Tomawac

Reference Manual

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AVERTISSEMENT / CAUTION

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1. Detail list of keywords

1.1 1D SPECTRA RESULTS FILE

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACSPE)
DEFAULT VALUE : ”
French keyword : `FICHIER DES RESULTATS SPECTRES 1D`

Name of the file into which the frequential punctual spectra (integrated according to the directions) will be written.

Related keywords

PUNCTUAL RESULTS FILE
ABSCISSAE OF SPECTRUM PRINTOUT POINTS
ORDINATES OF SPECTRUM PRINTOUT POINTS
PERIOD FOR GRAPHIC PRINTOUTS
NUMBER OF FIRST ITERATION FOR GRAPHIC PRINTOUTS

1.2 2D RESULTS FILE

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACRES)
DEFAULT VALUE : ’resu2d’
French keyword : `FICHIER DES RESULTATS 2D`

Name of the file into which the results of the two-dimensional computation will be written.

Related keywords

2D RESULTS FILE BINARY
VARIABLES FOR 2D GRAPHIC PRINTOUTS
PERIOD FOR GRAPHIC PRINTOUTS
NUMBER OF FIRST ITERATION FOR GRAPHIC PRINTOUTS

1.3 2D RESULTS FILE FORMAT

Type : String
Dimension : -1
Mnemo WAC_FILES(WACRES)
DEFAULT VALUE : 'SERAFIN'
French keyword : FORMAT DU FICHIER DES RESULTATS 2D
Geometry file format. Possible values are:

- SERAFIN : classical single precision format in Telemac;
- SERAFIND: classical double precision format in Telemac;
- MED : MED format based on HDF5

1.4 ABSCISSAE OF SPECTRUM PRINTOUT POINTS

Type : Real
Dimension : 2
Mnemo XLEO
DEFAULT VALUE :
French keyword : ABSCISSES DES POINTS DE SORTIE DU SPECTRE
Array providing the abscissae of the Seraphin spectrum printout points with a maximum dimension of 99. The chosen spectrum points are the closest 2D points to the specified co-ordinates.

Related keywords
ORDINATES OF SPECTRUM PRINTOUT POINTS
PUNCTUAL RESULTS FILE

1.5 AIR DENSITY

Type : Real
Dimension : 0
Mnemo ROAIR
DEFAULT VALUE : 1.225
French keyword : DENSITE DE L'AIR
The ratio ROAIR/ROEAU is used in the wind generation source term.

Related keywords
WIND GENERATION
WATER DENSITY

1.6 BAJ MODELING

Type : Integer
Dimension : 0
Mnemo CBAJ
DEFAULT VALUE : 0
French keyword : MODELISATION BAJ
Choice of the calculus of centrale frequency if its value is 0, classical choice if its value is 1,

BAJ choice proposed by Laugel (2013).

Related keywords
CONSIDERATION OF SOURCE TERMS

1.7 BINARY CURRENTS FILE

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACCOB)
DEFAULT VALUE : ”
French keyword : `FICHIER DES COURANTS BINAIRE`
Name of the current data file (if binary).

Related keywords
CONSIDERATION OF A STATIONARY CURRENT
CONSIDERATION OF TIDE
FORMATTED CURRENTS FILE
CURRENTS FILE FORMAT

1.8 BINARY CURRENTS FILE FORMAT

Type : String
Dimension : -1
Mnemo WAC_FILES(WACCOB)
DEFAULT VALUE : ’SERAFIN’
French keyword : `FORMAT DU FICHIER DES COURANTS BINAIRE`
Currents binary file format. Possible values are:

- SERAFIN : classical single precision format in Telemac;
- SERAFIND: classical double precision format in Telemac;
- MED : MED format based on HDF5

1.9 BINARY DATA FILE 1 FORMAT

Type : String
Dimension : -1
Mnemo WAC_FILES(WACBI1)
DEFAULT VALUE : ”
French keyword : `FORMAT DU FICHIER DE DONNEES BINAIRE 1`
binary data file format. Possible values are:

- SERAFIN : classical single precision format in Telemac;
- SERAFIND: classical double precision format in Telemac;
- MED : MED format based on HDF5

1.10 BINARY FILE 1

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACBI1)
DEFAULT VALUE : ”
French keyword : FICHIER BINAIRE 1
Binary-coded data file made available to the user.

1.11 BINARY FILE 1 BINARY

Type : String
Dimension : 0
Mnemo Variable BINBI1
DEFAULT VALUE : ’STD’
French keyword : BINAIRE DU FICHIER BINAIRE 1
Type of the binary used for writing the binary file1. This type depends on the machine in which the file was generated. The possible values are the same as for the geometry file.

Related keywords
BINARY FILE 1

1.12 BINARY TIDAL WATER FILE FORMAT

Type : String
Dimension : -1
Mnemo WAC_FILES(WACMAB)
DEFAULT VALUE : ’SERAFIN’
French keyword : FORMAT DU FICHIER DE LA MAREE BINAIRE
binary tidal water file format. Possible values are:

- SERAFIN : classical single precision format in Telemac;
- SERAFIND: classical double precision format in Telemac;
- MED : MED format based on HDF5

1.13 BINARY TIDAL WATER LEVEL FILE

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACMAB)
DEFAULT VALUE : ”
French keyword : FICHIER DU NIVEAU DE LA MAREE BINAIRE
Name of the water level data file (if binary).

Related keywords
CONSIDERATION OF TIDE
FORMATTED TIDAL WATER LEVEL FILE
TIDAL WATER LEVEL FILE FORMAT
TIDE REFRESHING PERIOD
TIDAL WATER LEVEL FILE BINARY

1.14 BINARY WINDS FILE

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACVEB)
DEFAULT VALUE : ”
French keyword : FICHIER DES VENTS BINAIRE
Name of wind data file (if binary).

Related keywords
CONSIDERATION OF WIND
FORMATTED WINDS FILE
WINDS FILE FORMAT

1.15 BINARY WINDS FILE FORMAT

Type : String
Dimension : -1
Mnemo WAC_FILES(WACVEB)
DEFAULT VALUE : ’SERAFIN’
French keyword : FORMAT DU FICHIER DES VENTS BINAIRE
wind data binary file format. Possible values are:

- SERAFIN : classical single precision format in Telemac;
- SERAFIND: classical double precision format in Telemac;
- MED : MED format based on HDF5

1.16 BOTTOM FRICTION COEFFICIENT

Type : Real
Dimension : 0
Mnemo CFROT1
DEFAULT VALUE : 0.038
French keyword : COEFFICIENT DE FROTTEMENT SUR LE FOND
Bottom friction coefficient.

Related keywords
INFINITE DEPTH
BOTTOM FRICTION-INDUCED DISSIPATION

1.17 BOTTOM FRICTION DISSIPATION

Type : Integer
Dimension : 0
Mnemo SFROT
DEFAULT VALUE : 0
French keyword : DISSIPATION PAR FROTTEMENT SUR LE FOND
Selection of the modelling type of the bottom friction source term. If its value is 0, the bottom friction dissipation is ignored; if its value is 1, it is integrated in accordance with a formula that

is similar to that of WAM cycle 4.

Related keywords

INFINITE DEPTH
BOTTOM FRICTION COEFFICIENT

1.18 BOTTOM SMOOTHINGS

Type :	Integer
Dimension :	1
Mnemo	LISFON
DEFAULT VALUE :	0
French keyword :	`LISSAGES DU FOND`

Number of smoothings made on bottom features. Each smoothing, being made by means of a mass matrix, is conservative. To be used when the bathymetric data yield too irregular data after interpolation. Also refer to the CORFON subroutine.

1.19 BOTTOM TOPOGRAPHY FILE

Type :	String
Dimension :	0
Mnemo	Variable WAC_FILES(WACFON)
DEFAULT VALUE :	”
French keyword :	`FICHIER DES FONDS`

Name of any file containing the bathymetric data associated to the SINUSX-formatted grid. It this keyword is used, these bathymetric data shall be used for the computation.

1.20 BOUNDARY ANGULAR DISTRIBUTION FUNCTION

Type :	Integer
Dimension :	0
Mnemo	FRABL
DEFAULT VALUE :	1
French keyword :	`FONCTION DE REPARTITION ANGULAIRE AUX LIMITES`

Is part of the set of constants used for computing the boundary directional spectrum. Allow the computation of the angular distribution function

- 1 : $cos^{2s}(T-T0)$; with T in [T0-pi/2;T0+pi/2]
- 2 : $exp(-0.5((T-T0)/s)^2)$; with T in [T0-pi/2;T0+pi/2]
- 3 : $cos^{2s}((T-T0)/2)$ (of type Mitsuyasu)

where s is the boundary directionnal spread (`SPRE1L` or `SPRE2L`)

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.21 BOUNDARY CONDITIONS FILE

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACCLI)
DEFAULT VALUE : 'dynam'
French keyword : `FICHIER DES CONDITIONS AUX LIMITES`

Name of the file containing the types of boundary conditions. This file is automatically filled by the grid generator by means of colours that are assigned to the boundary nodes in the computational domain.

1.22 BOUNDARY DIRECTIONAL SPREAD 1

Type : Real
Dimension : 0
Mnemo Variable SPRE1L
DEFAULT VALUE : 2.
French keyword : `ETALEMENT DIRECTIONNEL 1 AUX LIMITES`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords
TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.23 BOUNDARY DIRECTIONAL SPREAD 2

Type : Real
Dimension : 0
Mnemo Variable SPRE2L
DEFAULT VALUE : 2.
French keyword : `ETALEMENT DIRECTIONNEL 2 AUX LIMITES`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords
TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.24 BOUNDARY MAIN DIRECTION 1

Type : Real
Dimension : 0
Mnemo Variable TETA1L
DEFAULT VALUE : 0.
French keyword : `DIRECTION PRINCIPALE 1 AUX LIMITES`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords
TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.25 BOUNDARY MAIN DIRECTION 2

Type : Real
Dimension : 0
Mnemo Variable TETA2L
DEFAULT VALUE : 0.
French keyword : `DIRECTION PRINCIPALE 2 AUX LIMITES`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.26 BOUNDARY MAXIMUM PEAK FREQUENCY

Type : Real
Dimension : 0
Mnemo Variable FPMAXL
DEFAULT VALUE : 0.2
French keyword : `FREQUENCE DE PIC MAXIMALE AUX LIMITES`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.27 BOUNDARY MEAN FETCH VALUE

Type : Real
Dimension : 0
Mnemo Variable FETCHL
DEFAULT VALUE : 30000.
French keyword : `VALEUR MOYENNE DU FETCH AUX LIMITES`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.28 BOUNDARY PEAK FACTOR

Type : Real
Dimension : 0
Mnemo Variable GAMMAL
DEFAULT VALUE : 3.3
French keyword : `FACTEUR DE PIC AUX LIMITES`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.29 BOUNDARY PEAK FREQUENCY

Type : Real
Dimension : 0
Mnemo Variable FPICL
DEFAULT VALUE : 0.067
French keyword : FREQUENCE DE PIC AUX LIMITES

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.30 BOUNDARY PHILLIPS CONSTANT

Type : Real
Dimension : 0
Mnemo Variable APHILL
DEFAULT VALUE : 0.018
French keyword : CONSTANTE DE PHILLIPS AUX LIMITES

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.31 BOUNDARY SIGNIFICANT WAVE HEIGHT

Type : Real
Dimension : 0
Mnemo Variable HM0L
DEFAULT VALUE : 1.
French keyword : HAUTEUR SIGNIFICATIVE AUX LIMITES

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.32 BOUNDARY SPECTRUM VALUE OF SIGMA-A

Type : Real
Dimension : 0
Mnemo Variable SIGMAL
DEFAULT VALUE : 0.07
French keyword : VALEUR AUX LIMITES DE SIGMA-A POUR SPECTRE

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.33 BOUNDARY SPECTRUM VALUE OF SIGMA-B

Type : Real
Dimension : 0
Mnemo Variable SIGMBL
DEFAULT VALUE : 0.09
French keyword : `VALEUR AUX LIMITES DE SIGMA-B POUR SPECTRE`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.34 BOUNDARY WEIGHTING FACTOR FOR ADF

Type : Real
Dimension : 0
Mnemo Variable XLAMDL
DEFAULT VALUE : 1.
French keyword : `FACTEUR DE PONDERATION POUR FRA AUX LIMITES`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.35 CHARNOCK CONSTANT

Type : Real
Dimension : 0
Mnemo ALPHA
DEFAULT VALUE : 0.01
French keyword : `CONSTANTE DE CHARNOCK`

Constant used in the wind source term.

Related keywords

WIND GENERATION

1.36 CHECKING THE MESH

Type : Logical
Dimension : 0
Mnemo CHECK_MESH
DEFAULT VALUE : NO
French keyword : `VERIFICATION DU MAILLAGE`

if this key word is equal to yes, a call to subroutine checkmesh will look for errors in the mesh, superimposed points, etc.

1.37 COEFFICIENT OF THE TIME SUB-INCREMENTS FOR BREAKING

Type : Real
Dimension : 0
Mnemo Variable XDTBRK
DEFAULT VALUE : 1.45
French keyword : `COEFFICIENT POUR LES SOUS-PAS DE TEMPS POUR LE DEFERLEMENT`
Geometrical ratio of the time sub-increments for the depth-induced breaking

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
NUMBER OF BREAKING TIME STEPS

1.38 CONSIDERATION OF A STATIONARY CURRENT

Type : Logical
Dimension : 0
Mnemo COUSTA
DEFAULT VALUE : .FALSE.
French keyword : `PRISE EN COMPTE D'UN COURANT STATIONNAIRE`
Indicates whether a stationary current is taken into account, either in a file or in condiw.f.

Related keywords
CURRENTS FILE

1.39 CONSIDERATION OF A WIND

Type : Logical
Dimension : 0
Mnemo Variable VENT
DEFAULT VALUE : .FALSE.
French keyword : `PRISE EN COMPTE DU VENT`
Indicates whether a wind is taken into account, either in a file or in cdicow.f.

Related keywords
WINDS FILE

1.40 CONSIDERATION OF PROPAGATION

Type : Logical
Dimension : 0
Mnemo Variable PROP
DEFAULT VALUE : .TRUE.
French keyword : `PRISE EN COMPTE DE LA PROPAGATION`
Indicates whether propagation is taken into account.

1.41 CONSIDERATION OF SOURCE TERMS

Type : Logical
Dimension : 0
Mnemo Variable TSOU
DEFAULT VALUE : .FALSE.
French keyword : PRISE EN COMPTE DES TERMES SOURCES

Indicates whether the source terms are taken into account or not.

Related keywords

WIND GENERATION
BOTTOM FRICTION DISSIPATION
WHITE CAPPING DISSIPATION
DEPTH-INDUCED BREAKING DISSIPATION
WAVE BLOCKING DISSIPATION
NON-LINEAR TRANSFERS BETWEEN FREQUENCIES
TRIAD INTERACTION

1.42 CONSIDERATION OF TIDE

Type : Logical
Dimension : 0
Mnemo Variable MAREE
DEFAULT VALUE : .FALSE.
French keyword : PRISE EN COMPTE DE LA MAREE

Indicates whether a current is taken into account, either in a file or in cdicow.f.

Related keywords

FORMATTED TIDAL WATER LEVEL FILE
BINARY TIDAL WATER LEVEL FILE
TIDAL WATER LEVEL FILE FORMAT
TIDE REFRESHING PERIOD
TIDAL WATER LEVEL FILE BINARY

1.43 CURRENTS FILE BINARY

Type : String
Dimension : 0
Mnemo Variable BINCOU
DEFAULT VALUE : 'STD'
French keyword : BINAIRE DU FICHIER DES COURANTS

Type of the binary used for writing the currents file. That type depends on the machine in which the file was generated. The possible values are as follows : - IBM; for a file created in an IBM machine; - I3E; for a file created in a HP machine; - STD; normal READ and WRITE instructions are then generated.

Related keywords

BINARY CURRENTS FILE
FORMATTED CURRENTS FILE
CURRENTS FILE FORMAT

1.44 CURRENTS FILE FORMAT

Type : Integer
Dimension : 0
Mnemo INDIC
DEFAULT VALUE : 3
French keyword : FORMAT DU FICHIER DES COURANTS

Selection of the type of currents file format :

- 3 = selafin, TELEMAC type
- 4 = user format (the couuti.f procedure should then be amended)

Related keywords
CURRENTS BINARY FILE
CURRENTS FORMATTED FILE
CURRENTS FILE BINARY

1.45 DATE OF COMPUTATION BEGINNING

Type : Real
Dimension : 0
Mnemo DDC
DEFAULT VALUE : 0
French keyword : DATE DE DEBUT DU CALCUL

Gives the date of the computation beginning. The format is yyyymmddhhmm, as an exemple 199310241524 means the 24 october 93 at 15h24. This date gives a reference for reading the wind file.

Related keywords
BINARY WIND FILE
FORMATTED WIND FILE
WIND FILE BINARY
WIND FILE FORMAT

1.46 DEBUGGER

Type : Integer
Dimension : 0
Mnemo DEBUG
DEFAULT VALUE : 0
French keyword : DEBUGGER

If 1, calls of subroutines will be printed in the listing

1.47 DEFAULT EXECUTABLE

Type : String
Dimension : 1
Mnemo EXEDEF
DEFAULT VALUE : 'builds|PPP|bin|tomawacMMMVVV.exe'
French keyword : EXECUTABLE PAR DEFAUT

Default executable for TOMAWAC

1.48 DEFAULT PARALLEL EXECUTABLE

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

1.49 DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY

Type : Integer
Dimension : 0
Mnemo IFRBJ
DEFAULT VALUE : 2
French keyword : `DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE`
Selection of the characteristic frequency of the wave spectrum

- 1 : Frequency Fmoy
- 2 : Frequency F01 (defined by the moments of order 0 and 1 of the spectrum)
- 3 : Frequency F02 (defined by the moments of order 0 and 2 of the spectrum)
- 4 : Frequency Fpic (sampling frequency corresponding to the max)
- 5 : Frequency Fread ordre 5 (peak frequency, 5th order Read method
- 6 : Frequency Fread ordre 8 (peak frequency, 8th order Read method

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD
DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2

1.50 DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA

Type : Real
Dimension : 0
Mnemo ALFABJ
DEFAULT VALUE : 1.
French keyword : `DEFERLEMENT 1 (BJ) CONSTANTE ALPHA`
ALPHA constant for the Battjes and Janssen model.

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
NUMBER OF BREAKING TIME STEPS
DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB
DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM
DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE
DEFERLEMENT 1 (BJ) CONSTANTE GAMMA1
DEFERLEMENT 1 (BJ) CONSTANTE GAMMA2

1.51 DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1

Type : Real
Dimension : 0
Mnemo GAMBJ1
DEFAULT VALUE : 0.88
French keyword : `DEFERLEMENT 1 (BJ) CONSTANTE GAMMA1`
GAMMA1 constant of the Battjes and Janssen model.

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
NUMBER OF BREAKING TIME STEPS
DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB
DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM
DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE
DEFERLEMENT 1 (BJ) CONSTANTE ALPHA
DEFERLEMENT 1 (BJ) CONSTANTE GAMMA2

1.52 DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2

Type : Real
Dimension : 0
Mnemo GAMBJ2
DEFAULT VALUE : 0.8
French keyword : `DEFERLEMENT 1 (BJ) CONSTANTE GAMMA2`
GAMMA1 constant of the Battjes and Janssen model.

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
NUMBER OF BREAKING TIME STEPS
DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB
DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM
DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE
DEFERLEMENT 1 (BJ) CONSTANTE ALPHA
DEFERLEMENT 1 (BJ) CONSTANTE GAMMA1

1.53 DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD

Type : Integer
Dimension : 0
Mnemo IHMBJ
DEFAULT VALUE : 1
French keyword : `DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM`
Selection of the depth-induced breaking criterium giving the breaking wave height (1 : Hm = GAMMA*D ; 2 : Hm given the Miche criterium).

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2

1.54 DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD

Type : Integer
Dimension : 0
Mnemo IQBBJ
DEFAULT VALUE : 2
French keyword : `DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB`
Selection of the method for the resolution of the implicit equation for QB.

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD
DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2

1.55 DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY

Type : Integer
Dimension : 0
Mnemo IFRTG
DEFAULT VALUE : 5
French keyword : `DEFERLEMENT 2 (TG) CHOIX FREQUENCE CARACTERISTIQUE`
Selection of the characteristic frequency of the wave spectrum

- 1 : Frequency Fmoy
- 2 : Frequency F01 (defined by the moments of order 0 and 1 of the spectrum)
- 3 : Frequency F02 (defined by the moments of order 0 and 2 of the spectrum)
- 4 : Frequency Fpic (sampling frequency corresponding to the max)

- 5 : Frequency Fread ordre 5 (peak frequency, 5th order Read method
- 6 : Frequency Fread ordre 8 (peak frequency, 8th order Read method

Related keywords

DEPTH-INDUCED BREAKING DISSIPATION DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA

1.56 DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B

Type :	Real
Dimension :	0
Mnemo	Variable BORETG
DEFAULT VALUE :	1.0
French keyword :	`DEFERLEMENT 2 (TG) CONSTANTE B`

Coefficient B of the Thornton and Guza model.

Related keywords

DEPTH-INDUCED BREAKING DISSIPATION
NUMBER OF BREAKING TIME STEPS
DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION
DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA

1.57 DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA

Type :	Real
Dimension :	0
Mnemo	Variable GAMATG
DEFAULT VALUE :	0.42
French keyword :	`DEFERLEMENT 2 (TG) CONSTANTE GAMMA`

Coefficient GAMMA of the Thornton and Guza model.

Related keywords

DEPTH-INDUCED BREAKING DISSIPATION
NUMBER OF BREAKING TIME STEPS
DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION
DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B

1.58 DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION

Type : Integer
Dimension : 0
Mnemo IWHTG
DEFAULT VALUE : 2
French keyword : `DEFERLEMENT 2 (TG) FONCTION DE PONDERATION`
Selection of the expression for the weighting function based on a probability distribution of the wave heights.

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B
DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA

1.59 DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY

Type : Integer
Dimension : 0
Mnemo IFRRO
DEFAULT VALUE : 5
French keyword : `DEFERLEMENT 3 (RO) CHOIX FREQUENCE CARACTERISTIQUE`
Selection of the characteristic frequency of the wave spectrum

- 1 : Frequency Fmoy
- 2 : Frequency F01 (defined by the moments of order 0 and 1 of the spectrum)
- 3 : Frequency F02 (defined by the moments of order 0 and 2 of the spectrum)
- 4 : Frequency Fpic (sampling frequency corresponding to the max)
- 5 : Frequency Fread ordre 5 (peak frequency, 5th order Read method
- 6 : Frequency Fread ordre 8 (peak frequency, 8th order Read method

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION
DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2

1.60 DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA

Type : Real
Dimension : 0
Mnemo Variable ALFARO
DEFAULT VALUE : 1.
French keyword : `DEFERLEMENT 3 (RO) CONSTANTE ALPHA`
Coefficient ALPHA of the Roelvink model (1993).

Related keywords

DEPTH-INDUCED BREAKING DISSIPATION
NUMBER OF BREAKING TIME STEPS
DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION
DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION
DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2

1.61 DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA

Type : Real
Dimension : 0
Mnemo Variable GAMARO
DEFAULT VALUE : 0.54
French keyword : `DEFERLEMENT 3 (RO) CONSTANTE GAMMA`
Coefficient GAMMA of the Roelvink model (1993).

Related keywords

DEPTH-INDUCED BREAKING DISSIPATION
NUMBER OF BREAKING TIME STEPS
DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION
DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION
DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2

1.62 DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2

Type : Real
Dimension : 0
Mnemo Variable GAM2RO
DEFAULT VALUE : 0.65
French keyword : `DEFERLEMENT 3 (RO) CONSTANTE GAMMA2`
Coefficient GAMMA2 of the Roelvink model (1993).

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
NUMBER OF BREAKING TIME STEPS
DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION
DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION
DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA

1.63 DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION

Type : Integer
Dimension : 0
Mnemo IEXPRO
DEFAULT VALUE : 10
French keyword : DEFERLEMENT 3 (RO) EXPOSANT FONCTION DE PONDERATION
n exponent of the weighting function used in the Roelvink breaking model.

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION
DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2

1.64 DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION

Type : Integer
Dimension : 0
Mnemo IDISRO
DEFAULT VALUE : 1
French keyword : DEFERLEMENT 3 (RO) DISTRIBUTION DES HAUTEURS DE HOULE
Selection of the wave height distribution for the Roelvink breaking model : 1...Weibull, 2...Rayleigh.

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION
DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2

1.65 DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY

Type : Integer
Dimension : 0
Mnemo IFRIH
DEFAULT VALUE : 5
French keyword : `DEFERLEMENT 4 (IH) CHOIX FREQUENCE CARACTERISTIQUE`
Selection of the characteristic frequency of the wave spectrum

- 1 : Frequency Fmoy
- 2 : Frequency F01 (defined by the moments of order 0 and 1 of the spectrum)
- 3 : Frequency F02 (defined by the moments of order 0 and 2 of the spectrum)
- 4 : Frequency Fpic (sampling frequency corresponding to the max)
- 5 : Frequency Fread ordre 5 (peak frequency, 5th order Read method
- 6 : Frequency Fread ordre 8 (peak frequency, 8th order Read method

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0
DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR

1.66 DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0

Type : Real
Dimension : 0
Mnemo Variable BETAIH
DEFAULT VALUE : 1.8
French keyword : `DEFERLEMENT 4 (IH) CONSTANTE BETA0`
coefficient BETA0 of the Izumiya and Horikawa model (1984).

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
NUMBER OF BREAKING TIME STEPS
DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR

1.67 DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR

Type : Real
Dimension : 0
Mnemo Variable EM2SIH
DEFAULT VALUE : 0.009
French keyword : `DEFERLEMENT 4 (IH) CONSTANTE M2STAR`
coefficient M2STAR of the Izumiya and Horikawa model (1984).

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
NUMBER OF BREAKING TIME STEPS
DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0

1.68 DEPTH-INDUCED BREAKING DISSIPATION

Type : Integer
Dimension : 0
Mnemo SBREK
DEFAULT VALUE : 0
French keyword : `DISSIPATION PAR DEFERLEMENT`
Selection of the modelling type of the bathymetric-induced breaking dissipation source term :

- 0 : Breaking is ignored.
- 1 : Battjes and Janssen model (1978).
- 2 : Thornton and Guza model (1983).
- 3 : Roelvink model (1993).
- 4 : Izumiya and Horikawa model (1984).

Related keywords

NUMBER OF BREAKING TIME STEPS
DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD
DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD
DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2
DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION
DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B
DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA
DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION
DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION
DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2
DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0
DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR

1.69 DESCRIPTION OF LIBRARIES

Type :	String
Dimension :	6
Mnemo	LINKLIBS
DEFAULT VALUE :	'builds|PPP|lib|tomawacMMMVVV.LLL; builds|PPP|lib|biefMMMVVV.LLL; builds|PPP|lib|hermesMMMVVV.LLL; builds|PPP|lib|damoMMMVVV.LLL; builds|PPP|lib|parallelMMMVVV.LLL; builds|PPP|lib|specialMMMVVV.LLL'
French keyword :	`DESCRIPTION DES LIBRAIRIES`

TOMAWAC LIBRARIES description

1.70 DICTIONARY

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

1.71 DIFFRACTION

Type : Integer
Dimension : 0
Mnemo DIFFRA
DEFAULT VALUE : 0
French keyword : DIFFRACTION
Caution : We do not guarantee the modele of diffraction. Select

- 0 : Diffraction is not taken into account
- 1 : Mild Slope Equation model (Berkhoff - 1972)
- 2 : Revised Mild Slope Equation model (Porter - 2003)

The phase-decoupled approach proposed by Holthuijsen (2003) is used to simulate diffraction in TOMAWAC

Related keywords
STARTING TIME STEP FOR DIFFRACTION
VARIANCE THRESHOLD FOR DIFFRACTION
DIFFRACTION FILTER

1.72 DIFFRACTION FILTER

Type : Logical
Dimension : 0
Mnemo Variable FLTDIF
DEFAULT VALUE : .FALSE.
French keyword : FILTRE POUR DIFFRACTION
If diffraction is considered, the keyword indicates whether the local amplitudes of the directional spectra are filtered to compute the diffraction parameter and the transfer rates.

Related keywords
DIFFRACTION
VARIANCE THRESHOLD FOR DIFFRACTION
STARTING TIME STEP FOR DIFFFRACTION

1.73 DISSIPATION BY STRONG CURRENT

Type : Integer
Dimension : 0
Mnemo SDSCU
DEFAULT VALUE : 0
French keyword : DISSIPATION PAR FORT COURANT

When wave-blocking effects are present (wave stopped by a strong opposing current), two options are possible. If its value is 1, an upper limit is imposed to the spectrum, using a Phillips (1977) shape. If its value is 2, a dissipative term is added, following Van der Westhuysen (2012).

Related keywords
DISSIPATION COEFFICIENT FOR STRONG CURRENT

1.74 DISSIPATION COEFFICIENT FOR STRONG CURRENT

Type :	Real
Dimension :	0
Mnemo	CDSCUR
DEFAULT VALUE :	0.65
French keyword :	`COEFFICIENT DE DISSIPATION PAR FORT COURANT`

Dissipation coefficient for waves stopped by a strong opposing current (wave blocking effects). Van der Westhuysen (2012) expression: Cds,cur.

Related keywords
DISSIPATION BY STRONG CURRENT

1.75 FINITE ELEMENT ASSEMBLY

Type :	Integer
Dimension :	0
Mnemo	MODASS
DEFAULT VALUE :	1
French keyword :	`ASSEMBLAGE EN ELEMENTS FINIS`

1: normal 2: with I8 integers

1.76 FORMATTED CURRENTS FILE

Type :	String
Dimension :	0
Mnemo	Variable WAC_FILES(WACCOF)
DEFAULT VALUE :	”
French keyword :	`FICHIER DES COURANTS FORMATE`

Name of the current data file (if formatted).

Related keywords
CONSIDERATION OF A STATIONARY CURRENT
CONSIDERATION OF TIDE
BINARY CURRENTS FILE
CURRENTS FILE FORMAT

1.77 FORMATTED FILE 1

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACFO1)
DEFAULT VALUE : ”
French keyword : FICHIER FORMATE 1
Formatted data file made available to the user.

1.78 FORMATTED TIDAL WATER LEVEL FILE

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACMAF)
DEFAULT VALUE : ”
French keyword : FICHIER DU NIVEAU DE LA MAREE FORMATE
Name of the current data file (if formatted).

Related keywords
CONSIDERATION OF TIDE
BINARY TIDAL WATER LEVEL FILE
TIDAL WATER LEVEL FILE FORMAT
TIDE REFRESHING PERIOD
TIDAL WATER LEVEL FILE BINARY

1.79 FORMATTED WINDS FILE

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACVEF)
DEFAULT VALUE : ”
French keyword : FICHIER DES VENTS FORMATE
Name of wind data file (if formatted).

Related keywords
CONSIDERATION OF WIND
BINARY WINDS FILE
WINDS FILE FORMAT

1.80 FORTRAN FILE

Type : String
Dimension : -1
Mnemo Variable NOMFOR
DEFAULT VALUE : ’DEFAUT1’
French keyword : FICHIER FORTRAN
Name of FORTRAN file to be submitted.

1.81 FREQUENTIAL RATIO

Type : Real
Dimension : 0
Mnemo RAISF
DEFAULT VALUE : 1.1
French keyword : RAISON FREQUENTIELLE
Define the ratio between 2 successive discretised frequencies

Related keywords
MINIMAL FREQUENCY
NUMBER OF FREQUENCIES
SPECTRUM TAIL FACTOR

1.82 GEOMETRY FILE

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACGEO)
DEFAULT VALUE : ”
French keyword : FICHIER DE GEOMETRIE
Name of the file containing the grid of the computation to be made.

Related keywords
GEOMETRY FILE BINARY

1.83 GEOMETRY FILE BINARY

Type : String
Dimension : 0
Mnemo Variable BINGEO
DEFAULT VALUE : ’STD’
French keyword : BINAIRE DU FICHIER DE GEOMETRIE
Type of the binary used for writing the geometry file. That type depends on the machine in which the file was generated. The possible values are as follows : - IBM; for a file created in an IBM machine; - I3E; for a file created in a HP machine; - STD; normal READ and WRITE instructions are then generated.

Related keywords
GEOMETRY FILE

1.84 GEOMETRY FILE FORMAT

Type : String
Dimension : -1
Mnemo WAC_FILES(WACGEO)
DEFAULT VALUE : ’SERAFIN’
French keyword : FORMAT DU FICHIER DE GEOMETRIE
Geometry file format. Possible values are:

- SERAFIN : classical single precision format in Telemac;

- SERAFIND: classical double precision format in Telemac;
- MED : MED format based on HDF5

1.85 GLOBAL RESULT FILE

Type : String
Dimension : 0
Mnemo Variable WAC_FILES(WACRBI)
DEFAULT VALUE : ”
French keyword : FICHIER DES RESULTATS GLOBAUX

Name of the file in which the table F (density spectrum) is written at the end of the computation in order to realise a next computation.

Related keywords
BINARY OF THE GLOBAL RESULT FILE

1.86 GLOBAL RESULT FILE BINARY

Type : String
Dimension : 0
Mnemo Variable BINRBI
DEFAULT VALUE : ’STD’
French keyword : BINAIRE DU FICHIER DES RESULTATS GLOBAUX

Type of the binary used for writing the global result file. That type depends on the machine in which the file was generated. The possible values are as follows :

- IBM; for a file created in an IBM machine;
- I3E; for a file created in a HP machine;
- STD; normal READ and WRITE instructions are then generated.

Related keywords
GLOBAL RESULT FILE

1.87 GLOBAL RESULT FILE FORMAT

Type : String
Dimension : -1
Mnemo WAC_FILES(WACRBI)
DEFAULT VALUE : ’SERAFIND’
French keyword : FORMAT DU FICHIER DES RESULTATS GLOBAUX

Previous computation results file format. Possible values are:

- SERAFIN : classical single precision format in Telemac;
- SERAFIND: classical double precision format in Telemac;
- MED : MED format based on HDF5

1.88 IMPLICITATION COEFFICIENT FOR SOURCE TERMS

Type : Real
Dimension : 0
Mnemo Variable CIMPLI
DEFAULT VALUE : 0.5
French keyword : `COEFFICIENT IMPLICITATION POUR TERMES SOURCES`

Implicitation coefficient for the source terms integration, included between 0 et 1.

- CIMPLI=0. : explicit
- CIMPLI=0.5 : semi-implicit
- CIMPLI=1. : implicit.

Related keywords
CONSIDERATION OF SOURCE TERMS

1.89 INFINITE DEPTH

Type : Logical
Dimension : 0
Mnemo Variable PROINF
DEFAULT VALUE : .FALSE.
French keyword : `PROFONDEUR INFINIE`

Indicates whether an infinite depth is assumed. If so, bottom friction is inhibited.

1.90 INITIAL ANGULAR DISTRIBUTION FUNCTION

Type : Integer
Dimension : 0
Mnemo FRABI
DEFAULT VALUE : 1
French keyword : `FONCTION DE REPARTITION ANGULAIRE INITIALE`

Is part of the set of constants used for computing the initial directional spectrum. Allow the computation of the angular distribution function

- 1 : $cos^{2s}(T-T0)$; with T in [T0-pi/2;T0+pi/2]
- 2 : $exp(-0.5((T-T0)/s)^2)$; with T in [T0-pi/2;T0+pi/2]
- 3 : $cos^{2s}((T-T0)/2)$ (of type Mitsuyasu)

where s is the boundary directionnal spread (`SPRED1` or `SPRED2`)

Related keywords
TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.91 INITIAL DIRECTIONAL SPREAD 1

Type : Real
Dimension : 0
Mnemo SPRED1
DEFAULT VALUE : 2.
French keyword : `ETALEMENT DIRECTIONNEL 1 INITIAL`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.92 INITIAL DIRECTIONAL SPREAD 2

Type : Real
Dimension : 0
Mnemo SPRED2
DEFAULT VALUE : 2.
French keyword : `ETALEMENT DIRECTIONNEL 2 INITIAL`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.93 INITIAL MAIN DIRECTION 1

Type : Real
Dimension : 0
Mnemo TETA1
DEFAULT VALUE : 0.
French keyword : `DIRECTION PRINCIPALE 1 INITIALE`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.94 INITIAL MAIN DIRECTION 2

Type : Real
Dimension : 0
Mnemo TETA2
DEFAULT VALUE : 0.
French keyword : `DIRECTION PRINCIPALE 2 INITIALE`

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.95 INITIAL MAXIMUM PEAK FREQUENCY

Type : Real
Dimension : 0
Mnemo FREMAX
DEFAULT VALUE : 0.2
French keyword : FREQUENCE DE PIC MAXIMALE INITIALE
Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords
TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.96 INITIAL MEAN FETCH VALUE

Type : Real
Dimension : 0
Mnemo FETCH
DEFAULT VALUE : 30000.
French keyword : VALEUR MOYENNE DU FETCH INITIAL
Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords
TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.97 INITIAL PEAK FACTOR

Type : Real
Dimension : 0
Mnemo GAMMA
DEFAULT VALUE : 3.3
French keyword : FACTEUR DE PIC INITIAL
Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords
TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.98 INITIAL PEAK FREQUENCY

Type : Real
Dimension : 0
Mnemo FPIC
DEFAULT VALUE : 0.067
French keyword : FREQUENCE DE PIC INITIALE
Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords
TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.99 INITIAL PHILLIPS CONSTANT

Type : Real
Dimension : 0
Mnemo ALPHIL
DEFAULT VALUE : 0.018
French keyword : CONSTANTE DE PHILLIPS INITIALE
Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords
TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.100 INITIAL SIGNIFICANT WAVE HEIGHT

Type : Real
Dimension : 0
Mnemo HM0
DEFAULT VALUE : 1.
French keyword : HAUTEUR SIGNIFICATIVE INITIALE
Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords
TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.101 INITIAL STILL WATER LEVEL

Type : Real
Dimension : 0
Mnemo ZREPOS
DEFAULT VALUE :
French keyword : COTE INITIALE DU PLAN D'EAU AU REPOS
Parameter used in the computation of the initial water DEPTH : DEPTH=ZREPOS-ZF.

1.102 INITIAL TIME SET TO ZERO

Type : Logical
Dimension : 0
Mnemo RAZTIM
DEFAULT VALUE : NO
French keyword : REMISE A ZERO DU TEMPS
Initial time set to zero in case of restart

1.103 INITIAL VALUE OF SIGMA-A FOR SPECTRUM

Type : Real
Dimension : 0
Mnemo SIGMAA
DEFAULT VALUE : 0.07
French keyword : VALEUR INITIALE DE SIGMA-A POUR SPECTRE
Is part of the set of constants used for computing the boundary directional spectrum as a function

of the wind field.

Related keywords

TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.104 INITIAL VALUE OF SIGMA-B FOR SPECTRUM

Type :	Real
Dimension :	0
Mnemo	SIGMAB
DEFAULT VALUE :	0.09
French keyword :	VALEUR INITIALE DE SIGMA-B POUR SPECTRE

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.105 INITIAL WEIGHTING FACTOR FOR ADF

Type :	Real
Dimension :	0
Mnemo	XLAMDA
DEFAULT VALUE :	1.
French keyword :	FACTEUR DE PONDERATION POUR FRA INITIALE

Is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords

TYPE OF INITIAL DIRECTIONAL SPECTRUM

1.106 LIMIT SPECTRUM MODIFIED BY USER

Type :	Logical
Dimension :	0
Mnemo	SPEULI
DEFAULT VALUE :	.FALSE.
French keyword :	SPECTRE AUX LIMITES MODIFIE PAR L'UTILISATEUR

Indicates whether the user wants to modify the boundary spectrum. He should then retrieve the limwac.f subroutine, if the spectrum is frequency discretized, or the spelim.f subroutine, otherwise.

Related keywords

TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

1.107 LINEAR WAVE GROWTH

Type :	Integer
Dimension :	0
Mnemo	LVENT
DEFAULT VALUE :	0
French keyword :	CROISSANCE LINEAIRE DES VAGUES

Possibility to add a linear wave growth term to the wind generation source term. If its value is 0, the linear wave growth is ignored; if its value is 1, it is added to the source term, as in the formula of Cavaleri and Malanotte-Rizzoli (1981).

Related keywords

CONSIDERATION OF A WIND
WINDS FILE

1.108 LIST OF FILES

Type :	String
Dimension :	21
Mnemo	
DEFAULT VALUE :	'STEERING FILE; DICTIONARY; FORTRAN FILE; GEOMETRY FILE; BOUNDARY CONDITIONS FILE; BOTTOM TOPOGRAPHY FILE; 2D RESULTS FILE; PUNCTUAL RESULTS FILE; PREVIOUS COMPUTATION FILE; GLOBAL RESULT FILE; BINARY CURRENTS FILE; FORMATTED CURRENTS FILE; BINARY FILE 1; FORMATTED FILE 1; BINARY WINDS FILE; FORMATTED WINDS FILE; PA'
French keyword :	LISTE DES FICHIERS

Names of the files used by the software

1.109 MAXIMUM VALUE OF THE RATIO HM0 ON D

Type :	Real
Dimension :	0
Mnemo	Variable COEFHS
DEFAULT VALUE :	1.
French keyword :	VALEUR MAXIMALE DU RAPPORT HM0 SUR D

At the beginning of the integration of the source terms, the wave height is lopped in order to satisfy the specified criterium.

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION

1.110 MINIMAL FREQUENCY

Type : Real
Dimension : 0
Mnemo F1
DEFAULT VALUE : 1
French keyword : FREQUENCE MINIMALE

Define the minimal frequency in Hz. The discretised frequencies are computed from the FREQUENTIAL RATIO r and the NUMBER OF FREQUENCIES NF by the relation $f = f_0 * r^{k-1}$ k=1,NF.

Related keywords
FREQUENTIAL RATIO
NUMBER OF FREQUENCIES
SPECTRUM TAIL FACTOR

1.111 MINIMUM WATER DEPTH

Type : Real
Dimension : 0
Mnemo Variable PROMIN
DEFAULT VALUE : 0.1
French keyword : PROFONDEUR D'EAU MINIMALE

Defines the minimum water depth below which bottom elevations are regarded as dry.

1.112 NAMES OF VARIABLES

Type : String
Dimension : 5
Mnemo NAMEU,NAMEV,NAMEWX,NAMEWY,NAMEH
DEFAULT VALUE : 'VITESSE U M/S;
VITESSE V M/S;
VENT X M/S;
VENT Y M/S;
HAUTEUR D'EAU M'
French keyword : NOMS DES VARIABLES

Names of variables in SERAFIN format files

- 1: Velocity U
- 2: Velocity V
- 3: Wind velocity along X
- 4: Wind velocity along Y
- 5: Depth

1.113 NEXT COMPUTATION

Type : Logical
Dimension : 0
Mnemo Variable SUIT
DEFAULT VALUE : .FALSE.
French keyword : SUITE DE CALCUL
Indicates whether a next compution is done.

Related keywords
PREVIOUS RESULTS FILE

1.114 NON-LINEAR TRANSFERS BETWEEN FREQUENCIES

Type : Integer
Dimension : 0
Mnemo STRIF
DEFAULT VALUE : 0
French keyword : TRANSFERTS NON LINEAIRES INTER-FREQUENCES
Selection of the modelling type of the non-linear transfert source term. If its value is 0, the non-linear transfers are ignored; if its value is 1, they are integrated in accordance with the formula of WAM cycle 4 (DIA method), if its value is 2, the MDIA (Multiple DIA) method is used to calculate the non linear transfer term, if its value is 3, the non linear transfer term is calculated with the exact GQM method.

Related keywords
STANDARD CONFIGURATION PARAMETER
SETTING FOR INTEGRATION ON OMEGA1
SETTING FOR INTEGRATION ON THETA1
SETTING FOR INTEGRATION ON OMEGA2
THRESHOLD0 FOR CONFIGURATIONS ELIMINATION
THRESHOLD1 FOR CONFIGURATIONS ELIMINATION
THRESHOLD2 FOR CONFIGURATIONS ELIMINATION

1.115 NUMBER OF BREAKING TIME STEPS

Type : Integer
Dimension : 0
Mnemo NDTBRK
DEFAULT VALUE : 1
French keyword : NOMBRE DE SOUS-PAS DE TEMPS POUR LE DEFERLEMENT
Number of time steps for the breaking source term. These time steps are in a geometric progression

Related keywords
DEPTH-INDUCED BREAKING DISSIPATION
COEFFICIENT FOR THE BREAKING TIME STEPS

1.116 NUMBER OF DIRECTIONS

Type : Integer
Dimension : 0
Mnemo NPLAN
DEFAULT VALUE : 12
French keyword : NOMBRE DE DIRECTIONS

Defines the number of wave propagation directions. The propagation directions are evenly distributed from 0 to 360 degrees.

1.117 NUMBER OF FIRST ITERATION FOR GRAPHICS PRINTOUTS

Type : Integer
Dimension : 0
Mnemo GRADEB
DEFAULT VALUE : 0
French keyword : NUMERO DE LA PREMIERE ITERATION POUR LES SORTIES GRAPHIQUES

Determines the number of iterations over mean angular frequency from which the results are first written into the 2D RESULTS FILE and the PUNCTUAL RESULTS FILE.

Related keywords
PERIOD FOR GRAPHIC PRINTOUTS
VARIABLES FOR 2D GRAPHIC PRINTOUTS
ABSCISSAE OF SPECTRUM PRINTOUT POINTS
ORDINATES OF SPECTRUM PRINTOUT POINTS
2D RESULTS FILE
PUNCTUAL RESULTS FILE

1.118 NUMBER OF FREQUENCIES

Type : Integer
Dimension : 0
Mnemo NF
DEFAULT VALUE : 15
French keyword : NOMBRE DE FREQUENCES

Defines the number of wave propagation frequencies. The propagation frequencies are geometrically distributed as a fonction of the MINIMAL FREQUENCY OF THE COMPUTATION and the FREQUENTIAL REASON

Related keywords
FREQUENTIAL RATIO
SPECTRUM TAIL FACTOR

1.119 NUMBER OF ITERATIONS FOR THE SOURCE TERMS

Type : Integer
Dimension : 0
Mnemo NSITS
DEFAULT VALUE : 1
French keyword : NOMBRE DE SOUS-ITERATIONS POUR LES TERMES SOURCES

Number of sub-iterations for the computation of the source terms. The time step considered in

the integration of the source terms is the ratio between the TIME STEP and the NUMBER OF SUB-ITERATIONS FOR THE SOURCE TERMS

Related keywords
TIME STEP

1.120 NUMBER OF PRIVATE ARRAYS

Type :	Integer
Dimension :	0
Mnemo	Variable NPRIV
DEFAULT VALUE :	0
French keyword :	NOMBRE DE TABLEAUX PRIVES

Number of private arrays used by the user

1.121 NUMBER OF TIME STEP

Type :	Integer
Dimension :	0
Mnemo	NIT
DEFAULT VALUE :	1
French keyword :	NOMBRE DE PAS DE TEMPS

Define the number of time step.

Related keywords
TIME STEP

1.122 OPTION FOR DIAGNOSTIC TAIL

Type :	Integer
Dimension :	0
Mnemo	DIAGHF
DEFAULT VALUE :	1
French keyword :	OPTION POUR LA QUEUE DIAGNOSTIQUE

Option to treat the spectrum diagnotic tail.

- 0 : No diagnostic tail
- 1 : A decrease in f^{-TAILF} is imposed beyond max(4fPM;2.5fmoy)

Related keywords
SPECTRUM TAIL FACTOR
NUMBER OF FREQUENCIES
FREQUENTIAL RATIO

1.123 OPTION FOR SECOND DERIVATIVES

Type : Integer
Dimension : 0
Mnemo OPTDER
DEFAULT VALUE : 1
French keyword : OPTION POUR LES DERIVEES SECONDES
1: Freemesh method 2: two simple derivatives

1.124 ORDINATES OF SPECTRUM PRINTOUT POINTS

Type : Real
Dimension : 2
Mnemo YLEO
DEFAULT VALUE :
French keyword : ORDONNEES DES POINTS DE SORTIE DU SPECTRE
Array providing the ordinates of the Seraphin spectrum printout points with a maximum dimension of 99. The spectrum printout points are the closest 2D points to the specified co-ordinates

Related keywords
ABSCISSAE OF SPECTRUM PRINTOUT POINTS
PUNCTUAL RESULT FILE

1.125 ORIGIN COORDINATES

Type : Integer
Dimension : 2
Mnemo I_ORIG,J_ORIG
DEFAULT VALUE : 0;0
French keyword : COORDONNEES DE L'ORIGINE
Value in metres, used to avoid large real numbers, added in Selafin format, but so far no other treatment

1.126 PARALLEL PROCESSORS

Type : Integer
Dimension : 0
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....

1.127 PARTITIONING TOOL

Type : String
Dimension : -1
Mnemo
DEFAULT VALUE : 'METIS'
French keyword : PARTITIONNEUR
PARTITIONING TOOL SELECTION

- 1 : METIS
- 2 : SCOTCH
- 3 : PARMETIS
- 4 : PTSCOTCH

1.128 PERIOD FOR GRAPHIC PRINTOUTS

Type :	Integer
Dimension :	0
Mnemo	GRAPRD
DEFAULT VALUE :	1
French keyword :	PERIODE POUR LES SORTIES GRAPHIQUES

Determines the printing period, in number of time step of the VARIABLES FOR 2D GRAPHIC PRINTOUTS in the 2D RESULTS FILE and the PUNCTUAL RESULTS FILE.

Related keywords

VARIABLES FOR 2D GRAPHIC PRINTOUTS
ABSCISSAE OF SPECTRUM PRINTOUT POINTS
ORDINATES OF SPECTRUM PRINTOUT POINTS
2D RESULTS FILE
PUNCTUAL RESULTS FILE
NUMBER OF FIRST ITERATION FOR GRAPHIC PRINTOUTS

1.129 PERIOD FOR LISTING PRINTOUTS

Type :	Integer
Dimension :	0
Mnemo	LISPRD
DEFAULT VALUE :	1
French keyword :	PERIODE POUR LES SORTIES LISTING

Determines the period, in number of time step of the software messages in the listing file.

1.130 PREVIOUS COMPUTATION FILE

Type :	String
Dimension :	0
Mnemo	Variable WAC_FILES(WACPRE)
DEFAULT VALUE :	”
French keyword :	FICHIER DU CALCUL PRECEDENT

Name of the file containing the global results of a previous computation realised with the same mesh. This file gives the initial conditions for a next computation.

Related keywords

BINARY OF THE PREVIOUS COMPUTATION FILE

1.131 PREVIOUS COMPUTATION FILE BINARY

Type :	String
Dimension :	0
Mnemo	Variable BINPRE
DEFAULT VALUE :	'STD'
French keyword :	`BINAIRE DU FICHIER DU CALCUL PRECEDENT`

Type of the binary used for reading the previous computation file. That type depends on the machine in which the file was generated. The possible values are as follows :

- IBM; for a file created in an IBM machine;
- I3E; for a file created in a HP machine;
- STD; normal READ and WRITE instructions are then generated.

Related keywords
PREVIOUS COMPUTATION FILE

1.132 PREVIOUS COMPUTATION FILE FORMAT

Type :	String
Dimension :	-1
Mnemo	WAC_FILES(WACPRE)
DEFAULT VALUE :	'SERAFIND'
French keyword :	`FORMAT DU FICHIER DU CALCUL PRECEDENT`

Previous computation results file format. Possible values are only:

- SERAFIN : classical single precision format in Telemac;
- SERAFIND: classical double precision format in Telemac;
- MED : MED format based on HDF5

1.133 PUNCTUAL RESULTS FILE

Type :	String
Dimension :	0
Mnemo	Variable WAC_FILES(WACLEO)
DEFAULT VALUE :	'spect'
French keyword :	`FICHIER DES RESULTATS PONCTUELS`

Name of the file into which the punctual spectra will be written.

Related keywords
PUNCTUAL RESULTS FILE BINARY
ABSCISSAE OF SPECTRUM PRINTOUT POINTS
ORDINATES OF SPECTRUM PRINTOUT POINTS
PERIOD FOR GRAPHIC PRINTOUTS
NUMBER OF FIRST ITERATION FOR GRAPHIC PRINTOUTS

1.134 PUNCTUAL RESULTS FILE BINARY

Type : String
Dimension : 0
Mnemo Variable BINLEO
DEFAULT VALUE : 'STD'
French keyword : BINAIRE DU FICHIER DES RESULTATS PONCTUELS

Type of the binary used for writing the puntual results file. That type depends on the machine in which the file was generated. The possible values are as follows :

- IBM; for a file created in an IBM machine;
- I3E; for a file created in a HP machine;
- STD; normal READ and WRITE instructions are then generated.

Related keywords
PUNCTUAL RESULTS FILE

1.135 RANK OF THE WATER LEVEL DATA IN THE TELEMAC FILE

Type : Integer
Dimension : 0
Mnemo IDHMA
DEFAULT VALUE : 4
French keyword : RANG DU NIVEAU DE LA MAREE DANS LE FICHIER TELEMAC

Rank of the water level data in the TELEMAC file

Related keywords
CONSIDERATION OF TIDE
BINARY TIDAL WATER LEVEL FILE
FORMATTED TIDAL WATER LEVEL FILE
TIDAL WATER LEVEL FILE BINARY
TIDE REFRESHING PERIOD

1.136 RECOVERY OF TELEMAC DATA ITEM

Type : Logical
Dimension : 0
Mnemo Variable DONTEL
DEFAULT VALUE : .FALSE.
French keyword : RECUPERATION DE DONNEE TELEMAC

Indicates whether TELEMAC data are recovered in LECDON. If so, a proper-formatted CURRENTS FILE should be used and the rank of the respective variable should be entered into the TELEMAC file.

Related keywords
BINARY CURRENTS FILE
FORMATTED CURRENTS FILE
CURRENTS FILE TYPE
RANK OF THE TELEMAC DATA ITEM TO BE RECOVERED
TIME INCREMENT NUMBER IN TELEMAC FILE

1.137 REFERENCE FILE

Type :	String
Dimension :	0
Mnemo	Variable WAC_FILES(WACREF)
DEFAULT VALUE :	”
French keyword :	FICHIER DE REFERENCE

Name of validation data file

Related keywords

VALIDATION

1.138 REFERENCE FILE FORMAT

Type :	String
Dimension :	-1
Mnemo	WAC_FILES(WACREF)
DEFAULT VALUE :	’SERAFIN’
French keyword :	FORMAT DU FICHIER DE REFERENCE

Previous computation results file format. Possible values are:

- SERAFIN : classical single precision format in Telemac;
- SERAFIND: classical double precision format in Telemac;
- MED : MED format based on HDF5

1.139 RELEASE

Type :	String
Dimension :	0
Mnemo	Variable VERS
DEFAULT VALUE :	’V7P2’
French keyword :	NUMERO DE VERSION

Release number

1.140 SATURATION THRESHOLD FOR THE DISSIPATION

Type :	Real
Dimension :	0
Mnemo	Variable CMOUT4
DEFAULT VALUE :	0.00175
French keyword :	SEUIL DE SATURATION POUR LA DISSIPATION

White capping dissipation coefficient of van der Westhuysen (2007): Br (saturation threshold).

Related keywords

WHITE CAPPING DISSIPATION
WESTHUYSEN DISSIPATION COEFFICIENT
WESTHUYSEN WHITE CAPPING DISSIPATION
WESTHUYSEN WEIGHTING COEFFICIENT

1.141 SETTING FOR INTEGRATION ON OMEGA1

Type : Integer
Dimension : 0
Mnemo Variable IQ_OM1
DEFAULT VALUE : 3
French keyword : `REGLAGE POUR INTEGRATION SUR OMEGA1`

Choice of setting giving the number of integration points on omega1 when the non linear transfer term is calculated with the exact GQM method: rough 3 ; medium 1 ; fine 2

1.142 SETTING FOR INTEGRATION ON OMEGA2

Type : Integer
Dimension : 0
Mnemo NQ_OM2
DEFAULT VALUE : 6
French keyword : `REGLAGE POUR INTEGRATION SUR OMEGA2`

Number of integration points on omega2 when the non linear transfer term is calculated with the exact GQM method: rough 6 ; medium 8 ; fine 12

1.143 SETTING FOR INTEGRATION ON THETA1

Type : Integer
Dimension : 0
Mnemo NQ_TE1
DEFAULT VALUE : 3
French keyword : `REGLAGE POUR INTEGRATION SUR THETA1`

Choice of setting giving the number of integration points on theta1 (number of integration points= 2*NQ_TE1) when the non linear transfer term is calculated with the exact GQM method: rough 3 ; medium 4 ; fine 8

1.144 SHIFT GROWING CURVE DUE TO WIND

Type : Real
Dimension : 0
Mnemo DECAL
DEFAULT VALUE : 0.011
French keyword : `DECALAGE COURBE DE CROISSANCE DUE AU VENT`

Constant used in the wind source term.

Related keywords

WIND GENERATION

1.145 SPECTRUM ENERGY THRESHOLD

Type : Real
Dimension : 0
Mnemo E2FMIN
DEFAULT VALUE : 1.D-30
French keyword : `SEUIL D'ENERGIE CONSIDERE POUR LE SPECTRE`

For initial conditions, the energy on a frequency-direction component lower to this threshold is taken to 0. Useful for comparisons with WAM cycle 4.

1.146 SPECTRUM FILE FORMAT

Type : String
Dimension : -1
Mnemo WAC_FILES(WACLEO)
DEFAULT VALUE : 'SERAFIN'
French keyword : FORMAT DU FICHIER DE SPECTRE
Spectrum results file format. Possible values are:

- SERAFIN : classical single precision format in Telemac;
- SERAFIND: classical double precision format in Telemac;
- MED : MED format based on HDF5

1.147 SPECTRUM TAIL FACTOR

Type : Real
Dimension : 0
Mnemo TAILF
DEFAULT VALUE : 5.
French keyword : FACTEUR DE QUEUE DU SPECTRE
Used to consider in the computations the contribution of the non discretised high frequencies

Related keywords
NUMBER OF FREQUENCIES
FREQUENTIAL RATIO

1.148 SPHERICAL COORDINATES

Type : Logical
Dimension : 0
Mnemo Variable SPHE
DEFAULT VALUE : .FALSE.
French keyword : COORDONNEES SPHERIQUES
Indicates whether the coordinates are spherical (unit= degree) or cartesian (unit = meter).

1.149 STANDARD CONFIGURATION PARAMETER

Type : Real
Dimension : 0
Mnemo Variable XLAMD
DEFAULT VALUE : 0.25
French keyword : PARAMETRE DE LA CONFIGURATION STANDARD
Parameter defining the standard configuration for the quadruplet interactions in the DIA method.

Related keywords
NON-LINEAR TRANSFERS

1.150 STARTING TIME STEP FOR DIFFFRACTION

Type : Integer
Dimension : 0
Mnemo NPTDIF
DEFAULT VALUE : 1
French keyword : PAS DE TEMPS DEBUT DIFFRACTION

Number of the time step from which the diffraction is taken into account until the end of the simulation.

Related keywords

DIFFRACTION
VARIANCE THRESHOLD FOR DIFFRACTION
DIFFRACTION FILTER

1.151 STATIONARY WIND

Type : Logical
Dimension : 0
Mnemo Variable VENSTA
DEFAULT VALUE : .TRUE.
French keyword : VENT STATIONNAIRE

Indicates whether the wind evolves temporally and requires to be updated

Related keywords

CONSIDERATION OF A WIND

1.152 STEERING FILE

Type : String
Dimension : 0
Mnemo Variable WACCAS
DEFAULT VALUE : 'cas'
French keyword : FICHIER DES PARAMETRES

Name of the file containing the parameters of the computation to be made.

1.153 THRESHOLD0 FOR CONFIGURATIONS ELIMINATION

Type : Real
Dimension : 0
Mnemo Variable SEUIL
DEFAULT VALUE : 0.00
French keyword : SEUIL0 ELIMINATION DE CONFIGURATIONS

Choice of threshold for configurations elimination when the non linear transfer term is calculated with the exact GQM method

Related keywords

THRESHOLD1 FOR CONFIGURATIONS ELIMINATION
THRESHOLD2 FOR CONFIGURATIONS ELIMINATION
NON-LINEAR TRANSFERS BETWEEN FREQUENCIES

1.154 THRESHOLD1 FOR CONFIGURATIONS ELIMINATION

Type : Real
Dimension : 0
Mnemo Variable SEUIL1
DEFAULT VALUE : 10000000000.0
French keyword : `SEUIL1 ELIMINATION DE CONFIGURATIONS`

Choice of threshold1 for configurations elimination when the non linear transfer term is calculated with the exact GQM method

Related keywords

THRESHOLD0 FOR CONFIGURATIONS ELIMINATION
THRESHOLD2 FOR CONFIGURATIONS ELIMINATION
NON-LINEAR TRANSFERS BETWEEN FREQUENCIES

1.155 THRESHOLD2 FOR CONFIGURATIONS ELIMINATION

Type : Real
Dimension : 0
Mnemo Variable SEUIL2
DEFAULT VALUE : 0.15
French keyword : `SEUIL2 ELIMINATION DE CONFIGURATIONS`

Choice of threshold2 for configurations elimination when the non linear transfer term is calculated with the exact GQM method: rough 0.15 ; medium 0.01 ; fine 0.001

Related keywords

THRESHOLD0 FOR CONFIGURATIONS ELIMINATION
THRESHOLD1 FOR CONFIGURATIONS ELIMINATION
NON-LINEAR TRANSFERS BETWEEN FREQUENCIES

1.156 TIDAL WATER LEVEL FILE BINARY

Type : String
Dimension : 0
Mnemo BINMAR
DEFAULT VALUE : 'STD'
French keyword : `BINAIRE DU FICHIER DU NIVEAU DE LA MAREE`

Type of the binary used for writing the currents file. That type depends on the machine in which the file was generated. The possible values are as follows :

- IBM; for a file created in an IBM machine;
- I3E; for a file created in a HP machine;
- STD; normal READ and WRITE instructions are then generated.

Related keywords
CONSIDERATION OF TIDE
BINARY TIDAL WATER LEVEL FILE
FORMATTED TIDAL WATER LEVEL FILE
TIDAL WATER LEVEL FILE FORMAT
TIDE REFRESHING PERIOD

1.157 TIDAL WATER LEVEL FILE FORMAT

Type : Integer
Dimension : 0
Mnemo INDIM
DEFAULT VALUE : 3
French keyword : FORMAT DU FICHIER DU NIVEAU DE LA MAREE
Selection of the type of tidal water level file format :

- 3 = selafin, TELEMAC type
- 4 = user format (the maruti.f procedure should then be amended)

Related keywords
CONSIDERATION OF TIDE
BINARY TIDAL WATER LEVEL FILE
FORMATTED TIDAL WATER LEVEL FILE
TIDAL WATER LEVEL FILE BINARY
TIDE REFRESHING PERIOD

1.158 TIDE REFRESHING PERIOD

Type : Integer
Dimension : 0
Mnemo LAM
DEFAULT VALUE : 1
French keyword : PERIODE D'ACTUALISATION DE LA MAREE
Determines the period in number of iterations to update the tidal currents and the water depth.

Related keywords
CONSIDERATION OF TIDE
BINARY TIDAL WATER LEVEL FILE
FORMATTED TIDAL WATER LEVEL FILE
TIDAL WATER LEVEL FILE BINARY
FORMAT DU FICHIER DU NIVEAU DE LA MAREE

1.159 TIME INCREMENT NUMBER IN TELEMAC FILE

Type : Integer
Dimension : 0
Mnemo NPTT
DEFAULT VALUE : 1
French keyword : NUMERO DU PAS DE TEMPS DU FICHIER TELEMAC
Indicates the number of the time increment in the TELEMAC results file (currents file) corresponding to the desired time for data recovery.

Related keywords
RANK OF THE TELEMAC DATA ITEM TO BE RECOVERED
RECOVERY OF TELEMAC DATA ITEM

1.160 TIME SHIFT IN CURRENTS FILE

Type : Real
Dimension : 0
Mnemo PHASCOB
DEFAULT VALUE : 0.
French keyword : DEPHASAGE DU FICHIER DES COURANTS
Will be withdrawn from the time read in the file. The unit is that of the file

1.161 TIME SHIFT IN TIDAL WATER LEVEL FILE

Type : Real
Dimension : 0
Mnemo PHASMAB
DEFAULT VALUE : 0.
French keyword : DEPHASAGE DU FICHIER DU NIVEAU DE LA MAREE
Will be withdrawn from the time read in the file. The unit is that of the file

1.162 TIME SHIFT IN WINDS FILE

Type : Real
Dimension : 0
Mnemo PHASVEB
DEFAULT VALUE : 0.
French keyword : DEPHASAGE DU FICHIER DES VENTS
Will be withdrawn from the time read in the file. The unit is that of the file

1.163 TIME STEP

Type : Real
Dimension : 0
Mnemo DT
DEFAULT VALUE : 1.
French keyword : PAS DE TEMPS
Define the time step in seconds.

Related keywords
NUMBER OF TIME STEPS

1.164 TIME UNIT IN CURRENTS FILE

Type :	Real
Dimension :	0
Mnemo	UNITCOB
DEFAULT VALUE :	1.
French keyword :	UNITE DE TEMPS DU FICHIER DES COURANTS

Unit given in seconds, for example 3600. if time is given in hours

1.165 TIME UNIT IN TIDAL WATER LEVEL FILE

Type :	Real
Dimension :	0
Mnemo	UNITMAB
DEFAULT VALUE :	1.
French keyword :	UNITE DE TEMPS DU FICHIER DU NIVEAU DE LA MAREE

Unit given in seconds, for example 3600. if time is given in hours

1.166 TIME UNIT IN WINDS FILE

Type :	Real
Dimension :	0
Mnemo	UNITVEB
DEFAULT VALUE :	1.
French keyword :	UNITE DE TEMPS DU FICHIER DES VENTS

Unit given in seconds, for example 3600. if time is given in hours

1.167 TITLE

Type :	String
Dimension :	0
Mnemo	Variable TITCAS
DEFAULT VALUE :	'SET A TITLE !!!'
French keyword :	TITRE

Title of the case being studied.

1.168 TRIAD INTERACTIONS

Type :	Integer
Dimension :	0
Mnemo	STRIA
DEFAULT VALUE :	0
French keyword :	TRANSFERTS ENTRE TRIPLETS DE FREQUENCES

Selection of the triad interaction model:

- 0 : no triad interactions
- 1 : LTA model (Eldeberky, 1996)
- 2 : SPB model (Becq, 1998)

Related keywords
TRIADS 1 (LTA) COEFFICIENT ALPHA
TRIADS 1 (LTA) COEFFICIENT RFMLTA
TRIADS 2 (SPB) COEFFICIENT K
TRIADS 2 (SPB) LOWER DIRECTIONAL BOUND
TRIADS 2 (SPB) UPPER DIRECTIONAL BOUND

1.169 TRIADS 1 (LTA) COEFFICIENT ALPHA

Type : Real
Dimension : 0
Mnemo Variable ALFLTA
DEFAULT VALUE :
French keyword : `TRIADS 1 (LTA) CONSTANTE ALPHA`
Coefficient alpha of the LTA model proposed by Eldeberky(1996). If alpha=0, no energy transfers. The energy transfers increase with alpha.

Related keywords
TRIAD INTERACTIONS
TRIADS 1 (LTA) COEFFICIENT RFMLTA

1.170 TRIADS 1 (LTA) COEFFICIENT RFMLTA

Type : Real
Dimension : 0
Mnemo Variable RFMLTA
DEFAULT VALUE : 2.5
French keyword : `TRIADS 1 (LTA) CONSTANTE RFMLTA`
RFMLTA determines the upper frequency on which the energy transfers may occur. The maximal frequency is calculated as the product of the constant RFMLTA by the peak frequency of the spectrum.

Related keywords
TRIAD INTERACTIONS
TRIADS 1 (LTA) COEFFICIENT ALPHA

1.171 TRIADS 2 (SPB) COEFFICIENT K

Type : Real
Dimension : 0
Mnemo Variable KSPB
DEFAULT VALUE : 0.34
French keyword : `TRIADS 2 (SPB) CONSTANTE K`
coefficient K of the SPB model

Related keywords
TRIAD INTERACTIONS
TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY
TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY

1.172 TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY

Type : Real
Dimension : 0
Mnemo Variable BDISPB
DEFAULT VALUE : 0.
French keyword : `TRIADS 2 (SPB) BORNE DIRECTIONNELLE INFERIEURE`
Lower directional boundary of the SPB model

Related keywords
TRIAD INTERACTIONS
TRIADS 2 (SPB) COEFFICIENT K
TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY

1.173 TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY

Type : Real
Dimension : 0
Mnemo Variable BDSSPB
DEFAULT VALUE : 360.
French keyword : `TRIADS 2 (SPB) BORNE DIRECTIONNELLE SUPERIEURE`
Upper directional boundary of the SPB model

Related keywords
TRIAD INTERACTIONS
TRIADS 2 (SPB) COEFFICIENT K
TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY

1.174 TRIGONOMETRICAL CONVENTION

Type : Logical
Dimension : 0
Mnemo TRIGO
DEFAULT VALUE : .FALSE.
French keyword : `CONVENTION TRIGONOMETRIQUE`
True if the wave directions are measured counterclockwise from the positive x-axis, false if they are measured clockwise fron geographic North

1.175 TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

Type : Integer
Dimension : 0
Mnemo Variable LIMSPE
DEFAULT VALUE : 0
French keyword : `TYPE DE SPECTRE DIRECTIONNEL AUX LIMITES`

If this keyword is set to 0, a non-existent spectrum is speci fied at the inlet boundaries of the domain. If it ranges from 1 to 7, a JONSWAP (or TMA) -typed spectrum is specified at these very points as a function of the initial wind field and/or of the values of the following keywords

Related keywords

BOUNDARY SIGNIFICANT HEIGHT
BOUNDARY PEAK FREQUENCY
BOUNDARY PEAK FACTOR
BOUNDARY VALUE OF SIGMA-A FOR SPECTRUM
BOUNDARY VALUE OF SIGMA-B FOR SPECTRUM
BOUNDARY PHILLIPS CONSTANT
BOUNDARY MEAN FETCH VALUE
BOUNDARY MAXIMUM PEAK FREQUENCY
BOUNDARY MAIN DIRECTION 1
BOUNDARY DIRECTIONAL SPREAD 1
BOUNDARY MAIN DIRECTION 2
BOUNDARY DIRECTIONAL SPREAD 2
BOUNDARY WEIGHTING FACTOR FOR ADF

1.176 TYPE OF INITIAL DIRECTIONAL SPECTRUM

Type : Integer
Dimension : 0
Mnemo INISPE
DEFAULT VALUE : 0
French keyword : `TYPE DE SPECTRE DIRECTIONNEL INITIAL`

If this keyword is set to 0, a non-existent spectrum is speci fied at the inlet boundaries of the domain. If it ranges from 1 to 7, a JONSWAP (or TMA)-typed spectrum is specified at these points as a function of the initial wind field and/or of the values of the following keywords

Related keywords

INITIAL SIGNIFICANT HEIGHT
INITIAL PEAK FREQUENCY
INITIAL PEAK FACTOR
INITIAL VALUE OF SIGMA-A FOR SPECTRUM
INITIAL VALUE OF SIGMA-B FOR SPECTRUM
INITIAL PHILLIPS CONSTANT
INITIAL MEAN FETCH VALUE
INITIAL MAXIMUM PEAK FREQUENCY
INITIAL MAIN DIRECTION 1
INITIAL DIRECTIONAL SPREAD 1
INITIAL MAIN DIRECTION 2
INITIAL DIRECTIONAL SPREAD 2
INITIAL WEIGHTING FACTOR FOR ADF

1.177 VALIDATION

Type : Logical
Dimension : 0
Mnemo VALID
DEFAULT VALUE : .FALSE.
French keyword : VALIDATION

True if the computation is a validation

Related keywords

REFERENCE FILE

1.178 VARIABLES FOR 2D GRAPHIC PRINTOUTS

Type : String
Dimension : 0
Mnemo Variable SORT2D
DEFAULT VALUE : 'HM0,DMOY'
French keyword : VARIABLES POUR LES SORTIES GRAPHIQUES 2D

Codes of the variables the user wants to write into the 2D RESULTS FILE. The available variables are as follows

- M0 : Total variance
- HM0 : Spectral significant wave height
- DMOY : Mean wave direction
- SPD : Mean directional spreading
- ZF : Sea bottom level
- WD : Water depth
- UX : Current along X
- UY : Current along Y

- VX : Wind along X
- VY : Wind along Y
- FX : Driving force along X
- FY : Driving force along Y
- SXX : Radiation stress along xx
- SYY : Radiation stress along yy
- SXY : Radiation stress along xy
- UWB : Bottom celerity
- POW : Wave power (per meter along wave crest)
- FMOY : Mean frequency FMOY
- FM01 : Mean frequency FM01
- FM02 : Mean frequency FM02
- FPD : Discrete peak frequency
- FPR5 : Peak frequency by Read method of order 5
- FPR8 : Peak frequency by Read method of order 8
- US : Surface friction velocity u*
- CD : Surface drag coefficient CD
- Z0 : Surface roughness length Z0
- WS : Surface wave stress
- TMOY : Mean period Tmoy
- TM01 : Mean period Tm01
- TM02 : Mean period Tm02
- TPD : Discrete peak period
- TPR5 : Peak period by Read method of order 5
- TPR8 : Peak period by Read method of order 8
- PRI : Private table
- BETA : Breaking waves coefficient

Related keywords

2D RESULTS FILE
NUMBER OF FIRST ITERATION FOR GRAPHIC PRINTOUTS
PERIOD FOR GRAPHIC PRINTOUTS

1.179 VARIANCE THRESHOLD FOR DIFFRACTION

Type : Real
Dimension : 0
Mnemo F2DIFM
DEFAULT VALUE : 1.D-12
French keyword : SEUIL DE VARIANCE CONSIDEREE POUR DIFFRACTION

Minimum spectral variance threshold taken into account when diffraction is considered

Related keywords
DIFFRACTION
STARTING TIME STEP FOR DIFFRACTION
DIFFRACTION FILTER

1.180 VECTOR LENGTH

Type : Integer
Dimension : 0
Mnemo LVMAC
DEFAULT VALUE : 1
French keyword : LONGUEUR DU VECTEUR

Indicates the vector length of the vectorial machine being used.

1.181 VEGETATION TAKEN INTO ACCOUNT

Type : Logical
Dimension : 1
Mnemo VEGETATION
DEFAULT VALUE : NO
French keyword : PRISE EN COMPTE DE LA VEGETATION

If YES, subroutine QVEG will be called, it contains data on vegetation that are case-specific and must thus be modified

1.182 VON KARMAN CONSTANT

Type : Real
Dimension : 0
Mnemo XKAPPA
DEFAULT VALUE : 0.41
French keyword : CONSTANTE DE VON KARMAN

Constant used in the wind source term.

Related keywords
WIND GENERATION

1.183 WATER DENSITY

Type : Real
Dimension : 0
Mnemo ROEAU
DEFAULT VALUE : 1000.
French keyword : DENSITE DE L'EAU

The ratio ROAIR/ROEAU is used in the wind generation source term.

Related keywords
WIND GENERATION
AIR DENSITY

1.184 WAVE GROWTH LIMITER

Type : Integer
Dimension : 0
Mnemo LIMIT
DEFAULT VALUE : 1
French keyword : LIMITEUR DE CROISSANCE
Choice of the wave growth limiter.

- If LIMIT=0, no wave growth limiter.
- If LIMIT=1, WAM 4 original limiter.
- If LIMIT=2, Hersbach et Janssen (1999) limiter.
- If LIMIT=3, Laugel BAJ limiter.

Related keywords
CONSIDERATION OF SOURCE TERMS

1.185 WESTHUYSEN DISSIPATION COEFFICIENT

Type : Real
Dimension : 0
Mnemo Variable CMOUT3
DEFAULT VALUE : 0.00005
French keyword : COEFFICIENT DE DISSIPATION DE WESTHUYSEN
White capping dissipation coefficient of van der Westhuysen (2007): Cdis,break.

Related keywords
WHITE CAPPING DISSIPATION
SATURATION THRESHOLD FOR THE DISSIPATION
WESTHUYSEN WHITE CAPPING DISSIPATION
WESTHUYSEN WEIGHTING COEFFICIENT

1.186 WESTHUYSEN WEIGHTING COEFFICIENT

Type : Real
Dimension : 0
Mnemo Variable CMOUT6
DEFAULT VALUE : 0.0
French keyword : COEFFICIENT DE PONDERATION DE WESTHUYSEN
White capping dissipation coefficient of van der Westhuysen (2007): delta.

Related keywords
WHITE CAPPING DISSIPATION
WESTHUYSEN DISSIPATION COEFFICIENT
SATURATION THRESHOLD FOR THE DISSIPATION
WESTHUYSEN WHITE CAPPING DISSIPATION

1.187 WESTHUYSEN WHITE CAPPING DISSIPATION

Type : Real
Dimension : 0
Mnemo Variable CMOUT5
DEFAULT VALUE : 3.29
French keyword : DISSIPATION PAR MOUTONNEMENT DE WESTHUYSEN
White capping dissipation coefficient of van der Westhuysen (2007): Cdis,non-break.

Related keywords
WHITE CAPPING DISSIPATION
WESTHUYSEN DISSIPATION COEFFICIENT
SATURATION THRESHOLD FOR THE DISSIPATION
WESTHUYSEN WEIGHTING COEFFICIENT

1.188 WHITE CAPPING DISSIPATION

Type : Integer
Dimension : 0
Mnemo SMOUT
DEFAULT VALUE : 0
French keyword : DISSIPATION PAR MOUTONNEMENT
Selection of the modelling type of the white capping source term. If its value is 0, the white capping dissipation is ignored; if its value is 1, it is integrated in accordance with a formula that is similar to that of WAM cycle 4; if its value is 2, it is integrated in accordance with the formula of van der Westhuysen (2007).

Related keywords
WHITE CAPPING DISSIPATION COEFFICIENT
WHITE CAPPING WEIGHTING COEFFICIENT
WESTHUYSEN DISSIPATION COEFFICIENT
SATURATION THRESHOLD FOR THE DISSIPATION
WESTHUYSEN WHITE CAPPING DISSIPATION
WESTHUYSEN WEIGHTING COEFFICIENT

1.189 WHITE CAPPING DISSIPATION COEFFICIENT

Type : Real
Dimension : 0
Mnemo CMOUT1
DEFAULT VALUE : 4.5
French keyword : COEFFICIENT DE DISSIPATION PAR MOUTONNEMENT
White capping dissipation coefficient .

Related keywords
WHITE CAPPING DISSIPATION
WHITE CAPPING WEIGHTING COEFFICIENT

1.190 WHITE CAPPING WEIGHTING COEFFICIENT

Type : Real
Dimension : 0
Mnemo CMOUT2
DEFAULT VALUE : 0.5
French keyword : COEFFICIENT DE PONDERATION POUR LE MOUTONNEMENT
White capping weighting coefficient.

Related keywords
WHITE CAPPING DISSIPATION
WHITE CAPPING DISSIPATION COEFFICIENT

1.191 WIND DRAG COEFFICIENT

Type : Real
Dimension : 0
Mnemo CDRAG
DEFAULT VALUE : 1.2875E-3
French keyword : COEFFICIENT DE TRAINEE DE VENT
Constant used in the wind source term.

Related keywords
WIND GENERATION

1.192 WIND GENERATION

Type : Integer
Dimension : 0
Mnemo SVENT
DEFAULT VALUE : 0
French keyword : APPORTS DUS AU VENT
Selection of the type of modelling of the wind generation source term. If its value is 0, the wind generation is ignored; if its value is 1, it is integrated in accordance with the WAM cycle 4 formula; if its value is 2, it is integrated in accordance with the WAM cycle 3 formula; if its value is 3, it is integrated in accordance with the Yan (1987) expression.

Related keywords

CONSIDERATION OF A WIND
WINDS FILE
AIR DENSITY
WATER DENSITY
WIND GENERATION COEFFICIENT
VON KARMAN CONSTANT
CHARNOCK CONSTANT
SHIFT GROWING CURVE DUE TO WIND
WIND MEASUREMENTS LEVEL
WIND DRAG COEFFICIENT
WIND GENERATION COEFFICIENT A
WIND GENERATION COEFFICIENT B
WIND GENERATION COEFFICIENT C
WIND GENERATION COEFFICIENT D
WIND GENERATION COEFFICIENT TM

1.193 WIND GENERATION COEFFICIENT

Type : Real
Dimension : 0
Mnemo BETAM
DEFAULT VALUE : 1.2
French keyword : `COEFFICIENT DE GENERATION PAR LE VENT`

Constant used in the wind source term.

Related keywords

WIND GENERATION

1.194 WIND MEASUREMENTS LEVEL

Type : Real
Dimension : 0
Mnemo ZVENT
DEFAULT VALUE : 10.
French keyword : `COTE DE MESURE DES VENTS`

Constant used in the wind source term.

Related keywords

WIND GENERATION

1.195 WIND VELOCITY ALONG X

Type : Real
Dimension : 0
Mnemo Variable VX_CTE
DEFAULT VALUE : 0.
French keyword : `VITESSE DU VENT SUIVANT X`

Wind velocity along X axis, constant and homogeneous (m/s)

Related keywords
CONSIDERATION OF A WIND

1.196 WIND VELOCITY ALONG Y

Type :	Real
Dimension :	0
Mnemo	Variable VY_CTE
DEFAULT VALUE :	0.
French keyword :	VITESSE DU VENT SUIVANT Y

Wind velocity along Y axis, constant and homogeneous (m/s)

Related keywords
CONSIDERATION OF A WIND

1.197 WINDS FILE BINARY

Type :	String
Dimension :	0
Mnemo	Variable BINVEN
DEFAULT VALUE :	'STD'
French keyword :	BINAIRE DU FICHIER DES VENTS

Type of the binary used for writing the winds file. This type depends on the machine in which the file was generated. The possible values are the same as for the geometry file. WARNING! This file is a binary one is the keyword WINDS FILE FORMAT is higher than or equal to 3.

Related keywords
BINARY WINDS FILE
WINDS FILE FORMAT

1.198 WINDS FILE FORMAT

Type :	Integer
Dimension :	0
Mnemo	INDIV
DEFAULT VALUE :	3
French keyword :	FORMAT DU FICHIER DES VENTS

Selection of winds file format type :

- 3 = selafin, TELEMAC type
- 4 = user format (the venuti.f procedure should then be amended)

Related keywords
WINDS FILE TYPE
WINDS FILE
WINDS FILE BINARY

1.199 YAN GENERATION COEFFICIENT D

Type : Real
Dimension : 0
Mnemo Variable COEFWD
DEFAULT VALUE : 0.04
French keyword : `COEFFICIENT DE GENERATION DE YAN D`
Constant used in the wind source term of Yan (1987).

Related keywords
WIND GENERATION
YAN GENERATION COEFFICIENT E
YAN GENERATION COEFFICIENT F
YAN GENERATION COEFFICIENT H

1.200 YAN GENERATION COEFFICIENT E

Type : Real
Dimension : 0
Mnemo Variable COEFWE
DEFAULT VALUE : 0.00552
French keyword : `COEFFICIENT DE GENERATION DE YAN E`
Constant used in the wind source term of Yan (1987).

Related keywords
WIND GENERATION
YAN GENERATION COEFFICIENT D
YAN GENERATION COEFFICIENT F
YAN GENERATION COEFFICIENT H

1.201 YAN GENERATION COEFFICIENT F

Type : Real
Dimension : 0
Mnemo Variable COEFWF
DEFAULT VALUE : 0.000052
French keyword : `COEFFICIENT DE GENERATION DE YAN F`
Constant used in the wind source term of Yan (1987).

Related keywords
WIND GENERATION
YAN GENERATION COEFFICIENT D
YAN GENERATION COEFFICIENT E
YAN GENERATION COEFFICIENT H

1.202 YAN GENERATION COEFFICIENT H

Type :	Real
Dimension :	0
Mnemo	Variable COEFWH
DEFAULT VALUE :	-0.000302
French keyword :	COEFFICIENT DE GENERATION DE YAN H

Constant used in the wind source term of Yan (1987).

Related keywords

WIND GENERATION
YAN GENERATION COEFFICIENT D
YAN GENERATION COEFFICIENT E
YAN GENERATION COEFFICIENT F

2. List of keywords classified according to type

2.1 BOTTOM FRICTION

BOTTOM FRICTION COEFFICIENT
BOTTOM FRICTION DISSIPATION

2.2 BOUNDARY CONDITIONS

BOUNDARY ANGULAR DISTRIBUTION FUNCTION
BOUNDARY DIRECTIONAL SPREAD 1
BOUNDARY DIRECTIONAL SPREAD 2
BOUNDARY MAIN DIRECTION 1
BOUNDARY MAIN DIRECTION 2
BOUNDARY MAXIMUM PEAK FREQUENCY
BOUNDARY MEAN FETCH VALUE
BOUNDARY PEAK FACTOR
BOUNDARY PEAK FREQUENCY
BOUNDARY PHILLIPS CONSTANT
BOUNDARY SIGNIFICANT WAVE HEIGHT
BOUNDARY SPECTRUM VALUE OF SIGMA-A
BOUNDARY SPECTRUM VALUE OF SIGMA-B
BOUNDARY WEIGHTING FACTOR FOR ADF
LIMIT SPECTRUM MODIFIED BY USER
TYPE OF BOUNDARY DIRECTIONAL SPECTRUM

2.3 BREAKING

COEFFICIENT OF THE TIME SUB-INCREMENTS FOR BREAKING
DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2
DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD
DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD

DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B
DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA
DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION
DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2
DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION
DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION
DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY
DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0
DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR
DEPTH-INDUCED BREAKING DISSIPATION
MAXIMUM VALUE OF THE RATIO HM0 ON D
NUMBER OF BREAKING TIME STEPS

2.4 COMPUTATION ENVIRONMENT

DICTIONARY

2.5 COMPUTATIONAL INFORMATION

DEFAULT EXECUTABLE
DEFAULT PARALLEL EXECUTABLE
DESCRIPTION OF LIBRARIES

2.6 CURRENT

CONSIDERATION OF A STATIONARY CURRENT
CURRENTS FILE FORMAT

2.7 DATA FILE

2D RESULTS FILE FORMAT
BINARY CURRENTS FILE
BINARY CURRENTS FILE FORMAT
BINARY DATA FILE 1 FORMAT
BINARY TIDAL WATER FILE FORMAT
BINARY TIDAL WATER LEVEL FILE
BINARY WINDS FILE
BINARY WINDS FILE FORMAT
BOTTOM TOPOGRAPHY FILE
BOUNDARY CONDITIONS FILE
FORMATTED CURRENTS FILE
FORMATTED FILE 1

FORMATTED TIDAL WATER LEVEL FILE
FORTRAN FILE
GEOMETRY FILE
GEOMETRY FILE FORMAT
GLOBAL RESULT FILE FORMAT
NAMES OF VARIABLES
PREVIOUS COMPUTATION FILE
PREVIOUS COMPUTATION FILE FORMAT
REFERENCE FILE
REFERENCE FILE FORMAT
SPECTRUM FILE FORMAT
STEERING FILE
TIME SHIFT IN CURRENTS FILE
TIME SHIFT IN TIDAL WATER LEVEL FILE
TIME SHIFT IN WINDS FILE
TIME UNIT IN CURRENTS FILE
TIME UNIT IN TIDAL WATER LEVEL FILE
TIME UNIT IN WINDS FILE

2.8 DIFFRACTION

DIFFRACTION
DIFFRACTION FILTER
OPTION FOR SECOND DERIVATIVES
STARTING TIME STEP FOR DIFFFRACTION
VARIANCE THRESHOLD FOR DIFFRACTION

2.9 DISSIPATION

DISSIPATION BY STRONG CURRENT
DISSIPATION COEFFICIENT FOR STRONG CURRENT

2.10 GENERAL

CHECKING THE MESH
CONSIDERATION OF PROPAGATION
CONSIDERATION OF SOURCE TERMS
DEBUGGER
FINITE ELEMENT ASSEMBLY
IMPLICITATION COEFFICIENT FOR SOURCE TERMS
INFINITE DEPTH
INITIAL TIME SET TO ZERO
MINIMUM WATER DEPTH
NEXT COMPUTATION
PARTITIONING TOOL
SPHERICAL COORDINATES
TITLE

TRIGONOMETRICAL CONVENTION
VALIDATION
VEGETATION TAKEN INTO ACCOUNT
WAVE GROWTH LIMITER
WIND VELOCITY ALONG X
WIND VELOCITY ALONG Y

2.11 INITIAL CONDITIONS

INITIAL ANGULAR DISTRIBUTION FUNCTION
INITIAL DIRECTIONAL SPREAD 1
INITIAL DIRECTIONAL SPREAD 2
INITIAL MAIN DIRECTION 1
INITIAL MAIN DIRECTION 2
INITIAL MAXIMUM PEAK FREQUENCY
INITIAL MEAN FETCH VALUE
INITIAL PEAK FACTOR
INITIAL PEAK FREQUENCY
INITIAL PHILLIPS CONSTANT
INITIAL SIGNIFICANT WAVE HEIGHT
INITIAL STILL WATER LEVEL
INITIAL VALUE OF SIGMA-A FOR SPECTRUM
INITIAL VALUE OF SIGMA-B FOR SPECTRUM
INITIAL WEIGHTING FACTOR FOR ADF
TYPE OF INITIAL DIRECTIONAL SPECTRUM

2.12 INPUT-OUTPUT, FILES

BINARY FILE 1
LIST OF FILES

2.13 INPUT-OUTPUT, INFORMATION

DEFAULT EXECUTABLE
DEFAULT PARALLEL EXECUTABLE
DESCRIPTION OF LIBRARIES
DICTIONARY

2.14 MISCELLANEOUS

BOTTOM SMOOTHINGS
NUMBER OF PRIVATE ARRAYS
ORIGIN COORDINATES
PARALLEL PROCESSORS
RECOVERY OF TELEMAC DATA ITEM

TIME INCREMENT NUMBER IN TELEMAC FILE

2.15 NAMES

BINARY FILE 1
LIST OF FILES

2.16 NUMERICAL PARAMETERS

FINITE ELEMENT ASSEMBLY
INITIAL TIME SET TO ZERO
PARTITIONING TOOL
VEGETATION TAKEN INTO ACCOUNT

2.17 RESULTS

1D SPECTRA RESULTS FILE
2D RESULTS FILE
ABSCISSAE OF SPECTRUM PRINTOUT POINTS
GLOBAL RESULT FILE
NUMBER OF FIRST ITERATION FOR GRAPHICS PRINTOUTS
ORDINATES OF SPECTRUM PRINTOUT POINTS
PERIOD FOR GRAPHIC PRINTOUTS
PERIOD FOR LISTING PRINTOUTS
PUNCTUAL RESULTS FILE
VARIABLES FOR 2D GRAPHIC PRINTOUTS

2.18 SPECTRUM

BAJ MODELING
FREQUENTIAL RATIO
MINIMAL FREQUENCY
NUMBER OF DIRECTIONS
NUMBER OF FREQUENCIES
OPTION FOR DIAGNOSTIC TAIL
SPECTRUM ENERGY THRESHOLD
SPECTRUM TAIL FACTOR

2.19 TIDE

CONSIDERATION OF TIDE
RANK OF THE WATER LEVEL DATA IN THE TELEMAC FILE
TIDAL WATER LEVEL FILE FORMAT
TIDE REFRESHING PERIOD

2.20 TIME

DATE OF COMPUTATION BEGINNING
NUMBER OF ITERATIONS FOR THE SOURCE TERMS
NUMBER OF TIME STEP
TIME STEP

2.21 TRANSFERS

NON-LINEAR TRANSFERS BETWEEN FREQUENCIES
SETTING FOR INTEGRATION ON OMEGA1
SETTING FOR INTEGRATION ON OMEGA2
SETTING FOR INTEGRATION ON THETA1
STANDARD CONFIGURATION PARAMETER
THRESHOLD0 FOR CONFIGURATIONS ELIMINATION
THRESHOLD1 FOR CONFIGURATIONS ELIMINATION
THRESHOLD2 FOR CONFIGURATIONS ELIMINATION
TRIAD INTERACTIONS
TRIADS 1 (LTA) COEFFICIENT ALPHA
TRIADS 1 (LTA) COEFFICIENT RFMLTA
TRIADS 2 (SPB) COEFFICIENT K
TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY
TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY

2.22 USELESS

BINARY FILE 1 BINARY
CURRENTS FILE BINARY
GEOMETRY FILE BINARY
GLOBAL RESULT FILE BINARY
PREVIOUS COMPUTATION FILE BINARY
PUNCTUAL RESULTS FILE BINARY
RELEASE
TIDAL WATER LEVEL FILE BINARY
VECTOR LENGTH
WINDS FILE BINARY

2.23 WHITE CAPPING

SATURATION THRESHOLD FOR THE DISSIPATION
WESTHUYSEN DISSIPATION COEFFICIENT
WESTHUYSEN WEIGHTING COEFFICIENT
WESTHUYSEN WHITE CAPPING DISSIPATION
WHITE CAPPING DISSIPATION
WHITE CAPPING DISSIPATION COEFFICIENT
WHITE CAPPING WEIGHTING COEFFICIENT

2.24 WIND

AIR DENSITY
CHARNOCK CONSTANT
CONSIDERATION OF A WIND
LINEAR WAVE GROWTH
SHIFT GROWING CURVE DUE TO WIND
STATIONARY WIND
VON KARMAN CONSTANT
WATER DENSITY
WIND DRAG COEFFICIENT
WIND GENERATION
WIND GENERATION COEFFICIENT
WIND MEASUREMENTS LEVEL
WINDS FILE FORMAT
YAN GENERATION COEFFICIENT D
YAN GENERATION COEFFICIENT E
YAN GENERATION COEFFICIENT F
YAN GENERATION COEFFICIENT H

3. Glossary

3.1 English/French glossary

1D SPECTRA RESULTS FILE	FICHIER DES RESULTATS SPECTRES 1D
2D RESULTS FILE	FICHIER DES RESULTATS 2D
2D RESULTS FILE FORMAT	FORMAT DU FICHIER DES RESULTATS 2D
ABSCISSAE OF SPECTRUM PRINTOUT POINTS	ABSCISSES DES POINTS DE SORTIE DU SPECTRE
AIR DENSITY	DENSITE DE L'AIR
BAJ MODELING	MODELISATION BAJ
BINARY CURRENTS FILE	FICHIER DES COURANTS BINAIRE
BINARY CURRENTS FILE FORMAT	FORMAT DU FICHIER DES COURANTS BINAIRE
BINARY DATA FILE 1 FORMAT	FORMAT DU FICHIER DE DONNEES BINAIRE 1
BINARY FILE 1	FICHIER BINAIRE 1
BINARY FILE 1 BINARY	BINAIRE DU FICHIER BINAIRE 1
BINARY TIDAL WATER FILE FORMAT	FORMAT DU FICHIER DE LA MAREE BINAIRE
BINARY TIDAL WATER LEVEL FILE	FICHIER DU NIVEAU DE LA MAREE BINAIRE
BINARY WINDS FILE	FICHIER DES VENTS BINAIRE
BINARY WINDS FILE FORMAT	FORMAT DU FICHIER DES VENTS BINAIRE
BOTTOM FRICTION COEFFICIENT	COEFFICIENT DE FROTTEMENT SUR LE FOND
BOTTOM FRICTION DISSIPATION	DISSIPATION PAR FROTTEMENT SUR LE FOND
BOTTOM SMOOTHINGS	LISSAGES DU FOND
BOTTOM TOPOGRAPHY FILE	FICHIER DES FONDS
BOUNDARY ANGULAR DISTRIBUTION FUNCTION	FONCTION DE REPARTITION ANGULAIRE AUX LIMITES

BOUNDARY CONDITIONS FILE	FICHIER DES CONDITIONS AUX LIMITES
BOUNDARY DIRECTIONAL SPREAD 1	ETALEMENT DIRECTIONNEL 1 AUX LIMITES
BOUNDARY DIRECTIONAL SPREAD 2	ETALEMENT DIRECTIONNEL 2 AUX LIMITES
BOUNDARY MAIN DIRECTION 1	DIRECTION PRINCIPALE 1 AUX LIMITES
BOUNDARY MAIN DIRECTION 2	DIRECTION PRINCIPALE 2 AUX LIMITES
BOUNDARY MAXIMUM PEAK FREQUENCY	FREQUENCE DE PIC MAXIMALE AUX LIMITES
BOUNDARY MEAN FETCH VALUE	VALEUR MOYENNE DU FETCH AUX LIMITES
BOUNDARY PEAK FACTOR	FACTEUR DE PIC AUX LIMITES
BOUNDARY PEAK FREQUENCY	FREQUENCE DE PIC AUX LIMITES
BOUNDARY PHILLIPS CONSTANT	CONSTANTE DE PHILLIPS AUX LIMITES
BOUNDARY SIGNIFICANT WAVE HEIGHT	HAUTEUR SIGNIFICATIVE AUX LIMITES
BOUNDARY SPECTRUM VALUE OF SIGMA-A	VALEUR AUX LIMITES DE SIGMA-A POUR SPECTRE
BOUNDARY SPECTRUM VALUE OF SIGMA-B	VALEUR AUX LIMITES DE SIGMA-B POUR SPECTRE
BOUNDARY WEIGHTING FACTOR FOR ADF	FACTEUR DE PONDERATION POUR FRA AUX LIMITES
CHARNOCK CONSTANT	CONSTANTE DE CHARNOCK
CHECKING THE MESH	VERIFICATION DU MAILLAGE
COEFFICIENT OF THE TIME SUB-INCREMENTS FOR BREAKING	COEFFICIENT POUR LES SOUS-PAS DE TEMPS POUR LE DEFERLEMENT
CONSIDERATION OF A STATIONARY CURRENT	PRISE EN COMPTE D'UN COURANT STATIONNAIRE
CONSIDERATION OF A WIND	PRISE EN COMPTE DU VENT
CONSIDERATION OF PROPAGATION	PRISE EN COMPTE DE LA PROPAGATION
CONSIDERATION OF SOURCE TERMS	PRISE EN COMPTE DES TERMES SOURCES
CONSIDERATION OF TIDE	PRISE EN COMPTE DE LA MAREE
CURRENTS FILE BINARY	BINAIRE DU FICHIER DES COURANTS
CURRENTS FILE FORMAT	FORMAT DU FICHIER DES COURANTS
DATE OF COMPUTATION BEGINNING	DATE DE DEBUT DU CALCUL
DEBUGGER	DEBUGGER
DEFAULT EXECUTABLE	EXECUTABLE PAR DEFAUT
DEFAULT PARALLEL EXECUTABLE	EXECUTABLE PARALLELE PAR DEFAUT
DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY	DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE

DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA	DEFERLEMENT 1 (BJ) CONSTANTE ALPHA
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1	DEFERLEMENT 1 (BJ) CONSTANTE GAMMA1
DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2	DEFERLEMENT 1 (BJ) CONSTANTE GAMMA2
DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD	DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM
DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD	DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB
DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY	DEFERLEMENT 2 (TG) CHOIX FREQUENCE CARACTERISTIQUE
DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B	DEFERLEMENT 2 (TG) CONSTANTE B
DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA	DEFERLEMENT 2 (TG) CONSTANTE GAMMA
DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION	DEFERLEMENT 2 (TG) FONCTION DE PONDERATION
DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY	DEFERLEMENT 3 (RO) CHOIX FREQUENCE CARACTERISTIQUE
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA	DEFERLEMENT 3 (RO) CONSTANTE ALPHA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA	DEFERLEMENT 3 (RO) CONSTANTE GAMMA
DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2	DEFERLEMENT 3 (RO) CONSTANTE GAMMA2
DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION	DEFERLEMENT 3 (RO) EXPOSANT FONCTION DE PONDERATION
DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION	DEFERLEMENT 3 (RO) DISTRIBUTION DES HAUTEURS DE HOULE
DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY	DEFERLEMENT 4 (IH) CHOIX FREQUENCE CARACTERISTIQUE
DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0	DEFERLEMENT 4 (IH) CONSTANTE BETA0
DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR	DEFERLEMENT 4 (IH) CONSTANTE M2STAR
DEPTH-INDUCED BREAKING DISSIPATION	DISSIPATION PAR DEFERLEMENT
DESCRIPTION OF LIBRARIES	DESCRIPTION DES LIBRAIRIES
DICTIONARY	DICTIONNAIRE
DIFFRACTION	DIFFRACTION
DIFFRACTION FILTER	FILTRE POUR DIFFRACTION
DISSIPATION BY STRONG CURRENT	DISSIPATION PAR FORT COURANT
DISSIPATION COEFFICIENT FOR STRONG CURRENT	COEFFICIENT DE DISSIPATION PAR FORT COURANT
FINITE ELEMENT ASSEMBLY	ASSEMBLAGE EN ELEMENTS FINIS
FORMATTED CURRENTS FILE	FICHIER DES COURANTS FORMATE

FORMATTED FILE 1	FICHIER FORMATE 1
FORMATTED TIDAL WATER LEVEL FILE	FICHIER DU NIVEAU DE LA MAREE FORMATE
FORMATTED WINDS FILE	FICHIER DES VENTS FORMATE
FORTRAN FILE	FICHIER FORTRAN
FREQUENTIAL RATIO	RAISON FREQUENTIELLE
GEOMETRY FILE	FICHIER DE GEOMETRIE
GEOMETRY FILE BINARY	BINAIRE DU FICHIER DE GEOMETRIE
GEOMETRY FILE FORMAT	FORMAT DU FICHIER DE GEOMETRIE
GLOBAL RESULT FILE	FICHIER DES RESULTATS GLOBAUX
GLOBAL RESULT FILE BINARY	BINAIRE DU FICHIER DES RESULTATS GLOBAUX
GLOBAL RESULT FILE FORMAT	FORMAT DU FICHIER DES RESULTATS GLOBAUX
IMPLICITATION COEFFICIENT FOR SOURCE TERMS	COEFFICIENT IMPLICITATION POUR TERMES SOURCES
INFINITE DEPTH	PROFONDEUR INFINIE
INITIAL ANGULAR DISTRIBUTION FUNCTION	FONCTION DE REPARTITION ANGULAIRE INITIALE
INITIAL DIRECTIONAL SPREAD 1	ETALEMENT DIRECTIONNEL 1 INITIAL
INITIAL DIRECTIONAL SPREAD 2	ETALEMENT DIRECTIONNEL 2 INITIAL
INITIAL MAIN DIRECTION 1	DIRECTION PRINCIPALE 1 INITIALE
INITIAL MAIN DIRECTION 2	DIRECTION PRINCIPALE 2 INITIALE
INITIAL MAXIMUM PEAK FREQUENCY	FREQUENCE DE PIC MAXIMALE INITIALE
INITIAL MEAN FETCH VALUE	VALEUR MOYENNE DU FETCH INITIAL
INITIAL PEAK FACTOR	FACTEUR DE PIC INITIAL
INITIAL PEAK FREQUENCY	FREQUENCE DE PIC INITIALE
INITIAL PHILLIPS CONSTANT	CONSTANTE DE PHILLIPS INITIALE
INITIAL SIGNIFICANT WAVE HEIGHT	HAUTEUR SIGNIFICATIVE INITIALE
INITIAL STILL WATER LEVEL	COTE INITIALE DU PLAN D'EAU AU REPOS
INITIAL TIME SET TO ZERO	REMISE A ZERO DU TEMPS
INITIAL VALUE OF SIGMA-A FOR SPECTRUM	VALEUR INITIALE DE SIGMA-A POUR SPECTRE
INITIAL VALUE OF SIGMA-B FOR SPECTRUM	VALEUR INITIALE DE SIGMA-B POUR SPECTRE
INITIAL WEIGHTING FACTOR FOR ADF	FACTEUR DE PONDERATION POUR FRA INITIALE
LIMIT SPECTRUM MODIFIED BY USER	SPECTRE AUX LIMITES MODIFIE PAR L'UTILISATEUR
LINEAR WAVE GROWTH	CROISSANCE LINEAIRE DES VAGUES
LIST OF FILES	LISTE DES FICHIERS
MAXIMUM VALUE OF THE RATIO HM0 ON D	VALEUR MAXIMALE DU RAPPORT HM0 SUR D

MINIMAL FREQUENCY	FREQUENCE MINIMALE
MINIMUM WATER DEPTH	PROFONDEUR D'EAU MINIMALE
NAMES OF VARIABLES	NOMS DES VARIABLES
NEXT COMPUTATION	SUITE DE CALCUL
NON-LINEAR TRANSFERS BETWEEN FREQUENCIES	TRANSFERTS NON LINEAIRES INTER-FREQUENCES
NUMBER OF BREAKING TIME STEPS	NOMBRE DE SOUS-PAS DE TEMPS POUR LE DEFERLEMENT
NUMBER OF DIRECTIONS	NOMBRE DE DIRECTIONS
NUMBER OF FIRST ITERATION FOR GRAPHICS PRINTOUTS	NUMERO DE LA PREMIERE ITERATION POUR LES SORTIES GRAPHIQUES
NUMBER OF FREQUENCIES	NOMBRE DE FREQUENCES
NUMBER OF ITERATIONS FOR THE SOURCE TERMS	NOMBRE DE SOUS-ITERATIONS POUR LES TERMES SOURCES
NUMBER OF PRIVATE ARRAYS	NOMBRE DE TABLEAUX PRIVES
NUMBER OF TIME STEP	NOMBRE DE PAS DE TEMPS
OPTION FOR DIAGNOSTIC TAIL	OPTION POUR LA QUEUE DIAGNOSTIQUE
OPTION FOR SECOND DERIVATIVES	OPTION POUR LES DERIVEES SECONDES
ORDINATES OF SPECTRUM PRINTOUT POINTS	ORDONNEES DES POINTS DE SORTIE DU SPECTRE
ORIGIN COORDINATES	COORDONNEES DE L'ORIGINE
PARALLEL PROCESSORS	PROCESSEURS PARALLELES
PARTITIONING TOOL	PARTITIONNEUR
PERIOD FOR GRAPHIC PRINTOUTS	PERIODE POUR LES SORTIES GRAPHIQUES
PERIOD FOR LISTING PRINTOUTS	PERIODE POUR LES SORTIES LISTING
PREVIOUS COMPUTATION FILE	FICHIER DU CALCUL PRECEDENT
PREVIOUS COMPUTATION FILE BINARY	BINAIRE DU FICHIER DU CALCUL PRECEDENT
PREVIOUS COMPUTATION FILE FORMAT	FORMAT DU FICHIER DU CALCUL PRECEDENT
PUNCTUAL RESULTS FILE	FICHIER DES RESULTATS PONCTUELS
PUNCTUAL RESULTS FILE BINARY	BINAIRE DU FICHIER DES RESULTATS PONCTUELS
RANK OF THE WATER LEVEL DATA IN THE TELEMAC FILE	RANG DU NIVEAU DE LA MAREE DANS LE FICHIER TELEMAC
RECOVERY OF TELEMAC DATA ITEM	RECUPERATION DE DONNEE TELEMAC
REFERENCE FILE	FICHIER DE REFERENCE
REFERENCE FILE FORMAT	FORMAT DU FICHIER DE REFERENCE
RELEASE	NUMERO DE VERSION
SATURATION THRESHOLD FOR THE DISSIPATION	SEUIL DE SATURATION POUR LA DISSIPATION
SETTING FOR INTEGRATION ON OMEGA1	REGLAGE POUR INTEGRATION SUR OMEGA1

SETTING FOR INTEGRATION ON OMEGA2	REGLAGE POUR INTEGRATION SUR OMEGA2
SETTING FOR INTEGRATION ON THETA1	REGLAGE POUR INTEGRATION SUR THETA1
SHIFT GROWING CURVE DUE TO WIND	DECALAGE COURBE DE CROISSANCE DUE AU VENT
SPECTRUM ENERGY THRESHOLD	SEUIL D'ENERGIE CONSIDERE POUR LE SPECTRE
SPECTRUM FILE FORMAT	FORMAT DU FICHIER DE SPECTRE
SPECTRUM TAIL FACTOR	FACTEUR DE QUEUE DU SPECTRE
SPHERICAL COORDINATES	COORDONNEES SPHERIQUES
STANDARD CONFIGURATION PARAMETER	PARAMETRE DE LA CONFIGURATION STANDARD
STARTING TIME STEP FOR DIFFFRACTION	PAS DE TEMPS DEBUT DIFFRACTION
STATIONARY WIND	VENT STATIONNAIRE
STEERING FILE	FICHIER DES PARAMETRES
THRESHOLD0 FOR CONFIGURATIONS ELIMINATION	SEUIL0 ELIMINATION DE CONFIGURATIONS
THRESHOLD1 FOR CONFIGURATIONS ELIMINATION	SEUIL1 ELIMINATION DE CONFIGURATIONS
THRESHOLD2 FOR CONFIGURATIONS ELIMINATION	SEUIL2 ELIMINATION DE CONFIGURATIONS
TIDAL WATER LEVEL FILE BINARY	BINAIRE DU FICHIER DU NIVEAU DE LA MAREE
TIDAL WATER LEVEL FILE FORMAT	FORMAT DU FICHIER DU NIVEAU DE LA MAREE
TIDE REFRESHING PERIOD	PERIODE D'ACTUALISATION DE LA MAREE
TIME INCREMENT NUMBER IN TELEMAC FILE	NUMERO DU PAS DE TEMPS DU FICHIER TELEMAC
TIME SHIFT IN CURRENTS FILE	DEPHASAGE DU FICHIER DES COURANTS
TIME SHIFT IN TIDAL WATER LEVEL FILE	DEPHASAGE DU FICHIER DU NIVEAU DE LA MAREE
TIME SHIFT IN WINDS FILE	DEPHASAGE DU FICHIER DES VENTS
TIME STEP	PAS DE TEMPS
TIME UNIT IN CURRENTS FILE	UNITE DE TEMPS DU FICHIER DES COURANTS
TIME UNIT IN TIDAL WATER LEVEL FILE	UNITE DE TEMPS DU FICHIER DU NIVEAU DE LA MAREE
TIME UNIT IN WINDS FILE	UNITE DE TEMPS DU FICHIER DES VENTS
TITLE	TITRE
TRIAD INTERACTIONS	TRANSFERTS ENTRE TRIPLETS DE FREQUENCES

TRIADS 1 (LTA) COEFFICIENT ALPHA	TRIADS 1 (LTA) CONSTANTE ALPHA
TRIADS 1 (LTA) COEFFICIENT RFMLTA	TRIADS 1 (LTA) CONSTANTE RFMLTA
TRIADS 2 (SPB) COEFFICIENT K	TRIADS 2 (SPB) CONSTANTE K
TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY	TRIADS 2 (SPB) BORNE DIRECTIONNELLE INFERIEURE
TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY	TRIADS 2 (SPB) BORNE DIRECTIONNELLE SUPERIEURE
TRIGONOMETRICAL CONVENTION	CONVENTION TRIGONOMETRIQUE
TYPE OF BOUNDARY DIRECTIONAL SPECTRUM	TYPE DE SPECTRE DIRECTIONNEL AUX LIMITES
TYPE OF INITIAL DIRECTIONAL SPECTRUM	TYPE DE SPECTRE DIRECTIONNEL INITIAL
VALIDATION	VALIDATION
VARIABLES FOR 2D GRAPHIC PRINTOUTS	VARIABLES POUR LES SORTIES GRAPHIQUES 2D
VARIANCE THRESHOLD FOR DIFFRACTION	SEUIL DE VARIANCE CONSIDEREE POUR DIFFRACTION
VECTOR LENGTH	LONGUEUR DU VECTEUR
VEGETATION TAKEN INTO ACCOUNT	PRISE EN COMPTE DE LA VEGETATION
VON KARMAN CONSTANT	CONSTANTE DE VON KARMAN
WATER DENSITY	DENSITE DE L'EAU
WAVE GROWTH LIMITER	LIMITEUR DE CROISSANCE
WESTHUYSEN DISSIPATION COEFFICIENT	COEFFICIENT DE DISSIPATION DE WESTHUYSEN
WESTHUYSEN WEIGHTING COEFFICIENT	COEFFICIENT DE PONDERATION DE WESTHUYSEN
WESTHUYSEN WHITE CAPPING DISSIPATION	DISSIPATION PAR MOUTONNEMENT DE WESTHUYSEN
WHITE CAPPING DISSIPATION	DISSIPATION PAR MOUTONNEMENT
WHITE CAPPING DISSIPATION COEFFICIENT	COEFFICIENT DE DISSIPATION PAR MOUTONNEMENT
WHITE CAPPING WEIGHTING COEFFICIENT	COEFFICIENT DE PONDERATION POUR LE MOUTONNEMENT
WIND DRAG COEFFICIENT	COEFFICIENT DE TRAINEE DE VENT
WIND GENERATION	APPORTS DUS AU VENT
WIND GENERATION COEFFICIENT	COEFFICIENT DE GENERATION PAR LE VENT
WIND MEASUREMENTS LEVEL	COTE DE MESURE DES VENTS
WIND VELOCITY ALONG X	VITESSE DU VENT SUIVANT X
WIND VELOCITY ALONG Y	VITESSE DU VENT SUIVANT Y
WINDS FILE BINARY	BINAIRE DU FICHIER DES VENTS
WINDS FILE FORMAT	FORMAT DU FICHIER DES VENTS
YAN GENERATION COEFFICIENT D	COEFFICIENT DE GENERATION DE YAN D

YAN GENERATION COEFFICIENT E	COEFFICIENT DE GENERATION DE YAN E
YAN GENERATION COEFFICIENT F	COEFFICIENT DE GENERATION DE YAN F
YAN GENERATION COEFFICIENT H	COEFFICIENT DE GENERATION DE YAN H

3.2 French/English glossary

ABSCISSES DES POINTS DE SORTIE DU SPECTRE	ABSCISSAE OF SPECTRUM PRINTOUT POINTS
APPORTS DUS AU VENT	WIND GENERATION
ASSEMBLAGE EN ELEMENTS FINIS	FINITE ELEMENT ASSEMBLY
BINAIRE DU FICHIER BINAIRE 1	BINARY FILE 1 BINARY
BINAIRE DU FICHIER DE GEOMETRIE	GEOMETRY FILE BINARY
BINAIRE DU FICHIER DES COURANTS	CURRENTS FILE BINARY
BINAIRE DU FICHIER DES RESULTATS GLOBAUX	GLOBAL RESULT FILE BINARY
BINAIRE DU FICHIER DES RESULTATS PONCTUELS	PUNCTUAL RESULTS FILE BINARY
BINAIRE DU FICHIER DES VENTS	WINDS FILE BINARY
BINAIRE DU FICHIER DU CALCUL PRECEDENT	PREVIOUS COMPUTATION FILE BINARY
BINAIRE DU FICHIER DU NIVEAU DE LA MAREE	TIDAL WATER LEVEL FILE BINARY
COEFFICIENT DE DISSIPATION DE WESTHUYSEN	WESTHUYSEN DISSIPATION COEFFICIENT
COEFFICIENT DE DISSIPATION PAR FORT COURANT	DISSIPATION COEFFICIENT FOR STRONG CURRENT
COEFFICIENT DE DISSIPATION PAR MOUTONNEMENT	WHITE CAPPING DISSIPATION COEFFICIENT
COEFFICIENT DE FROTTEMENT SUR LE FOND	BOTTOM FRICTION COEFFICIENT
COEFFICIENT DE GENERATION DE YAN D	YAN GENERATION COEFFICIENT D
COEFFICIENT DE GENERATION DE YAN E	YAN GENERATION COEFFICIENT E
COEFFICIENT DE GENERATION DE YAN F	YAN GENERATION COEFFICIENT F
COEFFICIENT DE GENERATION DE YAN H	YAN GENERATION COEFFICIENT H
COEFFICIENT DE GENERATION PAR LE VENT	WIND GENERATION COEFFICIENT
COEFFICIENT DE PONDERATION DE WESTHUYSEN	WESTHUYSEN WEIGHTING COEFFICIENT
COEFFICIENT DE PONDERATION POUR LE MOUTONNEMENT	WHITE CAPPING WEIGHTING COEFFICIENT
COEFFICIENT DE TRAINEE DE VENT	WIND DRAG COEFFICIENT

COEFFICIENT IMPLICITATION POUR TERMES SOURCES	IMPLICITATION COEFFICIENT FOR SOURCE TERMS
COEFFICIENT POUR LES SOUS-PAS DE TEMPS POUR LE DEFERLEMENT	COEFFICIENT OF THE TIME SUB-INCREMENTS FOR BREAKING
CONSTANTE DE CHARNOCK	CHARNOCK CONSTANT
CONSTANTE DE PHILLIPS AUX LIMITES	BOUNDARY PHILLIPS CONSTANT
CONSTANTE DE PHILLIPS INITIALE	INITIAL PHILLIPS CONSTANT
CONSTANTE DE VON KARMAN	VON KARMAN CONSTANT
CONVENTION TRIGONOMETRIQUE	TRIGONOMETRICAL CONVENTION
COORDONNEES DE L'ORIGINE	ORIGIN COORDINATES
COORDONNEES SPHERIQUES	SPHERICAL COORDINATES
COTE DE MESURE DES VENTS	WIND MEASUREMENTS LEVEL
COTE INITIALE DU PLAN D'EAU AU REPOS	INITIAL STILL WATER LEVEL
CROISSANCE LINEAIRE DES VAGUES	LINEAR WAVE GROWTH
DATE DE DEBUT DU CALCUL	DATE OF COMPUTATION BEGINNING
DEBUGGER	DEBUGGER
DECALAGE COURBE DE CROISSANCE DUE AU VENT	SHIFT GROWING CURVE DUE TO WIND
DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE	DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY
DEFERLEMENT 1 (BJ) CONSTANTE ALPHA	DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA
DEFERLEMENT 1 (BJ) CONSTANTE GAMMA1	DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1
DEFERLEMENT 1 (BJ) CONSTANTE GAMMA2	DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2
DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM	DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD
DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB	DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD
DEFERLEMENT 2 (TG) CHOIX FREQUENCE CARACTERISTIQUE	DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY
DEFERLEMENT 2 (TG) CONSTANTE B	DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B
DEFERLEMENT 2 (TG) CONSTANTE GAMMA	DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA
DEFERLEMENT 2 (TG) FONCTION DE PONDERATION	DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION
DEFERLEMENT 3 (RO) CHOIX FREQUENCE CARACTERISTIQUE	DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY
DEFERLEMENT 3 (RO) CONSTANTE ALPHA	DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA
DEFERLEMENT 3 (RO) CONSTANTE GAMMA	DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA

DEFERLEMENT 3 (RO) CONSTANTE GAMMA2	DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2
DEFERLEMENT 3 (RO) DISTRIBUTION DES HAUTEURS DE HOULE	DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION
DEFERLEMENT 3 (RO) EXPOSANT FONCTION DE PONDERATION	DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION
DEFERLEMENT 4 (IH) CHOIX FREQUENCE CARACTERISTIQUE	DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY
DEFERLEMENT 4 (IH) CONSTANTE BETA0	DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0
DEFERLEMENT 4 (IH) CONSTANTE M2STAR	DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR
DENSITE DE L'AIR	AIR DENSITY
DENSITE DE L'EAU	WATER DENSITY
DEPHASAGE DU FICHIER DES COURANTS	TIME SHIFT IN CURRENTS FILE
DEPHASAGE DU FICHIER DES VENTS	TIME SHIFT IN WINDS FILE
DEPHASAGE DU FICHIER DU NIVEAU DE LA MAREE	TIME SHIFT IN TIDAL WATER LEVEL FILE
DESCRIPTION DES LIBRAIRIES	DESCRIPTION OF LIBRARIES
DICTIONNAIRE	DICTIONARY
DIFFRACTION	DIFFRACTION
DIRECTION PRINCIPALE 1 AUX LIMITES	BOUNDARY MAIN DIRECTION 1
DIRECTION PRINCIPALE 1 INITIALE	INITIAL MAIN DIRECTION 1
DIRECTION PRINCIPALE 2 AUX LIMITES	BOUNDARY MAIN DIRECTION 2
DIRECTION PRINCIPALE 2 INITIALE	INITIAL MAIN DIRECTION 2
DISSIPATION PAR DEFERLEMENT	DEPTH-INDUCED BREAKING DISSIPATION
DISSIPATION PAR FORT COURANT	DISSIPATION BY STRONG CURRENT
DISSIPATION PAR FROTTEMENT SUR LE FOND	BOTTOM FRICTION DISSIPATION
DISSIPATION PAR MOUTONNEMENT	WHITE CAPPING DISSIPATION
DISSIPATION PAR MOUTONNEMENT DE WESTHUYSEN	WESTHUYSEN WHITE CAPPING DISSIPATION
ETALEMENT DIRECTIONNEL 1 AUX LIMITES	BOUNDARY DIRECTIONAL SPREAD 1
ETALEMENT DIRECTIONNEL 1 INITIAL	INITIAL DIRECTIONAL SPREAD 1
ETALEMENT DIRECTIONNEL 2 AUX LIMITES	BOUNDARY DIRECTIONAL SPREAD 2
ETALEMENT DIRECTIONNEL 2 INITIAL	INITIAL DIRECTIONAL SPREAD 2
EXECUTABLE PAR DEFAUT	DEFAULT EXECUTABLE
EXECUTABLE PARALLELE PAR DEFAUT	DEFAULT PARALLEL EXECUTABLE
FACTEUR DE PIC AUX LIMITES	BOUNDARY PEAK FACTOR

FACTEUR DE PIC INITIAL	INITIAL PEAK FACTOR
FACTEUR DE PONDERATION POUR FRA AUX LIMITES	BOUNDARY WEIGHTING FACTOR FOR ADF
FACTEUR DE PONDERATION POUR FRA INITIALE	INITIAL WEIGHTING FACTOR FOR ADF
FACTEUR DE QUEUE DU SPECTRE	SPECTRUM TAIL FACTOR
FICHIER BINAIRE 1	BINARY FILE 1
FICHIER DE GEOMETRIE	GEOMETRY FILE
FICHIER DE REFERENCE	REFERENCE FILE
FICHIER DES CONDITIONS AUX LIMITES	BOUNDARY CONDITIONS FILE
FICHIER DES COURANTS BINAIRE	BINARY CURRENTS FILE
FICHIER DES COURANTS FORMATE	FORMATTED CURRENTS FILE
FICHIER DES FONDS	BOTTOM TOPOGRAPHY FILE
FICHIER DES PARAMETRES	STEERING FILE
FICHIER DES RESULTATS 2D	2D RESULTS FILE
FICHIER DES RESULTATS GLOBAUX	GLOBAL RESULT FILE
FICHIER DES RESULTATS PONCTUELS	PUNCTUAL RESULTS FILE
FICHIER DES RESULTATS SPECTRES 1D	1D SPECTRA RESULTS FILE
FICHIER DES VENTS BINAIRE	BINARY WINDS FILE
FICHIER DES VENTS FORMATE	FORMATTED WINDS FILE
FICHIER DU CALCUL PRECEDENT	PREVIOUS COMPUTATION FILE
FICHIER DU NIVEAU DE LA MAREE BINAIRE	BINARY TIDAL WATER LEVEL FILE
FICHIER DU NIVEAU DE LA MAREE FORMATE	FORMATTED TIDAL WATER LEVEL FILE
FICHIER FORMATE 1	FORMATTED FILE 1
FICHIER FORTRAN	FORTRAN FILE
FILTRE POUR DIFFRACTION	DIFFRACTION FILTER
FONCTION DE REPARTITION ANGULAIRE AUX LIMITES	BOUNDARY ANGULAR DISTRIBUTION FUNCTION
FONCTION DE REPARTITION ANGULAIRE INITIALE	INITIAL ANGULAR DISTRIBUTION FUNCTION
FORMAT DU FICHIER DE DONNEES BINAIRE 1	BINARY DATA FILE 1 FORMAT
FORMAT DU FICHIER DE GEOMETRIE	GEOMETRY FILE FORMAT
FORMAT DU FICHIER DE LA MAREE BINAIRE	BINARY TIDAL WATER FILE FORMAT
FORMAT DU FICHIER DE REFERENCE	REFERENCE FILE FORMAT
FORMAT DU FICHIER DE SPECTRE	SPECTRUM FILE FORMAT
FORMAT DU FICHIER DES COURANTS	CURRENTS FILE FORMAT
FORMAT DU FICHIER DES COURANTS BINAIRE	BINARY CURRENTS FILE FORMAT
FORMAT DU FICHIER DES RESULTATS 2D	2D RESULTS FILE FORMAT

FORMAT DU FICHIER DES RESULTATS GLOBAUX	GLOBAL RESULT FILE FORMAT
FORMAT DU FICHIER DES VENTS	WINDS FILE FORMAT
FORMAT DU FICHIER DES VENTS BINAIRE	BINARY WINDS FILE FORMAT
FORMAT DU FICHIER DU CALCUL PRECEDENT	PREVIOUS COMPUTATION FILE FORMAT
FORMAT DU FICHIER DU NIVEAU DE LA MAREE	TIDAL WATER LEVEL FILE FORMAT
FREQUENCE DE PIC AUX LIMITES	BOUNDARY PEAK FREQUENCY
FREQUENCE DE PIC INITIALE	INITIAL PEAK FREQUENCY
FREQUENCE DE PIC MAXIMALE AUX LIMITES	BOUNDARY MAXIMUM PEAK FREQUENCY
FREQUENCE DE PIC MAXIMALE INITIALE	INITIAL MAXIMUM PEAK FREQUENCY
FREQUENCE MINIMALE	MINIMAL FREQUENCY
HAUTEUR SIGNIFICATIVE AUX LIMITES	BOUNDARY SIGNIFICANT WAVE HEIGHT
HAUTEUR SIGNIFICATIVE INITIALE	INITIAL SIGNIFICANT WAVE HEIGHT
LIMITEUR DE CROISSANCE	WAVE GROWTH LIMITER
LISSAGES DU FOND	BOTTOM SMOOTHINGS
LISTE DES FICHIERS	LIST OF FILES
LONGUEUR DU VECTEUR	VECTOR LENGTH
MODELISATION BAJ	BAJ MODELING
NOMBRE DE DIRECTIONS	NUMBER OF DIRECTIONS
NOMBRE DE FREQUENCES	NUMBER OF FREQUENCIES
NOMBRE DE PAS DE TEMPS	NUMBER OF TIME STEP
NOMBRE DE SOUS-ITERATIONS POUR LES TERMES SOURCES	NUMBER OF ITERATIONS FOR THE SOURCE TERMS
NOMBRE DE SOUS-PAS DE TEMPS POUR LE DEFERLEMENT	NUMBER OF BREAKING TIME STEPS
NOMBRE DE TABLEAUX PRIVES	NUMBER OF PRIVATE ARRAYS
NOMS DES VARIABLES	NAMES OF VARIABLES
NUMERO DE LA PREMIERE ITERATION POUR LES SORTIES GRAPHIQUES	NUMBER OF FIRST ITERATION FOR GRAPHICS PRINTOUTS
NUMERO DE VERSION	RELEASE
NUMERO DU PAS DE TEMPS DU FICHIER TELEMAC	TIME INCREMENT NUMBER IN TELEMAC FILE
OPTION POUR LA QUEUE DIAGNOSTIQUE	OPTION FOR DIAGNOSTIC TAIL
OPTION POUR LES DERIVEES SECONDES	OPTION FOR SECOND DERIVATIVES
ORDONNEES DES POINTS DE SORTIE DU SPECTRE	ORDINATES OF SPECTRUM PRINTOUT POINTS
PARAMETRE DE LA CONFIGURATION STANDARD	STANDARD CONFIGURATION PARAMETER
PARTITIONNEUR	PARTITIONING TOOL

PAS DE TEMPS	TIME STEP
PAS DE TEMPS DEBUT DIFFRACTION	STARTING TIME STEP FOR DIFFFRACTION
PERIODE D'ACTUALISATION DE LA MAREE	TIDE REFRESHING PERIOD
PERIODE POUR LES SORTIES GRAPHIQUES	PERIOD FOR GRAPHIC PRINTOUTS
PERIODE POUR LES SORTIES LISTING	PERIOD FOR LISTING PRINTOUTS
PRISE EN COMPTE D'UN COURANT STATIONNAIRE	CONSIDERATION OF A STATIONARY CURRENT
PRISE EN COMPTE DE LA MAREE	CONSIDERATION OF TIDE
PRISE EN COMPTE DE LA PROPAGATION	CONSIDERATION OF PROPAGATION
PRISE EN COMPTE DE LA VEGETATION	VEGETATION TAKEN INTO ACCOUNT
PRISE EN COMPTE DES TERMES SOURCES	CONSIDERATION OF SOURCE TERMS
PRISE EN COMPTE DU VENT	CONSIDERATION OF A WIND
PROCESSEURS PARALLELES	PARALLEL PROCESSORS
PROFONDEUR D'EAU MINIMALE	MINIMUM WATER DEPTH
PROFONDEUR INFINIE	INFINITE DEPTH
RAISON FREQUENTIELLE	FREQUENTIAL RATIO
RANG DU NIVEAU DE LA MAREE DANS LE FICHIER TELEMAC	RANK OF THE WATER LEVEL DATA IN THE TELEMAC FILE
RECUPERATION DE DONNEE TELEMAC	RECOVERY OF TELEMAC DATA ITEM
REGLAGE POUR INTEGRATION SUR OMEGA1	SETTING FOR INTEGRATION ON OMEGA1
REGLAGE POUR INTEGRATION SUR OMEGA2	SETTING FOR INTEGRATION ON OMEGA2
REGLAGE POUR INTEGRATION SUR THETA1	SETTING FOR INTEGRATION ON THETA1
REMISE A ZERO DU TEMPS	INITIAL TIME SET TO ZERO
SEUIL D'ENERGIE CONSIDERE POUR LE SPECTRE	SPECTRUM ENERGY THRESHOLD
SEUIL DE SATURATION POUR LA DISSIPATION	SATURATION THRESHOLD FOR THE DISSIPATION
SEUIL DE VARIANCE CONSIDEREE POUR DIFFRACTION	VARIANCE THRESHOLD FOR DIFFRACTION
SEUIL0 ELIMINATION DE CONFIGURATIONS	THRESHOLD0 FOR CONFIGURATIONS ELIMINATION
SEUIL1 ELIMINATION DE CONFIGURATIONS	THRESHOLD1 FOR CONFIGURATIONS ELIMINATION
SEUIL2 ELIMINATION DE CONFIGURATIONS	THRESHOLD2 FOR CONFIGURATIONS ELIMINATION
SPECTRE AUX LIMITES MODIFIE PAR L'UTILISATEUR	LIMIT SPECTRUM MODIFIED BY USER

SUITE DE CALCUL	NEXT COMPUTATION
TITRE	TITLE
TRANSFERTS ENTRE TRIPLETS DE FREQUENCES	TRIAD INTERACTIONS
TRANSFERTS NON LINEAIRES INTER-FREQUENCES	NON-LINEAR TRANSFERS BETWEEN FREQUENCIES
TRIADS 1 (LTA) CONSTANTE ALPHA	TRIADS 1 (LTA) COEFFICIENT ALPHA
TRIADS 1 (LTA) CONSTANTE RFMLTA	TRIADS 1 (LTA) COEFFICIENT RFMLTA
TRIADS 2 (SPB) BORNE DIRECTIONNELLE INFERIEURE	TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY
TRIADS 2 (SPB) BORNE DIRECTIONNELLE SUPERIEURE	TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY
TRIADS 2 (SPB) CONSTANTE K	TRIADS 2 (SPB) COEFFICIENT K
TYPE DE SPECTRE DIRECTIONNEL AUX LIMITES	TYPE OF BOUNDARY DIRECTIONAL SPECTRUM
TYPE DE SPECTRE DIRECTIONNEL INITIAL	TYPE OF INITIAL DIRECTIONAL SPECTRUM
UNITE DE TEMPS DU FICHIER DES COURANTS	TIME UNIT IN CURRENTS FILE
UNITE DE TEMPS DU FICHIER DES VENTS	TIME UNIT IN WINDS FILE
UNITE DE TEMPS DU FICHIER DU NIVEAU DE LA MAREE	TIME UNIT IN TIDAL WATER LEVEL FILE
VALEUR AUX LIMITES DE SIGMA-A POUR SPECTRE	BOUNDARY SPECTRUM VALUE OF SIGMA-A
VALEUR AUX LIMITES DE SIGMA-B POUR SPECTRE	BOUNDARY SPECTRUM VALUE OF SIGMA-B
VALEUR INITIALE DE SIGMA-A POUR SPECTRE	INITIAL VALUE OF SIGMA-A FOR SPECTRUM
VALEUR INITIALE DE SIGMA-B POUR SPECTRE	INITIAL VALUE OF SIGMA-B FOR SPECTRUM
VALEUR MAXIMALE DU RAPPORT HM0 SUR D	MAXIMUM VALUE OF THE RATIO HM0 ON D
VALEUR MOYENNE DU FETCH AUX LIMITES	BOUNDARY MEAN FETCH VALUE
VALEUR MOYENNE DU FETCH INITIAL	INITIAL MEAN FETCH VALUE
VALIDATION	VALIDATION
VARIABLES POUR LES SORTIES GRAPHIQUES 2D	VARIABLES FOR 2D GRAPHIC PRINTOUTS
VENT STATIONNAIRE	STATIONARY WIND
VERIFICATION DU MAILLAGE	CHECKING THE MESH
VITESSE DU VENT SUIVANT X	WIND VELOCITY ALONG X
VITESSE DU VENT SUIVANT Y	WIND VELOCITY ALONG Y

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