FFORM$ - Return Field Format Info from Data Dictionary

The FFORM$ routine is used to obtain information for a specific field in a Speedbase data Dictionary.

1.   Invocation

To obtain the field information code:

```
CALL FFORM$ USING db unit ff
```

where *db* is a PIC X(5) database-id, *unit* is the PIC X(3) unit on which the data dictionary is present and *ff* is a control block of the following format:

```
01    FF
  02  FFV        PIC 9(2) COMP     * Block version
                 VALUE 1           * Must be set to 1
  02  FFI                          * Input information
   03 FFRCNO     PIC 9(4) COMP     * Record set number of record
                                   * which contains the field
                                   * if 0 then the direct
                                   * record-id will be used
   03 FFRCID     PIC X(2)          * Record-id of record set
                                   * which contains field if FFRCNO is 0
   03 FFFLNO     PIC 9(4) COMP     * Field number of field within
                                   * record if 0 use field name
   03 FFFLNM     PIC X(4)          * Field name if FFFLNO ZERO
  02  FFR                          * Returned information
   03 FFREC      PIC X(2)          * Record-id
   03 FFNAME     PIC X(4)          * Field name
   03 FFTYPE     PIC 9(2) COMP     * Field type
                                   * 2 = Computational
                                   * 4 = Character
                                   * 6 = Date
                                   * 7 = Index ref
                                   * 8 = GVA
   03 FFFORM     PIC 9(2) COMP     * Field format (if numeric)
   03 FFLENG     PIC 9(4) COMP     * Field length
   03 FFOFFS     PIC 9(4) COMP     * Field offset
   03 FFDESC     PIC X(16)         * Field description
   03 FFLDES     PIC X(45)         * Long field description
```

2.   STOP Codes and Exception Conditions

The following STOP codes may be generated by FFORM$:

STOP code	Description
11101	Invalid block version

The following exception conditions may be returned by FFORM$.

EXIT code	$$COND	Description

11102	2	Dictionary not found
11103	3	Error in dictionary
11104	4	Record not found
11105	5	Field not found

3. Programming Notes
??

4. Examples
[EXAMPLE REQUIRED]

5. Copy-Books
None.

6. See Also
None.