

AUT1 Site Information Form (site log)

International GPS Service

See Instructions at:

ftp://igsb.jpl.nasa.gov/pub/station/general/sitelog_instr.txt

0. Form

Prepared by (full name) : Dr. Christos Pikridas

Date Prepared : 2005-03-30

Report Type : NEW

If Update:

Previous Site Log :

Modified/Added Sections :

1. Site Identification of the GNSS Monument

Site Name : THESSALONIKI

Four Character ID : AUT1

Monument Inscription : NONE

IERS DOMES Number : 12619M002

CDP Number : (A4)

Monument Description : INOX METAL PILLAR

Height of the Monument : (m)

Monument Foundation : ROOF

Foundation Depth :

Marker Description : NAIL

Date Installed : 2005-03-29

Geologic Characteristic : (BEDROCK/CLAY/CONGLOMERATE/GRAVEL/SAND/etc)

Bedrock Type : (IGNEOUS/METAMORPHIC/SEDIMENTARY)

Bedrock Condition : (FRESH/JOINTED/WEATHERED)

Fracture Spacing : (1-10 cm/11-50 cm/51-200 cm/over 200 cm)

Fault zones nearby : (YES/NO/Name of the zone)

Distance/activity : (multiple lines)

Additional Information : (multiple lines)

2. Site Location Information

City or Town : Thessaloniki

State or Province :

Country : Greece

Tectonic Plate : Eurasian

Approximate Position (ITRF)

X coordinate (m) : 4466283.496

Y coordinate (m) : 1896166.747

Z coordinate (m) : 4126096.683

Latitude (N is +) : +403400.54

Longitude (E is +) : +0230013.37

Elevation (m,ellips.) : 00150.0

Additional Information : (multiple lines)

3. GNSS Receiver Information

3.1 Receiver Type : LEICA GRX1200PRO

Satellite System : GPS

Serial Number : 455989

Firmware Version : 1.52/2.120

Elevation Cutoff Setting : 5

Date Installed : 2005-03-29

Date Removed : CCYY-MM-DDThh:mmZ

Temperature Stabiliz. : NONE

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Additional Information          : (multiple lines)

3.x Receiver Type              : (A20, from rcvr_ant.tab; see instructions)
Satellite System              : (GPS/GLONASS/GPS+GLONASS)
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               : LEIAT504          LEIS
Serial Number                  : 808
Antenna Reference Point       : BPA
Marker->ARP Up Ecc. (m)       : 000.1824
Marker->ARP North Ecc(m)      : 000.0000
Marker->ARP East Ecc(m)       : 000.0000
Alignment from True N         : 0
Antenna Radome Type           : LEIS
Radome Serial Number          :
Antenna Cable Type            : Leica supplied
Antenna Cable Length          : 30 m
Date Installed                 : 2005-03-29
Date Removed                   : CCYY-MM-DDThh:mmZ
Additional Information          : (multiple lines)

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)
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

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aut1_20050330[1].log
6.1 Standard Type      : INTERNAL
    Input Frequency    : (if external)
    Effective Dates    : 2004-06-15/CCYY-MM-DD
    Notes              : (multiple lines)

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)
    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)

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9. Local Ongoing Conditions Possibly Affecting Computed Position

- 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.x Multipath Sources : (METAL ROOF/DOME/VLBI ANTENNA/etc)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Additional Information : (multiple lines)
- 9.3.x Signal Obstructions : (TREES/BUILDINGS/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 : DEPARTMENT of GEODESY & SURVEYING
Preferred Abbreviation : DGS
Mailing Address : Aristotle University of Thessaloniki
: Department of Geodesy & Surveying
: Univ. Box 432, 54124 Thessaloniki, Greece

Primary Contact
Contact Name : Dr. Christos Pikridas
Telephone (primary) : +30-2310-996110
Telephone (secondary) :
Fax : +30-2310-996408
E-mail : cpik@topo.auth.gr

Secondary Contact
Contact Name : Prof. Aristidis Fotiou
Telephone (primary) : +30-2310-996135
Telephone (secondary) :
Fax : +30-2310-996408
E-mail : afotiou@topo.auth.gr
Additional Information :

12. Responsible Agency (if different from 11.)

Agency : (multiple lines)
Preferred Abbreviation : (A10)
Mailing Address : (multiple lines)

Primary Contact
Contact Name :
Telephone (primary) :
Telephone (secondary) :
Fax :
E-mail :

Secondary Contact
Contact Name :
Telephone (primary) :
Telephone (secondary) :
Fax :
E-mail :

Additional Information : (multiple lines)

13. More Information

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Primary Data Center      : ASI
Secondary Data Center   : OLG
URL for More Information :
Hardcopy on File
  Site Map               : (Y or URL)
  Site Diagram           : (Y or URL)
  Horizon Mask           : (Y or URL)
  Monument Description   : (Y or URL)
  Site Pictures          : Y
Additional Information   : (multiple lines)
Antenna Graphics with Dimensions
    
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(insert text graphic from file antenna.gra)

LEICA ANTENNA GRAPH : LEIAT504

