

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Locarno, Switzerland Turnpoints

Contest: Nationals, 1999

Courtesy of Andrea Schlapbach (a . schlapbach@switzerland . org)

Dated: 25 August, 1999

Time zone: MET, summer offset from GMT is 2:00 and in winter it is 1:00.

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 User assumes all risk of use.

| Number | Name | Latitude ° , ' " | Longitude ° , ' " | Latitude ° , ' " | Longitude ° , ' " | Elevation Meters | Codes* | Distance Km | Bearing | Comment |
|--------|--------------------|---------------------|----------------------|---------------------|----------------------|---------------------|--------|----------------|---------|--------------|
| 1 | ZL 08 Pisten | 46 12 30 N | 8 52 50 E | 46 12.500 N | 8 52.833 E | 198 | T | 0.6 | 270 | 080 Grad Anf |
| 2 | ZL 26 Pisten | 46 12 30 N | 8 52 50 E | 46 12.500 N | 8 52.833 E | 198 | T | 0.6 | 270 | 260 Grad Anf |
| 3 | Ap1 Locarno | 46 12 30 N | 8 53 20 E | 46 12.500 N | 8 53.333 E | 1700 | THSF | | | Monti Di Dit |
| 4 | Ap2 Locarno | 46 07 15 N | 8 57 00 E | 46 07.250 N | 8 57.000 E | 1400 | T | 11 | 154 | Medeglia |
| 5 | Ap3 Locarno | 46 12 00 N | 8 47 00 E | 46 12.000 N | 8 47.000 E | 1600 | T | 8.2 | 264 | Cimetta |
| 6 | Ap4 Locarno | 46 15 00 N | 9 04 00 E | 46 15.000 N | 9 04.000 E | 1600 | T | 14 | 71 | Claro |
| 7 | Andermatt | 46 37 42 N | 8 35 07 E | 46 37.700 N | 8 35.117 E | 1450 | T | 52 | 334 | AIf |
| 8 | Ascona/Delta | 46 09 26 N | 8 47 15 E | 46 09.433 N | 8 47.250 E | 200 | T | 9.7 | 234 | AIf |
| 9 | Bormio | 46 27 28 N | 10 21 31 E | 46 27.467 N | 10 21.517 E | 1150 | T | 116 | 76 | AIf |
| 10 | Cassacia | 46 23 18 N | 9 39 52 E | 46 23.300 N | 9 39.867 E | 1450 | T | 63 | 71 | AIf |
| 11 | Chiasso | 45 50 16 N | 9 00 11 E | 45 50.267 N | 9 00.183 E | 250 | T | 42 | 168 | AIf |
| 12 | Clusone Camp | 45 53 01 N | 9 59 13 E | 45 53.017 N | 9 59.217 E | 630 | T | 92 | 113 | AIf |
| 13 | Colico Piana | 46 09 48 N | 9 25 02 E | 46 09.800 N | 9 25.033 E | 203 | T | 41 | 97 | AIf |
| 14 | Dobiasco | 46 43 25 N | 12 13 15 E | 46 43.417 N | 12 13.250 E | 1240 | T | 262 | 76 | AIf |
| 15 | Gattinara FL | 45 36 52 N | 8 19 57 E | 45 36.867 N | 8 19.950 E | 281 | T | 79 | 213 | AIf |

| Number | Name | Latitude ° , ' " | Longitude ° , ' " | Latitude ° , ' " | Longitude ° , ' " | Elevation Meters | Codes* | Distance Km | Bearing | Comment |
|--------|--------------|---------------------|----------------------|---------------------|----------------------|---------------------|--------|----------------|---------|------------|
| 16 | Gravellona/F | 45 56 34 N | 8 29 33 E | 45 56.567 N | 8 29.550 E | 200 | T | 43 | 226 | AIF |
| 17 | Ischgl A | 47 00 38 N | 10 17 11 E | 47 00.633 N | 10 17.183 E | 1359 | T | 139 | 50 | AIF |
| 18 | Ivrea Montal | 45 29 10 N | 7 51 48 E | 45 29.167 N | 7 51.800 E | 246 | T | 113 | 225 | AIF |
| 19 | La Poncia SW | 45 47 47 N | 9 19 11 E | 45 47.783 N | 9 19.183 E | 225 | T | 57 | 144 | AIF |
| 20 | Le Prese | 46 17 49 N | 10 04 35 E | 46 17.817 N | 10 04.583 E | 970 | T | 92 | 83 | AIF |
| 21 | Lecco Kong - | 45 46 00 N | 9 26 30 E | 45 46.000 N | 9 26.500 E | 200 | T | 65 | 139 | AIF |
| 22 | Lovere | 45 49 00 N | 10 04 39 E | 45 49.000 N | 10 04.650 E | 187 | T | 102 | 115 | AIF |
| 23 | Luino | 45 59 11 N | 8 44 34 E | 45 59.183 N | 8 44.567 E | 250 | T | 27 | 205 | AIF |
| 24 | Landeort Mas | 45 54 11 N | 8 44 30 E | 45 54.183 N | 8 44.500 E | 250 | T | 36 | 199 | AIF |
| 25 | Male | 46 21 20 N | 10 54 55 E | 46 21.333 N | 10 54.917 E | 738 | T | 157 | 83 | AIF |
| 26 | Porlezza | 46 01 58 N | 9 07 35 E | 46 01.967 N | 9 07.583 E | 275 | T | 27 | 137 | AIF |
| 27 | Rocchetta So | 46 14 00 N | 11 03 00 E | 46 14.000 N | 11 03.000 E | 185 | T | 166 | 88 | AIF |
| 28 | Somaggia S C | 46 14 00 N | 9 26 00 E | 46 14.000 N | 9 26.000 E | 210 | T | 42 | 86 | AIF |
| 29 | Tonale | 46 15 30 N | 10 35 10 E | 46 15.500 N | 10 35.167 E | 1883 | T | 131 | 87 | AIF |
| 30 | Vezza D-Ogli | 46 14 15 N | 10 24 30 E | 46 14.250 N | 10 24.500 E | 1040 | T | 117 | 88 | AIF |
| 31 | Zernez | 46 41 32 N | 10 05 34 E | 46 41.533 N | 10 05.567 E | 1473 | T | 107 | 59 | AIF |
| 32 | Alzate | 45 46 00 N | 9 09 40 E | 45 46.000 N | 9 09.667 E | 384 | TA | 53 | 157 | Flugplatz |
| 33 | Ambri | 46 30 47 N | 8 41 22 E | 46 30.783 N | 8 41.367 E | 988 | TA | 37 | 336 | Flugplatz |
| 34 | Aosta | 45 44 23 N | 7 21 22 E | 45 44.383 N | 7 21.367 E | 583 | TA | 130 | 247 | Flugplatz |
| 35 | Caiolo | 46 09 01 N | 9 47 09 E | 46 09.017 N | 9 47.150 E | 275 | TA | 69 | 95 | Flugplatz |
| 36 | Calcinat De | 45 48 33 N | 8 46 06 E | 45 48.550 N | 8 46.100 E | 242 | TA | 45 | 192 | Flugplatz |
| 37 | Cortina D-AM | 46 34 30 N | 12 07 00 E | 46 34.500 N | 12 07.000 E | 1291 | TA | 251 | 79 | Flugplatz |
| 38 | Lienz A | 46 47 54 N | 12 53 10 E | 46 47.900 N | 12 53.167 E | 636 | TA | 313 | 76 | Flugplatz |
| 39 | Lodrino | 46 17 37 N | 8 59 35 E | 46 17.617 N | 8 59.583 E | 270 | TA | 12 | 40 | Flugplatz |
| 40 | Masera | 46 08 08 N | 8 18 24 E | 46 08.133 N | 8 18.400 E | 295 | TA | 46 | 260 | Flugplatz |
| 41 | Münster | 46 28 48 N | 8 15 48 E | 46 28.800 N | 8 15.800 E | 1321 | TA | 57 | 302 | Flugplatz |
| 42 | Saanen | 46 29 15 N | 7 14 58 E | 46 29.250 N | 7 14.967 E | 1008 | TA | 130 | 284 | Flugplatz |
| 43 | San Vittore | 46 14 00 N | 9 05 40 E | 46 14.000 N | 9 05.667 E | 275 | TA | 16 | 80 | Flugplatz |
| 44 | Sollere | 45 15 00 N | 6 48 00 E | 45 15.000 N | 6 48.000 E | 1300 | TA | 194 | 237 | Flugplatz |
| 45 | Torino Air I | 45 05 00 N | 7 36 00 E | 45 05.000 N | 7 36.000 E | 290 | TA | 160 | 219 | Flugplatz |
| 46 | Ulrichen | 46 30 17 N | 8 18 08 E | 46 30.283 N | 8 18.133 E | 1346 | TA | 56 | 306 | Flugplatz |
| 47 | Valbrengo | 45 43 02 N | 9 35 38 E | 45 43.033 N | 9 35.633 E | 230 | TA | 77 | 135 | Flugplatz |
| 48 | Aachensee | 47 25 33 N | 11 44 07 E | 47 25.550 N | 11 44.117 E | 931 | T | 256 | 57 | Suedspitze |
| 49 | Antronapiana | 46 03 45 N | 8 06 56 E | 46 03.750 N | 8 06.933 E | 908 | T | 62 | 255 | Dorf |
| 50 | Aprica Pass | 46 09 30 N | 10 10 00 E | 46 09.500 N | 10 10.000 E | 1000 | T | 99 | 93 | Dorf |

| Number | Name | Latitude ° , ' " | Longitude ° , ' " | Latitude ° , ' " | Longitude ° , ' " | Elevation Meters | Codes* | Distance Km | Bearing | Comment |
|--------|---------------|---------------------|----------------------|---------------------|----------------------|---------------------|--------|----------------|---------|-------------|
| 51 | Balangero | 45 17 24 N | 7 30 19 E | 45 17.400 N | 7 30.317 E | 500 | T | 148 | 227 | See |
| 52 | Berninapass | 46 24 40 N | 10 01 20 E | 46 24.667 N | 10 01.333 E | 2307 | T | 90 | 75 | Pass |
| 53 | Biasca | 46 22 00 N | 8 58 00 E | 46 22.000 N | 8 58.000 E | 301 | T | 19 | 19 | Dorf |
| 54 | Bielerohe | 46 55 05 N | 10 05 36 E | 46 55.083 N | 10 05.600 E | 2036 | T | 121 | 49 | Hospiz |
| 55 | Binn | 46 21 49 N | 8 11 01 E | 46 21.817 N | 8 11.017 E | 1401 | T | 57 | 288 | Kirche |
| 56 | Bivio | 46 28 05 N | 9 39 02 E | 46 28.083 N | 9 39.033 E | 1769 | T | 65 | 63 | Kirche |
| 57 | Bosco Gurin | 46 19 08 N | 8 29 32 E | 46 19.133 N | 8 29.533 E | 1503 | T | 33 | 292 | Dorf |
| 58 | Cama | 46 16 23 N | 9 10 17 E | 46 16.383 N | 9 10.283 E | 344 | T | 23 | 72 | Dorf |
| 59 | Campo Dei Fi | 45 52 09 N | 8 45 48 E | 45 52.150 N | 8 45.800 E | 1226 | T | 39 | 194 | Antenne |
| 60 | Chamonix | 45 54 03 N | 6 51 39 E | 45 54.050 N | 6 51.650 E | 1370 | T | 160 | 258 | Tunnel Nord |
| 61 | Chiavenna | 46 19 11 N | 9 24 20 E | 46 19.183 N | 9 24.333 E | 333 | T | 42 | 72 | Bahnhof |
| 62 | Col Du Mont | 45 15 00 N | 6 55 00 E | 45 15.000 N | 6 55.000 E | 2083 | T | 187 | 236 | Pass |
| 63 | Crap Sogn Gi | 46 50 08 N | 9 12 59 E | 46 50.133 N | 9 12.983 E | 2213 | T | 74 | 20 | Bergstation |
| 64 | Davos | 46 47 54 N | 9 49 36 E | 46 47.900 N | 9 49.600 E | 1538 | T | 97 | 47 | Eisstadion |
| 65 | Diavolezza | 46 24 44 N | 9 57 57 E | 46 24.733 N | 9 57.950 E | 2973 | T | 86 | 74 | Bergstation |
| 66 | Disentis | 46 42 24 N | 8 51 21 E | 46 42.400 N | 8 51.350 E | 1142 | T | 56 | 357 | Kloster |
| 67 | Edofo | 46 10 39 N | 10 20 03 E | 46 10.650 N | 10 20.050 E | 670 | T | 111 | 91 | Bahnhof |
| 68 | Faido | 46 28 51 N | 8 47 56 E | 46 28.850 N | 8 47.933 E | 711 | T | 31 | 347 | Dorf |
| 69 | Fluela Pass | 46 45 01 N | 9 56 51 E | 46 45.017 N | 9 56.850 E | 2383 | T | 101 | 53 | Passhoeh |
| 70 | Furka | 46 34 22 N | 8 24 55 E | 46 34.367 N | 8 24.917 E | 2429 | T | 54 | 318 | Passhoeh |
| 71 | Fusio | 46 26 42 N | 8 39 47 E | 46 26.700 N | 8 39.783 E | 1289 | T | 32 | 327 | Dorf |
| 72 | Gondo | 46 11 50 N | 8 08 31 E | 46 11.833 N | 8 08.517 E | 855 | T | 58 | 269 | Zoll |
| 73 | Goppenstein | 46 22 08 N | 7 45 19 E | 46 22.133 N | 7 45.317 E | 1217 | T | 89 | 282 | Bahnhof |
| 74 | Graechen | 46 11 50 N | 7 50 22 E | 46 11.833 N | 7 50.367 E | 1615 | T | 81 | 270 | Kirche |
| 75 | Gressoney ST | 45 46 47 N | 7 49 32 E | 45 46.783 N | 7 49.533 E | 1385 | T | 95 | 240 | Dorf |
| 76 | Intragna | 46 10 46 N | 8 42 04 E | 46 10.767 N | 8 42.067 E | 339 | T | 15 | 258 | Kirche |
| 77 | Jakobshorn | 46 46 20 N | 9 50 54 E | 46 46.333 N | 9 50.900 E | 2590 | T | 97 | 49 | Bergstation |
| 78 | Juf | 46 26 41 N | 9 34 48 E | 46 26.683 N | 9 34.800 E | 2117 | T | 59 | 63 | Dorf |
| 79 | Julierpass | 46 28 20 N | 9 43 41 E | 46 28.333 N | 9 43.683 E | 2284 | T | 71 | 65 | Passhoeh |
| 80 | Klosters Pla | 46 52 12 N | 9 52 50 E | 46 52.200 N | 9 52.833 E | 1191 | T | 106 | 46 | Bahnhof |
| 81 | Kloster St. M | 46 15 24 N | 9 02 14 E | 46 15.400 N | 9 02.233 E | 621 | T | 13 | 65 | Kloster |
| 82 | La Thuille | 45 43 00 N | 6 58 00 E | 45 43.000 N | 6 58.000 E | 1400 | T | 158 | 250 | Dorf |
| 83 | Landeck | 47 08 50 N | 10 34 20 E | 47 08.833 N | 10 34.333 E | 816 | T | 166 | 50 | Bahnhof |
| 84 | Leukerbad | 46 22 53 N | 7 37 50 E | 46 22.883 N | 7 37.833 E | 1402 | T | 99 | 282 | Dorf |
| 85 | Madonna Di T | 46 13 05 N | 10 09 20 E | 46 13.083 N | 10 09.333 E | 438 | T | 98 | 89 | Dom |

| Number | Name | Latitude ° , ' " | Longitude ° , ' " | Latitude ° , ' " | Longitude ° , ' " | Elevation Meters | Codes* | Distance Km | Bearing | Comment |
|--------|---------------|---------------------|----------------------|---------------------|----------------------|---------------------|--------|----------------|---------|--------------|
| 86 | Madrisa | 46 54 08 N | 9 51 51 E | 46 54.133 N | 9 51.850 E | 1887 | T | 107 | 44 | Bergstation |
| 87 | Maloja | 46 23 53 N | 9 41 42 E | 46 23.883 N | 9 41.700 E | 1803 | T | 65 | 71 | Kulm |
| 88 | Malvaglia-Ro | 46 25 02 N | 8 58 43 E | 46 25.033 N | 8 58.717 E | 389 | T | 24 | 16 | Dorf |
| 89 | Mesocco | 46 23 26 N | 9 14 03 E | 46 23.433 N | 9 14.050 E | 790 | T | 33 | 52 | Kirche |
| 90 | Monte Ceneri | 46 08 32 N | 8 54 25 E | 46 08.533 N | 8 54.417 E | 554 | T | 7.5 | 169 | Pass |
| 91 | Muestair | 46 37 47 N | 10 26 57 E | 46 37.783 N | 10 26.950 E | 1247 | T | 129 | 68 | Kloster |
| 92 | Nauders | 46 53 28 N | 10 30 09 E | 46 53.467 N | 10 30.150 E | 1360 | T | 145 | 58 | Kirche |
| 93 | Nesselwaenge | 47 29 00 N | 10 36 40 E | 47 29.000 N | 10 36.667 E | 1100 | T | 193 | 42 | Dorf |
| 94 | Nufenenpass | 46 28 38 N | 8 23 13 E | 46 28.633 N | 8 23.217 E | 2478 | T | 49 | 308 | Passhoehoe |
| 95 | Oberalp | 46 39 31 N | 8 40 17 E | 46 39.517 N | 8 40.283 E | 2044 | T | 53 | 342 | Passhoehoe |
| 96 | Ofenpass | 46 38 22 N | 10 17 33 E | 46 38.367 N | 10 17.550 E | 2149 | T | 118 | 65 | Passhoehoe |
| 97 | Olivone | 46 31 44 N | 8 56 31 E | 46 31.733 N | 8 56.517 E | 889 | T | 36 | 6 | Kirche |
| 98 | Piedimulera | 46 01 29 N | 8 15 35 E | 46 01.483 N | 8 15.583 E | 248 | T | 53 | 247 | Dorf |
| 99 | Plampinet | 45 00 09 N | 6 39 51 E | 45 00.150 N | 6 39.850 E | 1200 | T | 219 | 233 | Dorf |
| 100 | Ponte Di Leg | 46 15 30 N | 10 31 00 E | 46 15.500 N | 10 31.000 E | 1258 | T | 125 | 87 | Kirche |
| 101 | Pordoj Joch | 46 29 24 N | 11 48 54 E | 46 29.400 N | 11 48.900 E | 2240 | T | 227 | 81 | Passhoehoe |
| 102 | Re Santuario | 46 07 52 N | 8 32 47 E | 46 07.867 N | 8 32.783 E | 710 | T | 28 | 252 | Kirche |
| 103 | Riederalp | 46 22 34 N | 8 01 34 E | 46 22.567 N | 8 01.567 E | 1925 | T | 69 | 286 | Seilbahn Ber |
| 104 | Ritom | 46 32 04 N | 8 40 42 E | 46 32.067 N | 8 40.700 E | 1850 | T | 40 | 336 | Staumauer |
| 105 | Roncola | 45 46 02 N | 9 33 38 E | 45 46.033 N | 9 33.633 E | 600 | T | 71 | 133 | Dorf |
| 106 | Samnaun | 46 56 34 N | 10 21 33 E | 46 56.567 N | 10 21.550 E | 1830 | T | 139 | 53 | Kirche |
| 107 | Schlappiner | 46 55 30 N | 9 54 29 E | 46 55.500 N | 9 54.483 E | 2202 | T | 112 | 44 | Passuebergan |
| 108 | Sedrun | 46 41 00 N | 8 46 43 E | 46 41.000 N | 8 46.717 E | 1404 | T | 54 | 351 | Dorf |
| 109 | Senale | 46 30 40 N | 11 06 20 E | 46 30.667 N | 11 06.333 E | 1200 | T | 174 | 78 | Dorf |
| 110 | Settimo | 45 33 00 N | 7 55 00 E | 45 33.000 N | 7 55.000 E | 350 | T | 105 | 226 | Bruecke |
| 111 | Soazza | 46 22 07 N | 9 13 26 E | 46 22.117 N | 9 13.433 E | 620 | T | 31 | 55 | Dorf |
| 112 | Sondalo | 46 20 10 N | 10 19 39 E | 46 20.167 N | 10 19.650 E | 1150 | T | 112 | 82 | Sanatorien |
| 113 | Spluegenpass | 46 30 43 N | 9 19 38 E | 46 30.717 N | 9 19.633 E | 2022 | T | 48 | 45 | Zollgebaeude |
| 114 | St. Carlo | 46 24 39 N | 8 31 49 E | 46 24.650 N | 8 31.817 E | 938 | T | 36 | 309 | Dorf |
| 115 | Sta. Maria Gr | 46 36 04 N | 10 25 22 E | 46 36.067 N | 10 25.367 E | 1386 | T | 126 | 69 | Kirche |
| 116 | Staffa | 45 58 10 N | 7 58 07 E | 45 58.167 N | 7 58.117 E | 1307 | T | 76 | 250 | Platz |
| 117 | Stilfserjoch | 46 31 43 N | 10 27 11 E | 46 31.717 N | 10 27.183 E | 2457 | T | 125 | 73 | Passhoehoe |
| 118 | Susa | 45 08 22 N | 7 03 25 E | 45 08.367 N | 7 03.417 E | 500 | T | 186 | 231 | Bahnhof |
| 119 | Tarasp | 46 46 44 N | 10 15 42 E | 46 46.733 N | 10 15.700 E | 1499 | T | 123 | 58 | Schloss |
| 120 | Teglio | 46 12 30 N | 10 02 47 E | 46 12.500 N | 10 02.783 E | 2286 | T | 89 | 90 | Bergstation |

| <i>Number</i> | <i>Name</i> | <i>Latitude</i> ° , ' " | <i>Longitude</i> ° , ' " | <i>Latitude</i> ° , ' " | <i>Longitude</i> ° , ' " | <i>Elevation</i> <i>Meters</i> | <i>Codes</i> * | <i>Distance</i> <i>Km</i> | <i>Bearing</i> | <i>Comment</i> |
|---------------|--------------|----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------------|----------------|------------------------------|----------------|----------------|
| 121 | Thusis | 46 41 53 N | 9 26 26 E | 46 41.883 N | 9 26.433 E | 697 | T | 69 | 38 | Bahnhof |
| 122 | Timmelsjoch | 46 54 20 N | 11 05 50 E | 46 54.333 N | 11 05.833 E | 2483 | T | 186 | 65 | Zollhaus |
| 123 | Tonale | 46 15 26 N | 10 35 05 E | 46 15.433 N | 10 35.083 E | 1882 | T | 131 | 87 | Hotels |
| 124 | Usseglio | 45 14 00 N | 7 13 00 E | 45 14.000 N | 7 13.000 E | 1000 | T | 169 | 231 | Dorf |
| 125 | Vanzone | 45 58 50 N | 8 06 45 E | 45 58.833 N | 8 06.750 E | 1100 | T | 65 | 247 | Kirche |
| 126 | Verbier | 46 05 39 N | 7 13 10 E | 46 05.650 N | 7 13.167 E | 1398 | T | 129 | 265 | Kirche |
| 127 | Vieyes | 46 39 00 N | 7 15 00 E | 46 39.000 N | 7 15.000 E | 1100 | T | 135 | 292 | Dorf |
| 128 | Vigolo | 45 43 00 N | 10 02 00 E | 45 43.000 N | 10 02.000 E | 600 | T | 104 | 121 | Dorf |
| 129 | Weissfluhjoc | 46 49 59 N | 9 48 21 E | 46 49.983 N | 9 48.350 E | 2693 | T | 99 | 45 | Bergstation |
| 130 | Zermatt-Gorn | 45 59 02 N | 7 47 03 E | 45 59.033 N | 7 47.050 E | 3090 | T | 89 | 254 | Observatoriu |

Codes*

- A: Airport [BGA "#"]
- F: Finish Point
- H: Home airport
- S: Start Point
- T: Turnpoint