EPOS-GNSS GLASS Node Configuration Letter

*Available from* [*https://gnss-metadata.eu/*](https://gnss-metadata.eu/index.php?r=site%2Fguidelines)

*Questions and comments are welcome at* [*gnss-dgw@oca.eu*](mailto:gnss-dgw@oca.eu)

*Send document to* [*gnss-dgw@oca.eu*](mailto:gnss-dgw@oca.eu)

*Updates: October 23, 2019; December 13, 2019, April 6, 2020*

*Created: March 15, 2018*

SUMMARY

This is the list of the parameters to provide to the ***Data Gateway*** for adding a new node and its associated data centers in the ***GLASS Network***.

GLASS Node Contact

Please fill-in the following table for the GLASS Node.

|  |  |
| --- | --- |
| Responsible person: | *Lastname, Firstname*  *Agency*  *address*  *e-mail* |
| Contact person: | *If different, please:*  *Lastname, Firstname*  *Agency*  *e-mail* |
| Date of request: |  |

GLASS Node Information

Please fill-in the following table for the GLASS Node.

|  |  |
| --- | --- |
| Name | *Name of the node (e.g. “French National Node”)* |
| Node Abbreviation | *Abbreviation of the name of the node (to be used in M3G)* |
| Agency | *The agency in charge of the node (e.g. OCA-Geoazur)* |
| Country | *The country hosting the node (e.g. France)* |
| Host | *IP address of the computer hosting the database (e.g. 131.05.06.21)* |
| Port | *Port of the computer hosting the database (e.g. 9000)* |
| DB Name | *Name of the EPOS database (e.g. gnss-europe-v0-2-13)* |
| DB Username | *Username of the account having right of writing on the epos database* |
| DB Password | *Password of the account having right of writing on the epos database* |
| Service URL | *URL of the GLASS Framework service (e.g. https://gnssdata-epos.oca.eu:8080/GlassFramework)* |
| Additional Information | *Additional information about the node (e.g. Node distributing the RESIF GNSS data)* |
| Do you accept to receive metadata from external data providers\*1? | *YES / NO* |
| Do you accept to receive data from external data providers, and to generate and manage their metadata\*1? | *YES / NO* |
| \*1 see the EPOS-GNSS\_GLASS\_Node\_Guidelines.docx document or ask at [*gnss-dgw@oca.eu*](mailto:gnss-dgw@oca.eu)for further information | |

Data Repository Information

Please fill-in the following tables for each of the Data Repositories/Data Centers associated to the node. The example given matches a (fictional) Data Repository storing the file ftp://server.place.fr/data/30s/2017/005/xxxx0050.17d.Z:

|  |  |
| --- | --- |
| Data Repository Name | *Name of the data repository (e.g. Réseau National GNSS Permanent)* |
| Data Repository Acronym | *Acronym of the data repository (e.g. RENAG)* |
| Hosted Networks: | *A comma-separated list of the GNSS networks from which the data repository hosts the data (e.g. RENAG) – acronyms and/or complete names (similar to those in M3G)* |
| Protocol | *http or ftp (e.g. ftp)* |
| Hostname | *Hostname of the computer hosting the data (e.g. server.place.fr)* |
| Agency Acronym | *The acronym of the agency managing the data repository (OCA). To be the same as the one declared on M3G.* |
| Agency Full Name | *The full name of the agency managing the data repository (Observatoire de la Côte d’Azur)* |
| Agency Address | *The address of the agency managing the data repository (e.g. Boulevard de l’observatoire, CS 34229 – F -06304 – Nice Cedex 4)* |

*(Please see next page for the end of the table)*

|  |  |  |  |
| --- | --- | --- | --- |
| Sampling Window  *The sampling windows of the files in the directory. Available choice: 24h, 1h, 15mn.* | Sampling Frequency  *The sampling frequency of the files in the directory. Available choice: 30s, 15s, 1Hz, 5Hz, 10Hz, 20Hz.* | File type  *The type of the files in the directory. Available choice: RINEX2, RINEX3, RINEXN2, RINEXN3, RINEXM2, RINEXM3, QC-XML.* | Directory  *The fixed directory structure where the files are stored.* |
| *e.g. 24h* | *e.g. 30s* | *e.g. RINEX2* | *e.g. data/30s* |
| *e.g. 24h* | *e.g. 30s* | *e.g. RINEX3* | *e.g. data/30s* |
|  |  |  |  |