

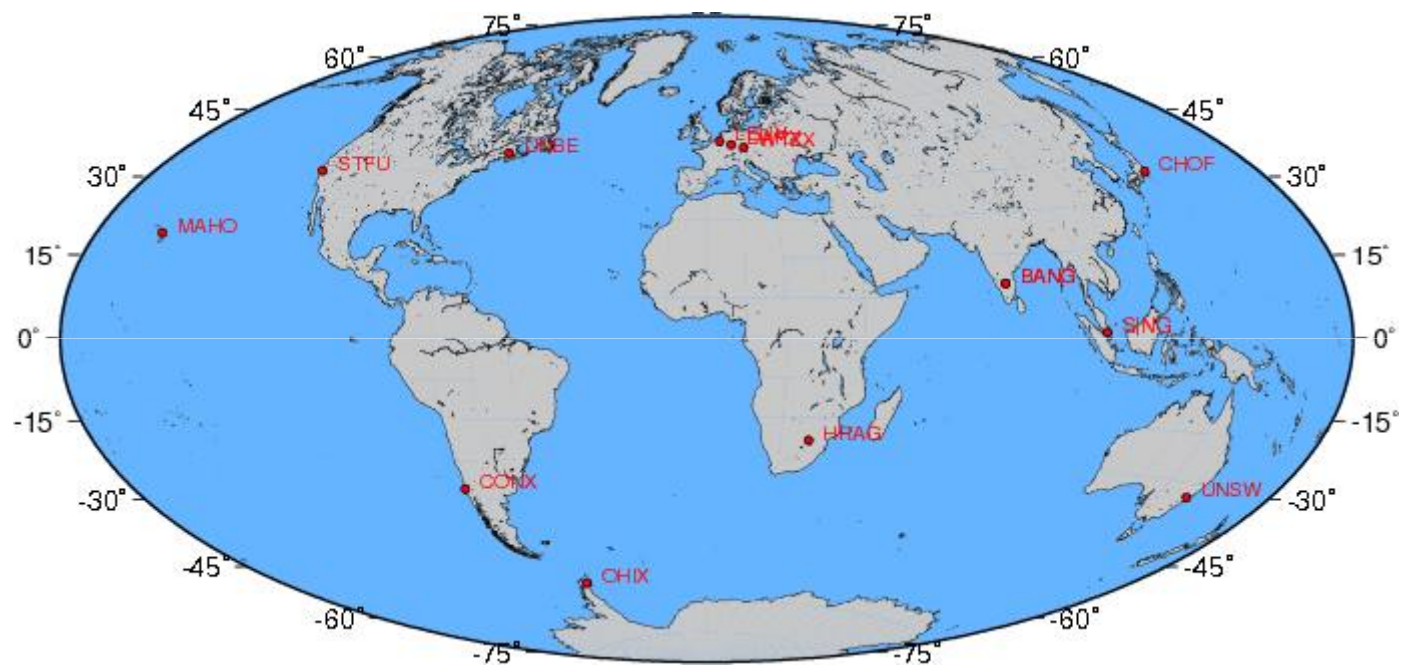
Galileo and related issues

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- **GGSP: final review meeting of WP „HAPS“
June, 11 in Brussels (EC)**
- **TGVF: Kickoff scheduled for June, 10 or 11 in
Nordwijk (ESTEC) → several months delayed**
- **Galileo IOV: launch of first four IOV satellites
still schedules for November 2010 and April
2011**

- **GLOVE: recent activities of DLR / TUM with support of BKG in RT / NRT analysis**
- **CONGO: Co-operative network for GLOVE observations of ~8-12 globally distributed RT stations since 2008**
restricted access
receivers: Septentrio GeNeRx, Javad TPS_G2T, TPS_G3T, Leica GRX1200+GNSS



- **RINEX**
 - **Version 3 developed for flexible use of true multi-GNSS**
 - **Version 2.1x is not flexible enough for handling of the huge number of code and phase combinations**
 - **IGS efforts to establish V3 limited**
 - **EUREF to fill this gap for the European GNSS Galileo**

- **teqc**
 - **widely used in IGS and EPN for generation of RINEX files**
 - **very much linked to the person of Lou Estey**
 - **is not flexible enough for handling of the upcoming number of code and phase combinations of the different GNSSs**

gmiz1290.08o - WordPad

Datei Bearbeiten Ansicht Einfügen Format ?



```

|      3.00      O      M      RINEX VERSION / TYPE
S2R      ROOT      20080508 011406 UTC PGM / RUN BY / DATE
MARKER NAME
NONE      MARKER TYPE
DSF GSTBV2      ESA      OBSERVER / AGENCY
      GETR      REC # / TYPE / VERS
      ANT # / TYPE
-3857260.0500  3108700.2100  4003931.6530  APPROX POSITION XYZ
      0.0000      0.0000      0.0000  ANTENNA: DELTA H/E/N
      2008      05      08      00      00.000  TIME OF FIRST OBS
      2008      05      08      23      59      59.000  TIME OF LAST OBS
G   10 C1C L1C D1C S1C C1P S1P C2P L2P D2P S2P  SYS / # / OBS TYPES
E   20 C1A L1A D1A S1A C1C L1C D1C S1C C7I L7I D7I S7I C7Q  SYS / # / OBS TYPES
      L7Q D7Q S7Q C8Q L8Q D8Q S8Q  SYS / # / OBS TYPES
      30.000  INTERVAL
      END OF HEADER

> 2008 05 08 00 00 0.0000000 0 10
E01 24591291.897 7 -14715757.393 7 -2491.257 7 45.100 7 24591017.851 7 -11223464.902 7 -1908.872 7
44.500 7 .000 0 .000 0 .000 0 .000 0 .000 0 .000 0
.000 0 .000 0 .000 0 .000 0 .000 0
G17 24311484.912 7 -509388.344 7 -3796.762 7 46.500 7 24311483.757 5 32.300 5 24311478.219 5
99551403.789 5 -2958.536 5 32.500 5
G10 21935824.173 8 -15028859.027 8 2084.254 8 49.000 8 21935822.722 6 36.500 6 21935817.093 6
89823526.265 6 1624.167 6 36.800 6
G25 23493545.251 7 -6275729.847 7 533.415 7 45.900 7 23493544.944 5 33.300 5 23493539.082 5
96202140.518 5 415.591 5 33.300 5
G13 21509518.068 8 -19521125.682 8 -2111.863 8 51.500 8 21509517.107 6 36.800 6 21509508.675 6
88077863.610 6 -1645.601 6 37.300 6
G02 20340090.343 8 -27762074.008 8 1419.905 8 51.000 8 20340089.055 6 39.300 6 20340079.876 6
83289253.063 6 1106.511 6 40.500 6
G23 24473770.764 7 -4346840.640 7 -3407.089 7 42.600 7 24473769.644 4 24.300 4 24473761.253 4
100215943.138 4 -2654.776 4 24.300 4
G04 20660982.557 8 -23368148.768 8 -1105.740 8 50.700 8 20660981.149 6 38.500 6 20660974.285 6
84603239.904 6 -861.491 6 39.500 6
G07 23671150.138 7 -2985615.869 7 1973.360 7 45.900 7 23671149.281 5 34.300 5 23671143.598 5
96929403.204 5 1537.803 5 34.300 5
G27 23500116.010 7 -5946121.403 7 1730.349 7 44.600 7 23500114.692 4 29.800 4 23500109.462 4
96229048.365 4 1348.408 4 29.800 4

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Drücken Sie F1, um die Hilfe aufzurufen.

- **Proposal: Establish one or two Working Groups within the TWG**
 - **WG1: Galileo (equipment issues, reference frame issues, etc.)**
JD, WS, N.N.?
 - **WG2: RINEX V3 (tools, archiving, monitoring, etc.)**
GS, HHa, CB, Rolf Dach, Georg Weber?