A Comparison of the EZA interfaces as provided by BSI and IBM/CSI on z/VSE as they relate to the EZA interface on z/OS

Unless otherwize noted, all z/OS options documented in the following IBM manual are implemented by the BSI EZA interfaces:

z/OS Communications Server IP Sockets Application Programming Interface Guide and Reference Version 1 Release 9 Document Number SC31-8788-06

The use of "n/a" indicates that the item is not applicable to the interface as documented by IBM in the above manual.

The z/OS Implementation requires a work area of 104 bytes after every ECB fullword The IBM/VSE Implementation requires a work area of 156 bytes after every ECB fullword. The BSI Implementation requires a work area of 28 bytes after every ECB fullword. Only 12 bytes as of Build 247.

NOTES:

1 The SUBTASK parameter defaults as follows:

Batch VSE Task Indentifier (IJBTIK) converted to display format

CICS CICS Task number

2 The TCPNAME parameter format is 'SOCKETnn' where nn is the TCP/IP stack ID. If TCPNAME is spaces, it will default to 'SOCKETyy' where yy is the extracted from the job SYSPARM value. If the SYSPARM value is not a valid stack ID, 'SOCKET00' will be used. The stack ID can also be supplied left or right justified with space fill.

3 The ADSNAME will default to the VSE syslog ID.

4 The IBM VSE MAXSNO value was originally limited to 256 in CICS and 2000 in batch. Later versions limit it to 8192. Prior to Build 249, the limit for the BSI Implementationwas 4000 with a default value of 64. As of Build 249, the BSI Implementation allows a MAXSNO value of 8192

5 The returned CLIENTID includes the ADSNAME and SUBTASK values specified on the INITAPI function. Review the INITAPI function as to the defaults if not specified. BSI also returns the address of the token in positions 21-24 of the CLIENT structure for EZASOKET calls. This token can then be used by the 'shared socket' option of the CONNECT call (note 6).

6 In addition to the normal use of the CONNECT call, BSI supports a 'shared socket' extension (EZASOKET only). The extension allows multiple tasks within a single partition perform read and writes against the same connected socket. The original task is responsible for the final CLOSE of the socket.

For this function, the NAME_FAMILY must be set to the characters 'SS'. NAME_PORT must be set to the original socket number. The first 4 bytes of NAME_IPADDRESS must be set to the token value returned from the GETCLIENTID call. (See note 5.) Contact BSI support for more information on this extension

7 The returned HOSTENT struction does not return any ALIAS information. Host names can be up to 255 characters

8 By RFC definitions, these calls are only valid for use with the IPv4. If used with an IPv6 stack, there must be a coupled IPv4 stack.

9 By RFC definitions, this call is only valid for use with the IPv4. If used with an IPv6 stack, there must be a coupled IPv4 stack. The value returned will be the IP address of the IPv4 coupled stack

10 As of Build 247, the 'type' of stack is indicated in the second byte of each entry. x'01' indicates an IPv4 stack. x'02' indicates an IPv6 stack, x'03' indicates IBM LFP.

11 Prior to Build 2.47, the SHUTDOWN function worked the same as a CLOSE function call. As of build 2.47, the SHUTDOWN function closes the socket but does not release the socket storage allowing it to be reused for another CONNECT or ACCEPT request as per the z/OS documentation

12 As of Build 249, BSI has implemented a special function to extract the IP address of a local TN3270 terminal. To use this special function, a normal name lookup is preformed (GETADDRINFO or GETHOSTBYNAME) using the luname of the terminal suffixed with 'LUNAME' (example: "T010.LUNAME"). Since GETHOSTBYNAME only supports IPv4 addresses, any GETHOSTBYNAME request for a terminal attached via IPv6 will return and address of 255.255.255.255.

13 BSI has implemented the ASYNC=EXIT in a fasion not compatable with MVS. When the INITAPI ASYNC=EXIT option is present, the routine address specified is used as a WAIT routine. All WAITs within the EZA interface will be passed to the exit routine. When the exit routine is involked, the registers are as follows: R1. - Pointer to the parameter list R13 - Pointer to save area

R14 - Return address

R15 - Address of the Exit routine

Four byte Token from INITAPI EXIT= parameter

Address of wait ecb (if high order bit on) or the Address of a list of wait ecb's (with the last ecb address having it's high order bit on).

Upon return, if R15 is not 0 then ERRNO will be set to 10333

The exit needs to be 'CICS aware'.

The exit is involked with a BASSM so if the routine is 31 bit enabled, then the address passes on the INITAPI call should have the high order bit on.

Function	Option	Suboption	EZASOKET	EZASMI	BSI Implementation Notes	IBM/VSE 2.5+ EZA Implementation	IBM/VSE 4.3+ LFP EZA Implementation
	_						
	S NAME						
	ERRNO						
	RETCODE						
CCEPT			-1-			In	Income
	NS ECB		n/a			Ignored	Ignored
	ERROR		n/a n/a				
	TASK		n/a n/a				
			n/a				
	S NAME						
	ERRNO						
IND	RETCODE		,				
	ECB		n/a				
	ERROR		n/a				
	TASK		n/a				
	CALAREA		n/a				
	ECB		n/a				
ANCEL	ERRNO		n/a				
	RETCODE		n/a				
	ERROR		n/a				
	TASK		n/a				
	S						
	ERRNO						
LOSE	RETCODE						
	ECB		n/a				
	ERROR		n/a				
	TASK		n/a				
	S						
	NAME				See note 6		
	ERRNO						
ONNECT	RETCODE						
	ECB		n/a				
	ERROR		n/a				
	TASK		n/a				
	S						
	COMMAND						
	REQARG						
CNTL	ERRNO						
NIL.	RETCODE						
	ECB		n/a				
	ERROR		n/a				
	TASK		n/a				
	ADDRINFO					Function not implemented	Function not implemented
	ERRNO						•
.==	RETCODE						
REEADDRINFO	ECB		n/a				
	ERROR		n/a				
	TASK	1	n/a	1			

	NODE					Function not implemented	Function not implemented
	NODELEN						
	SERVICE				Supported (build 2.49)		
	SERVLEN HINTS				Supported (build 2.49)		
	HINTS	PASSIVE			Supported (build 2.49)		
		CANONNAMEOK			Not Supported		
		NUMERICHOST			Supported (build 2.48)		
GETADDRINFO		NUMERICSERV			Supported (build 2.49)		
		V4MAPPED			Supported (build 2.48)		
	RES	ADDRCONFIG			Not Supported		
	CANNLEN						
	ERRNO						
	RETCODE						
	ECB		n/a				
	ERROR		n/a				
	TASK NAME		n/a			Function not implemented	Function not implemented
	NAMELEN					T direction not implemented	T under not implemented
	HOST						
	HOSTLEN						
	SERVICE				Not Supported		
	SERVLEN				Not Supported		
	FLAGS	DGRAM			Not Supported		
05711411511150		NAMEREQD			ног опролог		
GETNAMEINFO		NOFQDN			Not Supported		
		NUMERICHOST			Not Supported		
		NUMERICSCOPE			Not Supported		
	EDDNO	NUMERICSERV			Not Supported		
	ERRNO RETCODE						
	ECB		n/a				
	ERROR		n/a				
	TASK		n/a				
	CLIENT				See note 5	Different Defaults	Different Defaults
	ERRNO RETCODE		 				
GETCLIENTID	ECB		n/a				
	ERROR		n/a			†	
	TASK		n/a				
	HOSTADR				See note 8		
	HOSTENT				See note 7	Limited - See VSE doc	
GETHOSTBYADDR	RETCODE		-1-				
	ERROR TASK		n/a n/a				
	NAMELEN		11/4		See note 8		
	NAME						
GETHOSTBYNAME	HOSTENT				See note 7	Limited - See VSE doc	
	RETCODE		,				
	ERROR TASK		n/a				
	RETCODE		n/a		See note 9		Returns the configures IP address
0571100715	ECB		n/a		occ note y		returns the configures in address
GETHOSTID	ERROR		n/a				
	TASK		n/a				
	NAMELEN NAME				A.E. 11 (400.1 4 1111 4 1	1: 1: 041 1	
	ERRNO				A limit of 128 bytes will be returned.	Limited to 64 bytes	
GETHOSTNAME	RETCODE						
0211100111711112	ECB		n/a				
	ERROR		n/a				
	TASK		n/a				
	COMMAND		n/a			Function not implemented	
1		1	n/a n/a		Returns only BSI stacks prior to build 2.48		Returns all stacks from all vendors
	DUE		II/a				
GETIBMOPT	BUF				See note 10		
GETIBMOPT	ERRNO		n/a		See note 10		
GETIBMOPT	ERRNO RETCODE		n/a n/a		See note 10		
GETIBMOPT	ERRNO		n/a		See note 10		
GETIBMOPT	ERRNO RETCODE ERROR TASK S		n/a n/a n/a		See note 10		
GEТІВМОРТ	ERRNO RETCODE ERROR TASK S NAME		n/a n/a n/a		See note 10		
	ERRNO RETCODE ERROR TASK S NAME ERRNO		n/a n/a n/a		See note 10		
GETIBMOPT	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE		n/a n/a n/a n/a n/a		See note 10		
	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ERROR		n/a n/a n/a n/a n/a n/a		See note 10		
	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECB ERROR TASK		n/a n/a n/a n/a n/a n/a		See note 10		
	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECROR TASK S		n/a n/a n/a n/a n/a n/a		See note 10		
	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECRROR TASK S NAME		n/a n/a n/a n/a n/a n/a		See note 10		
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECB ECROR TASK S NAME ERRNOR TASK S NAME ERRNOR		n/a n/a n/a n/a n/a n/a		See note 10		
	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECB ERROR TASK S NAME ERRNO TASK S NAME ERRNO RETCODE		n/a n/a n/a n/a n/a n/a		See note 10		
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ERROR TASK S NAME ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ERRNO RETCODE ECB ERRNO		n/a n/a n/a n/a n/a n/a n/a n/a n/a		See note 10		
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ERROR TASK S NAME ECCB ERROR TASK S NAME ERRNO RETCODE ECRNO RETCODE ECRNO RETCODE ECRROR TASK TASK S NAME		n/a		See note 10		
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ERROR TASK S NAME ERRNO RETCODE ECB ERROR TASK S S NAME ERRNO RETCODE ECB ERROR TASK S S S S S S S S S S S S S S S S S S		n/a n/a n/a n/a n/a n/a n/a n/a n/a		See note 10		
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECRNO RATOR TASK S NAME ERRNO TASK S NAME ERRNO RETCODE ECB ECRNO TASK S NAME ERRNO RETCODE ECB ECRNO TASK S OPTNAME	So reuseadd	n/a n/a n/a n/a n/a n/a n/a n/a n/a			Sunnorted	Sunnorled
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECROR TASK S NAME ERRNO RETCODE ECROR TASK S NAME ERROR TASK S OPTNAME	so_reuseadd so_keepalive	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported	Supported Supported	Supported Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECROR TASK S NAME ERRNO RETCODE ECROR TASK S NAME ERRNO RETCODE ECROR TASK S OPTNAME	so_keepalive so_linger	n/a n/a n/a n/a n/a n/a n/a n/a n/a			Supported Supported Supported	Supported Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERROD RETCODE ECRO ECRO TASK S NAME ECRO ECRO TASK S NAME S COPTNAME	so_keepalive so_linger so_rcvbuf	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported Supported Supported Supported	Supported Supported	Supported Supported Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECRNO RETCODE ECB ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ERROR TASK S OPTNAME	so_keepalive so_linger so_rcvbuf so_sndbuf	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported Supported Supported Supported Supported	Supported Supported Not Supported	Supported Supported Supported Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ERROR TASK S NAME EFRNO RETCODE ECB ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S OPTNAME	so_keepalive so_linger so_rcvbuf so_sndbuf so_error	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported Supported Supported Supported Supported Supported Supported	Supported Supported Not Supported Not Supported	Supported Supported Supported Supported Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRODE ECRO RETCODE ECROR TASK S NAME ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S OPTNAME	so_keepalive so_linger so_rcvbuf so_sndbuf so_error so_type	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported Supported Supported Supported Supported Supported Supported Supported	Supported Supported Not Supported Not Supported Not Supported Not Supported	Supported Supported Supported Supported Supported Supported Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECRNO TASK S NAME ERRNO TASK S OPTNAME	so_keepalive so_linger so_rcvbuf so_sndbuf so_error so_type so_v6_only	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECRNO RETCODE ECRNO TASK S NAME ERRNO RETCODE ECROR TASK S OPTNAME	so_keepalive so_linger so_rcvbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported Not Supported Not Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRON RETCODE ECRO ECROP TASK S NAME ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S OPTNAME	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported Not Supported Not Supported Not Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECRNO RETCODE ECRNO TASK S NAME ERRNO TASK S OPTNAME	so_keepalive so_linger so_rcvbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported Not Supported Not Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ERROR TASK S NAME EFRNO RETCODE ECB ERROR TASK S NAME ERROR TASK S OPTNAME OPTVAL	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported Not Supported Not Supported Not Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S OPTIVAL OPTIVAL	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported Not Supported Not Supported Not Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ECRNO RETCODE ECB ERROR TASK S NAME ERRNO RETCODE ECROR TASK S OPTIVAL OPTILEN ERRNO OPTIVAL OPTILEN ERRNO	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported Not Supported Not Supported Not Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ERRNO RETCODE ECR TASK S NAME ERRNO TASK S OPTNAME OPTNAME	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a n/a n/a n/a n/a n/a n/a n/a n/a		Supported Not Supported Not Supported Not Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRON RETCODE ECRON OPTIVAL OPTIEN OPTIEN ERRNO RETCODE ECB ERRNO RETCODE ECB ECRON RETCODE	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a		Supported Not Supported Not Supported Not Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S OPTIVAL OPTILEN ERRNO OPTUEN ERRNO ERROR TASK S OPTIVAL OPTILEN ERRNO OPTILEN ERRNO ERROR ERROR TASK S OPTIVAL OPTILEN ERROR TASK	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a		Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ERROR TASK S NAME ERRNO RETCODE ECB ERROR TASK S OPTIVAL OPTILEN ERRNO RETCODE ECB ERROR TASK S S	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a		Supported Not Supported Not Supported Not Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S OPTIVAL OPTIV	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a		Supported	Supported Not Supported	Supported
GETSOCKNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ERRNO RETCODE ECROR TASK S NAME ERRNO RETCODE ERROR TASK S OPTNAME OPTVAL OPTLEN ERRNO RETCODE ECB ERROR TASK S OCILIENT ECB ECB ERROR TASK S OPTNAME	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a		Supported	Supported Not Supported	Supported
GETPEERNAME	ERRNO RETCODE ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S OPTIVAL OPTIV	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a		Supported	Supported Not Supported	Supported
GETSOCKNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ERROR TASK S NAME ERRNO RETCODE ECB ECB ECB ECB ECB ECB ECB ECB ECB EC	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a		Supported	Supported Not Supported	Supported
GETPEERNAME GETSOCKNAME GETSOCKOPT GIVESOCKET	ERRNO RETCODE ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S NAME ERROR TASK S OPTIVAL OPTIV	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a		Supported Could 2.47) Not Supported	Supported Not Supported	Supported
GETSOCKNAME	ERRNO RETCODE ERROR TASK S NAME ERRNO RETCODE ECB ERROR TASK S NAME ERRNO RETCODE ECB ECB ECB ECB ECB ECB ECB ECB ECB EC	so_keepalive so_linger so_revbuf so_sndbuf so_error so_type so_v6_only so_debug so_broadcast so_oobinline	n/a	IGNORED	Supported	Supported Not Supported	Supported

	MAXSOC SUBTASK				See note 4 See note 1	Different - See VSE doc	
	IDENT						
		TCPNAME ADSNAME			See note 2	Ignored prior to zVSE 4.2	
	MAXSNO	ADSNAME			See note 3 See note 4	Interface name as of zVSE 4.1 Different - See VSE doc	
	ERRNO						
INITAPI	RETCODE APITYPE	1	n/a	Not Supported			
	, u 11111 L	2	n/a	rtot oupportou			
	UEEXIT	3	n/a	Not Cupported	VSE has no equivalent quatem consider	Not Supported	Not Supported
	ASYNC		n/a n/a	Not Supported	VSE has no equivalent system service ASYNC=EXIT See note 13	Not Supported Not Supported	Not Supported Not Supported
	ERROR		n/a				
	TASK S		n/a				
	COMMAND						
		fionbio				Net Conserved	Company
	REQARG	fionread				Not Supported	Supported FIONBIO, FIONREAD
IOCTL	RETARG						
	ERRNO RETCODE						
	ECB		n/a				
	ERROR		n/a				
	TASK S		n/a		Non-UDP connections require Bind first	Requires BIND first	Requires BIND first
	BACKLOG		Ignored	Ignored	Always set to 5 by stack	- 1	
LISTEN	ERRNO RETCODE						
LISTEN	ECB		n/a				
	ERROR		n/a				
	TASK AF		n/a			Function not implemented	ASM CONTROL SOCKET only
	SRCADDR					r anotton not impromottou	Tom Control Control
	DSTADDR DSTLEN						
NTOP	DSTLEN ERRNO						
	RETCODE						
	ECB ERROR		n/a				
	ERROR TASK		n/a n/a				
	AF					Function not implemented	ASM CONTROL SOCKET only
	SRCADDR SRCLEN						
	DSTADDR						
PTON	ERRNO						
	RETCODE ECB		n/a				
	ERROR		n/a				
	TASK		n/a				
	NBYTE						
	BUF						
READ	ERRNO RETCODE						
112.12	ALET		n/a	Not Supported		Not Supported	Not Supported
	ECB		n/a				
	ERROR TASK		n/a n/a				
	S					Function implemented as of z/VSE 4.2	
	IOVCNT				Alets are not supported	Alets are not supported	Alets are not supported
DEADY	ERRNO					Up to120 vectors	
READV	RETCODE						
	ECB		n/a				
1	FRROR		n/a				
	ERROR TASK		n/a n/a				
	TASK S					AN S	
	ERROR TASK S FLAGS	msa oob	n/a	Not Supported	Not Allowed	All flags must be off Not Supported	Not Supported
	TASK S FLAGS	msg_oob msg_peek	n/a	Not Supported		Not Supported Not Supported	Not Supported Not Supported
	TASK S FLAGS		n/a	Not Supported	Not Allowed Not Supported	Not Supported	Not Supported Not Supported Supported
RECV	TASK S FLAGS NBYTE BUF	msg_peek	n/a	Not Supported		Not Supported Not Supported	Not Supported
RECV	TASK S FLAGS NBYTE BUF ERRNO	msg_peek	n/a	Not Supported		Not Supported Not Supported	Not Supported
RECV	TASK S FLAGS NBYTE BUF ERRNO RETCODE	msg_peek	n/a Not Supported			Not Supported Not Supported Not Supported	Not Supported Supported
RECV	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB	msg_peek	n/a Not Supported n/a n/a n/a	Not Supported Not Supported		Not Supported Not Supported	Not Supported
RECV	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ECB ECRROR	msg_peek	n/a Not Supported n/a n/a n/a n/a			Not Supported Not Supported Not Supported	Not Supported Supported
RECV	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S	msg_peek	n/a Not Supported n/a n/a n/a			Not Supported Not Supported Not Supported Not Supported	Not Supported Supported
RECV	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ECB ECRROR	msg_peek msg_trunc	n/a Not Supported n/a n/a n/a n/a n/a	Not Supported	Not Supported	Not Supported Not Supported Not Supported Not Supported All flags must be off	Not Supported Supported Not Supported
RECV	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S	msg_peek msg_trunc msg_oob	n/a Not Supported n/a n/a n/a n/a n/a		Not Supported	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported	Not Supported Not Supported Not Supported
RECV	TASK S S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS	msg_peek msg_trunc	n/a Not Supported n/a n/a n/a n/a n/a	Not Supported	Not Supported	Not Supported Not Supported Not Supported Not Supported All flags must be off	Not Supported Supported Not Supported
	TASK S S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a	Not Supported	Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported
RECV	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NNAME	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a	Not Supported	Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported
	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a	Not Supported	Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported
	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a Not Supported	Not Supported Not Supported	Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported Supported Supported
	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERRNO TASK S FLAGS NBYTE BUF NAME ERRNO RETCODE ALET ECB ALET ECB ALET ECB ALET ECB ALET ECB ALET ECB BUF NAME ERRNO RETCODE ALET ECB ALET ECB ECB ECB ECB BUF NAME ECB ERRNO RETCODE ALET ECB ECB	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported	Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported
	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO RETCODE ALET ECB ERROR TASK S FLAGS	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported Supported Supported
	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF ERROR TASK S FLAGS NBYTE BUF ERROR TASK AMME ERRNO RETCODE ALET ECB ERROR TASK	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported Function not implemented	Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported Supported Supported
RECVFROM	TASK S FLAGS NBYTE BUF RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO RETCODE ALET ECB ERROR TASK MAME ERROR TASK MAMSOC	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported	Not Supported Not Supported
RECVFROM	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO ALET ECB ERROR TASK MAKSOC TIMEOUT	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported Function not implemented	Not Supported
RECVFROM	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERRNO TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERRNO TASK S FLAGS MAYE BUF NAME ERRNO RETCODE ALET ECB ERRNO RETCODE ALET TASK MAYSOC TIMEOUT RSNDMSK RRETMSK	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported Function not implemented	Not Supported
RECVFROM	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF ERROR TASK S FLAGS NBYTE BUF ERROR TASK MAME ERRNO RETCODE ALET ECB BUF MAME ERRNO MAME ERRNO TASK MASOC TIMEOUT RENDMSK RRETMSK MASOC RRETMIMEOUT RENDMSK RRETMSK	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported Function not implemented	Not Supported
RECVFROM	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO RETCODE ALET ECB ERROR TASK S TASK S TASK S TASK S TASK S TASK S TASK WAND TASK MAXSOC TIMEOUT RINDMISK WISHDMISK WISHDMISK WISHDMISK	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported Function not implemented	Not Supported
RECVFROM	TASK S FLAGS FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO RETCODE ALET ECB TASK S FLAGS MAYOUT RETCODE ALET ECB TASK WAME ERRNO RETCODE ALET ECB MAYOUT RETCODE ALET ECB MAYOUT RETCODE ALET ECB MAYOUT RETCODE ALET ECB MAYOUT RETCODE ALET ERRON MAYOUT MAY	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported Function not implemented	Not Supported
RECVFROM	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO ALET ECB ERROR TASK S FLAGS MAME ERROR TASK WHETMSK ESMOMSK WRETMSK WRETMSK ERRINGK ERRING ERRNOR TASK WRETMSK ERRINGK ERRING	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported Function not implemented	Not Supported
RECVFROM	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERRNO RETCODE ALET ECB ERRNO RETCODE ALET ECB ERRNO RETCODE ALET ECB ERRNO RETCODE ALET BUF NAME ERRNO RETCODE ALET ECB ERRNO RETCODE ALET ECB ERRNO RETCODE ALET ECB ERRNO RETCODE ERRNO MAXSOC TIMEOUT RSNDMSK WSNDMSK WSNDMSK WSNDMSK ESHMSK ESHMSK ERRTMSK ERRNO ERRNO RETCODE	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported Function not implemented	Not Supported
RECVFROM	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO RETCODE ALET ECR ERROR TASK WAET ERROR TASK MAXOC TIMEOUT RSNDMSK RRETMSK ERRINO RESNDMSK RRETMSK ERROR TASK WRETMSK ERROR E	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Function not implemented	Not Supported
RECVFROM	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECS ERRNO RETCODE ERRNO MAXSOC TIMEOUT RSNDMSK WSNDMSK WSNDMSK WSNDMSK ESRINO RETCODE ERRNO RETC	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented See note 4	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported	Not Supported
RECVFROM	TASK S FLAGS FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NBYTE BUF NBYTE BUF NAME ERRNO RETCODE ALET ECB ERROR TASK S FLAGS MAYSO TASK WRETMSK ERRNO RETCODE ALET ECB ERROR TASK MAYSO TASK WRETMSK ERRNO RETCODE ECB ERROR TASK WRETMSK ERRNO RETCODE ECB ERROR TASK WRETMSK ERRNO RETCODE ECB ERROR ERROR ERROR TASK WRETMSK ERRNO ERROR E	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Function not implemented	Not Supported
RECVFROM	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO RETCODE ALET ECB ERROR TASK S FLAGS MASSOC TIMEOUT RSNDMSK RETRISK ERRINSK ERRINSK ERRETMSK ER	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented See note 4	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported	Not Supported
RECVFROM	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF ERROR TASK S FLAGS NBYTE BUF ERROR TASK ASK S FLAGS NBYTE BUF ERROR TASK S FLAGS NBYTE BUF ERROR TASK WETT TASK MAXSOC TIMEOUT RIMEOUT RETCODE ECB ERROR TASK ERTIMSK ERRIMSK ERRIMSK ERROR TASK WRETMSK ERROR TASK ERROR TASK WRETMSK ERROR TASK ERROR TASK ERROR TASK ERROR TASK MAXSOC TIMEOUT RIMEOUT RIM	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented See note 4	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported	Not Supported
RECVFROM RECVMSG SELECT	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO RETCODE ALET ECB ERROR TASK MASOC TIMEOUT RSNDMSK RRETMSK ERRODE ECRRO RETCODE ECB ERROR TASK MASOC TIMEOUT RSNDMSK RRETCODE ECB ERROR TASK RETCODE ECB ERROR TASK MASOC TIMEOUT RSNDMSK RRETMSK ERRODE ECRRO RETCODE ECB ERROR TASK MASOC TIMEOUT TASK RETMSK ERRODE ECRROR TASK RETMSK ERRODE ECB ERROR TASK RETMSK ERRODE ERROR TASK RETMSK ERRODE ERROR TASK RETMSK R	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented See note 4	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported	Not Supported
RECVFROM	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECS ERRNO RETCODE ALET ECS ERRNO RETCODE ALET ECS ERRNO RETCODE ALET TASK S FLAGS NBYTE BUF NAME ERRNO RETCODE ALET ECS ERRNO RETCODE ALET ECS ERRNO RETCODE ERRNO TASK MAXSOC TIMEOUT RSNDMSK WSLDMSK ESRNO RETCODE ERRNO RETCO	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented See note 4	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported	Not Supported
RECVFROM RECVMSG SELECT	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF INAME ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF INAME ERRNO INAME ERRNO INAME ERRNO RETCODE ALET ECB ERROR TASK MAXSOC TIMEOUT RSNDMSK ERETMSK ERRETMSK ERRETMSK ERRETMSK ERRETMSK ERRETMSK ERRETMSK ERETMSK ERETMSK ERETMSK ERRETMSK	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented See note 4 See note 4	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported Different - See VSE doc	Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported Supported Supported Supported
RECVFROM RECVMSG SELECT	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERRNO RETCODE ECB ERRNO ECB ERRNO MAXSO TIMEOUT RSNDMSK ERETMSK ERNDMSK ERETMSK	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented See note 4	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported	Not Supported
RECVFROM RECVMSG SELECT	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S FLAGS NBYTE BUF ERROR TASK S FLAGS NBYTE BUF ECB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO RETCODE ALET ECCB ERROR TASK S FLAGS NBYTE BUF NAME ERRNO RETCODE ECB ERROR TASK MAXSOC TIMEOUT RSNDMSK ERETMSK ERRODE ECGB ERROR TASK WRETMSK ERRODE ECGB ERROR TASK WSNDMSK WRETMSK ERRODE ECGB ERROR TASK WSNDMSK WRETMSK ESNDMSK ERETMSK ESSNDMSK ERETMSK ESSNDMSK ERETMSK ESSNDMSK ERETMSK ESSNDMSK ERETMSK ESSLEGB ERRNO ERETMODE ERROR	msg_peek msg_trunc msg_cob msg_peek	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented See note 4 See note 4	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported Different - See VSE doc	Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported Supported Supported Supported
RECVFROM RECVMSG SELECT	TASK S FLAGS NBYTE BUF ERRNO RETCODE ALET ECB ERRNO RETCODE ECB ERRNO ECB ERRNO MAXSO TIMEOUT RSNDMSK ERETMSK ERNDMSK ERETMSK	msg_peek msg_trunc msg_oob msg_peek msg_trunc	n/a Not Supported n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Not Supported Not Supported	Not Supported Not Supported Not Supported Function not implemented See note 4 See note 4	Not Supported Not Supported Not Supported Not Supported Not Supported All flags must be off Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported Different - See VSE doc	Not Supported Not Supported Not Supported Not Supported Not Supported Not Supported Supported Supported Supported

FACISION								
Fig.		S						
Fig.	Ì	FLAGS	1				All flags must be off	All flags must be off
SENDING		12.00	msa ooh	Not Supported	Not Supported			
Bet								Not Supported
SENDING		NDVTE	msg_donitodie	Not Supported	Not Supported		Not Supported	Not Supported
### SETOCKET FIRED								
Part Cook	SEND							
ALE		PETCODE						
SETOMOS				n/o	Not Cupported		Not Cupported	Not Cupported
SERONISCO					Not Supported		Not Supported	Not Supported
MANUAL 190 1								
SEADURGE								
Part		TASK						
March Marc	SENDMSG			n/a		Function not implemented	Function not implemented	Supported
March Marc		S						
BENDTO Market M		FLAGS						
SENDTO SENDTO				Not Supported	Not Supported			Not Supported
### SENDO FILE			msg_dontroute	Not Supported	Not Supported	Ignored	Not Supported	Not Supported
MARIE								
	SENDTO	NAME						
ALET		ERRNO						
ALET		RETCODE						
CG				n/a	Not Supported			
FRECK							Not Supported	Not Supported
TASK								
Secretaria	Ī							
OPTIANE				ıγα				
	Ī		l				1	
Section Supported Not Supported Not Supported Supported	Ī	OI HWAIVIE	so keenaliyo			lanored	lanored	Supported
BESOCKOPT No. Supported	Ī	-						
Section Section Supported Supporte	Ī	-		Not Cup	Not Cup	INOL SCHADIC, AIWAYS OF		
Set Set	Ī	-		INUL Supported	INUL Supported		Not supported	
STOCKOFT Specific Specific	Ī							
SETSOCKOPT So, robul								
Society						L		
OPTIVAL OPTIVAL OPTICAL OPTI	SETSOCKOPT							
OPTEN			so_sndbuf			Not Supported	Not Supported	Supported
SERNO		OPTVAL						
RETCODE								
EGB		ERRNO						
ERROR		RETCODE						
ERROR				n/a				
TASK								
SHUTDOWN								
HOW Not Supported Not Su				11/4		Changed with build 2.47. See note 11		
SHUTDOWN						Orlanged with build 2.47. Occ hote 11	Different - See VSE doc	
1		TIOW	0	Not Supported	Not Supported	Not Supported		
SHUTDOWN FRETODE STATE								
RRNO RETCODE				Not Supported	Not Supported	Not Supported	Not Supported	
RETCODE	SHUTDOWN	EDDNO	2					
ECB		DETCODE						
ERROR				-1-				
TASK								
AF SCCTYPE stream		ERROR						
SOCKET Seean				n/a				
Second Steam Supported (build 2.47) Not Supported Not Supported								
SOCKET								
SOCKET	1	SOCTYPE						
PROTO		SOCTYPE						
ERRNO		SOCTYPE	datagram					
EKRNO			datagram			Supported (build 2.47)	Not Supported	Not Supported
NS	SOCKET	PROTO	datagram			Supported (build 2.47)	Not Supported	Not Supported
NS	SOCKET	PROTO ERRNO	datagram			Supported (build 2.47)	Not Supported	Not Supported
ECB	SOCKET	PROTO ERRNO	datagram			Supported (build 2.47)	Not Supported	Not Supported
ERROR	SOCKET	PROTO ERRNO RETCODE	datagram	n/a		Supported (build 2.47)		
TASK	SOCKET	PROTO ERRNO RETCODE NS	datagram			Supported (build 2.47)		
SOCRECY Can only take from another BSI EZA client Can only take from another LFP client	SOCKET	PROTO ERRNO RETCODE NS ECB	datagram	n/a		Supported (build 2.47)		
CLIENT ERRNO	SOCKET	PROTO ERRNO RETCODE NS ECB ERROR	datagram	n/a n/a		Supported (build 2.47)		
TAKESOCKET RETCODE NS	SOCKET	PROTO ERRNO RETCODE NS ECB ERROR	datagram	n/a n/a			Ignored	Ignored
RETCODE	SOCKET	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV	datagram	n/a n/a			Ignored	Ignored
NS	SOCKET	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT	datagram	n/a n/a			Ignored	Ignored
ECB		PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO	datagram	n/a n/a			Ignored	Ignored
ERROR		PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE	datagram	n/a n/a n/a			Ignored Can only take from another IBM client	Ignored Can only take from another LFP client
TASK		PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS	datagram	n/a n/a n/a n/a			Ignored Can only take from another IBM client	Ignored Can only take from another LFP client
TASK		PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB	datagram	n/a n/a n/a n/a n/a n/a			Ignored Can only take from another IBM client	Ignored Can only take from another LFP client
TASK		PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR	datagram	n/a n/a n/a n/a n/a n/a n/a			Ignored Can only take from another IBM client	Ignored Can only take from another LFP client
S	TAKESOCKET	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR	datagram	n/a n/a n/a n/a n/a n/a n/a n/a			Ignored Can only take from another IBM client	Ignored Can only take from another LFP client
NBYTE	TAKESOCKET	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK	datagram	n/a			Ignored Can only take from another IBM client	Ignored Can only take from another LFP client
### Page	TAKESOCKET	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK	datagram	n/a			Ignored Can only take from another IBM client	Ignored Can only take from another LFP client
ERRNO	TAKESOCKET	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ECB ECROR TASK SOCRECV TASK SOCRECV SOCREC SOCRE	datagram	n/a			Ignored Can only take from another IBM client	Ignored Can only take from another LFP client
RETCODE	TAKESOCKET	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK TASK NS TASK S NBYTE	datagram	n/a			Ignored Can only take from another IBM client	Ignored Can only take from another LFP client
ALET	TAKESOCKET	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK SOCRECV TASK SOCRECV TASK SOCRECV TASK ECB ERROR TASK SOCRECV T	datagram	n/a			Ignored Can only take from another IBM client	Ignored Can only take from another LFP client
ECB	TAKESOCKET TASK TERMAPI	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK S TASK S TASK S NBYTE BUF ERRNO	datagram	n/a			Ignored Can only take from another IBM client	Ignored Can only take from another LFP client
ERROR	TAKESOCKET TASK TERMAPI	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK TASK S NBYTE BUF ERRNO RETCODE	datagram	n/a			Ignored Can only take from another IBM client Ignored	Ignored Can only take from another LFP client Ignored
TASK	TAKESOCKET TASK TERMAPI	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK TASK SOMBYTE BUF ERRNO RETCODE NS AND TASK S NBYTE BUF ERRNO RETCODE AND	datagram	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Not Supported		Ignored Can only take from another IBM client Ignored	Ignored Can only take from another LFP client Ignored
TASK	TAKESOCKET TASK TERMAPI	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK TASK TASK S NBYTE BUF ERRNO RETCODE ALET ECB	datagram	n/a	Not Supported		Ignored Can only take from another IBM client Ignored	Ignored Can only take from another LFP client Ignored
S	TAKESOCKET TASK TERMAPI	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECY CLIENT ERRNO RETCODE NS ECB ECB ERROR TASK SOMEON TASK SOMEON RETCODE NS ECB ERROR TASK SOMEON TASK TASK SOMEON TASK TASK SOMEON TASK TASK TASK TASK TASK TASK TASK	datagram	n/a	Not Supported		Ignored Can only take from another IBM client Ignored	Ignored Can only take from another LFP client Ignored
IOV	TAKESOCKET TASK TERMAPI	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECY CLIENT ERRNO RETCODE NS ECB ECB ERROR TASK SOMEON TASK SOMEON RETCODE NS ECB ERROR TASK SOMEON TASK TASK SOMEON TASK TASK SOMEON TASK TASK TASK TASK TASK TASK TASK	datagram	n/a	Not Supported		Ignored Can only take from another IBM client Ignored Not Supported	Ignored Can only take from another LFP client Ignored
IOVCNT	TAKESOCKET TASK TERMAPI	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK S TASK S TASK S TASK A TASK S TASK TASK	datagram	n/a	Not Supported		Ignored Can only take from another IBM client Ignored Not Supported	Ignored Can only take from another LFP client Ignored
WRITEV ERRNO	TAKESOCKET TASK TERMAPI	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECY CLIENT ERRNO RETCODE NS ECB ERROR TASK TASK S NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S S NBYTE ERRNO RETCODE ALET ECB ERROR TASK S	datagram	n/a	Not Supported	Can only take from another BSI EZA client	Ignored Can only take from another IBM client Ignored Not Supported Function implemented as of z/VSE 4.2	Ignored Can only take from another LFP client Ignored Not Supported
RETCODE	TAKESOCKET TASK TERMAPI	PROTO ERRINO RETCODE NS ECB ERROR TASK SOGRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK SMATTE TASK SMATTE STAN TASK SMATTE SMATT SMATTE SMATT SMATTE SMATT SMATTE SM	datagram	n/a	Not Supported	Can only take from another BSI EZA client Can only take from another BSI EZA client	Ignored Can only take from another IBM client Ignored Not Supported Function implemented as of z/VSE 4.2 Alets are not supported	Ignored Can only take from another LFP client Ignored Not Supported
ECB	TAKESOCKET TASK TERMAPI WRITE	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK TASK S TASK TASK S TASK TASK	datagram	n/a	Not Supported	Can only take from another BSI EZA client Can only take from another BSI EZA client	Ignored Can only take from another IBM client Ignored Not Supported Function implemented as of z/VSE 4.2 Alets are not supported	Ignored Can only take from another LFP client Ignored Not Supported
ERROR n/a TASK n/a	TAKESOCKET TASK TERMAPI WRITE	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK TASK S NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S INBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S INBYTE ECB INBYTE INBYT INBYTE INBYT	datagram	n/a	Not Supported	Can only take from another BSI EZA client Can only take from another BSI EZA client	Ignored Can only take from another IBM client Ignored Not Supported Function implemented as of z/VSE 4.2 Alets are not supported	Ignored Can only take from another LFP client Ignored Not Supported
TASK n/a	TAKESOCKET TASK TERMAPI WRITE	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK S TO	datagram	n/a	Not Supported	Can only take from another BSI EZA client Can only take from another BSI EZA client	Ignored Can only take from another IBM client Ignored Not Supported Function implemented as of z/VSE 4.2 Alets are not supported	Ignored Can only take from another LFP client Ignored Not Supported
	TAKESOCKET TASK TERMAPI WRITE	PROTO ERRNO RETCODE NS ECB ERROR TASK SOCRECY CLIENT ERRNO RETCODE NS ECB ERROR TASK S NBYTE BUF ERRNO RETCODE ALET ECB ERROR TASK S IOVOIT ECB IOVOIT ERRNO RETCODE RETCODE RETCODE ALET ECB ERROR TASK S IOVOIT ECB ERROR TASK S IOVOIT ERRNO RETCODE RETCODE	datagram	n/a	Not Supported	Can only take from another BSI EZA client Can only take from another BSI EZA client	Ignored Can only take from another IBM client Ignored Not Supported Function implemented as of z/VSE 4.2 Alets are not supported	Ignored Can only take from another LFP client Ignored Not Supported
For questions, comments or corrections, please email Tony Thigpen - tony@vse2pdf.com	TAKESOCKET TASK TERMAPI WRITE	PROTO ERRINO RETCODE NS ECB ERROR TASK SOCRECV CLIENT ERRNO RETCODE NS ECB ERROR TASK SMATTE TASK SMATTE TASK SMATTE STAN TASK SMATTE SMATTE STAN TASK SMATTE SMATTE STAN TASK TASK TASK TASK TASK TASK TASK TASK	datagram raw	n/a	Not Supported	Can only take from another BSI EZA client Can only take from another BSI EZA client	Ignored Can only take from another IBM client Ignored Not Supported Function implemented as of z/VSE 4.2 Alets are not supported	Ignored Can only take from another LFP client Ignored Not Supported