0533 Site Information Form (site log)
International GPS Service
See Instructions at:
  ftp://igscb.jpl.nasa.gov/pub/station/general/sitelog_instr.txt

0. Form

Prepared by (full name) : Simons,Heinz
Date Prepared : 2023-07-11
Report Type : UPDATE
If Update:
 Previous Site Log : 0533_20230704.log
 Modified/Added Sections : 2

1. Site Identification of the GNSS Monument

Site Name : LANDAU2
Four Character ID : 0533
Monument Inscription :
IERS DOMES Number :
CDP Number :
Monument Description : ALUMINIUM HOLDER WITH ALUMINIUM PLATE
  Height of the Monument : 20
  Monument Foundation : MOUNTED ON CHIMNEY WALL (BRICKSTONES)
  Foundation Depth :
Marker Description : CENTER OF ALUMINIUM PLATE (WINDING)
Date Installed : 2014-07-03T11:00Z
Geologic Characteristic : CLASSIFIED TERRACES
  Bedrock Type : GRAVEL, SAND
  Bedrock Condition :
  Fracture Spacing :
  Fault zones nearby :
    Distance/activity :
Additional Information : OWNER OF BUILDING IS CITY FACILITY SERVICE

2. Site Location Information

City or Town : LANDAU
State or Province : RHINELAND-PALATINATE
Country : GERMANY
Tectonic Plate : EURASIAN
Approximate Position (ITRF)
  X coordinate (m) : 4134182.3900
  Y coordinate (m) : 589068.4434
  Z coordinate (m) : 4805128.3453
  Latitude (N is +) : +491152.40
  Longitude (E is +) : +0080633.60
  Elevation (m,ellips.) : 211.444
Additional Information : ETRS89/DREF91/REALIZATION2016 (since 2016-12-01)

3. GNSS Receiver Information

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3.1  Receiver Type            : LEICA GR25
     Satellite System         : GPS+GLO
     Serial Number            : 1830351
     Firmware Version         : 2.62/6.112
     Elevation Cutoff Setting : 0 DEG
     Date Installed           : 2014-07-03T11:00Z
     Date Removed             : 2014-09-08T14:25Z
     Temperature Stabiliz.    : NONE
     Additional Information   :

3.2  Receiver Type            : LEICA GR25
     Satellite System         : GPS+GLO
     Serial Number            : 1830351
     Firmware Version         : 3.10/6.403
     Elevation Cutoff Setting : 0 DEG
     Date Installed           : 2014-09-08T14:30Z
     Date Removed             : 2016-09-27T04:45Z
     Temperature Stabiliz.    : NONE
     Additional Information   :

3.3  Receiver Type            : LEICA GR25
     Satellite System         : GPS+GLO
     Serial Number            : 1830351
     Firmware Version         : 4.00/6.522
     Elevation Cutoff Setting : 0 DEG
     Date Installed           : 2016-09-27T04:45Z
     Date Removed             : 2016-12-12T09:11Z
     Temperature Stabiliz.    : NONE
     Additional Information   :

3.4  Receiver Type            : LEICA GR50
     Satellite System         : GPS+GLO
     Serial Number            : 1830349
     Firmware Version         : 4.02/7.002
     Elevation Cutoff Setting : 0 DEG
     Date Installed           : 2016-12-12T09:18Z
     Date Removed             : 2017-05-17T12:51Z
     Temperature Stabiliz.    : NONE
     Additional Information   :

3.5  Receiver Type            : LEICA GR50
     Satellite System         : GPS+GLO
     Serial Number            : 1830349
     Firmware Version         : 4.11 / 7.102
     Elevation Cutoff Setting : 0 DEG
     Date Installed           : 2017-05-17T12:58Z
     Date Removed             : 2019-02-04T12:40Z
     Temperature Stabiliz.    : NONE
     Additional Information   :

3.6  Receiver Type            : LEICA GR50
     Satellite System         : GPS+GLO+GAL+BDS
     Serial Number            : 1830349
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     Firmware Version         : 4.31 / 7.403
     Elevation Cutoff Setting : 0 DEG
     Date Installed           : 2019-02-04T13:00Z
     Date Removed             : 2022-10-04T06:51Z
     Temperature Stabiliz.    : NONE
     Additional Information   :

3.7  Receiver Type            : LEICA GR50
     Satellite System         : GPS+GLO+GAL+BDS
     Serial Number            : 1830349
     Firmware Version         : 4.60.259 / 7.811
     Elevation Cutoff Setting : 0 DEG
     Date Installed           : 2022-10-04T06:58Z
     Date Removed             :
     Temperature Stabiliz.    : NONE
     Additional Information   :

3.x  Receiver Type            : (A20, from rcvr_ant.tab; see instructions)
     Satellite System         : (GPS+GLO+GAL+BDS+QZSS+SBAS)
     Serial Number            : (A20, but note the first A5 is used in SINEX)
     Firmware Version         : (A11)
     Elevation Cutoff Setting : (deg)
     Date Installed           : (CCYY-MM-DDThh:mmZ)
     Date Removed             : (CCYY-MM-DDThh:mmZ)
     Temperature Stabiliz.    : (none or tolerance in degrees C)
     Additional Information   : (multiple lines)


4.   GNSS Antenna Information

4.1  Antenna Type             : LEIAR25.R4      LEIT
     Serial Number            : 725514
     Antenna Reference Point  : BPA
     Marker->ARP Up Ecc. (m)  : 0.0771
     Marker->ARP North Ecc(m) : 0.0000
     Marker->ARP East Ecc(m)  : 0.0000
     Alignment from True N    : 0
     Antenna Radome Type      : LEIT
     Radome Serial Number     :
     Antenna Cable Type       : UNKNOWN
     Antenna Cable Length     : 10
     Date Installed           : 2014-07-03T11:00Z
     Date Removed             :
     Additional Information   : ANTENNA ABSOLUTE CALIBRATED BY
ANTENNENMESSKAMMER BONN (LEIAR25.R4______LEIT) GPS WEEK 1730

4.x  Antenna Type             : (A20, from rcvr_ant.tab; see instructions)
     Serial Number            : (A*, but note the first A5 is used in SINEX)
     Antenna Reference Point  : (BPA/BCR/XXX from "antenna.gra"; see instr.)
     Marker->ARP Up Ecc. (m)  : (F8.4)
     Marker->ARP North Ecc(m) : (F8.4)
     Marker->ARP East Ecc(m)  : (F8.4)
     Alignment from True N    : (deg; + is clockwise/east)
     Antenna Radome Type      : (A4 from rcvr_ant.tab; see instructions)
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     Radome Serial Number     :
     Antenna Cable Type       : (vendor & type number)
     Antenna Cable Length     : (m)
     Date Installed           : (CCYY-MM-DDThh:mmZ)
     Date Removed             : (CCYY-MM-DDThh:mmZ)
     Additional Information   : (multiple lines)


5.   Surveyed Local Ties

5.x  Tied Marker Name         :
     Tied Marker Usage        : (SLR/VLBI/LOCAL CONTROL/FOOTPRINT/etc)
     Tied Marker CDP Number   : (A4)
     Tied Marker DOMES Number : (A9)
     Differential Components from GNSS Marker to the tied monument (ITRS)
       dx (m)                 : (m)
       dy (m)                 : (m)
       dz (m)                 : (m)
     Accuracy (mm)            : (mm)
     Survey method            : (GPS CAMPAIGN/TRILATERATION/TRIANGULATION/etc)
     Date Measured            : (CCYY-MM-DDThh:mmZ)
     Additional Information   : (multiple lines)


6.   Frequency Standard

6.1  Standard Type            : INTERNAL
       Input Frequency        :
       Effective Dates        : 2014-07-03T11:00Z
       Notes                  : NONE

6.x  Standard Type            : (INTERNAL or EXTERNAL H-MASER/CESIUM/etc)
       Input Frequency        : (if external)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)


7.   Collocation Information

7.x  Instrumentation Type     : (GPS/GLONASS/DORIS/PRARE/SLR/VLBI/TIME/etc)
       Status                 : (PERMANENT/MOBILE)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)


8.   Meteorological Instrumentation

8.1.x Humidity Sensor Model   :
       Manufacturer           :
       Serial Number          :
       Data Sampling Interval : (sec)
       Accuracy (% rel h)     : (% rel h)
       Aspiration             : (UNASPIRATED/NATURAL/FAN/etc)
       Height Diff to Ant     : (m)
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       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

8.2.x Pressure Sensor Model   :
       Manufacturer           :
       Serial Number          :
       Data Sampling Interval : (sec)
       Accuracy               : (hPa)
       Height Diff to Ant     : (m)
       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

8.3.x Temp. Sensor Model      :
       Manufacturer           :
       Serial Number          :
       Data Sampling Interval : (sec)
       Accuracy               : (deg C)
       Aspiration             : (UNASPIRATED/NATURAL/FAN/etc)
       Height Diff to Ant     : (m)
       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

8.4.x Water Vapor Radiometer  :
       Manufacturer           :
       Serial Number          :
       Distance to Antenna    : (m)
       Height Diff to Ant     : (m)
       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

8.5.x Other Instrumentation   : (multiple lines)


9.   Local Ongoing Conditions Possibly Affecting Computed Position

9.1.1 Radio Interferences     : UNKNOWN
       Observed Degradations  :
       Effective Dates        :
       Additional Information :

9.1.x Radio Interferences     : (TV/CELL PHONE ANTENNA/RADAR/etc)
       Observed Degradations  : (SN RATIO/DATA GAPS/etc)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Additional Information : (multiple lines)

9.2.1 Multipath Sources       : UNKNOWN
       Effective Dates        :
       Additional Information :

9.2.x Multipath Sources       : (METAL ROOF/DOME/VLBI ANTENNA/etc)
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       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Additional Information : (multiple lines)

9.3.1 Signal Obstructions     : UNKNOWN
       Effective Dates        :
       Additional Information :

9.3.x Signal Obstructions     : (TREES/BUILDLINGS/etc)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Additional Information : (multiple lines)


10.  Local Episodic Effects Possibly Affecting Data Quality

10.x Date                     : (CCYY-MM-DD/CCYY-MM-DD)
     Event                    : (TREE CLEARING/CONSTRUCTION/etc)


11.  On-Site, Point of Contact Agency Information

     Agency                   : LANDESAMT FUER VERMESSUNG UND
GEOBASISINFORMATION RHEINLAND-PFALZ
     Preferred Abbreviation   : LVERMGEORP
     Mailing Address          : VON-KUHL-STRASSE 49
                              : 56070 KOBLENZ
     Primary Contact
       Contact Name           : SAPOS-Team Rhl.-Pf.
       Telephone (primary)    : 0049261492123
       Telephone (secondary)  :
       Fax                    :
       E-mail                 : sapos@vermkv.rlp.de
     Secondary Contact
       Contact Name           : SAPOS-Team Rhl.-Pf.
       Telephone (primary)    : 0049261492123
       Telephone (secondary)  :
       Fax                    :
       E-mail                 : volker.schneider@vermkv.rlp.de
     Additional Information   :


12.  Responsible Agency (if different from 11.)

     Agency                   :
     Preferred Abbreviation   :
     Mailing Address          :
     Primary Contact
       Contact Name           :
       Telephone (primary)    :
       Telephone (secondary)  :
       Fax                    :
       E-mail                 :
     Secondary Contact
       Contact Name           :
       Telephone (primary)    :
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  Telephone (secondary)  :
  Fax                    :
  E-mail                 :
Additional Information   :
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13. More Information

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Primary Data Center      : LVERMGEORP
Secondary Data Center    : LGLN
URL for More Information : http://www.lvermgeo.rlp.de
Hardcopy on File
  Site Map               : Y
  Site Diagram           : N
  Horizon Mask           : N
  Monument Description   : Y
  Site Pictures          : Y
Additional Information   :
Antenna Graphics with Dimensions
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