

# Contact and agency information in M<sup>3</sup>G

<https://gnss-metadata.eu/>

M3G-team

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In general, an Agency can act as a Data Node, a Station Owner, an Operational Center, etc...

Related to GNSS station metadata,

## Terminology

In M3G, site log and M3G, an agency can act as:

- A. **site metadata custodian** (new with GeodesyML): the agency/person responsible for maintaining the site metadata = Operational Centre in M<sup>3</sup>G
- B. **responsible agency** (section 12 of site log) = station owner
- C. **on-site point of contact** (section 11 of site log) = local point of contact

They can be all different or all be the same.

Which one should show up at data portal and ICS? We think it should be the "Responsible agency/station owner".

## The agency information is organized in M<sup>3</sup>G as follows:

- 1) Site Metadata Custodian = the agency responsible for maintaining the station metadata in M<sup>3</sup>G

is inserted in

- M<sup>3</sup>G Operational Center (OC) form: indicating for each station the agency (and persons) which are allowed to submit/update station metadata using the M<sup>3</sup>G station metadata form.
- M<sup>3</sup>G Station Metadata Form: The M<sup>3</sup>G UI requires that the "Prepared by" field is selected from one of the contacts filled in the OC!

and exported to

- Site log, in the field "Prepared by" in "Section 0".
- GeodesyML, in the field "Prepared by" and the field "siteMetaDataCustodian" (with the agency information coming from the OC form and the contact information coming from "Prepared by" in the station metadata form).

- 2) Responsible Agency = Station Owner

is inserted in

- M<sup>3</sup>G Station Metadata Form: The M<sup>3</sup>G UI indicates this as “Responsible agency”, it has to be completed (mandatory field) when submitting station metadata. For stations owned by the OC itself, the responsible agency should be the same as the agency indicated in the OC. If the OC is maintaining station metadata on behalf of the Station Owner, then “Responsible agency” (and contact persons) will be independent of the agency information given in the OC.

and exported to

- Site log, “Section 12” contains the “Responsible agency”.
- GeodesyML, field “siteOwner”.

### 3) On-site point of contact

inserted in

- M<sup>3</sup>G Station Metadata Form: The M<sup>3</sup>G UI indicates this as “On-site point of contact”. The M<sup>3</sup>G UI does not impose that this one is completed. If not completed, it is supposed to be the same as the Responsible Agency/Station Owner (and same contact persons).

and exported to

- Site log, “Section 11” contains the “One-site point of contact”.
- GeodesyML, field “siteContact”.

## Who will be contacted?

In case of data quality problems or station metadata inconsistencies, both the “Site metadata custodian” and the “On-site point of contact” will be contacted. It is important that both are contacted because if the “On-site point of contact” changes an option in the receiver, it is imperative that the “Site metadata custodian” can act accordingly and update, if necessary, the station metadata on M<sup>3</sup>G.

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<sup>i</sup> OC=Operational Centre, it is the agency responsible for maintaining the station metadata within M<sup>3</sup>G