# DBM version 2.1 – release note

Changes since version 2.0:

1. New fields added:

   ```
   1 – PCF_CORR
   2 – PCF_OBTID
   3 – PCF_DARC
   4 – PCF_ENDIAN
   5 – CPC_CORR
   6 – CPC_OBTID
   ```

2. Field removed from ASCII import

   ```
   1 – PCF_ALIAS
   ```

3. DPC_COMM numeric value is in the range [0..9999]
4. DPC_COMM default value is 0
5. CCF_HIPRI is allowed to be NULL
6. CAF_RADIX is allowed to be NULL when CAF_RAWFMT is not U

7. Version 2.1 can be installed with Access 2010 without additional changes of installed files.

**Installation procedure:**
execute the file Install_DBM_2.1.exe and follow the indication on the installation screen.

**IMPORTANT:** Installation of version 2.1 requires that previous version is removed, together with previous versions of database files.

**NOTE1:** ASCII files used for import cannot have field mentioned in 2 (PCF_ALIAS). Users requiring previous version of ASCII files should not upgrade to the current version.

**NOTE2:** User manual for version 2.0 applies also to version 2.1. There were no changes in user interface functionality.

**Test Report:**

1. Tables PCF and CPC provided in file importdb.zip with bug #7587 were loaded from ASCII into DBM and exported from DBM to ASCII. Input and output ASCII files were visually compared showing the same data.

2. We created an alphanumeric display containing three parameters with the DPC_COMM with values 0, 1 and 9999 and after consistency check we exported the database. The consistency check was ok and the exported files contained the DPC_COMM field with expected values.

3. We were able to import ASCII files with CCF_HIPRI and CAF_RADIX having NULL (empty) values

The following error types appear in consistency check report for test data supplied with bug #7711

1.
*CAF CalibrationSelection CUR_SELECT*
Numeric Calibration [EGNC110007] is not being used!

Message is normal – record not present in PCF.

2.
*CPC IsReferenced CPC_PNAME*
Record CPC_PNAME [GEPA0003] : CPC_PNAME [GEPA0003] not found in CDF_PNAME

Message is normal – record not present in  CDF.

3.
*PAF IsReferenced PAF_NUMBR*
Record PAF_NUMBR [SGXA220002] : PAF_NUMBR [SGXA220002] not found in CPC_PAFREF

Message is normal – record not present in  CPC.

4.
*PCF TMParamCompletness PCF_NATUR*
Record PCF_NAME [ACTA0004] : is not referenced in neither PLF nor VPD tables

Message is normal – record not present in  PLF nor VPD.

5.
*TXF CalibrationSelection CUR_SELECT*
Textual Calibration [EGXC110006] is not being used!

Message is normal – record not present in  PCF.