

ITC

File	80
Op-Sys	BS2000/OSD
Statement	FIND / PROCESS
Task	Allows the execution of INTERTASK COMMUNICATION macros OPCOM, REVNT, SEVNT, RELBF, CLCOM via logical functions such as OPEN, RECEIVE. This view is available only for single-user mode.

Common Fields for all Operating Systems

Dictionary Field Name	F/L	Mu	DE	Remarks
ERROR-CODE	N3			
ERROR-TEXT	A58			
NODE	N5		D	
NODE-NAME	A16		D	
SYSTEM-MESSAGE-CODE	A10			
SYSTEM-CODE	B2			
FUNCTION	A8		D	
INTER-TASK-COMMUNICATION-NAME	A8		D	
ERASE	A3		D	
MESSAGE-LENGTH	N6		D	
MESSAGE-TEXT	A250		D	
WAIT-TIME	B4		D	
MESSAGE-ARRAY	A250	M / 5	D	

Relevant Error Codes

Code	Text	BS2000/OSD
600	Unknown function.	X
699	Not enough main storage available.	X
735	Logical error using ITC.	X
750	Invalid operand within operand list.	X
752	Message/message length missing.	X
753	ITC name missing.	X
983	MULTI USER MODE not supported by ITC.	X

Field Descriptions

Field Name	Type/Length	Operating System
ERASE	(A3)	

Specifies erasing of message from queue after receipt. Possible values:

Value	Explanation
YES	Default. Erase message.
NO	Retain message.

When the function is CLOSE, specifies whether all waiting messages should be erased YES or NO.

Field Name	Type/Length	Operating System
FUNCTION	(A8)	

Possible values:

Value	Explanation
CLOSE	Delete an ITC.
DELETE	Delete the first message in the queue.
OPEN	Build an ITC.
RECEIVE	Receive message from ITC partner.
SEND	Send message to ITC partner.

Field Name	Type/Length	Operating System
INTER-TASK-COMMUNICATION-NAME	(A8)	

Function-dependent field. Meaning per function:

Function	Meaning
CLOSE	Own ITC name.
OPEN	Own (new) ITC name.
RECEIVE	ITC name of sending ITC partner.
SEND	ITC name of destination.

Field Name	Type/Length	Operating System
MESSAGE-ARRAY	(A250) M5	

Array of max. 5 messages for SEND and RECEIVE functions.

Field Name	Type/Length	Operating System
MESSAGE-LENGTH	(N6)	

Message length for functions SEND and RECEIVE.

Field Name	Type/Length	Operating System
MESSAGE-TEXT	(A250)	

Message text. For messages longer than 250 bytes, use the MESSAGE-ARRAY field.

Field Name	Type/Length	Operating System
WAIT-TIME	(B4)	

Maximum time (in seconds) to wait for a message. Possible values: 0 - 21599. Default is 600.