

Supplementary material

Effects of mud supply on large-scale estuary morphology and development over centuries to millennia

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This document contains input files for Delft3D of the default run in the article. Multiple runs are done with this model with different boundary conditions that are indicated in the article.

estuary.mdf

```
Ident = #Delft3D-FLOW 3.56.29165#
Commnt =
Runtxt = #simplified estuary#
Filcco = #matlabgrid.grd#
Anglat = 0.0000000e+000
Grdang = 0.0000000e+000
Filgrd = #matlabgrid.enc#
MNKmax = 290 162 1
Thick = 1.0000000e+002
Commnt =
Fildep = #matlabdepth_diff.dep#
Commnt =
Commnt =          no. dry points: 0
Commnt =          no. thin dams: 0
Commnt =
Itdate = #2015-02-16#
Tunit = #M#
Tstart = 0.0000000e+000
Tstop = 2.6294400e+006
Dt = 0.3
Tzone = 0
Commnt =
Sub1 = # I#
Sub2 = # C #
Namc1 = #Sediment1    #
Namc2 = #Sediment2    #
Namc3 = #Sediment3    #
Commnt =
Wnsvwp = #N#
Wndint = #Y#
Commnt =
Commnt =          initial conditions from initial conditions file
Filic = #matlabwl.ini#
Commnt =
Commnt =          no. open boundaries: 6
Filbnd = #bnddiff.bnd#
FilbcH = #bndharm.bch#
FilbcT = #bndtim.bct#
FilbcC = #bndtrans.bcc#
Rettis = 0.0000000e+000
        0.0000000e+000
        0.0000000e+000
        0.0000000e+000
        0.0000000e+000
        0.0000000e+000
Rettib = 0.0000000e+000
        0.0000000e+000
        0.0000000e+000
        0.0000000e+000
        0.0000000e+000
        0.0000000e+000
Commnt =
Ag = 9.8100000e+000
Rhow = 1.0000000e+003
Tempw = 1.5000000e+001
Salw = 3.1000000e+001
```

Wstres = 6.3000000e-004 0.0000000e+000 7.2300000e-003 1.0000000e+002 7.2300000e-003 1.0000000e+002
 Rhoa = 1.0000000e+000
 Betac = 5.0000000e-001
 Equili = #N#
 Ktemp = 0
 Fclou = 0.0000000e+000
 Sarea = 0.0000000e+000
 Temint = #Y#
 Commnt =
 Roumet = #C#
 Ccofu = 5.0000000e+001
 Ccofv = 5.0000000e+001
 Xlo = 0.0000000e+000
 Vicouv = 1.0000000e+000
 Dicouv = 1.0000000e+001
 Htur2d = #N#
 Irov = 0
 Filsed = #sediment.sed#
 Filmor = #morphology.mor#
 Commnt =
 Iter = 2
 Dryflp = #YES#
 Dpsopt = #MAX#
 Dpuopt = #MOR#
 Dryflc = 8.0000000e-002
 Dco = -9.9900000e+002
 Tlfsmo = 0.0000000e+000
 ThetQH = 0.0000000e+000
 Forfuv = #Y#
 Forfw = #Y#
 Sigcor = #N#
 Trasol = #Cyclic-method#
 Momsol = #Cyclic#
 Commnt =
 Commnt = no. discharges: 0
 Commnt = no. observation points: 11
 Filsta = #obs.obs#
 Commnt = no. drogues: 0
 Commnt =
 Commnt =
 Commnt = no. cross sections: 16
 Filcrs = #cros.crs#
 Commnt =
 SMhydr = #YYYYY#
 SMderv = #YYYYYY#
 SMproc = #YYYYYYYYYY#
 PMhydr = #YYYYYY#
 PMderv = #YYY#
 PMproc = #YYYYYYYYYY#
 SHhydr = #YYYY#
 SHderv = #YYYYY#
 SHproc = #YYYYYYYYYY#
 SHflux = #YYYY#
 PHhydr = #YYYYYY#
 PHderv = #YYY#
 PHproc = #YYYYYYYYYY#
 PHflux = #YYYY#
 Flmap = 1.4400000e+004 4500 2.6294400e+006
 Flhis = 0.0000000e+000 120 2.6294400e+006
 Flpp = 0.0000000e+000 4500 2.6294400e+006
 Flrst = 0
 Commnt =
 Online = #N#
 trafrm = #eh.tra#
 Commnt =

sediment.sed

Pmcrit = 0.4
 [SedimentFileInformation]
 FileCreatedBy = Delft3D FLOW-GUI, Version: 3.56.29165
 FileCreationDate = Mon Feb 16 2015, 12:34:16
 FileVersion = 02.00
 [SedimentOverall]
 Cref = 1.6000000e+003 [kg/m3] CSoil Reference density for hindered settling calculations

IopSus = 0 If IopSus = 1: susp. sediment size depends on local flow and wave conditions

[Sediment]

Name = #Sediment1# Name of sediment fraction

SedTyp = sand Must be "sand", "mud" or "bedload"

RhoSol = 2.6500000e+003 [kg/m3] Specific density

SedDia = 3.0000000e-004 [m] Median sediment diameter (D50)

CDryB = 1.6000000e+003 [kg/m3] Dry bed density

IniSedThick = 1.5000000e+001 [m] Initial sediment layer thickness at bed (uniform value or filename)

FacDSS = 1.0000000e+000 [-] FacDss * SedDia = Initial suspended sediment diameter. Range [0.6 - 1.0]

[Sediment]

Name = #Sediment2# Name of sediment fraction

SedTyp = mud Must be "sand", "mud" or "bedload"

RhoSol = 2.6500000e+003 [kg/m3] Specific density

SalMax = 0.0000000e+000 [ppt] Salinity for saline settling velocity

WS0 = 2.5000000e-004 [m/s] Settling velocity fresh water

WSM = 2.5000000e-004 [m/s] Settling velocity saline water

TcrSed = 1.0000000e+003 [N/m2] Critical bed shear stress for sedimentation (uniform value or filename)

TcrEro = 2.0000000e-001 [N/m2] Critical bed shear stress for erosion (uniform value or filename)

EroPar = 1.0000000e-004 [kg/m2/s] Erosion parameter (uniform value or filename)

CDryB = 1.6000000e+003 [kg/m3] Dry bed density

IniSedThick = 5.0000001e-002 [m] Initial sediment layer thickness at bed (uniform value or filename)

FacDSS = 1.0000000e+000 [-] FacDss * SedDia = Initial suspended sediment diameter. Range [0.6 - 1.0]

[Sediment]

Name = #Sediment3# Name of sediment fraction

SedTyp = mud Must be "sand", "mud" or "bedload"

RhoSol = 2.6500000e+003 [kg/m3] Specific density

SalMax = 0.0000000e+000 [ppt] Salinity for saline settling velocity

WS0 = 2.5000000e-004 [m/s] Settling velocity fresh water

WSM = 2.5000000e-004 [m/s] Settling velocity saline water

TcrSed = 1.0000000e+003 [N/m2] Critical bed shear stress for sedimentation (uniform value or filename)

TcrEro = 2.0000000e-001 [N/m2] Critical bed shear stress for erosion (uniform value or filename)

EroPar = 1.0000000e-004 [kg/m2/s] Erosion parameter (uniform value or filename)

CDryB = 1.6000000e+003 [kg/m3] Dry bed density

IniSedThick = 5.0000001e-002 [m] Initial sediment layer thickness at bed (uniform value or filename)

FacDSS = 1.0000000e+000 [-] FacDss * SedDia = Initial suspended sediment diameter. Range [0.6 - 1.0]

morphology.mor

[MorphologyFileInformation]

FileCreatedBy = Delft3D FLOW-GUI, Version: 3.56.29165

FileCreationDate = Thu Dec 17 2015, 15:43:12

FileVersion = 02.00

[Morphology]

EpsPar = false

IopKCW = 1

RDC = 0.01

RDW = 0.02

MorFac = 4.0000000e+002 [-] Morphological scale factor

MorStt = 1.4400000e+004 [min] Spin-up interval from TStart till start of morphological changes

Thresh = 5.0000000e-002 [m] Threshold sediment thickness for transport and erosion reduction

MorUpd = true Update bathymetry during FLOW simulation

EqmBc = true Equilibrium sand concentration profile at inflow boundaries

DensIn = false Include effect of sediment concentration on fluid density

AksFac = 1.0000000e+000 [-] van Rijn's reference height = AKSFAC * KS

RWave = 2.0000000e+000 [-] Wave related roughness = RWAVE * estimated ripple height. Van Rijn Recommends

range 1-3

AlfaBs = 1.0000000e+000 [-] Streamwise bed gradient factor for bed load transport

AlfaBn = 1.5000000e+000 [-] Transverse bed gradient factor for bed load transport

Sus = 1.0000000e+000 [-] Multiplication factor for suspended sediment reference concentration

Bed = 1.0000000e+000 [-] Multiplication factor for bed-load transport vector magnitude

SusW = 1.0000000e+000 [-] Wave-related suspended sed. transport factor

BedW = 1.0000000e+000 [-] Wave-related bed-load sed. transport factor

SedThr = 5.0000000e-002 [m] Minimum water depth for sediment computations

ThetSD = 5.0000000e-001 [-] Factor for erosion of adjacent dry cells

HMaxTH = 0.0000000e+000 [m] Max depth for variable THETSD. Set < SEDTHR to use global value only

FWFac = 1.0000000e+000 [-] Vertical mixing distribution according to van Rijn (overrides k-epsilon model)

Espir = 1

ISlope = 3

AShld = 0.2

BShld = 0.5

[Underlayer]

IUnderLyR = 2

ExchLyr = false

TTLForm = 1

ThTrLyr = 0.1

```

NLaLyr      = 0
NEuLyr      = 50
ThLaLyr     = 0.1
ThEuLyr     = 0.1
IniComp     = morlyr.inb
IDiffusion  = 0
Flufflyr    = 0
[Output]
Frac        = true
AverageAtEachOutputTime= true

```

bnddiff.bnd

neu_south	Z H	2	1	50	1	0.0000000e+000	
neu_north	Z H	2	162	50	162	0.0000000e+000	
river1	T T	290	83	290	83	0.0000000e+000	Uniform
river2	T T	290	82	290	82	0.0000000e+000	Uniform
river3	T T	290	81	290	81	0.0000000e+000	Uniform
river4	T T	290	80	290	80	0.0000000e+000	Uniform

bndharm.bch

0.0000000e+000	3.0000000e+001
0.0000000e+000	1.5000000e+000
0.0000000e+000	1.5000000e+000
0.0000000e+000	1.5000000e+000
0.0000000e+000	1.5000000e+000
	3.0000000e+000
	0.0000000e+000
	3.0000000e+000
	0.0000000e+000

bndtim.bct

table-name	'Boundary Section : 3'		
contents	'Uniform'		
location	'river1'		
time-function	'non-equidistant'		
reference-time	20150216		
time-unit	'minutes'		
interpolation	'linear'		
parameter	'time'		unit '[min]'
parameter	'total discharge (t) end A'		unit '[m3/s]'
parameter	'total discharge (t) end B'		unit '[m3/s]'
records-in-table	26		
0	-25.00	-25.00	
109500	-23.07	-23.07	
219000	-21.33	-21.33	
328500	-19.94	-19.94	
438000	-19.06	-19.06	
547500	-18.75	-18.75	
657000	-19.06	-19.06	
766500	-19.94	-19.94	
876000	-21.33	-21.33	
985500	-23.07	-23.07	
1095000	-25.00	-25.00	
1204500	-26.93	-26.93	
1314000	-28.67	-28.67	
1423500	-30.06	-30.06	
1533000	-30.94	-30.94	
1642500	-31.25	-31.25	
1752000	-30.94	-30.94	
1861500	-30.06	-30.06	
1971000	-28.67	-28.67	
2080500	-26.93	-26.93	
2190000	-25.00	-25.00	
2299500	-23.07	-23.07	
2409000	-21.33	-21.33	
2518500	-19.94	-19.94	
2628000	-19.06	-19.06	
2629440	-19.05	-19.05	
table-name	'Boundary Section : 4'		
contents	'Uniform'		
location	'river2'		

```

time-function      'non-equidistant'
reference-time     20150216
time-unit          'minutes'
interpolation      'linear'
parameter          'time'          '          ' unit '[min]'
parameter          'total discharge (t) end A'      unit '[m3/s]'
parameter          'total discharge (t) end B'      unit '[m3/s]'
records-in-table   26
0      -25.00 -25.00
109500 -24.36 -24.36
219000 -23.78 -23.78
328500 -23.31 -23.31
438000 -23.02 -23.02
547500 -22.92 -22.92
657000 -23.02 -23.02
766500 -23.31 -23.31
876000 -23.78 -23.78
985500 -24.36 -24.36
1095000 -25.00 -25.00
1204500 -25.64 -25.64
1314000 -26.22 -26.22
1423500 -26.69 -26.69
1533000 -26.98 -26.98
1642500 -27.08 -27.08
1752000 -26.98 -26.98
1861500 -26.69 -26.69
1971000 -26.22 -26.22
2080500 -25.64 -25.64
2190000 -25.00 -25.00
2299500 -24.36 -24.36
2409000 -23.78 -23.78
2518500 -23.31 -23.31
2628000 -23.02 -23.02
2629440 -23.02 -23.02
table-name        'Boundary Section : 5'
contents          'Uniform'          '
location          'river3'          '
time-function      'non-equidistant'
reference-time     20150216
time-unit          'minutes'
interpolation      'linear'
parameter          'time'          '          ' unit '[min]'
parameter          'total discharge (t) end A'      unit '[m3/s]'
parameter          'total discharge (t) end B'      unit '[m3/s]'
records-in-table   26
0      -25.00 -25.00
109500 -25.64 -25.64
219000 -26.22 -26.22
328500 -26.69 -26.69
438000 -26.98 -26.98
547500 -27.08 -27.08
657000 -26.98 -26.98
766500 -26.69 -26.69
876000 -26.22 -26.22
985500 -25.64 -25.64
1095000 -25.00 -25.00
1204500 -24.36 -24.36
1314000 -23.78 -23.78
1423500 -23.31 -23.31
1533000 -23.02 -23.02
1642500 -22.92 -22.92
1752000 -23.02 -23.02
1861500 -23.31 -23.31
1971000 -23.78 -23.78
2080500 -24.36 -24.36
2190000 -25.00 -25.00
2299500 -25.64 -25.64
2409000 -26.22 -26.22
2518500 -26.69 -26.69
2628000 -26.98 -26.98
2629440 -26.98 -26.98
table-name        'Boundary Section : 6'
contents          'Uniform'          '
location          'river4'          '

```

```

time-function      'non-equidistant'
reference-time     20150216
time-unit          'minutes'
interpolation      'linear'
parameter          'time'                ' unit '[min]''
parameter          'total discharge (t) end A'    unit '[m3/s]''
parameter          'total discharge (t) end B'    unit '[m3/s]''
records-in-table   26
0                 -25.00 -25.00
109500            -26.93 -26.93
219000            -28.67 -28.67
328500            -30.06 -30.06
438000            -30.94 -30.94
547500            -31.25 -31.25
657000            -30.94 -30.94
766500            -30.06 -30.06
876000            -28.67 -28.67
985500            -26.93 -26.93
1095000           -25.00 -25.00
1204500           -23.07 -23.07
1314000           -21.33 -21.33
1423500           -19.94 -19.94
1533000           -19.06 -19.06
1642500           -18.75 -18.75
1752000           -19.06 -19.06
1861500           -19.94 -19.94
1971000           -21.33 -21.33
2080500           -23.07 -23.07
2190000           -25.00 -25.00
2299500           -26.93 -26.93
2409000           -28.67 -28.67
2518500           -30.06 -30.06
2628000           -30.94 -30.94
2629440           -30.95 -30.95

```

bndtrans.bcc

```

table-name        'Boundary Section : 1'
contents           'Uniform '
location           'neu_south '
time-function      'non-equidistant'
reference-time     20150216
time-unit          'minutes'
interpolation      'linear'
parameter          'time'                ' unit '[min]''
parameter          'Sediment1            end A uniform'    unit '[kg/m3]''
parameter          'Sediment1            end B uniform'    unit '[kg/m3]''
records-in-table   2
0.0000000e+000 0.0000000e+000 0.0000000e+000
2.6294400e+006 0.0000000e+000 0.0000000e+000
table-name        'Boundary Section : 1'
contents           'Uniform '
location           'neu_south '
time-function      'non-equidistant'
reference-time     20150216
time-unit          'minutes'
interpolation      'linear'
parameter          'time'                ' unit '[min]''
parameter          'Sediment2            end A uniform'    unit '[kg/m3]''
parameter          'Sediment2            end B uniform'    unit '[kg/m3]''
records-in-table   2
0.0000000e+000 0.0000000e+000 0.0000000e+000
2.6294400e+006 0.0000000e+000 0.0000000e+000
table-name        'Boundary Section : 1'
contents           'Uniform '
location           'neu_south '
time-function      'non-equidistant'
reference-time     20150216
time-unit          'minutes'
interpolation      'linear'
parameter          'time'                ' unit '[min]''
parameter          'Sediment3            end A uniform'    unit '[kg/m3]''
parameter          'Sediment3            end B uniform'    unit '[kg/m3]''
records-in-table   2
0.0000000e+000 0.0000000e+000 0.0000000e+000

```

2.6294400e+006 0.0000000e+000 0.0000000e+000
 table-name 'Boundary Section : 2'
 contents 'Uniform '
 location 'neu_north '
 time-function 'non-equidistant'
 reference-time 20150216
 time-unit 'minutes'
 interpolation 'linear'
 parameter 'time ' unit '[min]'
 parameter 'Sediment1 end A uniform' unit '[kg/m3]'
 parameter 'Sediment1 end B uniform' unit '[kg/m3]'
 records-in-table 2
 0.0000000e+000 0.0000000e+000 0.0000000e+000
 2.6294400e+006 0.0000000e+000 0.0000000e+000
 table-name 'Boundary Section : 2'
 contents 'Uniform '
 location 'neu_north '
 time-function 'non-equidistant'
 reference-time 20150216
 time-unit 'minutes'
 interpolation 'linear'
 parameter 'time ' unit '[min]'
 parameter 'Sediment2 end A uniform' unit '[kg/m3]'
 parameter 'Sediment2 end B uniform' unit '[kg/m3]'
 records-in-table 2
 0.0000000e+000 0.0000000e+000 0.0000000e+000
 2.6294400e+006 0.0000000e+000 0.0000000e+000
 table-name 'Boundary Section : 2'
 contents 'Uniform '
 location 'neu_north '
 time-function 'non-equidistant'
 reference-time 20150216
 time-unit 'minutes'
 interpolation 'linear'
 parameter 'time ' unit '[min]'
 parameter 'Sediment3 end A uniform' unit '[kg/m3]'
 parameter 'Sediment3 end B uniform' unit '[kg/m3]'
 records-in-table 2
 0.0000000e+000 0.0000000e+000 0.0000000e+000
 2.6294400e+006 0.0000000e+000 0.0000000e+000
 table-name 'Boundary Section : 3'
 contents 'Uniform '
 location 'river1 '
 time-function 'non-equidistant'
 reference-time 20150216
 time-unit 'minutes'
 interpolation 'linear'
 parameter 'time ' unit '[min]'
 parameter 'Sediment1 end A uniform' unit '[kg/m3]'
 parameter 'Sediment1 end B uniform' unit '[kg/m3]'
 records-in-table 2
 0.0000000e+000 0.0000000e+000 0.0000000e+000
 2.6294400e+006 0.0000000e+000 0.0000000e+000
 table-name 'Boundary Section : 3'
 contents 'Uniform '
 location 'river1 '
 time-function 'non-equidistant'
 reference-time 20150216
 time-unit 'minutes'
 interpolation 'linear'
 parameter 'time ' unit '[min]'
 parameter 'Sediment2 end A uniform' unit '[kg/m3]'
 parameter 'Sediment2 end B uniform' unit '[kg/m3]'
 records-in-table 2
 0.0000000e+000 2.0000000e-002 2.0000000e-002
 2.6294400e+006 2.0000000e-002 2.0000000e-002
 table-name 'Boundary Section : 3'
 contents 'Uniform '
 location 'river1 '
 time-function 'non-equidistant'
 reference-time 20150216
 time-unit 'minutes'
 interpolation 'linear'
 parameter 'time ' unit '[min]'

```

parameter      'Sediment3'      end A uniform'    unit '[kg/m3]'
parameter      'Sediment3'      end B uniform'    unit '[kg/m3]'
records-in-table 2
0.0000000e+000 0.0000000e+000 0.0000000e+000
2.6294400e+006 0.0000000e+000 0.0000000e+000
table-name      'Boundary Section : 4'
contents        'Uniform'      '
location        'river2'      '
time-function    'non-equidistant'
reference-time   20150216
time-unit        'minutes'
interpolation    'linear'
parameter        'time'        ' unit '[min]'
parameter        'Sediment1'    end A uniform'    unit '[kg/m3]'
parameter        'Sediment1'    end B uniform'    unit '[kg/m3]'
records-in-table 2
0.0000000e+000 0.0000000e+000 0.0000000e+000
2.6294400e+006 0.0000000e+000 0.0000000e+000
table-name      'Boundary Section : 4'
contents        'Uniform'      '
location        'river2'      '
time-function    'non-equidistant'
reference-time   20150216
time-unit        'minutes'
interpolation    'linear'
parameter        'time'        ' unit '[min]'
parameter        'Sediment2'    end A uniform'    unit '[kg/m3]'
parameter        'Sediment2'    end B uniform'    unit '[kg/m3]'
records-in-table 2
0.0000000e+000 2.0000000e-002 2.0000000e-002
2.6294400e+006 2.0000000e-002 2.0000000e-002
table-name      'Boundary Section : 4'
contents        'Uniform'      '
location        'river2'      '
time-function    'non-equidistant'
reference-time   20150216
time-unit        'minutes'
interpolation    'linear'
parameter        'time'        ' unit '[min]'
parameter        'Sediment3'    end A uniform'    unit '[kg/m3]'
parameter        'Sediment3'    end B uniform'    unit '[kg/m3]'
records-in-table 2
0.0000000e+000 0.0000000e+000 0.0000000e+000
2.6294400e+006 0.0000000e+000 0.0000000e+000
table-name      'Boundary Section : 5'
contents        'Uniform'      '
location        'river3'      '
time-function    'non-equidistant'
reference-time   20150216
time-unit        'minutes'
interpolation    'linear'
parameter        'time'        ' unit '[min]'
parameter        'Sediment1'    end A uniform'    unit '[kg/m3]'
parameter        'Sediment1'    end B uniform'    unit '[kg/m3]'
records-in-table 2
0.0000000e+000 0.0000000e+000 0.0000000e+000
2.6294400e+006 0.0000000e+000 0.0000000e+000
table-name      'Boundary Section : 5'
contents        'Uniform'      '
location        'river3'      '
time-function    'non-equidistant'
reference-time   20150216
time-unit        'minutes'
interpolation    'linear'
parameter        'time'        ' unit '[min]'
parameter        'Sediment2'    end A uniform'    unit '[kg/m3]'
parameter        'Sediment2'    end B uniform'    unit '[kg/m3]'
records-in-table 2
0.0000000e+000 2.0000000e-002 2.0000000e-002
2.6294400e+006 2.0000000e-002 2.0000000e-002
table-name      'Boundary Section : 5'
contents        'Uniform'      '
location        'river3'      '
time-function    'non-equidistant'

```



```

reference-time    20150216
time-unit        'minutes'
interpolation    'linear'
parameter        'time'          ' unit '[min]
parameter        'Sediment3      end A uniform' unit '[kg/m3]'
parameter        'Sediment3      end B uniform' unit '[kg/m3]'
records-in-table 2
0.0000000e+000 0.0000000e+000 0.0000000e+000
2.6294400e+006 0.0000000e+000 0.0000000e+000
table-name       'Boundary Section : 6'
contents         'Uniform '
location         'river4 '
time-function     'non-equidistant'
reference-time    20150216
time-unit        'minutes'
interpolation    'linear'
parameter        'time'          ' unit '[min]
parameter        'Sediment1      end A uniform' unit '[kg/m3]'
parameter        'Sediment1      end B uniform' unit '[kg/m3]'
records-in-table 2
0.0000000e+000 0.0000000e+000 0.0000000e+000
2.6294400e+006 0.0000000e+000 0.0000000e+000
table-name       'Boundary Section : 7'
contents         'Uniform '
location         'river4 '
time-function     'non-equidistant'
reference-time    20150216
time-unit        'minutes'
interpolation    'linear'
parameter        'time'          ' unit '[min]
parameter        'Sediment2      end A uniform' unit '[kg/m3]'
parameter        'Sediment2      end B uniform' unit '[kg/m3]'
records-in-table 2
0.0000000e+000 2.0000000e-002 2.0000000e-002
2.6294400e+006 2.0000000e-002 2.0000000e-002
table-name       'Boundary Section : 7'
contents         'Uniform '
location         'river4 '
time-function     'non-equidistant'
reference-time    20150216
time-unit        'minutes'
interpolation    'linear'
parameter        'time'          ' unit '[min]
parameter        'Sediment3      end A uniform' unit '[kg/m3]'
parameter        'Sediment3      end B uniform' unit '[kg/m3]'
records-in-table 2
0.0000000e+000 0.0000000e+000 0.0000000e+000
2.6294400e+006 0.0000000e+000 0.0000000e+000

```

eh.tra

```

1 IFORM
#1 Englund_Hansen
1
0.05

```

morlyr.inb

```

[BedCompositionFileInformation]
  FileVersion    = 01.00
[Layer] Transport layer
  Type           = volume fraction
  Thick          = 15                [m]
  Fraction1      = 1                 [-]
  Fraction2      = 0                 [-]
  Fraction3      = 0                 [-]

```