

GIMS MDB

NOTE:

The Bureau publishes the complete GIMS reference database on each BR IFIC. This file contains graphical information relating to satellite networks recorded in the Master International Frequency Register (MIFR) or in the process of coordination, in accordance with Section II of Article 9 (Nos. 9.6 and 9.17) of the Radio Regulations or published under the advance publication of information procedure, in accordance with Section I of Article 9 and maintained by the Bureau.

The **gimsXXXX.mdb** file (MS Access format) published on the present BR IFIC is available on the online application in the menu Databases or on the Databases**GIMS**_Data directory of the ISO file.

As of BR IFIC 3016, in order to circumvent the 2GB limit of the Microsoft Access MDB file format, the grefdbXXXX.mdb database file has been split into three linked database files, named respectively gimsXXXX_part1of3.mdb, gimsXXXX_part2of3.mdb, and gimsXXXX_part3of3.mdb, where XXXX is the BR IFIC publication number. The GIMS application and related libraries have been updated to support the new linked files as of BR IFIC 3016. Please install the latest GIMS version on your computer.

The files gimsXXXX_part1of3.mdb / gimsXXXX_part2of3.mdb / gimsXXXX_part3of3.mdb must always be moved/copied/renamed together, i.e. they must be in the same directory and they may only be renamed in a consistent manner, such as "somename_part1of3.mdb", "somename_part2of3.mdb", and "somename_part3of3.mdb".

Links between Microsoft Access database files are absolute, and therefore it is necessary to recreate the absolute links between the MDB files every time the databases are moved/copied/renamed. To rebuild the absolute links between the MDB files, please follow the procedure below:

Linking using GIMS (BR IFIC 3016 or later) software

For using gimsXXXX_part1of3.mdb / gimsXXXX_part2of3.mdb / gimsXXXX_part3of3.mdb linked MDB files with the GIMS application or libraries (versions as of BR IFIC 3016):

1. Before the first use of the linked MDBs, please extract the contents of the gimsXXXX.zip file into a local directory.
2. The file gimsXXXX_part1of3.mdb must be writeable (at least the first time it is used by GIMS software in a given location, or the first time it is used after each move, copy or renaming).
3. Open the gimsXXXX_part1of3.mdb file with the GIMS application (or the GIMS libraries that normally use the grefdbXXXX.mdb file) and the application (or library) will automatically check and rebuild the links if necessary.
4. The gimsXXXX_part1of3.mdb file can be made read-only after the first use. The gimsXXXX_part2of3.mdb or gimsXXXX_part3of3.mdb files can be read-only at all times.
5. In case you need to move/copy/rename the linked files, please repeat the procedure from step 2 after the move/copy/rename.

Linking using Microsoft Access

Use the following procedure only if you have not already completed the above procedure for a given triplet of gimsXXXX_part1of3.mdb / gimsXXXX_part2of3.mdb / gimsXXXX_part3of3.mdb files:

For using gimsXXXX_part1of3.mdb / gimsXXXX_part2of3.mdb / gimsXXXX_part3of3.mdb files with Microsoft Access or with third-party software:

1. Before the first use of the linked MDBs, please extract the contents of the gimsXXXX.zip file into a local directory.
2. Use Microsoft Access to open the gimsXXXX_part1of3.mdb file. This will invoke a macro which will automatically check and rebuild the links if necessary. If there is no prompt from Microsoft Access at this stage, that means that the links have been rebuilt successfully.
3. The macro has been signed with the ITU digital code signing certificate. Please note that the macro and the digital signature are provided for your convenience. They are not required for GIMS (BR IFIC 3016 and later) to be able to use the gimsXXXX_part1of3.mdb / gimsXXXX_part2of3.mdb / gimsXXXX_part3of3.mdb files.
4. Please also note that, if your Microsoft Access Trust Center settings for Macro Security are at the strictest level ("Disable all macros without notification"), the macro may be blocked from rebuilding the links automatically. In that case, you must rebuild the links manually using the Linked Table Manager tool in Microsoft Access.
5. The gimsXXXX_part1of3.mdb file can be made read-only after step 1. The gimsXXXX_part2of3.mdb and gimsXXXX_part3of3.mdb files can be read-only at all times.
6. You can now use gimsXXXX_part1of3.mdb / gimsXXXX_part2of3.mdb / gimsXXXX_part3of3.mdb.

Note: Do not use the gimsXXXX_part2of3.mdb or gimsXXXX_part3of3.mdb database file by itself. Always use the gimsXXXX_part1of3.mdb database file, after following one of the above two procedures.

GIMS & REFDB

It used to be possible to configure GIMS reference database (REFDB) that the GIMS application and related libraries would automatically open (the process was explained in previous versions of this document).

As of BR IFIC 3016, GIMS will no longer support the REFDB concept.

Other software (such as GIBC, Mspace, etc.) depended on the REFDB configuration in order to connect automatically to graphical data. As REFDB is no longer defined, the graphical database which you want these programs to use must be selected manually, as was the case with the other databases. This also allows you the option of not selecting any graphical database, which was not possible before.