

SYSTEM COMMANDS

Notes: (i) Items in brackets are optional. (ii) WSID: library number and workspace name, or workspace name alone, as required. (iii) See Table 5 for Trouble Report.

FUNCTION	COMMAND		RESPONSE	TROUBLE REPORTS
Terminal Control Commands				
Sign-on designated user and start work session.	)123846	[ :PASSWORD]	Port, time, date, user; system; time, date	1 2 3 4 5 7 8
End a work session.	)OFF	[ :NEWPASSWORD]	Port, time, date, user code; time used	16
End work session and hold dial-up connection.	)OFF HOLD	[ :NEWPASSWORD]	Port, time, date, user code; time used	16
End work session and store active workspace.	)CONTINUE	[ :NEWPASSWORD]	Time, date, Port, time, date, user code; time used	6 16
End work session, store active workspace, and hold dial-up connection.	)CONTINUE HOLD	[ :NEWPASSWORD]	Time, date, Port, time, date, user code; time used	6 16
Communication Commands				
Send message to designated port.	)MSGN	PORT (TEXT)	SENT	15 16
Send message to designated port and lock keyboard for reply.	)MSG	PORT (TEXT)	SENT	15 16
Send message to APL Operator.	)OPRN	(TEXT)	SENT	15 16
Send message to APL Operator and lock keyboard for reply.	)OPR	(TEXT)	SENT	15 16

TABLE 5

1	NUMBER NOT IN SYSTEM	7	WS NOT FOUND	12	NOT SAVED, QUOTA USED UP
2	INCORRECT SIGN-ON	8	WS LOCKED	13	NOT SAVED, THIS WS IS ...
3	ALREADY SIGNED-ON	9	OBJECT NOT FOUND	14	IMPROPER LIBRARY REFERENCE
4	NUMBER IN USE	10	WS FULL	15	MESSAGE LOST
5	NUMBER LOCKED OUT	11	NOT GROUPED, NAME IN USE	16	INCORRECT COMMAND
6	NOT WITH OPEN DEFINITION				

# APL

APL\360 is a conversational time-sharing system based on a mathematical programming language first defined by Kenneth E. Iverson. The language is concise and has a simple syntax. It has a large set of primitive operations which work directly on arrays. The implementation provides a simple immediate-execution mode and a convenient program definition facility. It has fast response, and uses succinct diagnostic messages. It provides the ability to save work between sessions, to create programming packages, and to exchange programs and data between users. Uses of the system include mathematical and statistical calculation, symbol manipulation, and general data processing. It has been used extensively in computer-aided instruction, and in the design of hardware and software.



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