

## 7.5 Additional Data A/B Frame

Additional data A/B frames are used for nearby searches. Additional data A is assigned to a normal nearby search, and additional data B is assigned to a guidance for a near facility.

To prevent an excess of a data size and avoid extra data by each scale, pointers to real data can be described without directly recording real data into additional data A/B frames.

name [Additional Data A/B Frame and Link to Other Frame]

No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	4	C	Data Declaration	(1)	b
2	4	4	C	Determination Between Real Data Description and Linked Frame Address Description	(2)'LADR'	b
3	8	4	SWS	Data Size	(3)	b
4	12	4		(RESERVED)		b
5	16	48		Linked Address to Other Frame	(4)	b

The description for real data is as follows:

name [Additional Data A/B Frame and Real Data Description]

No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	4	C	Data Declaration	(1)	b
2	4	4	C	Determination Between Real Data Description and Linked Frame Address Description	(2)'REAL'	b
3	8	4	SWS	Data Size	(3) = S	b
4	12	4		(RESERVED)		b
5	16	S		Real Data		b

### 1) Data Declaration

This field describes the purpose or other information about the data using a 4-byte signature.

'SRAR' = 'SeaRch by ARound'      Nearby search (additional data A frame)

'PAGS' = 'Point for Auto Guide Service'      Automatic guidance (additional data B frame)

### 2) Determination Between Real Data Description and Linked Frame Address Description

This field represents whether real data or link address is described in the 16th and later bytes (item 5) using a 4-byte signature.

'LADR' = 'Link ADdRess'      Link address

'REAL' = 'REAL data'      Real data

### 3) Data Size

This field describes the size of the field used for item 5.

## 4) Linked Frame Address

name [Address]

No.	offset	Data length	Data type	Item name	Remarks	Classification
1	0	4	C	Data Declaration (Descriptive Content)		a
2	4	4	D:DSA	Offset or Pointer		a
3	8	40	C	Data Name		a

The content in the data declaration and contents in item 2 and item 3 according to the data declaration are as follows:

- a) Describes Offset ('FNME' = 'File NaME & offset')

Offset that is from the beginning of the item 3 data and described in item 2.

When the offset is specified from the beginning of the identical frame, item 3 is not used. (NULL)

- b) Describes Pointer('PITR' = 'PoInTeR')

Pointer for item 2 (relative address)

Item 3 is not used. (NULL)

The length of description for an address is fixed at 48 bytes. In the case of "b," although there will be redundant space, the fixed length is preferable because of its accessibility. (It requires smaller amount of data to be described than the variable length does.)