

SPECIFICATION FOR AEROHYDRO OFFSET FILE (.OFE)

File is ASCII. Each record is terminated CHR\$(13)

First record: np, id\$

np = no. of points + station identifiers to follow

id\$ = identifying message, no commas

Rest of file is np records, each with 2 decimal numbers, free format.

Second line: ns, idum

ns = no. of stations

idum = dummy, not used

Rest of the file is ns stations. Each station consists of a "station identifier" record plus npts point records.

Station identifier record: xx(i), npts(i)

x(i) = X-position of station x 100

npts(i) = no. of points in this station.

Point record: zz(i,j), yy(i,j)

zz(i,j) = vertical coord. X 100

yy(i,j) = horiz. Offset x 100

No terminating record is required.

Stations have to be in order of increasing X.

Z is positive upward, Y positive to starboard.

Only one half of a station is represented. (Bilateral symmetry is assumed.)

First and last point in a station must have Y = 0.

Points go around half-station counterclockwise when viewed from astern.

ofespec.doc