Stbtel

Reference Manual

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Contents

1. Detail list of keywords

1.1 ABSCISSAE OF THE VERTICES OF THE POLYGON TO EXTRACT THE MESH

Type : Real
Dimension : 9
Mnemo SOM
DEFAULT VALUE : 0;0;0;0;0;0;0;0;0
French keyword : ABSCISSES DES SOMMETS DU POLYGONE D'EXTRACTION

When you want to extract a piece of the mesh, this key-word fixes the abscissae of the vertices of a polygon inside of which the mesh will be finally extracted.

Warning:
This polygon should have a convex shape and the coordinates of the vertices be given with an anti clock wise order.

1.2 ABSCISSAE OF THE VERTICES OF THE POLYGON TO REFINE THE MESH

Type : Real
Dimension : 9
Mnemo SOM2
DEFAULT VALUE : 0;0;0;0;0;0;0;0;0
French keyword : ABSCISSES DES SOMMETS DU POLYGONE DE RAFFINEMENT

When you want to refine a piece of the mesh, this key-word fixes the abscissae of the vertices of a polygon inside of which the mesh will be finally refined.

Warning:
This polygon should have a convex shape and the coordinates of the vertices be given with an anti clock wise order.

1.3 BATHYMETRY IN THE UNIVERSAL FILE

Type : Logical
Dimension : 1
Mnemo FONTRI
DEFAULT VALUE : NO
French keyword : BATHYMETRIE DANS LE FICHIER UNIVERSEL

The bathymetry will be read in the mesh file (Trigrid or Fasttabs).

1.4 BIBLIOTHEQUES

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : ”
French keyword : BIBLIOTHEQUES
TODO: WRITE HELP FOR THAT KEYWORD

1.5 BINARY STANDARD

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : ’STD’
French keyword : STANDARD DE BINAIRE
Matches the writing of the GEOMETRY FILE FOR TELEMAC to the binary standard chosen for the latter. It will be selected among the following:

- IBM: IBM binary,
- I3E: HP binary,
- STD: takes by default the binary on the computer with which the user is working. The normal READ and WRITE commands are then used.

1.6 BOTTOM CORRECTION OF TRIGRID

Type : Real
Dimension : 1
Mnemo CORTRI
DEFAULT VALUE : 0.
French keyword : CORRECTION DES FONDS DE TRIGRID
Value to be added at the bottom value read in the Trigrid file

1.7 BOTTOM TOPOGRAPHY FILES

Type : String
Dimension : 5
Mnemo
DEFAULT VALUE : ’;;;;’
French keyword : FICHIERS DES FONDS
Name of the file containing the bathymetric points (to SINUSX standard), to be used, through interpolation, for defining the depth at each point of the mesh.

1.8 BOUNDARY CONDITION IN SERAFIN FORMAT

Type : Logical
Dimension : 1
Mnemo SRF_BND
DEFAULT VALUE : NO
French keyword : CONDITION LIMITE EN FORMAT SERAFIN

Boundary condition file when converting from SERAFIN.

1.9 BOUNDARY CONDITIONS FILE

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : ”
French keyword : FICHIER DES CONDITIONS AUX LIMITES

Name of the file that will contain the boundary conditions being read from the UNIVERSAL FILE, and to be used in TELEMAC-2D computations. (The boundary conditions are defined when preparing the meshes, through colours that are allotted to the nodes of the computation domain boundaries).

1.10 BOUNDARY CONDITIONS IN THE ADDITIONAL FILE

Type : Logical
Dimension : 1
Mnemo ADDFAS
DEFAULT VALUE : NO
French keyword : CONDITIONS LIMITES DANS LE FICHIER ADDITIONNEL

The boundary condition will be read in the additional file (Fasttabs).

1.11 BOUNDARY FILE

Type : String
Dimension : 1
Mnemo LIMFILE
DEFAULT VALUE : ”
French keyword : FICHIER DES CONDITIONS LIMITES

Name of the boundary condition file

1.12 BOUNDARY UNIVERSAL FILE

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : ”
French keyword : FICHIER UNIVERSEL LIMITE

Name of the file created by the mesh generator, and from which STBTEL will work.

1.13 CONVERTER

Type : Logical
Dimension : 1
Mnemo CONVER
DEFAULT VALUE : NO
French keyword : CONVERTISSEUR

Activate the conversion module.

1.14 CUTTING ELEMENTS IN FOUR

Type : Logical
Dimension : 1
Mnemo
DEFAULT VALUE : NO
French keyword : DECOUPAGE DES TRIANGLES EN QUATRE
Cuts every element of the mesh in four homothetic elements by joigning the middle points of each side.

1.15 DEBUG

Type : Logical
Dimension : 1
Mnemo DEBUG
DEFAULT VALUE : NO
French keyword : DEBUG
Activate the debug mode.

1.16 DEFAULT EXECUTABLE

Type : String
Dimension : 1
Mnemo EXEDEF
DEFAULT VALUE : 'builds|PPP|bin|stbtel|MMMVVV.exe'
French keyword : EXECUTABLE PAR DEFAUT
Default executable for STBTEL

1.17 DEFAULT PARALLEL EXECUTABLE

Type : String
Dimension : 1
Mnemo EXEDEFPARA
DEFAULT VALUE : 'builds|PPP|bin|stbtel|MMMVVV.exe'
French keyword : EXECUTABLE PARALLELE PAR DEFAUT
Default parallel executable for STBTEL

1.18 DESCRIPTION OF LIBRARIES

Type : String
Dimension : 6
Mnemo LINKLIBS
DEFAULT VALUE : 'builds|PPP|lib|stbtel|MMMVVV.LLL;
builds|PPP|lib|biefMMMVVV.LLL;
builds|PPP|lib|hermesMMMVVV.LLL;
builds|PPP|lib|damoMMMVVV.LLL;
builds|PPP|lib|parallel|MMMVVV.LLL;
builds|PPP|lib|specialMMMVVV.LLL'
French keyword : DESCRIPTION DES LIBRAIRIES
Description of STBTEL libraries

1.19 DICTIONARY

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : 'stbtel.dico'
French keyword : DICTIONNAIRE
Key word dictionary.

1.20 DRY ELEMENTS ELIMINATION

Type : Logical
Dimension : 1
Mnemo ELISEC
DEFAULT VALUE : NO
French keyword : ELIMINATION DES ELEMENTS SECS
When using a TELEMAC-2D results file, this keyword activates the dry elements elimination.

1.21 DRY LIMIT

Type : Real
Dimension : 1
Mnemo SEUSEC
DEFAULT VALUE : 0.1
French keyword : SEUIL DE SECHERESSE
Limit of water depth value (in meter) under which the node is considered as dry node.

1.22 ELIMINATION OF BACKWARD DEPENDENCIES

Type : Logical
Dimension : 1
Mnemo
DEFAULT VALUE : YES
French keyword : ELIMINATION DES DEPENDANCES ARRIERES
Provides for renumbering of the mesh nodes in order to eliminate the backward dependencies, thereby enabling a forced vectorisation when the TELEMAC 2D computations are made on a CRAY.

Warning:
About 500 nodes is the least number required for activating this option.

1.23 FORTRAN FILE

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : 'DEFAUT'
French keyword : FICHIER FORTRAN
Name of Fortran file to be entered. It is a priori only designed for dimensioning the arrays that are used by STBTEL, but it may contain either modified or user-written subroutines.

1.24 GEOMETRY FILE FOR TELEMAC

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : ”
French keyword : FICHIER DE GEOMETRIE POUR TELEMAC
Name of the file that will contain the mesh data to SELAFIN format, and to be used in TELEMAC-2D computations.

1.25 INPUT FILE

Type : String
Dimension : 1
Mnemo INFILE
DEFAULT VALUE : ”
French keyword : FICHIER D ENTREE
Name of the file to convert.

1.26 INPUT FILE FORMAT

Type : String
Dimension : 1
Mnemo INFMT
DEFAULT VALUE : ’SERAFIN’
French keyword : FORMAT DU FICHIER D ENTREE
Specify input file format

1.27 LIST OF FILES

Type : String
Dimension : 14
Mnemo
DEFAULT VALUE : ’UNIVERSAL FILE;
GEOMETRY FILE FOR TELEMAC;
BOUNDARY CONDITIONS FILE;
MESH ADDITIONAL DATA FILE;
BOTTOM TOPOGRAPHY FILES;
FORTRAN FILE;
STEERING FILE;
DICTIONARY;
INPUT FILE;
OUTPUT FILE;
BOUNDARY FILE;
LOG FILE;
OUTPUT BOUNDARY FILE;
OUTPUT LOG FILE’
French keyword : LISTE DES FICHIERS
File names of the used files

1.28 LOG FILE

Type : String
Dimension : 1
Mnemo LOGFILE
DEFAULT VALUE : ”
French keyword : FICHIER LOG
Name of the complementary file for the UNV format

1.29 MAXIMUM NUMBER OF BATHYMETRIC POINTS

Type : Integer
Dimension : 1
Mnemo NBAT
DEFAULT VALUE : 20000
French keyword : NOMBRE MAXIMUM DE POINTS DE BATHYMETRIE
Designed for dimensioning the array that is used for reading, in the BOTTOM TOPOGRAPHY FILES, the points recorded at the digitizing tablet.

1.30 MESH ADDITIONAL DATA FILE

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : ”
French keyword : FICHIER ADDITIONNEL DU MAILLEUR
Name of the additionql file. The meaning of this file depend on the type of mesh generator.

- Trigrid : containing the connectivity table built (mandatory).
- Fasttabs : boundary condition file built by Fasttabs (optional).

1.31 MESH GENERATOR

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : ’MASTER2’
French keyword : MAILLEUR
Name of the mesh generator used for preparing the UNIVERSAL FILE. It will be selected among the following:

- SUPERTAB6 (version 6 of SUPERTAB mesh generator),
- SUPERTAB4 (version 4 of SUPERTAB mesh generator),
- MASTER2 (version 2 of MASTER-SERIES mesh generator),
- SIMAIL,
- SELAFIN (in order to modify a mesh already used, as for example :
  - to interpolate a new bathymetry
  - to eliminate backward dependencies

  - to cut overstressed triangles),

- TRIGRID,

- FASTTABS.

1.32 MINIMUM DISTANCE AT BOUNDARY

Type : Real
Dimension : 1
Mnemo
DEFAULT VALUE : 0.
French keyword : DISTANCE MINIMALE A LA FRONTIERE

The bathymetric data at the mesh nodes are interpolated. At each mesh node, the plane is cut into 4 quadrants in each of which, among the points recorded at the digitizing tablet, the closest one to the node being considered is searched for.
This node is thenn given a depth corresponding to the mean depth at each of the 4 points previously found, these depths being weighted by the distance to the node.
When searching for the points in the quadrants, however, one shall make sure the boundaries aare not overstepped in order to prevent aberrations from being introduced into the bathymetric data.
The keyword can then be used for specifying the minimum distance to the boundaries below which the recorded points should be ignored.

1.33 MINIMUM DISTANCE BETWEEN TWO POINTS

Type : Real
Dimension : 1
Mnemo EPSI
DEFAULT VALUE : 1.E-5
French keyword : DISTANCE MINIMALE ENTRE DEUX POINTS

Distance (in meters) below which two nodes are considered as identical by STBTEL when the results supplied by the mesh generator are being checked. When two nodes occur at the same place, one of them is eliminated and all the mesh nodes are renumbered.

1.34 NODES RENUMBERING

Type : Logical
Dimension : 1
Mnemo OPTASS
DEFAULT VALUE : NO
French keyword : RENUMEROTATION DES POINTS

Necessary to use the new storage scheme for the matrix.

1.35 NUMBER OF VERTICES OF THE POLYGON TO EXTRACT THE MESH

Type : Integer
Dimension : 1
Mnemo NSOM
DEFAULT VALUE : 0
French keyword : NOMBRE DE SOMMETS DU POLYGONE D'EXTRACTION

When you want to extract a piece of the mesh, this key-word fixes the number of vertices of a

polygon inside of which the mesh will be finally extracted.

Warning:
This polygon should have a convex shape and the coordinates of the vertices be given with an anti clock wise order.

1.36 NUMBER OF VERTICES OF THE POLYGON TO REFINE THE MESH

Type : Integer
Dimension : 1
Mnemo NSOM2
DEFAULT VALUE : 0
French keyword : NOMBRE DE SOMMETS DU POLYGONE DE RAFFINEMENT

When you want to refine a piece of the mesh, this key-word fixes the number of vertices of a polygon inside of which the mesh will be finally refined.

ATTENTION:
This polygon should have a convex shape and the coordinates of the vertices be given with an anti clock wise order.

1.37 ORDINATES OF THE VERTICES OF THE POLYGON TO EXTRACT THE MESH

Type : Real
Dimension : 9
Mnemo SOM
DEFAULT VALUE : 0;0;0;0;0;0;0;0;0
French keyword : ORDONNEES DES SOMMETS DU POLYGONE D'EXTRACTION

When you want to extract a piece of the mesh, this key-word fixes the ordinates of the vertices of a polygon inside of which the mesh will be finally extracted.

Warning:
This polygon should have a convex shape and the coordinates of the vertices be given with an anti clock wise order.

1.38 ORDINATES OF THE VERTICES OF THE POLYGON TO REFINE THE MESH

Type : Real
Dimension : 9
Mnemo SOM2
DEFAULT VALUE : 0;0;0;0;0;0;0;0;0
French keyword : ORDONNEES DES SOMMETS DU POLYGONE DE RAFFINEMENT

When you want to refine a piece of the mesh, this key-word fixes the ordinates of the vertices of a polygon inside of which the mesh will be finally refined.

Warning:
This polygon should have a convex shape and the coordinates of the vertices be given with an anti clock wise order.

1.39 OUTPUT BOUNDARY FILE

Type :	String
Dimension :	1
Mnemo	OUTBNDFILE
DEFAULT VALUE :	”
French keyword :	FICHIER DES CONDITIONS LIMITES EN SORTIE

Name of the boundary file for the converted file

1.40 OUTPUT FILE

Type :	String
Dimension :	1
Mnemo	OUTFILE
DEFAULT VALUE :	”
French keyword :	FICHIER DE SORTIE

Name of the converted file

1.41 OUTPUT FILE FORMAT

Type :	String
Dimension :	1
Mnemo	OUTFMT
DEFAULT VALUE :	’SERAFIN’
French keyword :	FORMAT DU FICHIER DE SORTIE

Specify output file format

1.42 OUTPUT LOG FILE

Type :	String
Dimension :	1
Mnemo	OUTLOGFILE
DEFAULT VALUE :	”
French keyword :	FICHIER LOG EN SORTIE

Name of the complementary file for the converted file

1.43 OVERSTRESSED TRIANGLES CUTTING

Type :	Logical
Dimension :	1
Mnemo	
DEFAULT VALUE :	NO
French keyword :	DECOUPAGE DES TRIANGLES SURCONTRAINTS

An overstressed triangle is one whose three nodes are located along a boundary of the computational domain. The occurrence of such triangles may bring about instabilities in the computations made by TELEMAC 2D. Such problems can be prevented by this option, through the creation of a node at the geometric centres of the overstressed triangles.

1.44 PARALLEL PROCESSORS

Type : Integer
Dimension : 1
Mnemo NCSIZE
DEFAULT VALUE : 0
French keyword : `PROCESSEURS PARALLELES`

Number of processors for parallel processing

- 0 : 1 machine, compiling without parallel library
- 1 : 1 machine, compiling with a parallel library
- 2 : 2 processors or machines in parallel
- etc...

1.45 PARTIALLY DRY ELEMENTS ELIMINATION

Type : Logical
Dimension : 1
Mnemo ELPSEC
DEFAULT VALUE : NO
French keyword : `ELIMINATION DES ELEMENTS PARTIELLEMENT SECS`

When removing dry elements, specify if the partially dry elements are treated (at least one dry node).

1.46 PROJECTION AFTER EXTRACTION

Type : Logical
Dimension : 1
Mnemo PROJEC
DEFAULT VALUE : YES
French keyword : `PROJECTION APRES EXTRACTION`

When a mesh is extracted inside a polygon, indicates whether the mesh should be projected through the faces of the polygon or not.

1.47 RELEASE

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : 'TRUNK'
French keyword : `NUMERO DE VERSION`

Version numbers of STBTEL, DAMO, UTIL, HP libraries, respectively.

1.48 STEERING FILE

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : ''
French keyword : `FICHIER DES PARAMETRES`

Name of the file that contains the file references and of options for the computation to be made.

1.49 STORAGE OF ALL TIME STEPS

Type : Logical
Dimension : 1
Mnemo ELISEC
DEFAULT VALUE : NO
French keyword : STOCKAGE DE TOUS LES PAS DE TEMPS
When treating dry elements elimination, specify that all time steps are to be stored in the results file.

1.50 TRANSLATION

Type : Logical
Dimension : 1
Mnemo TRANSLATE
DEFAULT VALUE : NO
French keyword : TRANSLATION
Activate the translation of the mesh.

1.51 UNIVERSAL FILE

Type : String
Dimension : 1
Mnemo
DEFAULT VALUE : ”
French keyword : FICHIER UNIVERSEL
Name of the file created by the mesh generator, and from which STBTEL will work.

1.52 VECTOR LENGTH

Type : Integer
Dimension : 1
Mnemo LGVEC
DEFAULT VALUE : 1
French keyword : LONGUEUR DU VECTEUR
Designed for dimensioning the vector length on vector machine.

1.53 WRITING NODE COLOURS

Type : Logical
Dimension : 1
Mnemo
DEFAULT VALUE : NO
French keyword : ECRITURE DE LA COULEUR DES NOEUDS
Option not activated

1.54 X TRANSLATION

Type : Real
Dimension : 1
Mnemo DX
DEFAULT VALUE : 0.
French keyword : TRANSLATION SELON X

Translation on the x axes

1.55 Y TRANSLATION

Type :	Real
Dimension :	1
Mnemo	DY
DEFAULT VALUE :	0.
French keyword :	`TRANSLATION SELON Y`

Translation on the y axes

2. List of keywords classified according to type

2.1 CONVERTER INFO

BOUNDARY CONDITION IN SERAFIN FORMAT
CONVERTER
DEBUG
INPUT FILE FORMAT
OUTPUT FILE FORMAT

2.1.1 TRANSLATION INFO

TRANSLATION
X TRANSLATION
Y TRANSLATION

2.2 FILES

LIST OF FILES

2.3 GENERALITIES

ABSCISSAE OF THE VERTICES OF THE POLYGON TO EXTRACT THE MESH
ABSCISSAE OF THE VERTICES OF THE POLYGON TO REFINE THE MESH
BATHYMETRY IN THE UNIVERSAL FILE
BOTTOM CORRECTION OF TRIGRID
BOUNDARY CONDITIONS IN THE ADDITIONAL FILE
CUTTING ELEMENTS IN FOUR
DRY ELEMENTS ELIMINATION
DRY LIMIT
ELIMINATION OF BACKWARD DEPENDENCIES
MAXIMUM NUMBER OF BATHYMETRIC POINTS
MINIMUM DISTANCE AT BOUNDARY
MINIMUM DISTANCE BETWEEN TWO POINTS

NODES RENUMBERING
NUMBER OF VERTICES OF THE POLYGON TO EXTRACT THE MESH
NUMBER OF VERTICES OF THE POLYGON TO REFINE THE MESH
ORDINATES OF THE VERTICES OF THE POLYGON TO EXTRACT THE MESH
ORDINATES OF THE VERTICES OF THE POLYGON TO REFINE THE MESH
OVERSTRESSED TRIANGLES CUTTING
PARALLEL PROCESSORS
PARTIALLY DRY ELEMENTS ELIMINATION
PROJECTION AFTER EXTRACTION
STORAGE OF ALL TIME STEPS
VECTOR LENGTH
WRITING NODE COLOURS

2.4 INPUT-OUTPUT, FILES

2.4.1 NAMES

BOTTOM TOPOGRAPHY FILES
BOUNDARY CONDITIONS FILE
BOUNDARY FILE
BOUNDARY UNIVERSAL FILE
FORTRAN FILE
GEOMETRY FILE FOR TELEMAC
INPUT FILE
LOG FILE
MESH ADDITIONAL DATA FILE
OUTPUT BOUNDARY FILE
OUTPUT FILE
OUTPUT LOG FILE
STEERING FILE
UNIVERSAL FILE

2.4.2 STANDARD I/O

BINARY STANDARD

2.5 INPUT-OUTPUT, INFORMATION

2.5.1 COMPUTATION ENVIRONMENT

BIBLIOTHEQUES
DICTIONARY
RELEASE

2.5.2 COMPUTATIONAL INFORMATION

DEFAULT EXECUTABLE
DEFAULT PARALLEL EXECUTABLE

DESCRIPTION OF LIBRARIES

2.6 MESH GENERATOR

MESH GENERATOR

3. glossary

3.1 english/french glossary

ABSCISSAE OF THE VERTICES OF THE POLYGON TO EXTRACT THE MESH	ABSCISSES DES SOMMETS DU POLYGONE D'EXTRACTION
ABSCISSAE OF THE VERTICES OF THE POLYGON TO REFINE THE MESH	ABSCISSES DES SOMMETS DU POLYGONE DE RAFFINEMENT
BATHYMETRY IN THE UNIVERSAL FILE	BATHYMETRIE DANS LE FICHIER UNIVERSEL
BIBLIOTHEQUES	BIBLIOTHEQUES
BINARY STANDARD	STANDARD DE BINAIRE
BOTTOM CORRECTION OF TRIGRID	CORRECTION DES FONDS DE TRIGRID
BOTTOM TOPOGRAPHY FILES	FICHIERS DES FONDS
BOUNDARY CONDITION IN SERAFIN FORMAT	CONDITION LIMITE EN FORMAT SERAFIN
BOUNDARY CONDITIONS FILE	FICHIER DES CONDITIONS AUX LIMITES
BOUNDARY CONDITIONS IN THE ADDITIONAL FILE	CONDITIONS LIMITES DANS LE FICHIER ADDITIONNEL
BOUNDARY FILE	FICHIER DES CONDITIONS LIMITES
BOUNDARY UNIVERSAL FILE	FICHIER UNIVERSEL LIMITE
CONVERTER	CONVERTISSEUR
CUTTING ELEMENTS IN FOUR	DECOUPAGE DES TRIANGLES EN QUATRE
DEBUG	DEBUG
DEFAULT EXECUTABLE	EXECUTABLE PAR DEFAUT
DEFAULT PARALLEL EXECUTABLE	EXECUTABLE PARALLELE PAR DEFAUT
DESCRIPTION OF LIBRARIES	DESCRIPTION DES LIBRAIRIES
DICTIONARY	DICTIONNAIRE
DRY ELEMENTS ELIMINATION	ELIMINATION DES ELEMENTS SECS
DRY LIMIT	SEUIL DE SECHERESSE
ELIMINATION OF BACKWARD DEPENDENCIES	ELIMINATION DES DEPENDANCES ARRIERES
FORTRAN FILE	FICHIER FORTRAN

GEOMETRY FILE FOR TELEMAC	FICHIER DE GEOMETRIE POUR TELEMAC
INPUT FILE	FICHIER D ENTREE
INPUT FILE FORMAT	FORMAT DU FICHIER D ENTREE
LIST OF FILES	LISTE DES FICHIERS
LOG FILE	FICHIER LOG
MAXIMUM NUMBER OF BATHYMETRIC POINTS	NOMBRE MAXIMUM DE POINTS DE BATHYMETRIE
MESH ADDITIONAL DATA FILE	FICHIER ADDITIONNEL DU MAILLEUR
MESH GENERATOR	MAILLEUR
MINIMUM DISTANCE AT BOUNDARY	DISTANCE MINIMALE A LA FRONTIERE
MINIMUM DISTANCE BETWEEN TWO POINTS	DISTANCE MINIMALE ENTRE DEUX POINTS
NODES RENUMBERING	RENUMEROTATION DES POINTS
NUMBER OF VERTICES OF THE POLYGON TO EXTRACT THE MESH	NOMBRE DE SOMMETS DU POLYGONE D'EXTRACTION
NUMBER OF VERTICES OF THE POLYGON TO REFINE THE MESH	NOMBRE DE SOMMETS DU POLYGONE DE RAFFINEMENT
ORDINATES OF THE VERTICES OF THE POLYGON TO EXTRACT THE MESH	ORDONNEES DES SOMMETS DU POLYGONE D'EXTRACTION
ORDINATES OF THE VERTICES OF THE POLYGON TO REFINE THE MESH	ORDONNEES DES SOMMETS DU POLYGONE DE RAFFINEMENT
OUTPUT BOUNDARY FILE	FICHIER DES CONDITIONS LIMITES EN SORTIE
OUTPUT FILE	FICHIER DE SORTIE
OUTPUT FILE FORMAT	FORMAT DU FICHIER DE SORTIE
OUTPUT LOG FILE	FICHIER LOG EN SORTIE
OVERSTRESSED TRIANGLES CUTTING	DECOUPAGE DES TRIANGLES SURCONTRAINTS
PARALLEL PROCESSORS	PROCESSEURS PARALLELES
PARTIALLY DRY ELEMENTS ELIMINATION	ELIMINATION DES ELEMENTS PARTIELLEMENT SECS
PROJECTION AFTER EXTRACTION	PROJECTION APRES EXTRACTION
RELEASE	NUMERO DE VERSION
STEERING FILE	FICHIER DES PARAMETRES
STORAGE OF ALL TIME STEPS	STOCKAGE DE TOUS LES PAS DE TEMPS
TRANSLATION	TRANSLATION
UNIVERSAL FILE	FICHIER UNIVERSEL
VECTOR LENGTH	LONGUEUR DU VECTEUR
WRITING NODE COLOURS	ECRITURE DE LA COULEUR DES NOEUDS
X TRANSLATION	TRANSLATION SELON X
Y TRANSLATION	TRANSLATION SELON Y

3.2 French/English glossary

ABSCISSES DES SOMMETS DU POLYGONE D'EXTRACTION	ABSCISSAE OF THE VERTICES OF THE POLYGON TO EXTRACT THE MESH
ABSCISSES DES SOMMETS DU POLYGONE DE RAFFINEMENT	ABSCISSAE OF THE VERTICES OF THE POLYGON TO REFINE THE MESH
BATHYMETRIE DANS LE FICHIER UNIVERSEL	BATHYMETRY IN THE UNIVERSAL FILE
BIBLIOTHEQUES	BIBLIOTHEQUES
CONDITION LIMITE EN FORMAT SERAFIN	BOUNDARY CONDITION IN SERAFIN FORMAT
CONDITIONS LIMITES DANS LE FICHIER ADDITIONNEL	BOUNDARY CONDITIONS IN THE ADDITIONAL FILE
CONVERTISSEUR	CONVERTER
CORRECTION DES FONDS DE TRIGRID	BOTTOM CORRECTION OF TRIGRID
DEBUG	DEBUG
DECOUPAGE DES TRIANGLES EN QUATRE	CUTTING ELEMENTS IN FOUR
DECOUPAGE DES TRIANGLES SURCONTRAINTS	OVERSTRESSED TRIANGLES CUTTING
DESCRIPTION DES LIBRAIRIES	DESCRIPTION OF LIBRARIES
DICTIONNAIRE	DICTIONARY
DISTANCE MINIMALE A LA FRONTIERE	MINIMUM DISTANCE AT BOUNDARY
DISTANCE MINIMALE ENTRE DEUX POINTS	MINIMUM DISTANCE BETWEEN TWO POINTS
ECRITURE DE LA COULEUR DES NOEUDS	WRITING NODE COLOURS
ELIMINATION DES DEPENDANCES ARRIERES	ELIMINATION OF BACKWARD DEPENDENCIES
ELIMINATION DES ELEMENTS PARTIELLEMENT SECS	PARTIALLY DRY ELEMENTS ELIMINATION
ELIMINATION DES ELEMENTS SECS	DRY ELEMENTS ELIMINATION
EXECUTABLE PAR DEFAUT	DEFAULT EXECUTABLE
EXECUTABLE PARALLELE PAR DEFAUT	DEFAULT PARALLEL EXECUTABLE
FICHIER ADDITIONNEL DU MAILLEUR	MESH ADDITIONAL DATA FILE
FICHIER D ENTREE	INPUT FILE
FICHIER DE GEOMETRIE POUR TELEMAC	GEOMETRY FILE FOR TELEMAC
FICHIER DE SORTIE	OUTPUT FILE
FICHIER DES CONDITIONS AUX LIMITES	BOUNDARY CONDITIONS FILE
FICHIER DES CONDITIONS LIMITES	BOUNDARY FILE
FICHIER DES CONDITIONS LIMITES EN SORTIE	OUTPUT BOUNDARY FILE
FICHIER DES PARAMETRES	STEERING FILE
FICHIER FORTRAN	FORTRAN FILE
FICHIER LOG	LOG FILE
FICHIER LOG EN SORTIE	OUTPUT LOG FILE

FICHIER UNIVERSEL	UNIVERSAL FILE
FICHIER UNIVERSEL LIMITE	BOUNDARY UNIVERSAL FILE
FICHIERS DES FONDS	BOTTOM TOPOGRAPHY FILES
FORMAT DU FICHIER D ENTREE	INPUT FILE FORMAT
FORMAT DU FICHIER DE SORTIE	OUTPUT FILE FORMAT
LISTE DES FICHIERS	LIST OF FILES
LONGUEUR DU VECTEUR	VECTOR LENGTH
MAILLEUR	MESH GENERATOR
NOMBRE DE SOMMETS DU POLYGONE D'EXTRACTION	NUMBER OF VERTICES OF THE POLYGON TO EXTRACT THE MESH
NOMBRE DE SOMMETS DU POLYGONE DE RAFFINEMENT	NUMBER OF VERTICES OF THE POLYGON TO REFINE THE MESH
NOMBRE MAXIMUM DE POINTS DE BATHYMETRIE	MAXIMUM NUMBER OF BATHYMETRIC POINTS
NUMERO DE VERSION	RELEASE
ORDONNEES DES SOMMETS DU POLYGONE D'EXTRACTION	ORDINATES OF THE VERTICES OF THE POLYGON TO EXTRACT THE MESH
ORDONNEES DES SOMMETS DU POLYGONE DE RAFFINEMENT	ORDINATES OF THE VERTICES OF THE POLYGON TO REFINE THE MESH
PROCESSEURS PARALLELES	PARALLEL PROCESSORS
PROJECTION APRES EXTRACTION	PROJECTION AFTER EXTRACTION
RENUMEROTATION DES POINTS	NODES RENUMBERING
SEUIL DE SECHERESSE	DRY LIMIT
STANDARD DE BINAIRE	BINARY STANDARD
STOCKAGE DE TOUS LES PAS DE TEMPS	STORAGE OF ALL TIME STEPS
TRANSLATION	TRANSLATION
TRANSLATION SELON X	X TRANSLATION
TRANSLATION SELON Y	Y TRANSLATION

[1]

[1] HERVOUET J.-M. *Hydrodynamics of Free Surface Flows. Modelling with the finite element method.* Wiley, 2007.