### 11.A.2.9. Q-POI Genre Selection

The function supporting Q-POI search (Emergency) is configured in the same way as this frame.

#### 11.A.2.9.1. Q-POI Genre Search Frame

##### 11.A.2.9.1.1. Search Frame Management Frame

name [Management Frame of Search Frame]

| No. | offset | Data length | Data type | Item name | Remarks | Classification |
|---|---|---|---|---|---|---|
| 1 | 0 | 16 | | Management Frame Header of Search Frame | | a |
| 2 | 16 | X | | Detailed Search Information Record - #1 | | a |

##### 11.A.2.9.1.1.1. Management Frame Header of Search Frame

name [ Management Frame Header of Search Frame]

| No. | offset | Data length | Data type | Item name | Remarks | Classification |
|---|---|---|---|---|---|---|
| 1 | 0 | 4 | C | Data Declaration | 'DFSR' | a |
| 2 | 4 | 4 | N | Category and Matching Data Count - G<br>(Number of Detailed Search Information Records) | =1 | a |
| 3 | 8 | 4 | SWS | Size of Detailed Search Information Record | 1) | a |
| 4 | 12 | 4 | D | Offset to the Top of Detailed Search Information Record | 2) | a |

1) This field describes the size of the detailed search information record. If there are two or more records, the records must have the same size (fixed length).

2) The displacement from the top of the search frame management frame to the first record of the sequence of detailed search information records is described, as it allows future expansion and manufacturer-specific data description.

##### 11.A.2.9.1.2. Detailed Search Information Record of Q-POI Genre Search

name [Detailed Search Information Record of Q-POI Genre Search]

| No. | offset | Data length | Data type | Item name | Remarks | Classification |
|---|---|---|---|---|---|---|
| 1 | 0 | 4 | C | Data Declaration | 'SRAG' | a |
| 2 | 4 | 4 | SWS | Expansion Field Size | 1) | a |
| 3 | 8 | 4 | D | Offset to Expansion Field | 1) | a |
| 4 | 12 | 4 | SWS | Category Definition Frame Size | 2) | a |
| 5 | 16 | 4 | D | Address to Category Definition Frame | 3) | a |
| 6 | 20 | 4 | SWS | Category Data Frame Size | 2) | a |
| 7 | 24 | 4 | D | Address to Category Data Frame | (3) | a |
| 8 | 28 | 4 | C | Default Keyboard Designation | 'KBGN' | a |
| 9 | 32 | 4 | SWS | Category Parent Record Size | 4) | a |
| 10 | 36 | 4 | SWS | Category Option Record Size | 5) | a |
| 11 | 40 | 4 | SWS | First-level Category Size | 6) | a |
| 12 | 44 | 4 | N | Number of Option Items of First-level Category | 6) | a |
| 13 | 48 | 4 | D | Offset to First-level Category | 6) | a |

| No. | offset | Data length | Data type | Item name | Remarks | Classification |
|---|---|---|---|---|---|---|
| 14 | 52 | 4 | C | Keyboard Designation for First-level Category | ‘KBGN’ | a |
| 15 | 56 | 4 | SWS | Matching Data Definition Frame Size | 2) | a |
| 16 | 60 | 4 | D | Address to Matching Data Definition Frame | 3) | a |
| 17 | 64 | 4 | SWS | Matching Data Frame Size | 2) | a |
| 18 | 68 | 4 | D | Address to Matching Data Frame | 3) | a |
| 19 | 72 | 4 | SWS | Record of Matching Data Frame Size | 7) | a |
| 20 | 76 | 4 | N | Total Number of Records of Matching Data Frame | 8) | a |
| 21 | 80 | 4 | N | Default POI Information Serial Number | 9) | a |
| 22 | 84 | 4 | SWS | Next-level Data Frame Size | 10) | a |
| 23 | 88 | 4 | D | Address to Next-level Data Frame | 10) | a |
| 24 | 92 | B1 | | Character Information Data List for Representation Item | 11) | a |
| 25 | O1 | B2 | | A Sequence of Additional Frame Address(es) (#1 to #n) | 3) | c |
| 26 | O2 | B3 | | Expansion Field | | c |
| 27 | O3 | B4 | | Padding Field | | c |

Note: Positions of items 25 and 26 are optional in the detailed search information record because their areas can be determined by items 5, 7, 16, and 18. However, the detailed search information record size specified in the management frame header of the higher search frame must be satisfied by items 25 to 27.

1) Expansion Field Size and Offset

These fields describe a displacement from the top of the detailed search information record to the top of the expansion field as the offset to the expansion field. Since this example does not have an expansion field, assign invalid values to the size and offset.

2) These fields describe the total size of the target data frame.

3) These fields describe the address of the target data frame in the representation format of 7) in Section 11.A.2.1.2.

4) This field describes the size of the category parent record.

Because the record length is variable, this field describes the maximum record size of the target data frame.

5) This field describes the size of a single category option record.

Because the record length is variable, this field describes the maximum record size of the target data frame.

6) Record Size, Number of Option Items, and Offset for First-level Category

These fields describe the size, number of option items, and displacement from the top of the category data frame, of the category table to be read first (which contains all the option items). For the second- and subsequent-level category tables, the record size, number of option items, and offset should be specified in the parent record of the actual data.

7) Size of the Record of Matching Data Frame

Since this example does not have an matching data frame, an invalid value is assigned to this field.

8) Total Number of the Records of Matching Data Frame

Since this example does not have an matching data frame, an invalid value is assigned to this field.

9) Default POI Information Serial Number

Since this example does not have any corresponding POI information, an invalid value 0 is assigned to this field.

10) Next-level Data Frame Size and Address

Since this example does not have a next-level search frame, an invalid value is assigned to this field.

11) Character Information Data List for Representation Item

This field describes a search name, which is determined by the function specifications of the system.

ex) English; “Q-POI”

### 11.A.2.9.1.3. Category Data Definition Frame

| No. | Usage | Description type | Description type declaration | Number of data items | Additional information | Comment | Remarks | Classifi-cation |
|---|---|---|---|---|---|---|---|---|
| 1 | ‘DCTF’ | ‘REAL’ | - | - | (18) | Definition Field Declaration | | a |
| 2 | ‘JPTB’ | ‘VRBL’ | ‘UB’ | ‘UW’ | ‘G2CT’ | Jump Table (Type code Major Division) | 1) | a |
| 3 | ‘SFTO’ | ‘OFST’ | ‘LG’ | 1 | - | Offset to the Top of Option Record | | a |
| 4 | ‘SFBO’ | ‘OFST’ | ‘LG’ | 1 | - | Offset to the End of Option Record | | a |
| 5 | ‘SELN’ | ‘NORM’ | ‘UL’ | 1 | - | Number of Option Items | | a |
| 6 | ‘DCSF’ | ‘REAL’ | - | - | (13) | Option Definition Field Declaration | | a |
| 7 | ‘BFRL’ | ‘FDRL’ | ‘UB’ | 1 | - | Relation to the Top of the Previous Record<br>Forward Relation from the Top of This Record | | a |
| 8 | ‘NFRL’ | ‘FDRL’ | ‘UB’ | 1 | - | Relation to the Top of the Following Record<br>Backward Relation from the Top of This Record | | a |
| 9 | ‘KYCH’ | ‘NORM’ | ‘UB’ | 1 | - | Character Search Key | 2) | a |
| 10 | ‘KBTP’ | ‘NORM’ | ‘UB’ | 1 | - | Top Menu Priority | 3) | a |
| 11 | ‘STFG’ | ‘NORM’ | ‘UB’ | 1 | - | Storage Data Flag | 4) | a |
| 12 | ‘NXKD’ | ‘NORM’ | ‘UH’ | 1 | - | Next-level Data Frame Type | 4) | a-c |
| 13 | ‘NXFN’ | ‘NORM’ | ‘UH’ | 1 | - | Next-level Data Frame Serial Number | 4) | a-c |
| 14 | ‘NXST’ | ‘OFST’ | ‘LG’ | 1 | - | Offset to Next-level Data Frame | 4) | a-c |
| 15 | ‘DSRA’ | ‘ACTN’ | ‘SG’ | 1 | - | Search Operation Definition | 5) | a-c |
| 16 | ‘CTGY’ | ‘NORM’ | ‘UW’ | 1 | - | Type Code | | a |
| 17 | ‘CTG2’ | ‘NORM’ | ‘UW’ | 1 | - | Type Code 2 | | c |
| 18 | ‘VOID’ | ‘NORM’ | ‘UL’ | 1 | - | Voice ID | 6) | a-c |

| No. | Usage | Description type | Description type declaration | Number of data items | Additional information | Comment | Remarks | Classifi-cation |
|---|---|---|---|---|---|---|---|---|
| 19 | ‘NAME’ | ‘VRBL’ | ‘MC’ | ‘UB’ | - | Name (Representation Name) | 7) | a |

1) Jump tables are created in units of major category code groups.

2) This field describes a single alphabetical character (complying with ISO-8859) as a character search key.

3) The top menu priority is defined, depending on the system.

   The function specifications separately issued for the system must be followed.

4) If the option is in the last level, do not provide the data fields corresponding to items 12 to 14.

   When classifications as for restaurants are arranged in a hierarchical manner, the fields are not provided.

5) This field describes the function to execute the corresponding mesh search by the signature:

   ‘SDME’: A search mesh is a search target. (Q-POI: General genre)
   ‘SDW1’‘SDW2’,‘SDW3’ - ‘SDW ?’: A wide-area search mesh ? is a search target. (Emergency Q –POI)

6) This field describes the corresponding voice ID.

   Specify a separately defined voice ID for the voice guidance to be performed if selected by the user.

7) This field describes the name with ’MC’ of multilingual representation.

   If this field is not defined (for all languages), the corresponding name is obtained from the genre name frame according to the type code (smaller ’CTGY’).

Note: This example can be configured with two or more categories.

### 11.A.2.9.1.4. Category Data Frame

name [Q-POI Genre Search Category Data Frame]

| No. | offset | Data length | Data type | Item name | Remarks | Classification |
|---|---|---|---|---|---|---|
| 1 | O1 | B1 | | First-level Category Table of Q-POI Genre Search | | a |
| 2 | O2 | B2 | | A Sequence of Q-POI Genre Search n-level Category Tables | | c |

### 11.A.2.9.1.4.1. Category Table

name [Q-POI Genre Search Category Table]

| No. | offset | Data length | Data type | Item name | Remarks | Classification |
|---|---|---|---|---|---|---|
| 1 | 0 | 4 | | Q-POI Genre Search Category Parent Record | | a |
| 2 | 4 | B2 | | A Sequence of Q-POI Genre Search Category Option(child) Records | | a |

Note: The category tables are placed in order of type code (smaller ’CTGY’). (provisional)

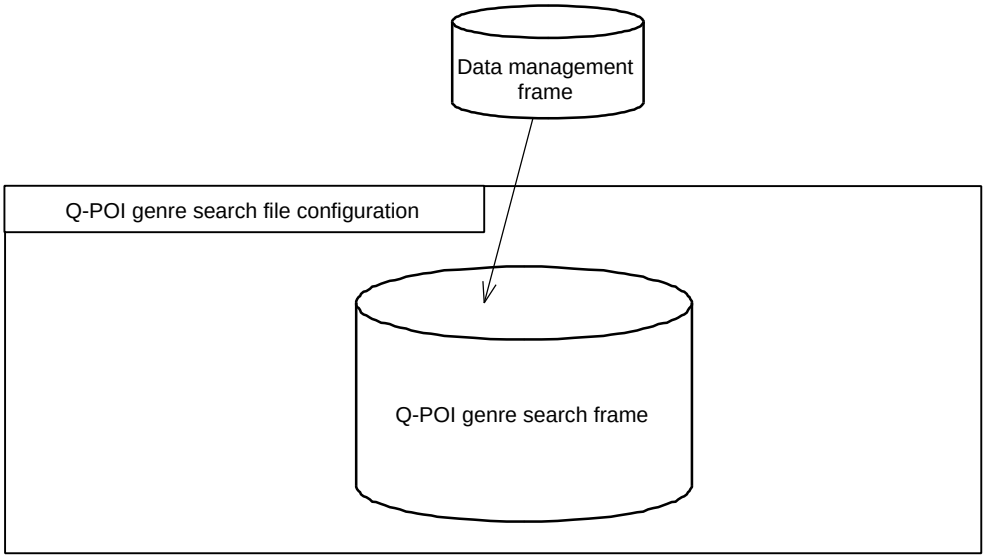
name [Q-POI Genre Search Category Parent Record]

| No. | offset | Data length | Data type | Item name | Remarks | Classification |
|---|---|---|---|---|---|---|
| 1 | 0 | 2 | N | Jump Table Size | | a |
| 2 | 2 | 2 | N;C;CC | Jump Key (#1) | | c |
| 3 | 4 | 4 | D | Offset to Jump Option (#1) | | c |
| 4 | 6 | 2 | N;C;CC | Jump Key (#2) | | c |
| 5 | 8 | 4 | D | Offset to Jump Option (#2) | | c |
| | | | | : | | |
| 6 | O1 | 2 | N;C;CC | Jump Key (#n) | | c |
| 7 | O2 | 4 | D | Offset to Jump Option (#n) | | c |
| 8 | O3 | 4 | D | Offset to the Top of Option Record | | a |
| 9 | O4 | 4 | D | Offset to the End of Option Record | | a |
| 10 | O5 | 4 | N | Number of Option Items (child) | | a |

name [Q-POI Genre Search Category Option(child) Record]

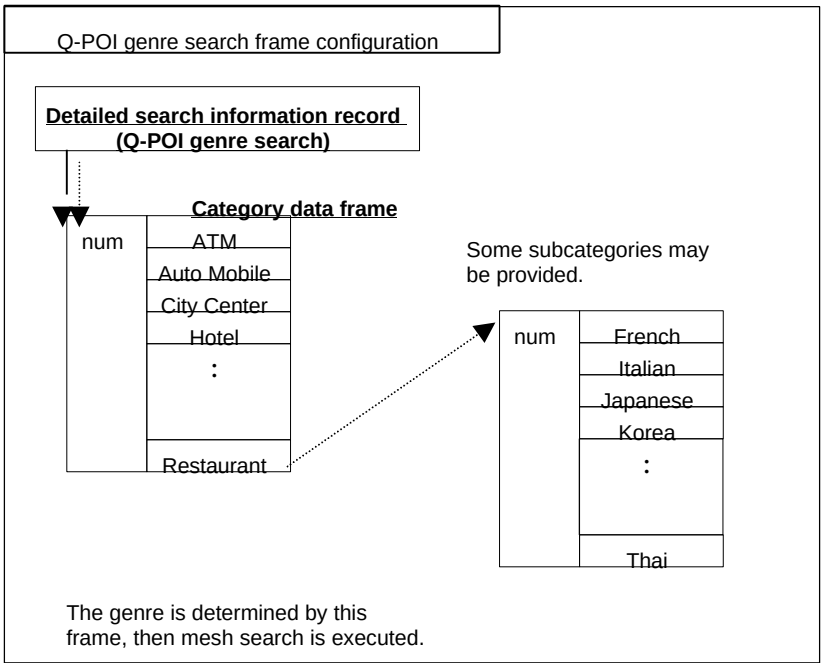
| No. | offset | Data length | Data type | Item name | Remarks | Classification |
|---|---|---|---|---|---|---|
| 1 | 0 | 1 | D | Relation to the Top of the Previous Record<br>Forward Relation from the Top of This Record | | a |
| 2 | 1 | 1 | D | Relation to the Top of the Following Record<br>Backward Relation from the Top of This Record | | a |
| 3 | 2 | 1 | C | Character Search Key | | a |
| 4 | 3 | 1 | N | Top Menu Priority | | a |
| 5 | 4 | 1 | B | Storage Data Flag | | a |
| 6 | 5 | 1/2 | N | Next-level Data Frame Type | | a |
| 7 | 5.5 | 1/2 | N | Next-level Data Frame Number | | a |
| 8 | 6 | 4 | D | Offset to Next-level Data Frame | | a |
| 9 | 10 | 4 | C | Search Operation Definition | | a |
| 10 | 14 | 2 | N | Type Code | | a |
| 11 | 16 | 2 | N | Type Code 2 | | c |
| 12 | O1 | 4 | N | Voice ID | | c |
| 13 | O2 | B1 | N:D,,D:N:C,,<br>N:C | Name (Representation Name) | | a |
| 14 | O3 | 1 | N | Padding Field | | c |

File Configuration of Q-POI Genre Search




**File Configuration of Q-POI Genre Search**

### 11.A.2.9.2. Q-POI Genre Search Frame Configuration




**Q-POI Genre Search Frame Configuration**