1 PURPOSE:

OUTPUT outputs Ocean Format data files on disk to a user-specified device in a user-specified format. The user is permitted to output to Disk (DSK) or user terminal (TTY) in a user-specified format. There are also options to output (1) all or some of the series terms; (2) the Ocean format file header; and/or (3) a quick unformatted output to the user’s terminal screen.

2 EXECUTION:

output (or l-output)

"OUTPUT: (DAT) (TIME)"
"LAST UPDATE: (DATE)"

"OUTPUT DEVICE OPTIONS ARE:"
  1) DISK
  2) FORMATTED OUTPUT TO TERMINAL
  3) QUICK OUTPUT TO TERMINAL – here the program outputs the file header and entire series to the user’s terminal using format (1X,1P5E13.4).

"ENTER OPTION NUMBER (1 THRU 3)"

(If 1 (DISK)
  "DO YOU WISH THE LIST OPTION"
  "ENTER Y OR N"

(If Yes)

Common extension for the output files y/n?
OUTUT

(If Y)

"ENTER EXTENTION"

"ENTER INPUT NAME"

- enter file name; or ($$) to stop file entry.

(If N)

"SERIES INPUT NAME" - enter input file name.

"OUTPUT NAME" - enter output file name.

"ENTER FORTRAN FORMAT STATEMENT FOR OUTPUT; or ($$) for next file."

- enter format including starting and ending parentheses.

For example, $(5(1X,F10.4))$ would produce 5 numbers per line, with a space between each number.

"OUTPUT THE ENTIRE SERIES?"
"ANSWER 'Y' OR 'N'" - enter 'Y' or 'N'.

(If No)

"POSITION BY (1)TERM OR TIME (2)?" - enter '1' or '2'.

(If '1')

"ENTER START AND END POSITIONS FOR OUTPUT SEPARATED BY SPACES" - enter start term number and end term number.

(If '2')

"ENTER START AND END TIMES FOR OUTPUT SEPARATED BY SPACES" - enter start term number and end term number.

"DO YOU WANT TO OUTPUT THE FILE HEADER?"

"ANSWER 'Y' OR 'N'" - enter 'Y' or 'N'

"ENTER INPUT FILE NAME" - enter new filename ($$ to stop)

3 OUTPUT:

The program produces the user-specified (1) ASCII series file on the user’s disk; or (2) series listing on the user’s terminal.