

Appendix A
Steering Files of Different Modelling Cases

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/-----
/
/              TELEMAC-2D Version 5.2R0 - MODEL 1
/-----
/
/              FILES
/-----
/
BOUNDARY CONDITIONS FILE      : 'bnd'
GEOMETRY FILE                 : 'geo'
LIQUID BOUNDARIES FILE       : 'liqtidm.txt'
RESULTS FILE                   : './dfsres.slf'
/
/-----
/              GENERAL OPTIONS
/-----
/
TITLE : 'TELEMAC-2D - Definitif - 3'
/
VARIABLES FOR GRAPHIC PRINTOUTS      : 'U,V,S,H,Q,B,M'
TIME STEP                           : 5
NUMBER OF TIME STEPS                 : 51840
GRAPHIC PRINTOUT PERIOD              : 360
LISTING PRINTOUT PERIOD              : 360
/
/-----
/              INITIAL CONDITIONS
/-----
/
INITIAL CONDITIONS              : 'CONSTANT ELEVATION'
INITIAL ELEVATION               : 3.5
/
/-----
/              BOUNDARY CONDITIONS
/-----
/
LAW OF BOTTOM FRICTION          : 2
FRICTION COEFFICIENT           : 65.
PRESCRIBED ELEVATIONS          : 3.5
/
/-----
/              NUMERICAL OPTIONS
/-----
/
TYPE OF ADVECTION              : 1;5
TIDAL FLATS                     : NO /Default
TURBULENCE MODEL               : 1
MASS-BALANCE                   : YES
SOLVER ACCURACY                : 1.E-4 /Default
VELOCITY DIFFUSIVITY           : 1.E-4 /Default
SOLVER                          : 7
SOLVER OPTION                  : 3
MASS-LUMPING ON H              : 1
MASS-LUMPING ON VELOCITY       : 1
MATRIX STORAGE                 : 3
/
&FIN

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/-----
/
/                TELEMAC-2D Version 5.2R0 - MODEL 2
/-----
/
/                FILES
/-----
/
BOUNDARY CONDITIONS FILE          : 'bnd'
GEOMETRY FILE                    : 'geo'
LIQUID BOUNDARIES FILE          : 'liqtidm.txt'
RESULTS FILE                     : './dfmvres.slf'
/
/-----
/
/                GENERAL OPTIONS
/-----
/
TITLE : 'TELEMAC-2D - Definitif - 3'
/
VARIABLES FOR GRAPHIC PRINTOUTS   : 'U,V,S,H,Q,B,M'
TIME STEP                        : 5
NUMBER OF TIME STEPS              : 51840
GRAPHIC PRINTOUT PERIOD           : 360
LISTING PRINTOUT PERIOD           : 360
/
/-----
/
/                INITIAL CONDITIONS
/-----
/
INITIAL CONDITIONS                : 'CONSTANT ELEVATION'
INITIAL ELEVATION                 : 3.5
/
/-----
/
/                BOUNDARY CONDITIONS
/-----
/
LAW OF BOTTOM FRICTION            : 2
FRICTION COEFFICIENT              : 65.
PRESCRIBED ELEVATIONS             : 3.5
/
/-----
/
/                NUMERICAL OPTIONS
/-----
/
TIDAL FLATS                      : NO /Default
TURBULENCE MODEL                  : 1
MASS-BALANCE                      : YES
SOLVER ACCURACY                   : 1.E-3
TYPE OF ADVECTION                 : 1;5
VELOCITY DIFFUSIVITY              : 1.E-3
SOLVER                            : 7
SOLVER OPTION                     : 3
MASS-LUMPING ON H                 : 1
MASS-LUMPING ON VELOCITY          : 1
MATRIX STORAGE                    : 3
/
&FIN

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/-----
/
/                   TELEMAC-2D Version 5.2R0 - MODEL 3
/-----
/
/                   FILES
/-----
/
BOUNDARY CONDITIONS FILE           : 'bnd'
GEOMETRY FILE                     : 'geo'
LIQUID BOUNDARIES FILE           : 'liqtidm.txt'
RESULTS FILE                       : './dfmsres.slf'
/
/-----
/                   GENERAL OPTIONS
/-----
/
TITLE : 'TELEMAC-2D - Definitif - 3'
/
VARIABLES FOR GRAPHIC PRINTOUTS   : 'U,V,S,H,Q,B,M'
TIME STEP                         : 5
NUMBER OF TIME STEPS              : 51840
GRAPHIC PRINTOUT PERIOD           : 360
LISTING PRINTOUT PERIOD           : 360
/
/-----
/                   INITIAL CONDITIONS
/-----
/
INITIAL CONDITIONS                 : 'CONSTANT ELEVATION'
INITIAL ELEVATION                 : 3.5
/
/-----
/                   BOUNDARY CONDITIONS
/-----
/
LAW OF BOTTOM FRICTION             : 2
FRICTION COEFFICIENT              : 65.
PRESCRIBED ELEVATIONS             : 3.5
/
/-----
/                   NUMERICAL OPTIONS
/-----
/
TIDAL FLATS                       : YES
TURBULENCE MODEL                  : 1
MASS-BALANCE                      : YES
SOLVER ACCURACY                   : 1.E-3
TYPE OF ADVECTION                 : 1;5
VELOCITY DIFFUSIVITY              : 1.E-3
SOLVER                             : 7
SOLVER OPTION                     : 3
MASS-LUMPING ON H                 : 1
MASS-LUMPING ON VELOCITY          : 1
MATRIX STORAGE                    : 3
/
&FIN

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/-----
/
/          TELEMAC-2D Version 5.2R0 - IJZER MODEL
/-----
/
/          FILES
/-----
/
BOUNDARY CONDITIONS FILE          : 'bnd'
GEOMETRY FILE                     : 'geo'
LIQUID BOUNDARIES FILE           : 'liqtidm.txt'
RESULTS FILE                      : './dfmsres.slf'
/
/-----
/          GENERAL OPTIONS
/-----
/
TITLE : 'TELEMAC-2D - Definitif - 3'
/
VARIABLES FOR GRAPHIC PRINTOUTS   : 'U,V,S,H,Q,B,M'
TIME STEP                        : 3
NUMBER OF TIME STEPS              : 86400
GRAPHIC PRINTOUT PERIOD           : 600
LISTING PRINTOUT PERIOD           : 600
/
/-----
/          INITIAL CONDITIONS
/-----
/
INITIAL CONDITIONS                : 'CONSTANT ELEVATION'
INITIAL ELEVATION                 : 4.1
/
/-----
/          BOUNDARY CONDITIONS
/-----
/
LAW OF BOTTOM FRICTION            : 2
FRICTION COEFFICIENT             : 65.
PRESCRIBED ELEVATIONS            : 4.1
/
/-----
/          NUMERICAL OPTIONS
/-----
/
TIDAL FLATS                      : YES
OPTION FOR THE TREATMENT OF TIDAL FLATS : 1
TURBULENCE MODEL                 : 1
MASS-BALANCE                     : YES
SOLVER ACCURACY                  : 1.E-3
TYPE OF ADVECTION                : 1;5
VELOCITY DIFFUSIVITY             : 1.E-3
SOLVER                           : 7
SOLVER OPTION                    : 3
MASS-LUMPING ON H                : 1
MASS-LUMPING ON VELOCITY         : 1
MATRIX STORAGE                   : 3
/
&FIN

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