

### 11.A.2.2. Zone Selection

This frame is a search frame provided for search zone selection by the user. The frame is not used to call POI information directly. This search frame is set on the system by the user and used to select a search zone the user needs.

On some media which allows just a single-zone handling, this frame is not set.

#### 11.A.2.2.1. Zone-selection Search Frame

##### 11.A.2.2.1.1. 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.2.2.1.1.1. 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 (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 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.2.2.1.2. Detailed Search Information Record

No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	4	C	Data Declaration	'SRSZ'	a
2	4	4	SWS	Expansion Field Size	1)	a
3	8	4	D	Offset to Expansion Field	1)	a
4	12	4	SWS	Size of Category Definition Frames	2)	a
5	16	4	D	Address of Category Definition Frame	3)	a
6	20	4	SWS	Size of Category Data Frame	2)	a
7	24	4	D	Address to Category Data Frame	3)	a
8	28	4	C	Default Keyboard Designation	'KBC1'	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 the 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 the First-level Category	'KBC1'	a
15	56	4	SWS	Size of Matching Data Definition Frame	2)	a
16	60	4	D	Address of Matching Data Definition Frame	3)	a
17	64	4	SWS	Size of Matching Data Frame	2)	a
18	68	4	D	Address of Matching Data Frame	3)	a
19	72	4	SWS	Size of the Records of Matching Data Frame	7)	a
20	76	4	N	Number of the Records of Matching Data Frame	8)	a
21	80	4	N	Default POI Information Serial Number	9)	a
22	84	4	SWS	Size of Next-level Data Frame	10)	a
23	88	4	D	Address of Next-level Data Frame	10)	a
24	92	B1		Character Information Data List for Representation Items	11)	a
25	O1	B2		A Sequence of Additional Frames Address(es)(#1 to #n)	2)	c
26	O2	B3		Expansion Field		c
27	O3	B4		Padding Field		c

Note: Positions of items 25 and 26 are optional in this 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

This field describes a displacement from the top of the detailed search information record to the top of the expansion field as the offset to expansion field. Since this example does not have an expansion field, specify invalid values as 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.

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

Because the record length is variable, specify the maximum record size in the target data frame.

6) Size, Number of Option Items, and Offset, of 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 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 require an matching data frame, specify an invalid value.

8) Total Number of the Records of Matching Data Frame

Since this example does not require an matching data frame, specify an invalid value.

9) Default POI Information Serial Number

Since this example does not directly call the POI information, specify an invalid value 0.

10) Size and Address of Next-level Data Frame

Since this example does not have a next-level search frame, specify an invalid value.

11) Character Information Data List for Representation Items

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

ex) English: "ZONE SELECT"

**11.A.2.2.1.3. Category Data Definition Frame**

No.	Usage	Description type	Description type declaration	Number of data items	Additional information	Comment	Remarks	Classification
1	'DCTF'	'REAL'	-	-	(13)	Definition Field Declaration		a
2	'VDID'	'NORM'	'UL'	1	-	Image Data ID	1)	a
3	'DESL'	'NORM'	'UW'	1		Default Option Number	2)	a
4	'SFTO'	'OFST'	'LG'	1	-	Offset to the Top of Option Record		a
5	'SFBO'	'OFST'	'LG'	1	-	Offset to the End of Option Record		a
6	'SELN'	'NORM'	'LG'	1	-	Number of Option Items		a
7	'DCSF'	'REAL'	-	-	(7)	Option Definition Field Declaration		a
8	'BFRL'	'FDRL'	'UB'	1	-	Relation to the Top of the Previous Record Forward Relation from the Top of the Record		a
9	'NFRL'	'FDRL'	'UB'	1	-	Relation to the Top of the Following Record Backward Relation from the Top of this Record		a
10	'SZCD'	'NORM'	'UB'	1	-	Search Zone Code	3)	a
11	'VDID'	'NORM'	'UL'	1	-	Image Data ID	1)	a
12	'NAME'	'VRBL'	'MC'	'UB'	-	Name (by the specified Notation System)	4)	a
13	'RUBY'	'VRBL'	'MC'	'UB'	-	Ruby	5)	c
14	'TPNM'	'VRBL'	'MC'	'UB'	-	Top Menu Name	6)	a

- 1) These fields describe the ID of the image comprising the area switching screen. The image data ID separately defined should be used.

However, in this specification, an invalid value 0 is assigned to this field.

- 2) This field describes the default area to be selected by the system before the user selects a desired area. The setting should be a option record number (starting with 1).
- 3) This field describes a Search Zone Code (different from the area code).
- 4) This field describes a search zone name with 'MC' of multilingual notation.

5) This field describes a ruby with 'MC' of multilingual representation. (The main usage of ruby would be speech recognition, but details have not yet been determined.)

6) This field describes the top menu name. (Specify an abbreviated area name or the like.)

Note: The category tables are arranged in ascending order of area code.

#### 11.A.2.2.1.4. Category Data Frame

name [Zone Category Data Frame]

No.	Offset	Data length	Data type	Item name	Remarks	Classification
1	0	B1		A Sequence of Zone Category Tables		a

#### 11.A.2.2.1.4.1. Category Table

name [Zone Category Table]

No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	B1		Zone Category Parent Record		a
2	O1	B2		A Sequence of Category Option Records		a

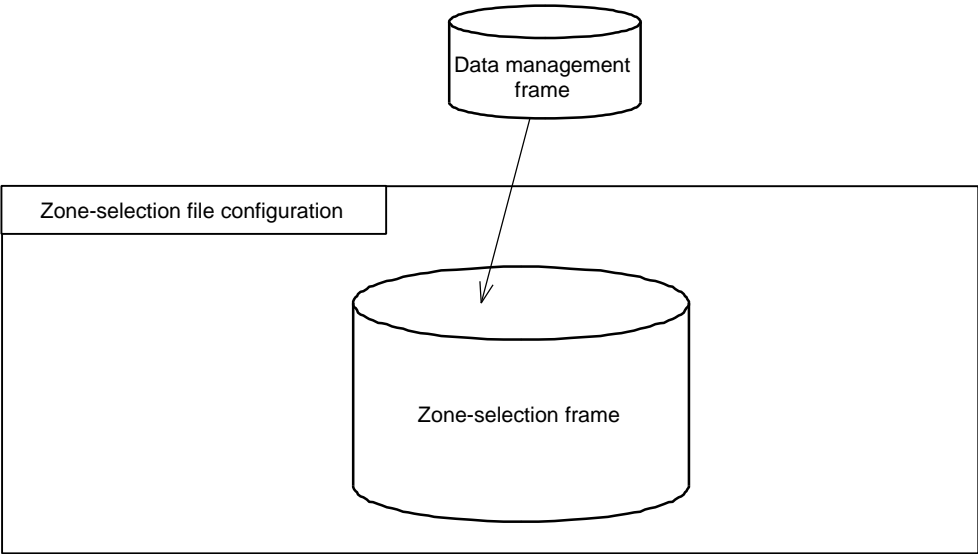
name [Zone Category Parent Record]

No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	4	N	Image Data ID		a
2	4	2	N	Default Option Number		a
3	6	4	D	Offset to the Top of Option Record		a
4	10	4	D	Offset to the End of Option Record		a
5	14	4	N	Number of Option Items		a

name [Zone Category Option Record]

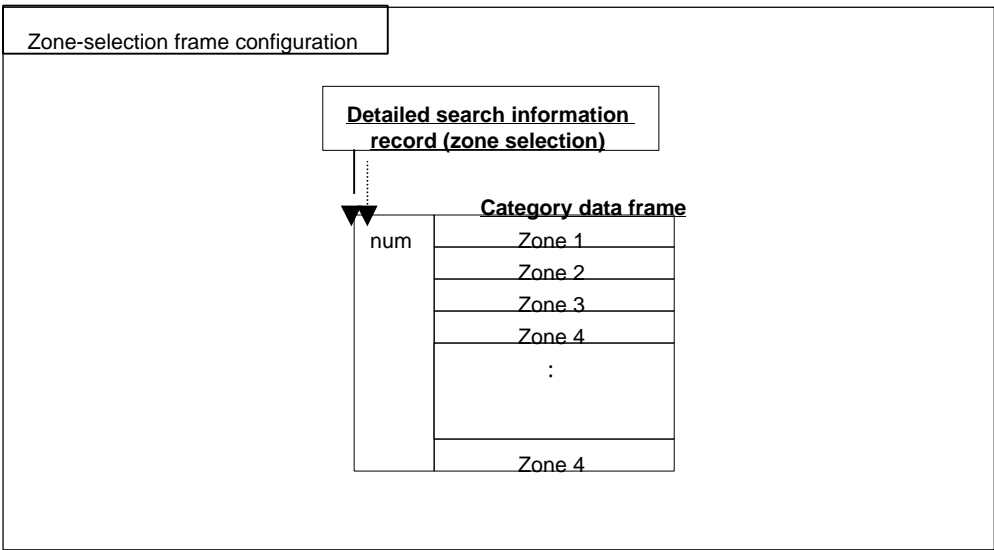
No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	1	N	Relation to the Top of the Previous Record Forward Relation from the Top of this Record		a
2	1	1	N	Relation to the Top of the Following Record Backward Relation from the Top of this Record		a
3	2	4	N	Search Zone Code		a
4	6	4	N	Image Data ID		a
5	10	B1	N:D...D: C...C	Name (Representation Name)		a
6	O1	B2	N:D...D: C...C	Ruby		c
7	O2	B3	N:D...D: C...C	Top Menu Name		c

11.A.2.2.2. Zone Selection File Configuration



Zone-selection File Configuration

11.A.2.2.3. Zone Selection Frame Configuration



Zone-selection Frame Configuration