

## Change Log GEONETCast toolbox version 2.4

In the XML version 2.4 of the GEONETCast toolbox various changes have been implemented. The most important are:

- All batch routines have been updated to reflect the changes in GEONETCast, like:
  - Updated XML menu, now version 2.4
  - Change of MSG-IODC MPEF service, reflecting change in position from 41.5 to 45.5 degree;
  - Updated ElectroL-3N GOMS import routine, reflecting current use of N3 and change in longitude position;
  - Updated MPEF IODC routines due to MSG-IODC service satellite position and products no longer disseminated have been removed from the menu, like CLA, CLAI, DIV and the NDVI (daily and 10 day) and added ASR routine;
  - TAMSAT – checked new version import
  - GPM – checked new version import
  - S-NPP – checked new version import, changed coefficients for Wind Speed
  - H-SAF, added products:
    - H26
    - H60
    - H61
    - H63
    - H90
  - Updated SMOS – version 3 now supported
  - LSA-SAF, updated changes in product provision, like:
    - Added routine to import METOP EDSC
    - For the full MSG disk:
      - Added routine to import MDSSFTD (replaced DSSF for the windows)
      - Added routine to import MLST-AS
      - Added routine to import MNSLF (check values!!)
      - Added routine to import LST (replaced LST for the windows)
  - S3-OLCI Regional Products, added import routines for BA, DMP, FAPAR, FCOVER and LAI, for Africa and South America regional windows.
  - Updated Copernicus SWI- version 3.2.1. now supported
  - Included TAMSAT daily, pentad and pentad anomaly rainfall products
  - Updated the MPEF Prime (0 degree) MPEF import routines to adhere to the new WMO file naming / file format conventions. As of 20 October 2022 the file name conventions of the other MPEF products for IODC and RSS are changing as well to also adhere to WMO naming conventions
- MSG Data Retriever: Allows import of MSG 1 (now decommissioned), 2, 3 and 4. The IODC data sources (see figure below) have a "change" on 1st June 2022, at 0900 UTC. On that day/time there is a change from MSG1 to MSG2 (reflecting also the repositioning from 41.5 to 45.5). The data sources in the MSG Data Retriever don't have a start/end time (only a start/end date). That is why the last day of MSG1/41.5 also is the first day of MSG2/45.5. To ensure compatibility with previous recordings of MSG 1 they have to be specified separately.

Figure 1: Data Sources specification MSG Data Retriever

