Command	IPAR

PURPOSE   Change, save or list global parameters

PARAMETERS

names	List of names of parameters. Wildcards ("*") are allowed. One-dimensional arrays are supported.
=	Equal sign (optional)
value	Value to be assigned to the global parameter(s)
	This must be a number for a global parameter of type numeric and a character string for a global parameter of type character.
/ APPEND	Additional specification of the /WRITE option: Adds the parameter to the existing dataset.
/COMMENT(c)	Set a text as a comment to a specific global parameter. The comment is listed with the IPAR / LIST command.
/DELETE	Delete the specified global parameter.
/DSN(c)	Specifies the dataset for the /WRITE and /READ options.
/DUMP	Alias for /WRITE option.
/FETCH	Alias for /READ option.
/GRAPH	The list output is written into the current picture.
/LIST	List the values and the comments of the parameters specified.
/NEW	Write the parameter to a new dataset
/NOAPPEND	Alias for /NEW option.
/NOLIST	Suppress any output from the command.
/PATH(c)	Specifies the path for the /WRITE option.
/PROMPT	Prompt the value of the interactive parameter. This option is useful for prompting in an SCOM list.
/READ	Read parameter value from dataset.
/SAVE	Prepare the value of the specified parameter to be written to disk by the next GSAVE command.
/TYPE(c)	Specifies the type of the global parameter, "numeric" or "character". Numeric is DEC FLOAT(6), character is CHAR(40) VAR. If not specified, type numerical is assumed.
/WRITE	Write the parameter, its value and the comment to a dataset.

FUNCTION   Interactive global parameters are variable, whose values can be listed and modified during the SATAN session by command. If the parameter is not defined, the definition is automatically performed in the case the command is entered in the form "IPAR parameter = value".

REMARK   Interactive global parameters may be defined either interactively by the command IPAR or by the macro PARDCL in an analysis program. Two types of global parameters are provided: "numeric" as DEC FLOAT(6) and "character" as CHAR(40) VAR.

For arithmetic operations between interactive global parameters, the command IPOPER is provided. Operations between interactive global parameters and the data of an analyzer one may use the command AOPER.

The global parameters and their values are listed in the "Parameter Window". By double-click on a specific parameters, its value can be modified in a separate window.

EXAMPLE   IPAR T0 = 0.359 / COMMENT(Time shift)

Set or replace the value of the global parameter T0 to 0.359 and set or replace the comment by character string "Time shift". If the parameter does not yet exist, it is created.

IPAR * / LIST

List the values and the comments of all global parameters.

IPAR AX*= 0

Set the values of all global parameters which begin with "AX" to zero.

IPAR Y / PROMPT

After this command, the following line appears on the SATAN command window:

"Enter value of parameter Y:"

IPAR A(10) = 0

Create an array A(1) A(2) … A(10) of global parameters and set the values to zero.

IPAR B(3:5) = 0

Create an array B(3) B(4) B(5) of global parameters and set the value to zero.