

AKZO ZOUT CHEMIE NEDERLAND B.V.
LOKATIE DELFZIJL

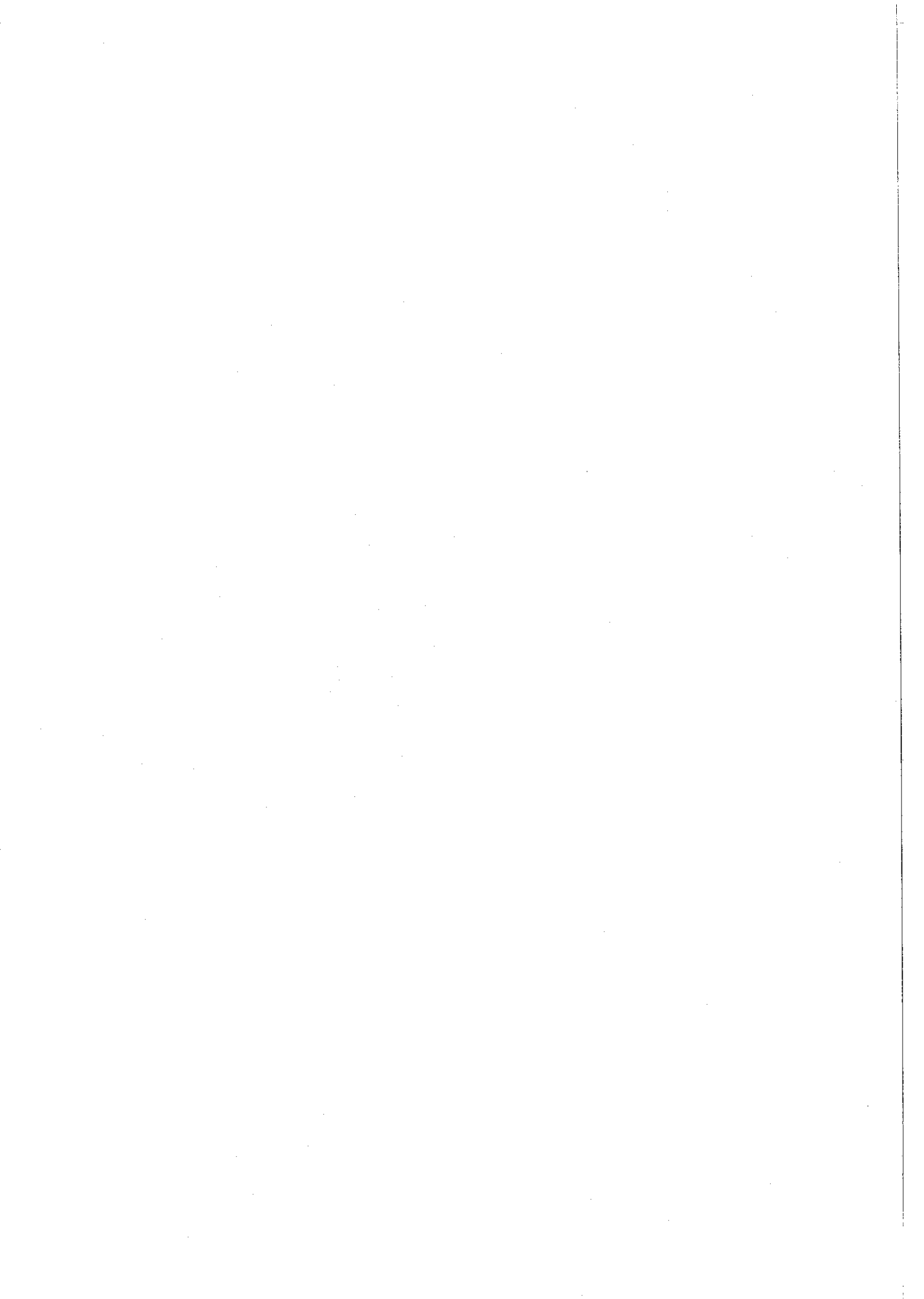


NAUWKEURIGHEIDSWATERPASSING

Tranendallaan
september 1984

ARCHIEFDOCUMENT.

12353 / M /



Verslag van de hoogtemeting aan de Tranendallaan in september 1984

In augustus 1984 zijn in de gebouwen aan de Tranendallaan huisnummers 2, 3, 5, 6, 8 en 10. Tweeëntwintig hoogtemerken (bouten) en op het terrein rond boring A twee betonnen palen met hoogtemerken geplaatst.

De bouten in de gebouwen zijn voorzien van een verticale kerf, ten behoeve van lengtemetingen tussen de punten van dezelfde gevel.

De hoogtemerken zijn in september gelijktijdig met de nauwkeurigheidswaterpassing van het waterpasnet van de concessie Adolf van Nassau gewaterpast.

De meting is direct aangesloten aan dit net; de punten 1169 en 1151 nemen deel in deze waterpassing, ze vormen een sectie van traject 31. Na de vereffening van het net zijn de hoogtes van de bouten in deze sectie berekend.

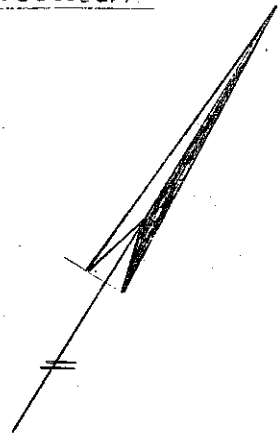
De hoogtemerken zijn in een computermatig vervaardigde differentie-
staat verwerkt. Omdat het hier een eerste hoogtebepaling betreft
(nulmeting), zijn de nulhoogte en de actuele hoogte gelijk, de
differentie V is nul.

Heerenveen, december 1984

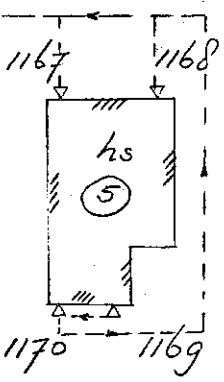
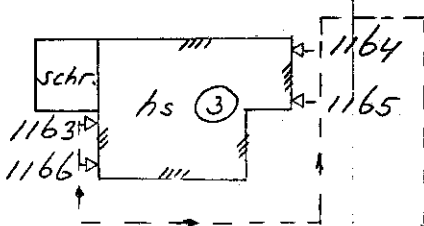
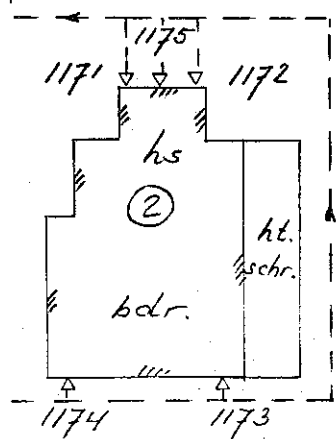
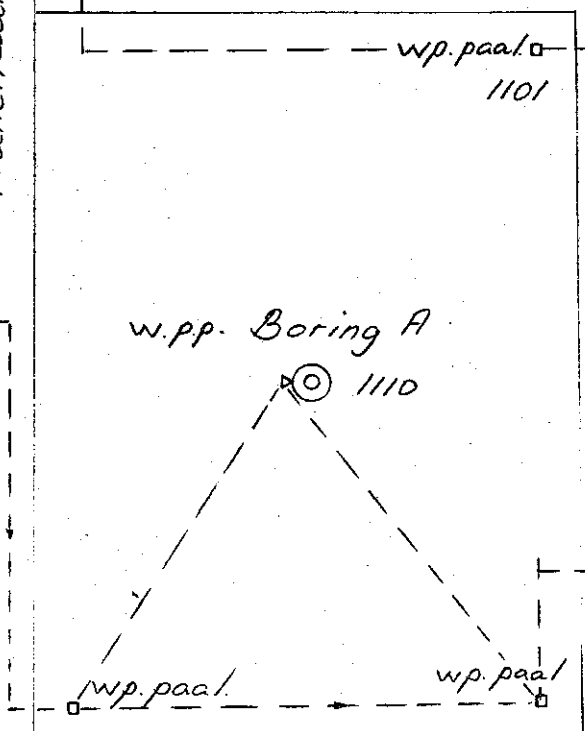
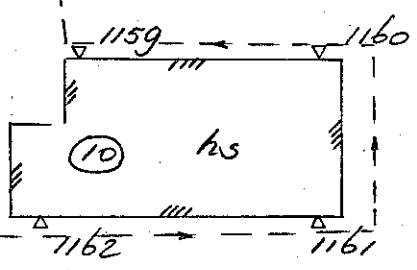
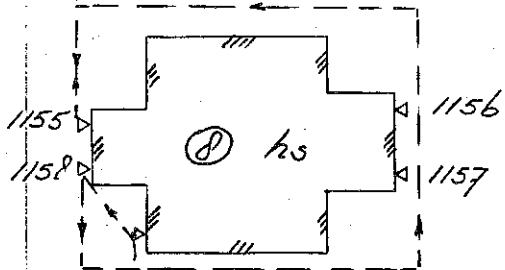
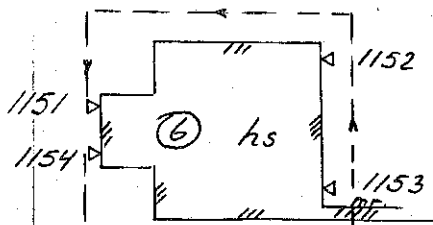
Ingenieursbureau 'Oranjewoud' B.V.

Nieuwe nummers:

Niet vernummerd:



Tranendallaan



Opgemeten, 26-7 19..84..

De

Gevelcoördinaten

| NO | WR | X (cm) | Y (cm) |
|------|----|--------|--------|
| 1150 | ZW | - 31 | + 36 |
| 1151 | ZW | + 21 | + 11 |
| 1152 | NO | - 53 | + 15 |
| 1153 | NO | + 54 | + 7 |
| 1154 | ZW | - 21 | + 15 |
| 1155 | ZW | + 23 | + 11 |
| 1156 | NO | - 10 | + 13 |
| 1157 | NO | + 12 | + 4 |
| 1158 | ZW | - 22 | + 8 |
| 1159 | NW | - 17 | + 17 |
| 1160 | NW | + 17 | + 15 |
| 1161 | ZO | - 26 | + 11 |
| 1162 | ZO | + 17 | 0 |
| 1163 | ZW | + 11 | + 14 |
| 1164 | NO | - 155 | + 21 |
| 1165 | NO | + 21 | + 19 |
| 1166 | ZW | - 16 | + 14 |
| 1167 | NW | - 154 | + 17 |
| 1168 | NW | + 90 | + 13 |
| 1169 | ZO | - 30 | + 16 |
| 1170 | ZO | + 49 | + 18 |
| 1171 | NW | - 32 | + 31 |
| 1172 | NW | + 44 | + 22 |
| 1173 | ZO | - 73 | + 39 |
| 1174 | ZO | + 43 | + 22 |
| 1175 | NW | - 277 | + 22 |

| PEILMERK | | LENGTE SECTIE L IN KM | GEMETEN HOOGTEVERSCHIL | | | CORR. | HOOGTE T.O.V. N.A.P. | V= H + T IN MM | 2,5 √L | OPM |
|--------------|------|-----------------------------|------------------------|------------|-----------------|--------|----------------------------|----------------------|--------|-----|
| TOP- BLAD | NR. | | HEEN H | TERUG T | GEMIDDEL- DE | | | | | |
| 13A | 1169 | | | | | 0.8653 | | | | |
| | | 0.01 | - 0.0183 | + 0.0183 | - 0.01830 | - 0.03 | | 0 | 0.25 | |
| | 1170 | | | | | 0.8470 | | | | |
| | | 0.03 | + 0.0162 | - 0.0161 | + 0.01615 | - 0.08 | | + 0.1 | 0.43 | |
| | 1168 | | | | | 0.8630 | | | | |
| | | 0.01 | + 0.0594 | - 0.0596 | + 0.05950 | - 0.03 | | - 0.2 | 0.25 | |
| | 1167 | | | | | 0.9225 | | | | |
| | | 0.07 | - 0.1508 | + 0.1508 | - 0.15080 | - 0.17 | | 0 | 0.66 | |
| | 1163 | | | | | 0.7715 | | | | |
| | | 0.01 | - 0.0640 | + 0.0639 | - 0.06395 | - 0.03 | | - 0.1 | 0.25 | |
| | 1166 | | | | | 0.7076 | | | | |
| | | 0.04 | - 0.0009 | + 0.0007 | - 0.00080 | - 0.10 | | - 0.2 | 0.50 | |
| | 1165 | | | | | 0.7067 | | | | |
| | | 0.02 | + 0.0134 | - 0.0134 | + 0.01340 | - 0.05 | | 0 | 0.35 | |
| | 1164 | | | | | 0.7200 | | | | |
| | | 0.05 | + 0.0195 | - 0.0196 | + 0.01955 | - 0.13 | | - 0.1 | 0.56 | |
| | 1102 | | | | | 0.7394 | | | | |
| | | 0.04 | + 0.3466 | - 0.3464 | + 0.34650 | - 0.10 | | + 0.2 | 0.50 | |
| | 1100 | | | | | 1.0858 | | | | |
| | | 0.06 | + 0.4945 | - 0.4945 | + 0.49450 | - 0.16 | | 0 | 0.61 | |
| | 1174 | | | | | 1.5802 | | | | |
| | | 0.03 | - 0.0006 | + 0.0006 | - 0.00060 | - 0.08 | | 0 | 0.43 | |
| | 1173 | | | | | 1.5795 | | | | |
| | | 0.09 | - 0.0902 | + 0.0898 | - 0.09000 | - 0.23 | | - 0.4 | 0.75 | |
| | 1172 | | | | | 1.4893 | | | | |
| | | 0.01 | - 0.1009 | + 0.1007 | - 0.10080 | - 0.03 | | - 0.2 | 0.25 | |
| | 1175 | | | | | 1.3884 | | | | |
| | | 0.01 | + 0.1207 | - 0.1206 | + 0.12065 | - 0.03 | | + 0.1 | 0.25 | |
| | 1171 | | | | | 1.5091 | | | | |
| | | 0.06 | - 0.6093 | + 0.6094 | - 0.60935 | - 0.16 | | + 0.1 | 0.61 | |
| | 1101 | | | | | 0.8995 | | | | |
| | | 0.07 | - 0.5132 | + 0.5134 | - 0.51330 | - 0.18 | | + 0.2 | 0.66 | |
| | 1162 | | | | | 0.3861 | | | | |
| | | 0.04 | - 0.0010 | + 0.0010 | - 0.00100 | - 0.10 | | 0 | 0.50 | |
| | 1161 | | | | | 0.3850 | | | | |
| | | 0.02 | + 0.1273 | - 0.1274 | + 0.12735 | - 0.05 | | - 0.1 | 0.35 | |
| | 1160 | | | | | 0.5123 | | | | |
| | | 0.02 | - 0.0001 | + 0.0001 | - 0.00010 | - 0.05 | | 0 | 0.35 | |

GEBIED Tranendallaan

| PEILMERK | | LENGTE SECTIE L IN KM | GEMETEN HOOGTEVERSCHIL | | | CORR. | HOOGTE T.O.V. N.A.P. | V= H + T IN MM | 2,5 √L | OPM |
|--------------|------|-----------------------------|------------------------|------------|-----------------|--------|----------------------------|----------------------|--------|-----|
| TOP- BLAD | NR. | | HEEN H | TERUG T | GEMIDDEL- DE | | | | | |
| 13A | 1159 | 0.01 | + 0.3229 | - 0.3229 | + 0.32290 | - 0.03 | 0.5121 | 0 | 0.25 | |
| | 1150 | 0.01 | - 0.2855 | + 0.2856 | - 0.28555 | - 0.03 | 0.8350 | + 0.1 | 0.25 | |
| | 1158 | 0.03 | - 0.1791 | + 0.1787 | - 0.17890 | - 0.08 | 0.5494 | - 0.4 | 0.43 | |
| | 1157 | 0.01 | - 0.0006 | + 0.0007 | - 0.00065 | - 0.03 | 0.3704 | + 0.1 | 0.25 | |
| | 1156 | 0.02 | + 0.1711 | - 0.1712 | + 0.17115 | - 0.05 | 0.3697 | - 0.1 | 0.35 | |
| | 1155 | 0.03 | - 0.1496 | + 0.1497 | - 0.14965 | - 0.08 | 0.5408 | + 0.1 | 0.43 | |
| | 1154 | 0.03 | + 0.0974 | - 0.0974 | + 0.09740 | - 0.08 | 0.3911 | 0 | 0.43 | |
| | 1153 | 0.01 | + 0.0394 | - 0.0395 | + 0.03945 | - 0.03 | 0.4884 | - 0.1 | 0.25 | |
| | 1152 | 0.02 | - 0.1434 | + 0.1432 | - 0.14330 | - 0.05 | 0.5279 | - 0.2 | 0.35 | |
| | 1151 | 0.86 | - 0.4791 | + 0.4780 | - 0.47855 | - 2.25 | 0.3845 | - 1.1 | | |
| | 1102 | 0.03 | + 0.8277 | - 0.9278 | + 0.82775 | - 0.05 | 0.7394 | - 0.1 | 0.43 | |
| | 1110 | 0.03 | - 0.4811 | + 0.4814 | - 0.48125 | - 0.05 | 1.5671 | + 0.3 | 0.43 | |
| | 1100 | 0.06 | + 0.3466 | - 0.3464 | + 0.34650 | - 0.10 | 1.0858 | + 0.2 | | |

| NR | BOUTNR | JAAR | B.HGTE | V | SEP84 | V | V |
|----|----------|------|--------|---|--------|---|---|
| 1 | 13A 1100 | 1984 | 1.0858 | 0 | 1.0858 | | |
| 2 | 13A 1101 | 1984 | 0.8995 | 0 | 0.8995 | | |
| 3 | 13A 1102 | 1984 | 0.7394 | 0 | 0.7394 | | |
| 4 | 13A 1110 | 1984 | 1.5671 | 0 | 1.5671 | | |
| 5 | 13A 1150 | 1984 | 0.8350 | 0 | 0.8350 | | |
| 6 | 13A 1151 | 1984 | 0.3845 | 0 | 0.3845 | | |
| 7 | 13A 1152 | 1984 | 0.5279 | 0 | 0.5279 | | |
| 8 | 13A 1153 | 1984 | 0.4884 | 0 | 0.4884 | | |
| 9 | 13A 1154 | 1984 | 0.3911 | 0 | 0.3911 | | |
| 10 | 13A 1155 | 1984 | 0.5408 | 0 | 0.5408 | | |
| 11 | 13A 1156 | 1984 | 0.3697 | 0 | 0.3697 | | |
| 12 | 13A 1157 | 1984 | 0.3704 | 0 | 0.3704 | | |
| 13 | 13A 1158 | 1984 | 0.5494 | 0 | 0.5494 | | |
| 14 | 13A 1159 | 1984 | 0.5121 | 0 | 0.5121 | | |
| 15 | 13A 1160 | 1984 | 0.5123 | 0 | 0.5123 | | |
| 16 | 13A 1161 | 1984 | 0.3850 | 0 | 0.3850 | | |
| 17 | 13A 1162 | 1984 | 0.3861 | 0 | 0.3861 | | |
| 18 | 13A 1163 | 1984 | 0.7715 | 0 | 0.7715 | | |
| 19 | 13A 1164 | 1984 | 0.7200 | 0 | 0.7200 | | |
| 20 | 13A 1165 | 1984 | 0.7067 | 0 | 0.7067 | | |

| NR | BOUTNR | JAAR | B.HGTE | V | SEP84 | V | V |
|----|----------|------|--------|---|--------|---|---|
| 1 | 13A 1166 | 1984 | 0.7076 | 0 | 0.7076 | | |
| 2 | 13A 1167 | 1984 | 0.9225 | 0 | 0.9225 | | |
| 3 | 13A 1168 | 1984 | 0.8630 | 0 | 0.8630 | | |
| 4 | 13A 1169 | 1984 | 0.8653 | 0 | 0.8653 | | |
| 5 | 13A 1170 | 1984 | 0.8470 | 0 | 0.8470 | | |
| 6 | 13A 1171 | 1984 | 1.5091 | 0 | 1.5091 | | |
| 7 | 13A 1172 | 1984 | 1.4893 | 0 | 1.4893 | | |
| 8 | 13A 1173 | 1984 | 1.5795 | 0 | 1.5795 | | |
| 9 | 13A 1174 | 1984 | 1.5802 | 0 | 1.5802 | | |