,773							
D	88,559	+6,456	+35,538	420,260	43 054,493	-32,665		
12x	106,830							
13x	201,714							
14x	108,544	-4,856	35,964	397,794	993,129	-31,675	3,30	5,05
13x	108,544							
14x	154,260							
R.P.	62,804	+6,087	9,205	403,881	43. 002,334			
14x	62,804							
RP	143,200							
Hull 1097	6,004	-8,987	-0,850				2,54	
13x	108,544							
14x	164,481							
15x	73,025	+7,565	+16,773	405,359	43. 009,902	-34,107	4.99	3,18

Forts. fra s 23

12x - 13x = 30.22 · 103.982

-1.889

30.161

13x innf. i protokoll 13/2 84

Forts. side 40

13x - A = 25.47 · 101.399

-0.559

25.464

A - B = 13.49 · 86.113

+2.919

13.170

B - C = 24.94 · 99.655

+0.135

24.940

C - D = 36.12 · 100.205

-0.116

36.120

Gjelder kontroll måling komert ikke fastmerker

13x - 14x = 36.33 · 103.000

-1.711

36.290

Går ut av draget

forts side 40

14x Retn. plugg = 11.265 · 87.14

+2.26

11.036

Retn. plugg - Hull 1097 = 9.03 · 98.49

~~+0.214~~

9.027

14x - 15x = 18.41 · 102.150

-0.622

18.400

St	Azimuth	Δx	Δy	x	y	H	l	S
22M	322.715			366,912	710,063	+0.162		
23M	302,027					4		
24M	324,742	+11,802	-28.821	378,714	681,242	-1,801	2,155	2.44
						1.821		
23M	324,742							
24M	185,275							
25M	310,017	+3,922	-24,720	382,636	656,522	-4.398	2.445	2.10
						-4.418		
24M	310,017							
25M	155,005							
R.P.	265,022	-5,176	-8,453	377,460	648,069	-5071	2.00	2.57
						-5,091		
25M	265,022							
RP	143,200							
Hull	208,222	-8,952	-1,163	368,508	646,906	-7,397	2.54	
1097						7.417		
24M	310,017							
25M	179,599							
26M	289,616	-4.428	-26.904	378,208	629,618	-6,632	2,025	2.94
25M	289,616							
26M	208,882							
27M	298,498	-0,839	-35,55	377,369	594,068	-7,028	2.99	2.67
26M	298,498							
27M	227,880							
1107	326,378	+2,297	-5,223	379,666	588,845	-6,252	2.58	
25M	289,616							
26M	370,472							
27y	60,088	+5,877	+8,113	384,085	637,731	-5.753	2,99	2.75
26M	60088							
27y	82,455							
28D	343,043	+10,914	-13,604	394,999	624,127	-5,894	2.715	2,21
1.								

Linse 3 vest

Forts. fra side 20

23N - 24N = 31.225 · 104.588

-2,248

31.144

24N - 25N = 25.13 · 105.713

-2,252

25.029

t.o.m 25N innf. i hovedprotokoll 43-85

34,20

25N - Retningspl = 9.99 · 107,94

-1,243

9,912

Retn.plugg - 1097 = 9.03 · 98,49

+0,214

9,027

Hull 1097 er kontr. målt L = 30.43 m. I flg. koord. nat - beregningen oppe i Blåstoll blir lengden 34,52 m D:I 9cm

25N - 26N = 27.445 · 107,274

-3,129

27,266

Hull nr 1107 er kontrollmålt fra. J.V tunnelen L = 34,20

Ndrag forts s. de 34

26N - 27N = 35,56 · 100,136

-0,076

35.560

Innf. h prot. 17/6-86

Hull 1107 innmålt

66.15

27N - DB hull 1107 = 6.62 · ~~68,15~~ =

+3,356

5.706

26N - 27Y = 10,08 · 92.919

+1,119

10,018

Tverrslag nord Linse 3 østover forts s. de 38

27y - 28B = 12,445 · 98,673

+0,364

12.441

Tverrslag nord forts. s. de 36

28

St	Azimuth	Δx	Δy	x	y	H	l	S
14V	284,920			357.240	895,811	+9.68		
15V	200,370							
I	285,290	-8.535	-36,279	348,705	859,532	+8,754	1,825	
15V	285,290							
I	232,258							
II	317,548	+9,710	-34,328	358,415	8,25,204	+9,327		
I	317,548							
II	86,250							
601	203,798	-7,722	-0,461	350,693	824,743	+11,877		
14V	284,920							
15V	259,366							
A	344,286	+7,933	-9,503	365,173	886,308	+11,169	1,685	
15V	344,286							
A	332,193							
652	76,479	+10,275	+26,533	375,448	912,841	+13,258		
Px	226,751			331,548	591,940	+11,02 ~~+12,543~~		
26V	874,312							
I	1,063	+10,329	+0,172	341,877	592,112	~~+9,809~~ +8,286	2,80	
26V	1,063							
I	97,616							
II	298,679	~~-0,427~~ ~~+10~~	-20,580	341,450	571,532	~~+15,625~~ +14,102		
I	298,679							
II	200,115							
III	298,794	-0,364	-19,217	341,086	552,315	~~+15,664~~ +14,141		
II	298,794							
III	205,697							
IV	304,491	+0,858	-12,139	341,944	540,176	~~+15,827~~ +14,304		

Kontrollmåling

98,464 · 37.28

+0,899

37.269

98.942 · 35.68

+0.593

35.675

601?

Fastmerke ved sjøkt

79.730 · 8,145

+2.550

7.736

4104 -231,5x

H= +11.02

84.020 · 12.78

+3,174

12.379

95,336 · 28,53

+2,089

28,453

Fastmerke nr 652 ved amunusjoslager

Kontrollmåling blåstoll

99.596 · 10,33

+0.066

10.330

82.469 · 21,39

+5,816

20,584

99,872 · 19.22

+0,039

19.22

99.149 · 12.17

+0.163

12.169

Forts

29				341,086	552,315	14,141 ~~+1,564~~
II	298,794					
III	129,650					
614 d II	228,444	-3,821	-1,831	337,265	550,484	~~+16,508~~ ~~+ 6[illegible]~~ 15,045
I	298,794					
II	393,290					
[redacted]	92,084	+0,468	+3,742	341,554	556,057	+16,442 1,523 14,919
	614e					

Kontrollmätning

87.48 · 4,32

+0,844

4.237

87.05 · 3.85

+0, 778

3,771

614 c x = −239,708 y +141,192 H = +14.10

30

St	Azimuth	Δx	Δy	x	y	H	l	S
				[redacted]425.	43.			
20c	27,568			354,502	450,539	-78,948		
19c	191,256							
20d	18,824	+17,932	+5,463	372,434	456,002	-77,396	2.015	3,185
19c	18,824							
20d	249,283							
21d	68,107	+12,437	+22,713	384,871	478,715	-78,200	3.065	2.385
20d	68,107							
21d	192,141							
22d	60,248	+11,507	+15,968	396,378	494,683	-78,478	2.30	2.57
21d	60,248							
22d	245,666							
23d	105,914	-1,578	+16,939	394,800	511,622	-78,249	2.22	2.135
22d	105,914							
23d	194,727							
24d	100,641	-0,366	+36,357	394,434	547,979	-76,926	1.965	3,01
23d	100,641							
24d	178,120							
25d	78,761	+5,508	+15,892	389,942	563,871	-77,359	2.85	2.585
23d	100,641							
24d	177,155							
25d	77,796	+9,233	+25,291	403,667	573,370	-76,355	2,885	2,65
24d	77,796							
25d	204,921							
26d	82,717	+6,970	+25,646	410,637	598,410	-77,111	2.56	2,78

Linse 3 mot E6 Forts. fra s. 18

19c - 20d = 18,75 · 98,704

~~+3,~~ + 0,382 = 18,746

20d - 21d = 25,895 · 100,306

25,895

- 0,124

21d - 22d = 19,69 · 101,772

19.682

- 0,548

22d - 23d = 17,015 · 98,824

17.012

+ 0,314

23d - 24d = 36,36 · 99,513

36.359 Forts. side 37

+ 0,278

24d - 25d ~~+~~ 16,82 · 100,637

16,819

~~+~~ - 0,168

24d - 25d ~~+ 27,203 · 98,162~~

27,018

+ 0,806

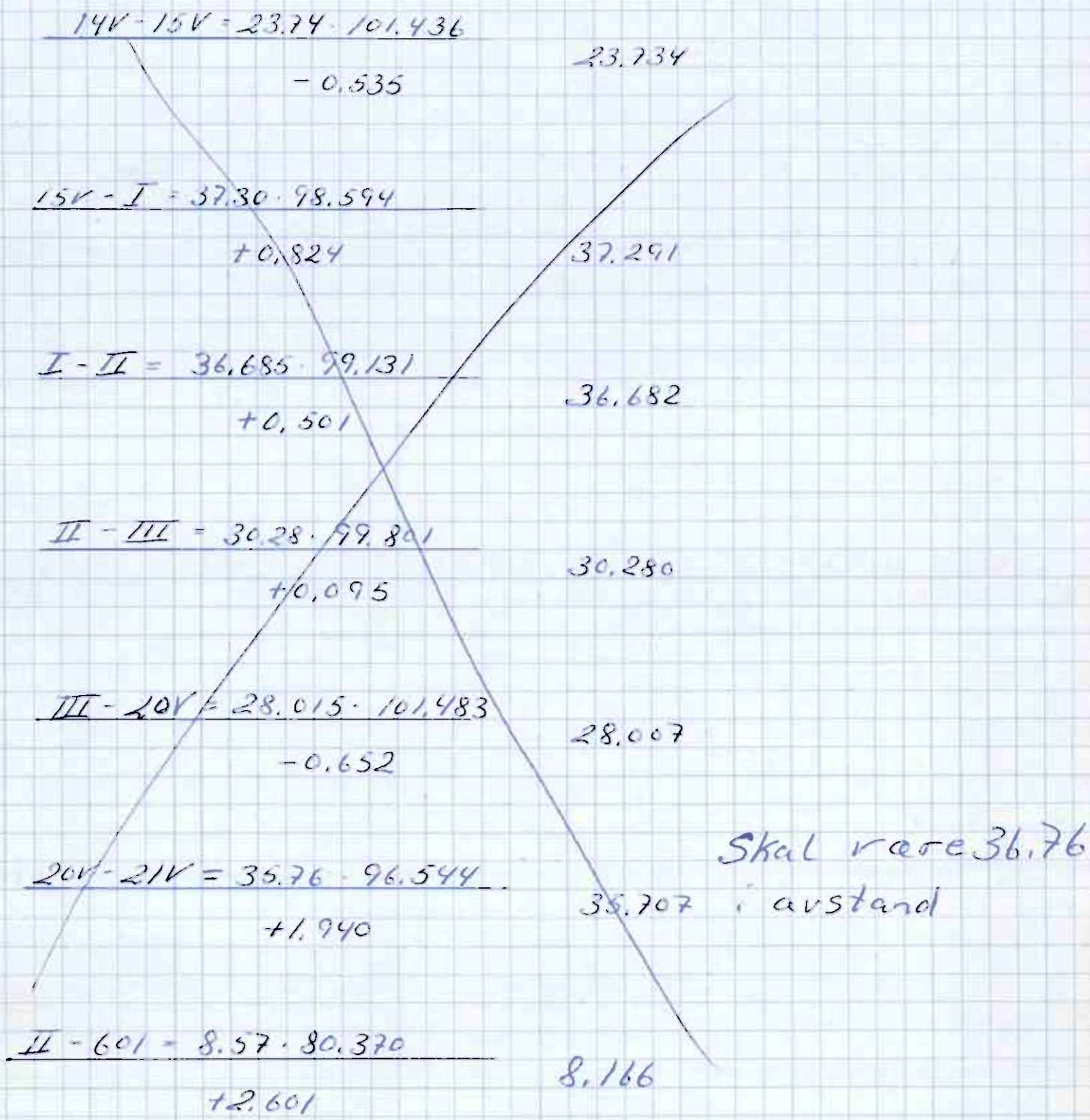
25d - 26d ~~+ 26,01 · 102,376~~

25,992

- 0,976

Kontrollmålinger fra anmunnsjonslager til Blåstoll

St.	Azimuth	Δx	Δy	x	y	H	l	S
13V	307,173			362.808	918,875	+11.51		
14V	177,757							
15V	284,930	-5,566	-23,072	357,242	895,803	+9,650	3,19	1,865
14V	284,930							
15V	199,492							
I	284,422	-9,034	-36,180	348,208	859,623	+8,779	1,695	—
15V	284,422							
I	234,829							
II	319,251	+10,924	-35,018	359,132	824,605	+9,280		
I	319,251							
II	167,152							
III	286,403	-6,418	-29,592	352,714	795,013	+9,375		
II	286,403							
III	205,288							
20V	291,691	-3,645	-27,769	349,069	767,244	+11,978		3,255
III	291,691							
20V	198,000							
21V	289,691	-5,757	-35,240	343,312	732,004	+13,418	3,22	2,72
I	319,251							
II	87,167							
601	206,418	-8,125	-0,822	351,007	823,783	+11,881		


14V - 15V = 23.74 · 101.436
- 0.535
23.734
15V - I = 37.30 · 98.594
+0,824
37.291
I - II = 36,685 · 99,131
+0, 501
36,682
II - III = 30.28 · 99.801
+0,095
30,280
III - 20V = 28.015 · 101,483
-0,652
28,007
20V - 21V = 35.76 · 96.544
+1,940
35,707
II - 601 = 8.57 · 80.370
+2.601
8,166
Skal være 36,76
i avstand

St	Azimuth	Δx	Δy	x	y	H	l	S
					41			
14V	284,920			357,240	895,811	+9,680		
15V	200,275							
I	285,195	-8,723	-36,832	348,517	858,979	+8,752	1,765	
15V	285,195							
I	233600							
II	318,795	+10,388	-34,159	358,905	824,820	+9,414		
I	318,795							
II	167,815							
III	286,610	-6,283	-29,432	352,622	795,388	+9,260		
II	286,610							
III	204,381							
20V	290,991	-3,871	-27,171	348,751	768,217	+11,991		3,27
III	290,991							
20V	288,689							
21V								
III	290,991							
20V	198,697							
21V	289,688	-5,920	-36,226	342,831	731,991	+13,486	3,22	2,72

15V - I = 37.86 · 98,593

+0,887

37,851

I - II = 35.71 · 98,819

+0,662

35,704

II - III = 30,095 · 100,326

-0,154

30,095

III - 20V = 27,45 · 101,249

-0,539

27,445

20V - 21V = 36.76 · 96.544

+1.995

36,706

Forts. side 21

St	Azimuth	Δx	Δy	x	y	H	l	S
				553	921			
Px	226,751			331,5~~48~~5	91,9~~4~~	+11,020		
26V	272,523							
27V	299,274	-0,349	-30,644	331,19~~9~~5	61,~~296~~	+14,307	2,90	3,545
				204	230			

26V - 27V = 30,76 · 94 526

+2.642

30,646 inn/f. hovedprotokoll 25/4-85

34

St	Azimuth	Δx	Δy	x	y	H	l	S
				377,369,594,068		-7,028		
26N	298.498							
27N	181.075							
28	279.573	-10,825	-32,872	366,494,564,196		-7.546	2.69	3.35
26N	298,498							
27N	203.923							
28N	302,421	+1,025	-26.940	378,394,567,128		-6,261	2.43	3.38
27N	302.421							
28N	299.77							
1113	322,191	+7,986	-21,975	386,380,545,153		-3,843	3.30	
26N	298,498							
27N	188.056							
28	286,554	-8,125	-37,894	369,244,556,174		-8,089	2.335	2.66
27N	302421							
28N	212.927							
29N	315,348	+6,242	-27,419	385,136,539,709		-4.133	3.28	2.76
27N	286.554							
28	232,176							
29	318,730	+4,835	-15,956	374,079,540,278		-7.574	2,395	2.38
27N	302.421			378,394,567,128		-6,261		
28N	212.661							
29N	315082	+6,903	-28,590	385,297,538,537		-4.079	3,105	2.78
28N	315.082							
29N	189.047							
30N	304,129	+1,574	-24,251	386,817,514,306		-1,845	2.54	2.95

Linse 3 vest hovedort

Forts fra s 27

27N - 28 = 34.66 · 92.197

1.178

34.640

27N - 28N = 26,96 · 100,445

- 0,188

26.959

28N - DBhull 1113 = 24.07 · 84,73

+ 5.718

23.381

Diamantborhull nr 1113

27N - 28 = 38,78 · 102,276

- 1.386

38.755

Ort nr 9 forts s. 39

28N - 29N = 28.360 · 94.048

+ 2.648

28.236

28 - 29 = 16.68 · 97.077

+ 0,530

16.672

28N - 29N = 29.52 · 94,588

+ 2,507

29.413

29N - 30N = 24.35 · 95,240

+ 1,819

24.282

Fortsettelse side 42.

35

St	Azimuth	Δx	Δy	x	y	H	l	s
25N	289,616			378,208	629,618	-6,632		
26N	156,273							
27x	245,889	-23,042	-20,243	355,166	609,375	-10,830	2,98	2,62
26N	245,889							
27x	219,023							
28x	264,912	-14,667	-23,860	340,499	585,515	-14,891	2,53	2,09
27x	264,912							
28x	223,676							
29x	288,588	-5,277	-29,123	335,222	556,392	-13,876	2,025	3,73
28x	288,588							
29x	193,247							
30x	281,835	-9,245	-31,518	325,977	524,874	-13,255	3,12	3,25
29x	281,835							
30x	197,622							
31x	279,457	-11,214	-33,537	314,763	491,337	-12,010	3,15	2,75
29x	281,835							
30x	283,032							
32x	364,867	+7,336	-4,517	333,313	520,357	-12,847	3,075	3,19
30x	364,867							
32x	134,590							
33x	299,457	-0,204	-23,846	333,109	496,511	-12,475	2,690	2,68
32x	299,457							
33x	186,070							
34x	285,527	-5,640	-24,380	327,469	472,131	-11,654	2,55	2,825
33x	285,527							
34x	207,496							
35x	293,013	-2,122	-24,258	325,347	452,873	-10,588	2,77	2,845

Forts fra side 27.

26N-27x

30,91 · 107,925

30,671

-3,838

27x-28x = 28,24 · 108,186

28,007

-3,621

28x-29x = 29,605 · 101,485

29,597

-0,690

29x-30x = 32,85 · 99,048

32,846

+0,491

30x-31x = 35,30 · 97,033

35,262

+1,645

30x-32x = 8,62 · 97,838

8,615

+0,293

32x-33x = 23,85 · 98,982

23,847

+0,382

33x-34x 25,03 · 98,616

25,024

+0,544

34x-35x 19,40 · 96,748

19,375

+0,991

Forts. side 45

36

St	Azimuth	Δx	Δy	X	Y	H	l	S
27y	343,043			394,999	624,127	-5,594		
28b	144,023							
29b	287,066	-5,941	-28,837	389,058	595,290	-4,761	2.11	2.98
28b	287066							
29b	212,024							
30b	299,090	-0,220	-15.357	388,836	579,933	-2.662	2,865	3,71
29b	299,090							
30b	251,262							
31b	350,352	+10,704	-10,586	399,540	569,347	-3,745	3,49	2,55
30b	350,352							
31b	170,894							
						-1,949	2,315	
32b	321,246	+5,787	-16,518	405,267	552,829	~~-2,315~~	~~3,13~~	3,13
30b	350,352							
31b	136938							
33b	287,290	-5,799	-28.657	393,741	540,690	-3.518	2.25	2.83
31b	287.290							
33b	272,906							
34b	360,196	+16.341	-11,796	410,082	528,894	-0,788	278	3.16
33b	360.196							
34b	134,323							
35b	299,519	- 0,185	-24,444	409,897	504,450	+ 2,255	3,135	2,63
35b		- 0,185	-24,453		,441	+ 2,249	2,585	3,03
35b	299,519			409,897	504,446	+ 2,252		
34b	299,519							
35b	209,787							
36b	309,306	+ 2,836	- 19,265	412,733	485,181	+ 5,430	2,62	2,81

Linse 3 vest nordvestover Forts fra side 27

28b - 29b = 29.45 · 99.432

+0,263

29.443

29b - 30b = 15.41 · 94.813

+1,254

15359

30b - 31b = 15.055 · 99.745

+0,060

15,055

31b - 32b = 96.432 · 17.51

+0,981

17,483

Bör ikke brukes for videre måling

31b - 33b = 29.24 · 100.769

−0,353

29,238

33b - 34b = 20.29 · 92.612

+2,350

20,154

34b - 35b 24,70 · 90,837

+3,543

24.445

35b - 34b 24,70 · 909,006

-3,482

24,453

35b - 36b 19,70 · 90,324

+2,983

19,473

Forts. side 44

37 St	Azimuth	Δx	Δy	x	y	H	l	S
				394,434	547,979	-76,926		
23d	100.641							
24d	172.952							
25d	78,593	+8,415	+24.075	402,849	572.054	-76,613	2.885	2.60
24d	78,593							
25d	203,121							
26d	81,714	+7,791	+26,372	410,640	598,426	-77.495	2.88	2.78

Forts fra s. 30

24d - 25d = 25.51 · 98,508

+0,598 25.503

25d - 26d = 27.51 · 101,809

27,499

-0,782

38	Azimuth	Δx	Δy	x	y	H	l	S
				384,085	637,731	-5,753		
26y	60.088							
27y	185,553							
28y	45.641	+10,276	+8,286	394,361	646,687	-3,790	2,64	4,24
28b	143,043							
27y	99,295							
28y	42,338	+10,693	+8,386	394,778	646,117	-3,719	2,54	4,40
27y	42,338							
28y	269,041							
29y	111,379	-4,157	+23,066	390,611	669,183	-6,118	4,555	2,32
27y	42,338							
28y	270,214s							
29y	112,552s	-7,815	+39,118	386,963	685,235	-11,910	4,52	1,22
28y	112,552s							
29y	155,565							
30y	68,117s	+6,243	+11,406	393,206	696,641	-12,147	1,22	2,66
29y	68,117s							
30y	220,388							
31y	88,455s	+3,681	+20,074	396,887	716,715	-13,756	2,79	3,00
30y	88,455s							
31y	218,180s							
32y	106,636	-3,097	+29,607	393,790	746,322	-17,871	3,01	2,53
31y	106,636							
32y	190,658							
33y	97,294	+1,005	+23,631	394,795	769,953	-19,392	2,48	2,30
31y								
32y	97,294							
33y	157,110							
1050	54,404	+6,488	+7,454	401,283	777,407	-19,473	2,17	

Linse 3 nord öst

Forts. fra side 27

27y - 28y = 13,635 · 98,304 — 13,630 — Går ut!
+0,363

27y · 28y · 13,59 · 99,207 — 13,589 — Ny plugg 28y innmålt.
+ 0,169

28y - 29y · 23,44 · 100,460 — 23,439 — Går ut.
- 0,169

28y - 29y 40,19 · 107,767 — 39,891
- 4,891

29y - 30y 13,11 · 108,166 — 13,002
- 1,677

30y - 31y 20,49 · 105,658 — 20,409
- 1,819

31y - 32y 29,99 · 107,747 — 29,768
- 3,640

32y - 33y 23,69 · 103,606 — 23,652 — Forts. side 54 og 55
- 1,341

53y - 1050 10,1 · 86,740 — 9,882 — Diamantborhull 1050
+ 2,089

39

St.	Azimuth	Δx	Δy	x	y	H	l	S
27N	286.554			369244	556,174	-8.089		
28	236,449							
29	323,003	+5,410	-14,316	374,654	541,858	-7,577	2,335	2,52
28	323.003							
29	171,594							
30	294,597	-3,031	-35,624	371,623	506,234		2.24	3.41
28	323,003							
29	121,475							
30c	244,478	-15,287	-12,841	359,367	529,017	-7,513	2.24	2.735
29	244,478							
30c	249,966							
31c	294,444	-2.065	-23.065 605	357,304	505,412	-7,201	2.255	3.04
		-2,066	-23,618	357,301	505,399	-7,203	3,13	2,08
31c				357,303	505,406	-7,202		
30c	294,444							
31c	207,871							
BL	302,315	+1,021	-28,069	358,324	477,337	-9,974		
31c	302,315							
BL	212,818							
8404	315,133	+5,100	-21,049	363,424	456,288	-7,971		
30c	294,444							
31c	206,305							
32c	300,749	+0,241	-20,528	357,544	484,878	-7,937	3,135	2,545
31c	300,749							
32c	205,782							
33c	306,531	+2,373	-23,051	359,917	461,827	-5,777	2,41	2,62

Linje 3 vest. stoll nr. 4

Forts fra s. 34

28-29 = 1531 98,171 + 0,440 = 15,304

Høyde i 29 beregnet fra 29 mot 28.
Forts. side 41.

29-30 = 35831 96823 + 2,349 = 35,753

29-30c = 19,97 · 101,375 − 0,431 = 19,965

30c-31c = 23,70 · 101,270 − 0,473 = 23,695

31c-30c = 23,72 · 98,014 + 0,740 = 23,708

31c-I = 28,09 · 99,188 + 0,358 = 28,088

Blindstasjon

BL-8404 = 21,75 · 94,129 + 2,003 = 21,658

Diamantborhull nr. 8404

31c-32c 20,53 · 100,449 − 0,145 = 20,529

32c-33c 23,255 · 94,657 + 1,950 = 23,173

Forts. side 43

40 st	Azimuth	Δx	Δy	x	y	H	l	S
				~~402,650~~	~~927,177~~	~~-31,245~~		
12x	106,830			~~405,880~~	~~927,177~~	~~-31,245~~		
13x	200,298			402,650	957,165	-31,714	3,21	
14x	107,128	-3,769	+33,521	~~402,141~~	~~960,648~~			
			520	398,881	990,686			
13x	107,128							
14x	172,152							
15x	79,280	+6,470	+19,171	~~395,641~~	~~979,869~~			
				405,351	43009,857	~~-34,099~~	~~3,065~~	3,17
						-34,096		
14x	79,280							
15x	210,434							
16x	89,714	+4,657	+28,574	~~400,298~~	~~8,443~~	36,196 ~~-36,203~~		
				410,008	038,431	~~-32,289~~	3,065	2,805
15x	89,714							
16x	197,420							
17x	87,134	+5,589	+27,278	415,597	065,708	-37,762	2,595	3,56
16x	87,134							
17x	217,801							
18x	104,935	-1,658	+21,342	413,939	087,050	-45,751		
17x	104,935							
18x	235,510							
4A	140,445	-12,056	+16,352	401,883	103,402	-45,977		2,11

Bilstoll, bunnsort.

Forts. fra side 26

13x - 14x 33,78 · 103,408 ~~33,732~~
- ~~1,810~~
- 1,807 33,732

14x - 15x 20,24 · 101,683 20,233
- 0,535

15x - 16x 29,01 · 104,041 ~~28,951~~
- ~~1,844~~ 28,952
- 1,840

16x - 17x 27,96 · 105,771 27,845
- 2,531

17x - 18x 21,86 · 112,988 21,407
- 4,429

18x - 4A 20,45 · 107,288 20,316
- 2,336

Blindstasjon.

Sluttet drag.

Gap fx 0,042

fy 0,053

fh 0,040

41

St	Azimuth	ΔX	ΔY	X	Y	H	i	S
28	323,003							
29	172,276			374,654	541,858	-7,577		
30	295,279	-2,776	-37,363	371,878	504,495	-4,067 -4,073	2,335	3,34
29	295,279							
30	208,141							
31	303,420	+1,133	-21,070	373,011	483,425	-3,504	3,08	3,025
32c	306,531							
33c	298,821					-5777		
3								
32	5,352	+11,183	+0,942	371,100	462,789	-3,863	2,585	2,80
33c	5,352							
32	288,867							
31	94,219	+1,883	+20,674	372,983	483,443	-3,512	2,80	3,045
31	~~303,379~~			372,997	483,434	-3,508		
29	123,003							
28	275,021			369,244	556,174	-8,689		
1254	198,024	-8,502	+0,264	360,742	556,438	-7,893	2,060	
	294,219							
31	~~5,352~~							
32	193,987							
	288,206							
33	~~199,339~~	-3,887	-20,741	367,213	442,028	-0,396 -0,989	2,775	~~4,31~~ 3,72
32	288,206							
33	216,294s							
34	304,500s	+2,045	-28,877	369,258	413,151	+1,258	3,05	
33	304,500s							
34	217,025s							
35	321,526	+8,566	-24,361	377,824	388,790	+6,413		2,695

Hoveddrag 1.3 rest. Stoll nr. 4

Forts. fra side 39.

29-30 37,55 · 95,760 = 37,466

+ 2,505

499

30-31 21,11 · 98,119 21,101

+ 0,624

33-32 11,35 · 90,437 11,222

+ 1,699

32-31 20,76 · 99,674 20,760

+ 0,106

Middel ved sammenkobling av hoveddrag og c drag.

28-1254 8,80 · 83,498 8,506

+ 2,256

Diamantborhull 1251-1255

32-33 21,19 · 94,188 21,102

+ 1,932

33-34 29,43 · 88,480 28,950

+ 5,297

Blindstasjon

34-35 25,94 · 93,953 25,823

+ 2,460

Forts. s. 41.

412	Azimuth	Δ X	Δ Y	X	Y	H	I	S
34b	160, 196							
33b	250, 756			393, 741	540, 690	-3,518		
29N	210, 952	- 9, 761	- 1, 696	383, 980	538, 994	- 4, 121	2,810	2,885
33b	210, 952							
29N	296, 448							
30N	307, 400	+ 2, 886	- 24, 720	386, 866	514, 274	- 2, 039	2,83	2,775
29N	304, 129							
30N	195, 152							
~~31N~~	~~299, 281~~	- 0, 217	- 19, 219	386, 647	495, 055	- 0, 312	2,88	2,85
29N	307, 400							
30N	195, 152							
31N	302, 552	+ 0, 770	- 19, 204	387, 636	495, 070	- 0, 312		
30N	302, 552							
31N	280, 561							
1N	383, 113	+ 11, 900	- 3, 233	399, 536	491, 837	+ 2, 470	2,775	3, 12
30N	302, 552							
31N	204, 212							
32N	306, 764	+ 1, 555	- 14, 582	389, 191	480, 488	+ 0, 586	2,82	2,50
31N	306, 764							
32N	197, 218							
33N	303, 982	+ 1, 373	- 21, 920	390, 564	458, 568	+ 2, 466	2,605	1, 94
32N	303, 982							
33N	190, 161 s							
34N	294, 143 s	- 2, 772	- 30, 043	388, 122	428, 525	+ 7, 109	1,965	2,49

L 3 vest nr. 2

Forts. fra side 34.

33b - 29N 9,93 · 104,351 = 9,907
- 0,678

29N - 30N 24,98 · 94,547 = 24,888
+ 2,137

30N - 31N 19,30 · 94,197 = 19,220
+ 1,757

Vinkelfejl.

31N - 1N 12,57 · 87,579 = 12,331
+ 2,437

31N - 32N 14,665 · 94,708 = 14,614
+ 1,218

32N - 33N 22,11 · 92,659 = 21,963
+ 2,545

33N - 34N 30,45 · 91,365 = 30,170
+ 4,118

Indført hovedprotokoll 4/2-87

43 st	Azimuth	Δ x	Δ Y	X	Y	H	I	S
33f	220,444							
33c	74,397							
34c	294,823	- 2,132	-26,162	357,785	435,665	-3,538	2,07	2,375
33c	294,823							
34c	202,131							
35c	296,954	- 1,515	-31,642	356,270	404,023	+ 0,913	2,365	3,15
34c	296,954							
35c	226,000							
36c	322,954	+ 4,926	-13,063	361,196	390,960	+ 0,997	2,735	2,095

L.3 vest stuff. nr. 5

Forts. fra side 39

33c - 34c 26,32 · 95,318 = 26,249

+ 1,934

34c - 35c 31,89 · 92,666 = 31,679

+ 3,666

35c - 36c 13,98 · 96,702 = 13,961

+ 0,724

Sløyfe sør for hoveddrag, ikke innført i hovedprotokoll. 5/1-88 TD

St	Azimuth	Δ X	Δ Y	X	Y	H	I	S
35b	309,306			412.733	485.181	+ 5.430		
36b	182,760							
37b	292,066	- 3,636	- 29,022	409,097	456,159	+ 9,884	2.86	2,905
36b	292,066							
37b	173,018							
Ib	265,084	- 9,136	- 14,953	399,961	441,206	+ 9,355	2,84	2,81
36b	292,066							
37b	163,549							
38b	255,615	- 9,705	- 11,588	399,392	444,571	+ 8,928	2,91	2,355
37b	255,615							
38b	241,444							
39b	297,059	- 0,960	- 20,773	398,432	423,798	+ 11,313	2,36	2,86
38b	297,059							
39b	195,625s							
40b	292,684s	- 2,748	- 23,806	395,684	399,992	+ 13,341	2,64	2,31
38b	297,059							
39b	197,046							
40b	294,155	- 2,273	- 24,688	396,154	399,110	+ 13,412	2,69	2,37
38b	297,059							
39b	197,421							
40b	294,480	- 2,609	- 30,016	395,823	393,782	+ 13,645	2,685	2,21
39b	294,480							
40b	209,763							
41b	304,243	+ 1,699	- 25,453	397,522	368,329	+ 14,223	2,155	2,695
40b	304,243							
41b	197,180s							
42b	301,423s	+ 0,582	- 26,035	398,104	342,294	+ 17,661	2,61	2,67

Forts. fra side 36

36b - 37b	29,58 · 90,475	29,249	
	+ 4,409		
37b - Ib	17,53 · 101,811	17,523	Går ut!
	- 0,499		
37b - 38b	15,12 · 101,690	15,115	
	- 0,401		
38b - 39b	20,88 · 94,244	20,795	
	+ 1,885		
39b - 40b	24,08 · 93,756	23,964	Går ut!
	+ 2,358		
39b - 40b	24,91 · 93,807	24,792	
	+ 2,419		
39b - 40b	30,26 · 94,086	30,130	
	+ 2,807		
40b - 41b	25,51 · 99,906	25,510	
	+ 0,038		
41b - 42b	26,26 · 91,783	26,042	Innfort hovedprotokoll
	+ 3,378		

St	Azimuth	Δ x	Δ Y	X	Y	H	I	S
34x	293. 013							
35x	321, 266			325.347	452,873			
33f	14, 279	+ 24.288	+ 5,541	349. 635	458, 414	- 7,140	2,83	2,16
33c	220, 444							
33f	271, 432							
34f	291, 876	- 3,323	- 25,901	346, 312	432, 513	- 5,313	1,92	2,56
34x	293, 013							
35x	203, 402							
36x	296, 415	- 1,424	- 25,267	323, 923	427, 606	- 8,820	2,64	3,34
35x	296. 415							
36x	195. 173							
37x	291, 588	- 3, 373	- 25, 376	320, 550	402, 230	- 7,663	3,27	2,81

Sør i vest, nr. 8

Forts. fra s. 35

35x - 33f 25,25 · 89,572

24,912

+ 4,118

33f - 34f 26,14 · 97,122

26,113

+ 1,182

Nr. 6

35x - 36x 25,33 · 97,315

25,307

+ 1,068

36x - 37x 25,65 · 95,984

25,599

+ 1,617

Innført hovedprotokoll 1987

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St	Azimuth	Δx	Δy	X	Y	H	I	S
B2	372,374							
B1	198,161			527,300	123,320	28,23		
				925.	42.			
Hp1	370,535	+23,355	-11,654	550,655	111,661		1,83	
						25,939		
								1,715
B1	370,535							
Hp1	164,759							
Hp2	335,293	+13,287	-21,461	563,942	90,205	26,361		
Hp1	335,293							
Hp2	109,141							
Hp3	244,434	-21,458	-18,000	542,484	72,205	33,457		
Hp2	244,434							
Hp3	218,790							
Hp4	263,224	-7,272	-11,156	535,212	61,049	33,756		
Hp3	263,224							
Hp4	131,287							
1	194,511	-21,424	+1,852	513,788	62,901	36,661		2,42
Hp4	194,511							
1	215,912							
2	210,422	-10,995	-1,816	502,793	61,085	36,905	2,425	2,795
1	210,422							
2	189,100							
3	199,522	-27,204	+0,204	475,589	61,289	37,176	2,645	2,775
2	199,522							
3	201,229							
4	200,751	-24,998	-0,295	450,591	60,994	36,992	2,775	2,73

Måling fra Bilstoll til Calon,

B1 - Hp1	26,105 · 101,129	26,101	26,100
	- 0,463		
Hp1 - B1	26,105 · 98,599	26,099	
	+ 0,574		
Hp1 - Hp2	25,25 · 98,932	25,246	25,241
	+ 0,424		
Hp2 - Hp1	25,24 · 101,056	25,237	
	- 0,419		
Hp2 - Hp3	28,895 · 84,199	28,010	28,008
	+ 7,098		
Hp3 - Hp2	28,89 · 115,794	28,005	
	- 7,094		
Hp3 - Hp4	13,32 · 98,564	13,317	13,317
	+ 0,300		
Hp4 - Hp3	13,32 · 101,427	13,317	
	- 0,299		
Hp4 - 1	21,51 · 98,559	21,504	21,505
	+ 0,487		
1 - Hp4	21,51 · 101,430	21,505	
	- 0,483		
1 - 2	11,145 · 100,720	11,144	
	- 0,126		
2 - 3	27,205 · 99,670	27,205	
	+ 0,141		
3 - 4	25,00 · ~~99,453~~ 100,354	25,00	
	- 0,139		

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St	Azimuth	Δ X	Δ Y	X	Y	H	I	S
3	200,751							
4	201,827							
5				925.	42			
5	202,578	-27,257	-1,104	423,334	59,890	+37,456	2,64	2,87
4	202,578							
5	195,661							
6	198,239	-27,538	+0,762	395,796	60,652	+37,287	2,545	2,0 2,7
5	198,239							
6	236,392							
7	234,631	-20,353	-12,310	375,443	48,342	+40,629	2,125	2,65
6	234,631							
7	251,024							
8	285,655	-7,087	-30,918	368,356	17,424	+40,901	2,55	2,75
7	285,655							
8	215,837							
9	301,486	+0,657	-28,126	369,013	41. 989,298	+41,661	2,605	2,74
8	301,486							
9	199,795							
10	301,281	+0,417	-20,720	369,430	968,578	+42,529	2,895	1,87
9	301,281							
10	196,364							
11	297,645	-0,893	-24,112	368,537	944,466	+45,595	1,88	2,73
10	297,645							
11	202,231							
BL1	299,876	-0,044	-22,371	368,493	922,095	+43,662	2,215	1,59
11	299,876							
BL1	191,080							
BL2	290,956	-3,759	-26,285	364,734	895,810	+45,236	1,710 1,595	

Callon

4 - 5	27,28 · 99,453 + 0,234	27,279
5 - 6	27,55 · 99,317 + 0,296	27,548
6 - 7	23,96 · 92,323 + 2,882	23,786
7 - 8	31,72 · 99,849 + 0,072	31,720
8 - 9	28,14 · 98,700 + 0,575	28,134
9 - 10	20,81 · 94,215 + 1,888	20,724
10 - 11	24,23 · 94,183 + 2,211	24,129
11 - BL1	22,45 · 94,672 + 1,877	22,371
BL1 - BL2	26,60 · 96,144 + 1,589	26,552

Forts. side 51.

Forts. side 48

48

St	Azimuth	Δx	Δy	X	Y	H	i	s
BL 1	290,456				41.			
BL 2	223,389			364,734	895,810	+ 45,236		
BL 3	314,345	+ 5,423	- 23,659	370,157	872,151	~~+ 46,856~~ + 48,200	1,62	
BL 2	314,345							
BL 3	178,526							
BL 4	292,871	- 2,653	- 23,591	367,504	848,560	+ 48,252		
BL 3	292,871							
BL 4	196,580							
BL 5	289,451	- 4,159	- 24,870	363,345	823,690	+ 49,125		
BL 4	289,451							
BL 5	200,110							
BL 6	289,562	- 3,876	- 23,426	359,469	800,264	+ 49,974		
BL 5	289,562							
BL 6	215,298							
BL 7	304,811	+ 2,702	- 35,687	362,171	764,577	+ 52,522		
BL 6	304,811							
BL 7	187,338							
12	292,149	- 2,558	- 20,639	359,613	743,938	+ 54,201	1,315	
BL 7	292,149							
12	200,150							
13	292,300	- 2,716	- 22,345	356,897	721,593	+ 56,882		3,0

Callon til Oskar

BL2-BL3	24,31 · 96,479	
	+ 1,344	24,273
BL3-BL4	23,74 · 99,861	
	+ 0,052	23,740
BL4-BL5	25,23 · 97,797	
	+ 0,873	25,215
BL5-BL6	23,76 · 97,726	
	+ 0,849	23,745
BL6-BL7	35,88 · 95,476	
	+ 2,548	35,789
BL7-12	20,80 · 98,885	
	+ 0,364	20,797
12-13	22,53 · 97,270	
	+ 0,966	22,509

49

St	Azimuth	Δx	Δy	X	Y	H	I	S
6	234,631				42,000			
7	250,453			375,443	48,342	+40,629		
1	285,084	-2,137	-8,955	373,306	39,387	+40,586	2,575	2,73
7	285,084							
1	284,781							
2	369,865	+17,804	-9,119	391,110	30,268	+39,698	2,675	2,61

Callon

R-1 $\frac{9,21 \cdot 101,715}{-\ 0,248}$ = 9,207

1-2 $\frac{20,02 \cdot 102,618}{-\ 0,823}$ = 20,003

50

St	Azimuth	ΔX	ΔY	X	Y	H	I	S
31	294, 219			372, 997	41, 483, 434	-3, 508		
32	255, 426							
32I	349, 645	+ 6, 385	- 6, 456	377, 485	456, 313	- 0, 034	2, 755	2, 14
32	349, 645							
32I	159, 273							
33I	308, 918	+ 2, 421	- 17, 168	379, 906	439, 145	+ 2, 363	2, 20	2, 375
32I	308, 918							
33I	178, 391							
34I	287, 309	- 4, 331	- 21, 682	375, 525	417, 463	+ 3, 403	2, 43	2, 23
33	304, 500							
34	334, 614			369, 258	413. 151	+ 1, 258		
34I	39, 115	+ 6. 209	+ 4, 380	375, 467	417, 531	+ 3, 400		2, 30

L. 3 vest. Stoll nr. 3.

32 - 32i 10,11 · 71,010 = 9,080
+ 4,444

2F - 33i 17,48 · 91,886 = 17,338
+ 2,222

3i - 34i 22,155 · 96,456 = 22,120
+ 1,240

BL 34 - 34i 7,6 · 101,322 = 7,598
- 0,158

Slagfe nord for hoveldrag ikke innført i hovedprotokoll 5/1 - 88 BB

Kontroll mot hovedrag.

51

St	Azimuth	Δx	Δy	X	Y	H	i	s
10	297,645			368,537	994,466	+45,595		
11	332,113							
11a	29,758	+19,854	+10,021	388,391	954,487	+45,952	2,215	2,69
11	29,758							
11a	178,490							
8L	08,248	+9,637	+1,256	398,028	955,743	+43,860	2,57	
11	29,758							
11a	180,145							
12a	9,903	+8,361	+1,311	396,752	955,798	+46,823	2,59	3,10
11a	9,903							
12a	281,763							
13a	91,667	+3,513	+26,686	400,265	982,484	+47,389	2,92	2,63
11a	9,903							
12a	76,761							
13v	286,665	-6,635	-31,209	390,117	924,589	+49,497	2,92	3,74
12a	286,665							
13v	189,476							
14	256,141	-7,069	-8,584	383,048	916,005	+48,812	3,655	
13v	256,141							
14	118,034							
11b	174,175	-14,560	+6,253	368,488	922,258	+47,045		1,92

Callon

11 - 11a	22,24 · 100,338	22,240	
	- 0,118		
11a - BL	9,73 · 96,864	9,718	
	+ 0,478		
11a - 12a	8,47 · 97,327	8,463	
	+ 0,356		
12a - 13a	26,93 · 97,989	26,917	Start drag østover.
	- 0,851		
12a - 13v	31,96 · 96,308	31,906	Vestover
	+ 1,852		
13v - 14	11,51 · 83,384	11,120	Ikke fastmerke
	+ 2,970		
14 - 11b	16,27 · 114,574	15,846	
	- 3,692		

St	Azimuth	ΔX	ΔY	X	Y	H	i	s
34	321, 526							
35	171, 743 s							
36	293, 269 s	- 2, 751	- 25, 923	375, 073	362. 867	+ 8, 146	2,60	2,025
35	293. 269 s							
36	195, 998							
37	289, 267 s	- 4. 321	- 25, 387	370, 752	337, 480	+ 13, 724	1, 96	2, 945
35	293. 269 s							
36	148, 653							
37 s	241, 922 s	- 17, 500	- 13, 540	357, 573	349, 327	+ 9, 704	1, 96	3, 14
36	289, 267 s							
37	217, 578							
38	306, 845 s	+ 2, 433	- 22, 541	373, 185	314. 939	+ 14, 622	2, 855	1, 865

L III mot nr. 3

Forts fra s. 41

35-36 26,17 · 94,380 = 26,068
+ 2,308

36-37 26,15 · 88,884 = 25,752
+ 4,543

36-37s 22,13 · 98,913 = 22,127
+ 0,378

37-38 22,75 · 44,711 = 22,672
+ 1,888

Sorstuff nr. 3.

Innført hovedprotokoll.

53

St.	Azimuth	Δ x	Δ y	X	Y	H	I	S
30 z	114, 318							
29 z	169, 375			474, 131	44 114, 990			
1328	83, 693	+ 5, 020	+ 19, 166	479, 151	134, 156	- 32, 161	2, 87	
1321		+ 3, 9	+ 19, 2	478, 0	134, 2	- 32, 6		
30 z	114, 318							
29 z	179, 430							
1322	93, 748	+ 1, 786	+ 18, 133	475, 917	133, 123	- 32, 630	2, 87	
30 z	114, 318							
29 z	186, 030							
1323	100, 348	- 0, 097	+ 17, 674	474, 034	132, 664	- 32, 259	2, 87	
30 z	114, 318							
29 z	191, 450							
1324	105, 768	- 1, 648	+ 18, 142	472, 483	133, 132	- 32, 650	2, 87	
30 z	114, 318							
29 z	200, 830	- 1	+ 1					
1325	115, 148	- 4, 666	+ 19, 239	468, 565	134, 229	- 32, 266	2, 87	
1		- 1, 8	-					
1326	115, 148	- 4, 117	+ 16, 975	468, 814	131, 965	- 28, 497	2, 87	+ 2, 0
30 z	114, 318							
29 z	200, 140							
1327	114, 458	- 3, 586	+ 15, 517	470, 545	130, 507	- 27, 858	2, 87	

ÅKP rist		Anm
		Innmåling av borhull
		Utgangspkt. plugg 29z - 30z
29z-1323 20,0 · 108,732		
- 2,735	19,812	
29z-1322 18,5 · 111,08		
- 3,204	18,221	
29z-1323 17,9 · 110,12		
- 2,833	17,674	
29z-1324 18,5 · 111,15		
- 3,224	18,217	
29z-1325 20,0 · 109,07		
- 2,840	19,797	
29z-1326 17,5 · 103,90		
- 1,071	17,467	
29z-1327 16 · 93,75		
+ 1,568	15,923	

· 1326
12
· 1,2
· 10 · 1325

54

St	Azimuth	Δ X	Δ Y	X	Y	H	I	D
38y	97,294			394,795				
38y	168,043			~~401,283~~	41769,953	-19,392		
34y	65,337	+11,169	+18,445	405,964	788,398	-17,930	2,05	2,965

L III vest nordøst

33y - 34y 21,57 · 98 385

21,563

+ 0, 547

Anm.

Forts. fra s. 38

Infort hovedprotokoll.

55

St	Azimuth	Δx	Δy	X	Y	H	I	S
32y	106, 636			393. 790	746, 322	-17,891		
31y	106, 636							
32y	233 874							
33s	140, 510	- 13, 591	+ 18, 395	380, 199	764, 717	- 20. 667	2, 48	2, 205
32y	140, 510							
33s	146, 615,							
34s	87, 125,	+ 5, 311	+ 25, 903	385, 510	790. 620	- 21, 821	1, 915	2, 365
33s	87, 125.							
34s	197, 024,							
35o	84, 150	+ 6, 791	+ 26, 711	392, 301	817, 331	- 22, 602	2, 275	2, 22

L II vest nordost

Anm.

Forts. fra s. 38

32y-33s 23 01 · 106,990

22,871

- 2,521

33s-34s 26,49 · 103 858

26,441

- 1,604

34s-35s 27,57 · 101,678

27,560

- 0,726

Innført kørdprotkoll · 87

H + 1,3 I 1,5 + 1,3
S 2,5 − 1,5
Δn − 0,3
+ 2,5