

# Natural Nucleus Error Messages

## NAT5351-NAT5400

### NAT5360: Non-zero Adabas response - :1/:2: (RC=:3/:4:)

|       |  |
|-------|--|
| Text  | A non-zero response-code was received from the database.   |
| Expl. | The Natural/SAP Communication has received a non-zero response from the database. The error may have been caused by one of the following:<br>- A timeout condition has occurred.<br>- An invalid request was made to the database.<br>Additional information about which command received the response code can be obtained by analyzing the contents of the DDM field - ERROR-TEXT. |
| Actn. | Analyze persistent errors using the ERROR-TEXT field.  |

### NAT5361: Installation error: "ADALNK" is not reentrant.

|       |  |
|-------|--|
| Text  | Installation error: "ADALNK" is not reentrant.   |
| Expl. | Natural/SAP Communication requires that a reentrant Adabas link module "ADALNK" be used.   |
| Actn. | Make the necessary modifications to ADANLK, as described in the source. Assemble and link-edit the module before attempting again. |

### NAT5362: Unexpected SDAM response received (RC=:1:).

|       |  |
|-------|--|
| Text  | Unexpected SDAM response received (RC=:1:).  |
| Expl. | The SDAM-Interface used by Natural/SAP Communication has returned a non-zero response.<br>The response code is located in the DDM field ERROR-TEXT<br>RC Description<br>-----<br>01 Error in EXTENT-Chain<br>02 No RSA provided<br>03 No Record found with given RSA<br>07 User Area too Small<br>08 Compressed Field-Group too long<br>09 Invalid Qmacro<br>FE Nothing found for Search Criterium |
| Actn. | FE Nothing found for Search Criterium Check the SAP/Qmacros with which XCOMSAP was compiled.<br>For further assistance please contact Software AG<br>Customer Support.   |

### NAT5363: No record found with given key or RSA.

|       |  |
|-------|--|
| Text  | No record found with given key or RSA.   |
| Expl. | No record was found because:<br>1) a header segment was accessed using the Master-Index field "BMI" with an invalid value, or<br>2) an internal error occurred when accessing the SAP/Document File with an invalid RSA. |
| Actn. | Check the value of "BMI", when used.<br>Contact Software AG Customer Support for further assistance.   |

**NAT5364: Log.file-ID or segment-ID not found in description table.**

|       |   |
|-------|---|
| Text  | Log.file-ID or segment-ID not found in description table.   |
| Expl. | An access was made using a logical file-nr which was not found in the SAP/Description Tables (XCOMSAP), or the segment-id used internally were not located within the SAP/Description Tables. |
| Actn. | Check for the file-nr (LFID) in the modules XCOMSAP and XCOMFUNC<br>Check the version of the SAP Qmacros which were used to assemble XCOMSAP.   |

**NAT5365: Document-type is invalid for the SAP/table used.**

|       |   |
|-------|---|
| Text  | Document-type is invalid for the SAP/table used.  |
| Expl. | The value used in the FIND/READ statement for the document-type (DDM field "BLTYP") is invalid for this SAP/View.<br>A list of document-types and the associated logical files is provided in the documentation.<br>The document-type is optional, and can be left out.<br>Natural/SAP Communication supplies the document-type when it is not otherwise specified. |
| Actn. | Check the value of the document-type, and where possible avoid using it.  |

**NAT5366: SAP/document files do not have the same database-ID.**

|       |   |
|-------|---|
| Text  | SAP/document files do not have the same database ID.  |
| Expl. | The SAP/Document files have different database IDs in the SAP/description Table (XCOMSAP).<br>Natural/SAP requires that the SAP/Files:<br>ABMI - Master Index File<br>ABIB - Secondary Index File<br>ABEZ - Document Container File<br>all have the same database ID. |
| Actn. | Check the SAP/Description Table for correctness.  |

**NAT5367: Queuing error: WADS or workarea address not found.**

|       |  |
|-------|--|
| Text  | Queuing error: WADS or workarea address not found.           |
| Expl. | An internal error has occurred.                              |
| Actn. | Contact Software AG Customer Support for further assistance. |

**NAT5368: FB/SB work buffer overflow (:1:/RECAREA).**

|       |  |
|-------|--|
| Text  | FB/SB work buffer overflow (:1:/RECAREA).                    |
| Expl. | An internal error has occurred.                              |
| Actn. | Contact Software AG Customer Support for further assistance. |

**NAT5369: GETMAIN storage error - :1/:2: (RC=:3:)**

|       |   |
|-------|---|
| Text  | GETMAIN storage failure.  |
| Expl. | A non-zero response code was received by Natural/SAP Communication when attempting to perform a GETMAIN. This error can only occur when the resources are exhausted. The most common reason for this problem is that the region size is too small for the number of users that are concurrently active. |
| Actn. | Check the region size.<br>Contact Software AG Customer Support for further assistance.  |

**NAT5370: FREEMAIN storage error - :1/:2: (RC=:3:)**

|       |   |
|-------|---|
| Text  | FREEMAIN storage error.   |
| Expl. | A non-zero response code was received by Natural/SAP Communication while attempting to perform a "FREEMAIN". This situation should not occur. Repeated occurrence of this error could lead to a depletion of resources and a "GETMAIN" error. |
| Actn. | Contact Software AG Customer Support for assistance.  |

**NAT5371: Invalid value in Master-Index - :1:.**

|       |  |
|-------|--|
| Text  | Invalid value in Master-Index.   |
| Expl. | A sub-field of the Master-Index used to access the SAP/Document File contains an invalid value. The range of values for each of the sub-fields is listed below:<br>Sub-Field Field Name Range of Values<br>-----<br>Client Number MANDANT 00 thru 99<br>Company Code BUKRS Greater than '00'<br>Document Number BLNR Greater than '00000000' |
| Actn. | Check value of Master-Index used in FIND/READ Statement.   |

**NAT5372: Internal error: Search/Value buffer analysis (RC=:1:)**

|       |  |
|-------|--|
| Text  | Insufficient workarea or invalid numeric value in Value Buffer   |
| Expl. | An internal error occurred when performing the Search/Value Buffer Analysis.<br>This error can occur when insufficient workarea is available or an invalid numeric value is encountered in the Value Buffer. |
| Actn. | Consult Software AG Customer Support for further assistance.   |

**NAT5373: Wildcards and multiple SVB entries are not supported.**

|       |  |
|-------|--|
| Text  | Wildcards or multiple field entries in the Search/Value buffer have been encountered.              |
| Expl. | The use of wildcards '*' or multiple field entries are not supported by Natural/SAP Communication. |
| Actn. | Check and correct the search criterion used in the FIND statement.                                 |

**NAT5374: Invalid OFFSET-Field used in search criterion or overlap.**

|       |  |
|-------|--|
| Text  | Either an OFFSET-Field which is not a descriptor has been used a part of the search criterion or one OFFSET-Field overlaps another.  |
| Expl. | The main data key of the Secondary Index is often redefined. and thus provides the user with multiple keys with which the data can be accessed.<br>This error occurs when an invalid search criterion has been used; i.e. parts of different keys have been combined in one logical search criterion.<br>The Search Buffer analysis determines such errors from the fact that these OFFSET-Fields overlap. |
| Actn. | Check and correct the the search criterion.<br>Consult the SAP/System description for further assistance.  |

**NAT5375: Invalid DB-Field used as descriptor.**

|       |   |
|-------|---|
| Text  | A field has been used, which is either unknown to the file processor or the field is not inverted.  |
| Expl. | Fields which are not a descriptor can not be used in a search criterion.<br>Furthermore, some of the fields in the DDM are file-access dependent.<br>For example the field group "MASTER-INDEX" and all fields within this group can only be used when accessing the SAP/Document file.<br>Use of these fields in a search criterion while accessing the Secondary-Index (ABIB) will result in such an error. |
| Actn. | Check and correct search criterion.<br>Consult the NATSAP Programming Considerations for further assistance.  |

**NAT5376: Mandatory field missing.**

|       |  |
|-------|--|
| Text  | A field that is mandatory is missing, most often - CLIENT NUMBER (MANDT).  |
| Expl. | The usage of some fields in the search criterion is mandatory - required.<br>This is the case for the field - CLIENT NUMBER (MANDT)<br>The section "Programming Considerations" of the Natural/SAP Communication documentation explains this in more detail. |
| Actn. | Check and correct the search criterion.<br>Consult the "Programming Considerations" for further assistance.  |

**NAT5377: 'Single Value' field used with multiple values.**

|       |  |
|-------|--|
| Text  | A 'single value' field may not be used with multiple values or a range of values.  |
| Expl. | Some fields may not be used in the search criterion with multiple values or a range of values. They may only be assigned a 'Single' Value, and, for example, may not be used in the Natural THRU-Clause.<br>Some examples of such fields area:<br>- CLIENT NUMBER<br>- DOCUMENT TYPE<br>Single value fields are explained in the "Programming Considerations" in greater detail. |
| Actn. | Check and correct search criterion.<br>Consult the "Programming Considerations" for further detail.  |

**NAT5378: A composite-key field has been misused.**

|       |   |
|-------|---|
| Text  | A composite-key field ("BMI" or "BSI") has been misused.  |
| Expl. | There are two composite keys in every DDM - "BMI" and "BSI".<br>These fields are used as part of the search criterion or are returned for use in the following FIND/READ loops.<br>The fields when used are to be used alone, and cannot be combined with other key-fields.<br>These composite fields are file-oriented.<br>- "BMI" can only be used when accessing the document file (ABEZ)<br>- "BSI" can only be used when accessing the secondary index (ABIB)<br>The current MASTER-Index value for the record being accessed is always returned in "BMI". |
| Actn. | is always returned in "BMI". Check and correct the Search Criterion<br>Consult the "Programming Considerations" for further assistance.   |

**NAT5379: Internal positioning error has occurred (RC=:1:).**

|       |   |
|-------|---|
| Text  | Internal positioning error has occurred (RC=...).   |
| Expl. | An internal error has occurred while attempting to position within a structured document.<br>ONE OF THE FOLLOWING ERRORS HAS OCCURRED:<br>RC Description<br>-----<br>x'FB' mismatching segment-id's positioning in document<br>x'FD' index error while positioning within XCOMSAP |
| Actn. | Consult Software AG Customer Support for further assistance.  |

**NAT5380: Dependent Segment accessed without reading parent segment**

|       |   |
|-------|---|
| Text  | Dependent Segment accessed without having read the parent segment.  |
| Expl. | The position segments of the documents files AUFK and AUAK are hierarchically structured, e.g. parent/child relationship. Structured Documents must be accessed in this parent/child order. You cannot access a lower level document segment without having first read the next higher level segment. |
| Actn. | Consult the SAP documentation for a description of the file structure and correct the nesting of the FIND/READ statements.  |

**NAT5381: Order of accessing segments incorrect.**

|       |  |
|-------|--|
| Text  | Order of accessing segments incorrect.   |
| Expl. | The position segments of the document files AUFK and AUAK are hierachically structured, e.g. parent/child relationship. Structured Documents must be accesssd in this parent/child order. You cannot access a higher level segment from within a lower level access loop. The order of access must always be from top to bottom. |
| Actn. | Consult the SAP documentation for a description of the file structure and correct the nesting of the FIND/READ statments.  |

**NAT5382: Invalid length of field group encountered.**

|       |   |
|-------|---|
| Text  | Invalid length of field group encountered.  |
| Expl. | While decompressing a document, a field group has been encountered with an invalid length attribute. The length attribute is either zero (0) or greater than 8000.<br>This type of error can occur when the version of the SAP data does not coincide with the version of the QMACROS used for generating the NATSAP Description Table (XCOMSAP). |
| Actn. | Regenerate XCOMSAP and re-try, should the error persist analyze the document with SAP utilities.  |

**NAT5399: Recursive entry into error handler.**

|       |  |
|-------|--|
| Text  | The error handler has been entered recursively.                              |
| Expl. | This is most likely an internal error and should be reported to Software AG. |
| Actn. | Consult Software AG Customer Support for further assistance.                 |

**NAT5400: No subclause given in COMPOSE statement.**

|       |  |
|-------|--|
| Text  | No subclause given in COMPOSE statement. |
| Actn. | Correct error in program.                |