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Introduction/Additional information:

This IFM allows a station to interrogate for a specified application within the IAI or DAC branch. This IFM should be returned to the interrogating station only.

IFM 2 should be used by an application to interrogate (using Message 6) another application for the specified functional message.

The application responding to this interrogation should use an addressed binary message to reply.

Permitted as from:

01/01/1998

Message number:

00000102 (max):

TABLE 30

Parameter	Number of bits	Description
Message ID	6	Identifier for Message 6; always 6
Repeat indicator	2	Used by the repeater to indicate how many times a message has been repeated. See § 4.6.1, Annex 2; 0-3; 0 = default; 3 = do not repeat any more
Source ID	30	MMSI number of source station
Sequence number	2	0-3; see § 5.3.1, Annex 2
Destination ID	30	MMSI number of destination station
Retransmit flag	1	Retransmit flag should be set upon retransmission: 0 = no retransmission = default; 1 = retransmitted
Spare	1	Not used. Should be zero
DAC	10	International DAC = $1_{10} = 000000001_2$
FI	6	Function identifier = $2_{10} = 000010_2$

Requested DAC code specified-fms-within-iai-branch	10	Source URL (modified on 29/01/2021 - 23:18): https://www.e-navigation.nl/content/interrogation-iai-rai-or-test
Requested FI code	6	See appropriate FI reference document(s)
Spare bits	64	Not used, should be set to zero, reserved for future use
Total number of bits	168	The resulting Message 6 occupies 1 slot.