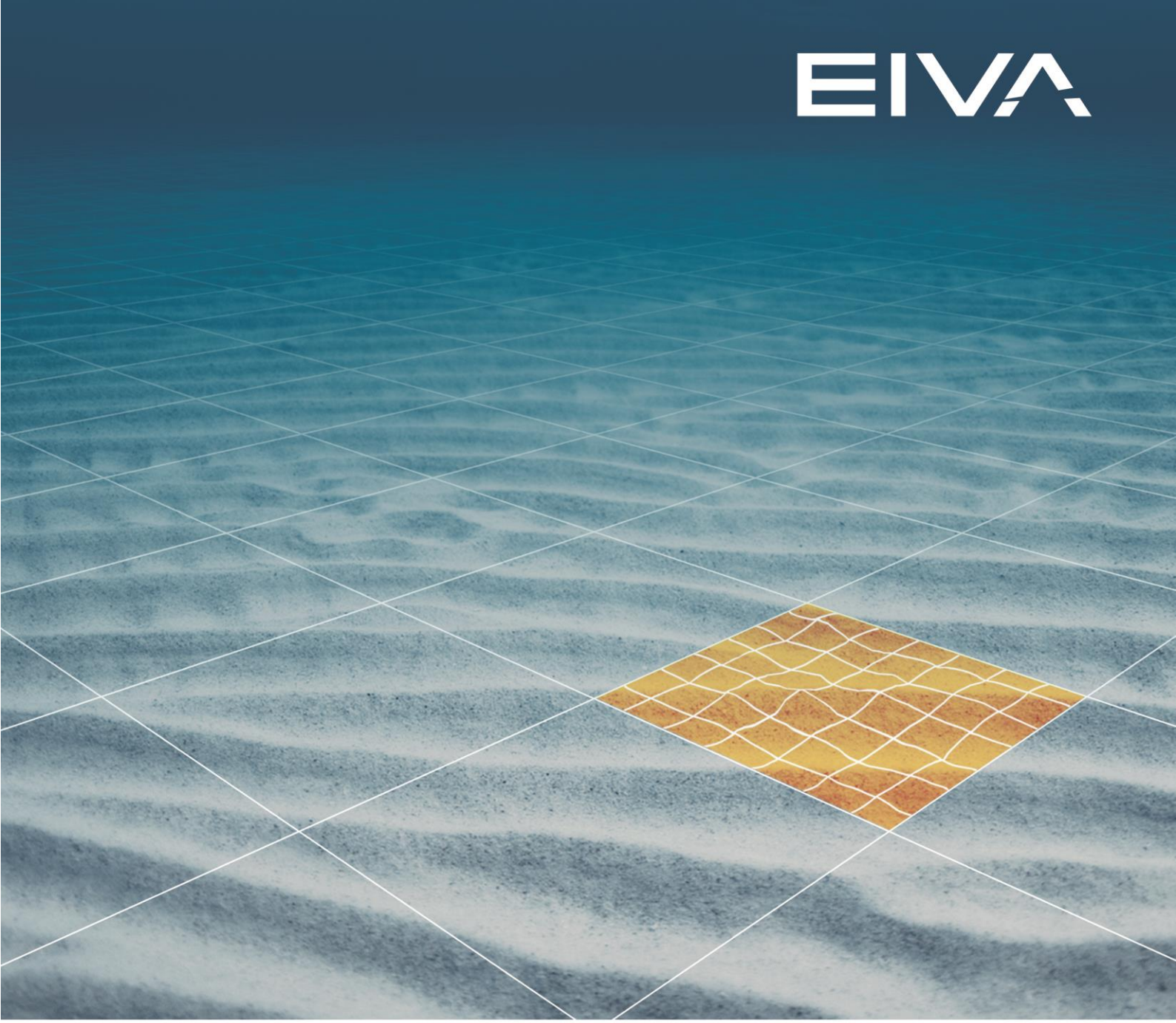

NAVIEDIT

STEP-BY-STEP, TIDAL IMPORT

Last update: 07/04/2020
Version: 8.5

1 Step-by-step

1. Open **NaviEdit JobPlanner**
2. Go to the **Import** option from the menu bar and import the tide file as **ASCII Files…**

   In the following example the tidal data set has this format:
   27/10/2013,00:00,0.95
   27/10/2013,00:10,0.97
   27/10/2013,00:20,0.99

3. The ASCII interpreter wizard opens and consists of 5 configuration steps.
4. In step 1 you import the tidal file by clicking **Add** and browse to the file(s).

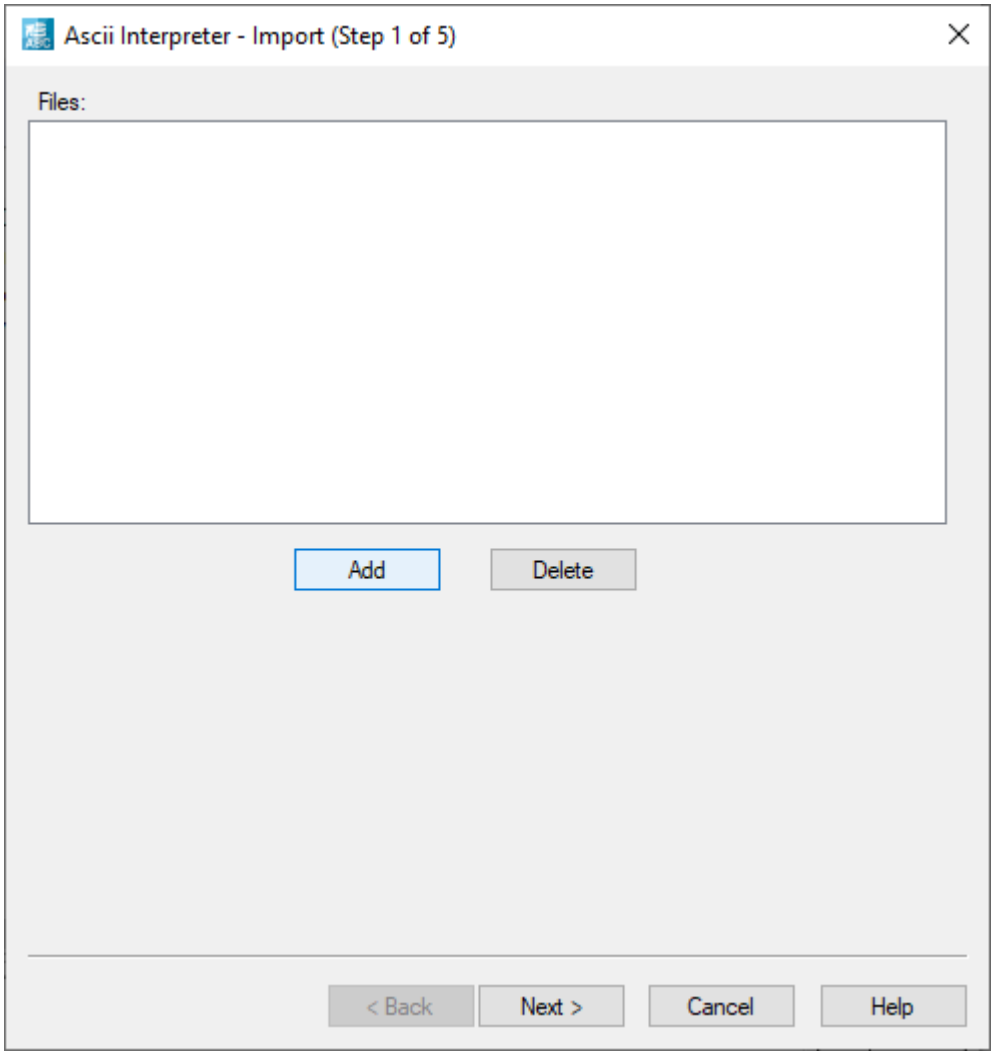

Figure 1 Ascii interpreter wizard: Select Raw File(s)

5. Browse to the file location and select the file that you want to import.

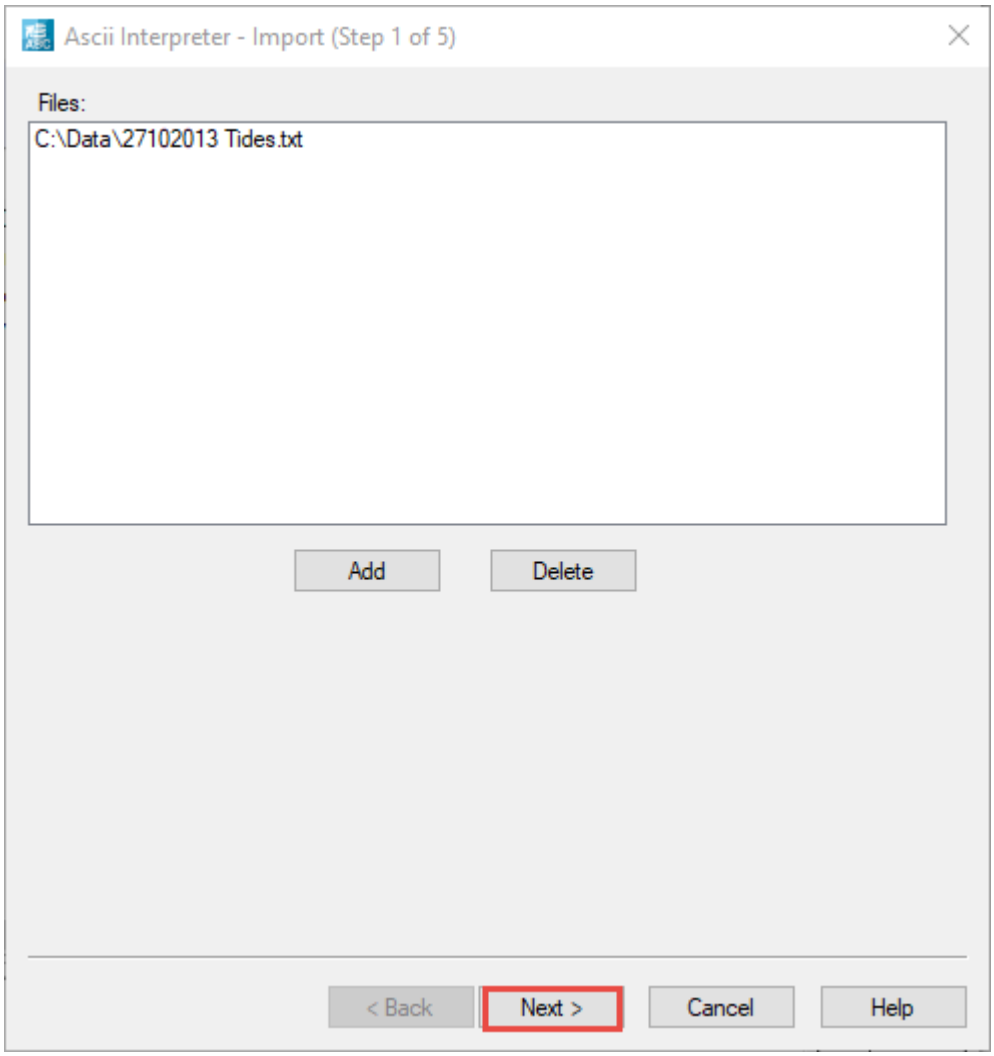

Figure 2 Ascii Interpreter configuration: Tidal file selected

6. Click **Next**.
7. In the **Data type to import** option, select **Tide** from the drop down. More options are available, SVP, Line_KP, XYZ, Pressure and CTD.
8. Choose a template that decodes the data, you can see the decoded data in the lower view.
   If you do not have an acceptable template, highlight the **EIVA tide format** and click **Edit selected.**

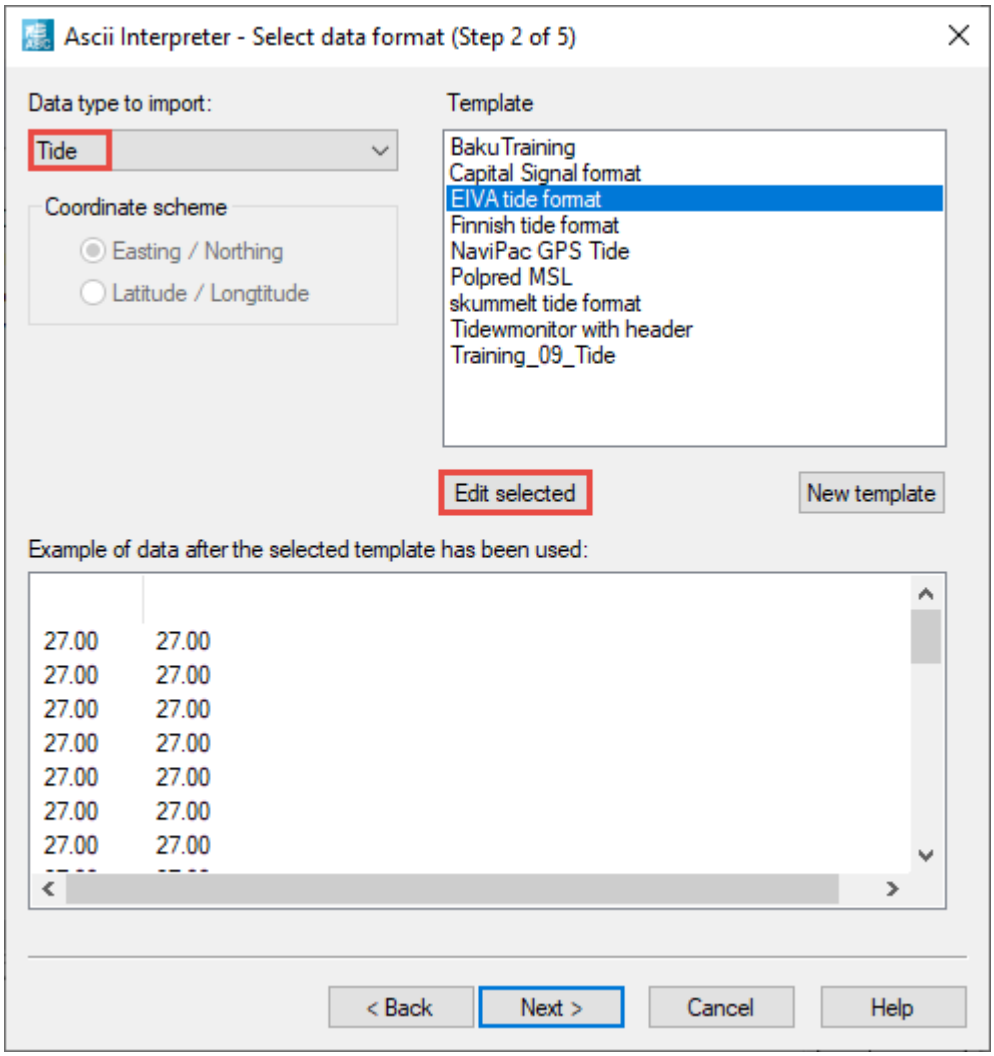

Figure 3 Ascii interpreter wizard: EIVA tide format selected for editing

9. The columns dialogue opens presenting the tide data.

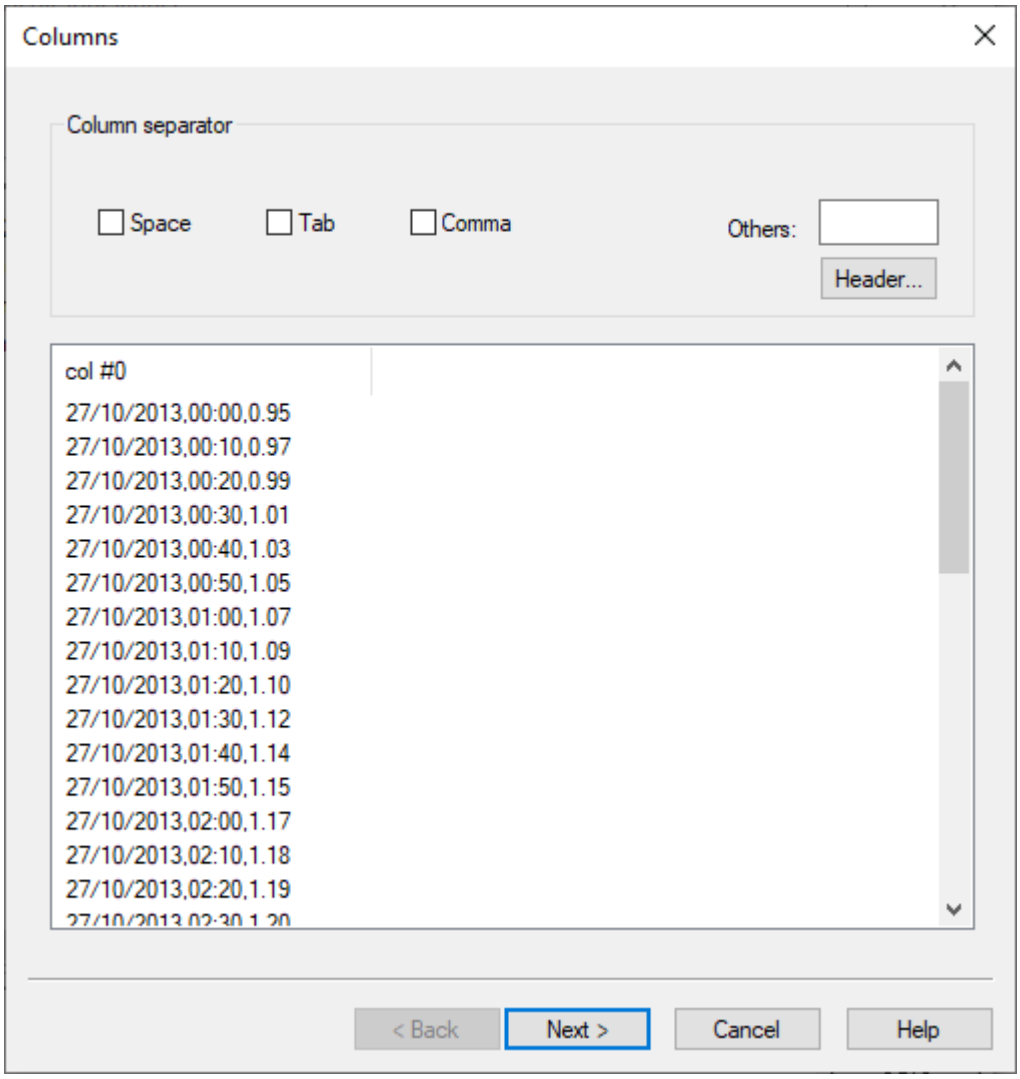

Figure 4 Ascii interpreter wizard: Separator

10. To read the tidal data properly, enter the column separators, e.g. comma, slash and colon.

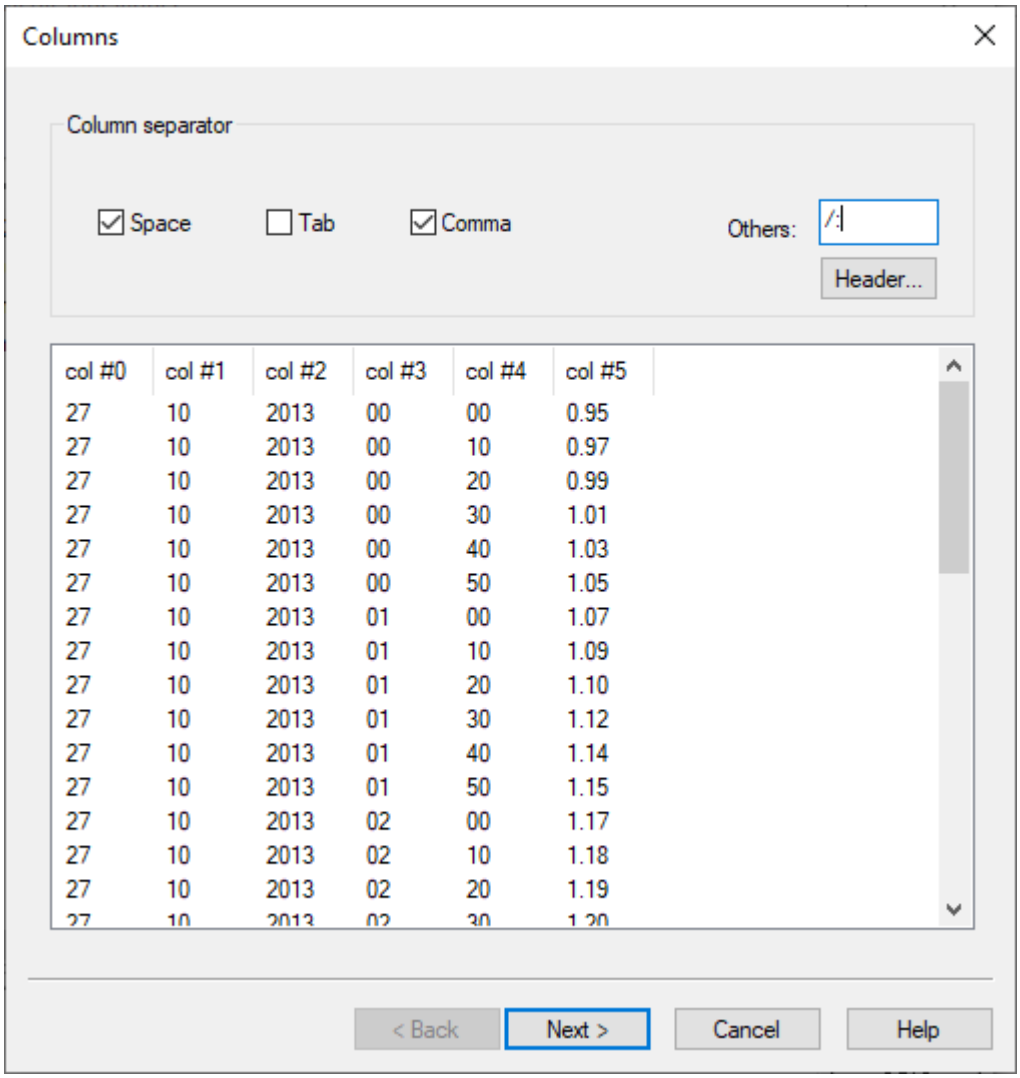

Figure 5 Ascii interpreter wizard: Column separators applied

11. Click **Next**

12. The **Primitives** dialogue opens

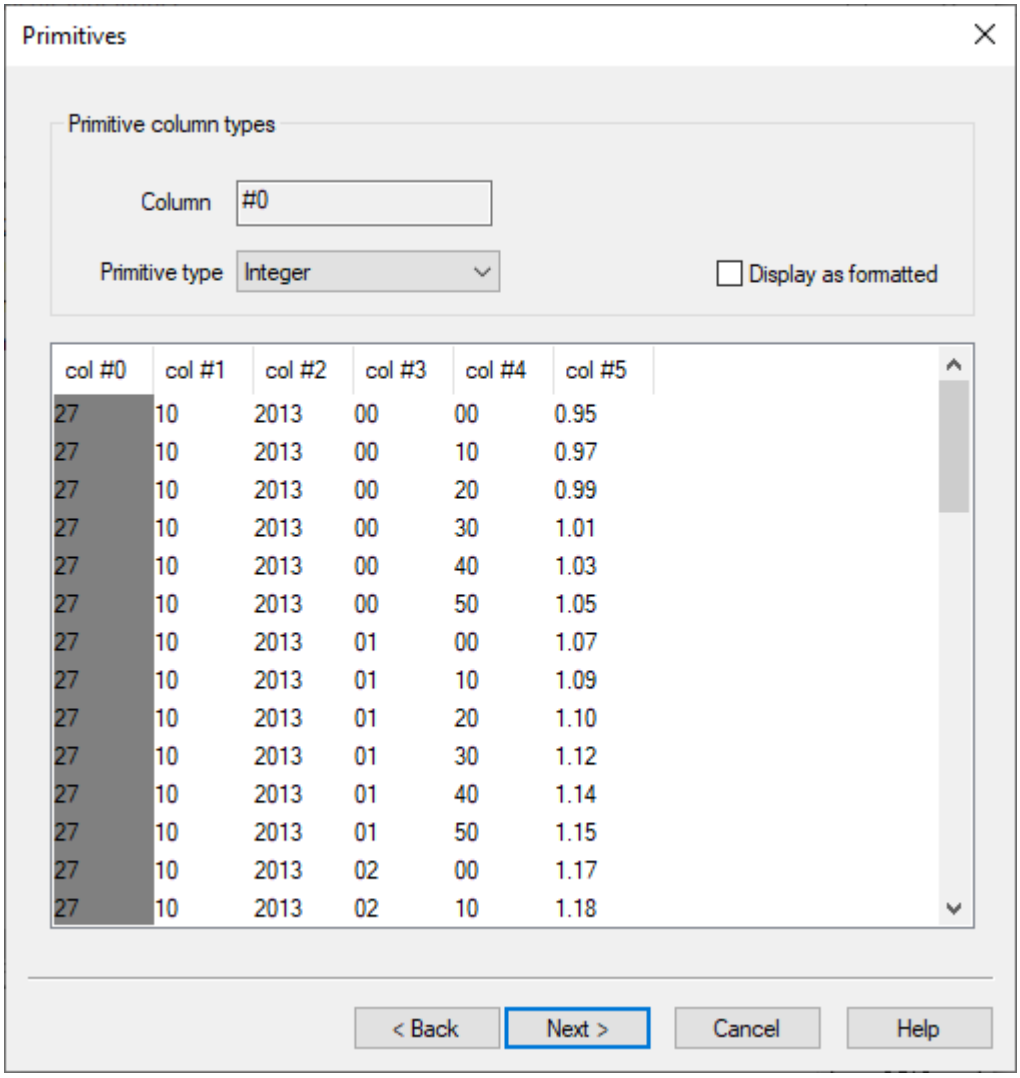

Figure 6 Ascii interpreter wizard: Primitives dialogues

13. Choose Primitive type **Integer** for all columns, exclusively column 5
14. Choose **Double** for column 5

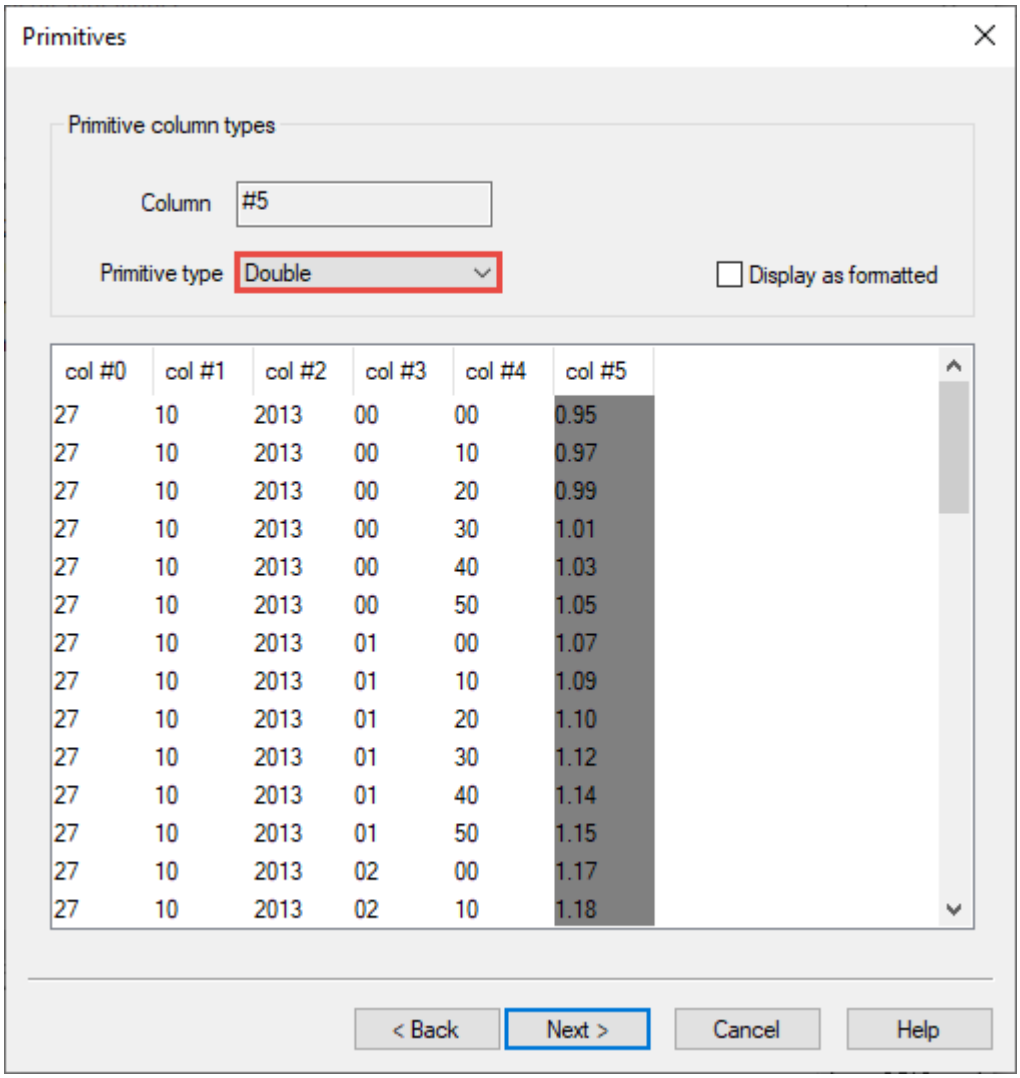

Figure 7 Ascii interpreter wizard: Primitive double selected for column 5

15. Click **Next**
16. Output fields opens
17. Select Output field **TimeDate (Double)** and choose encoding and input columns

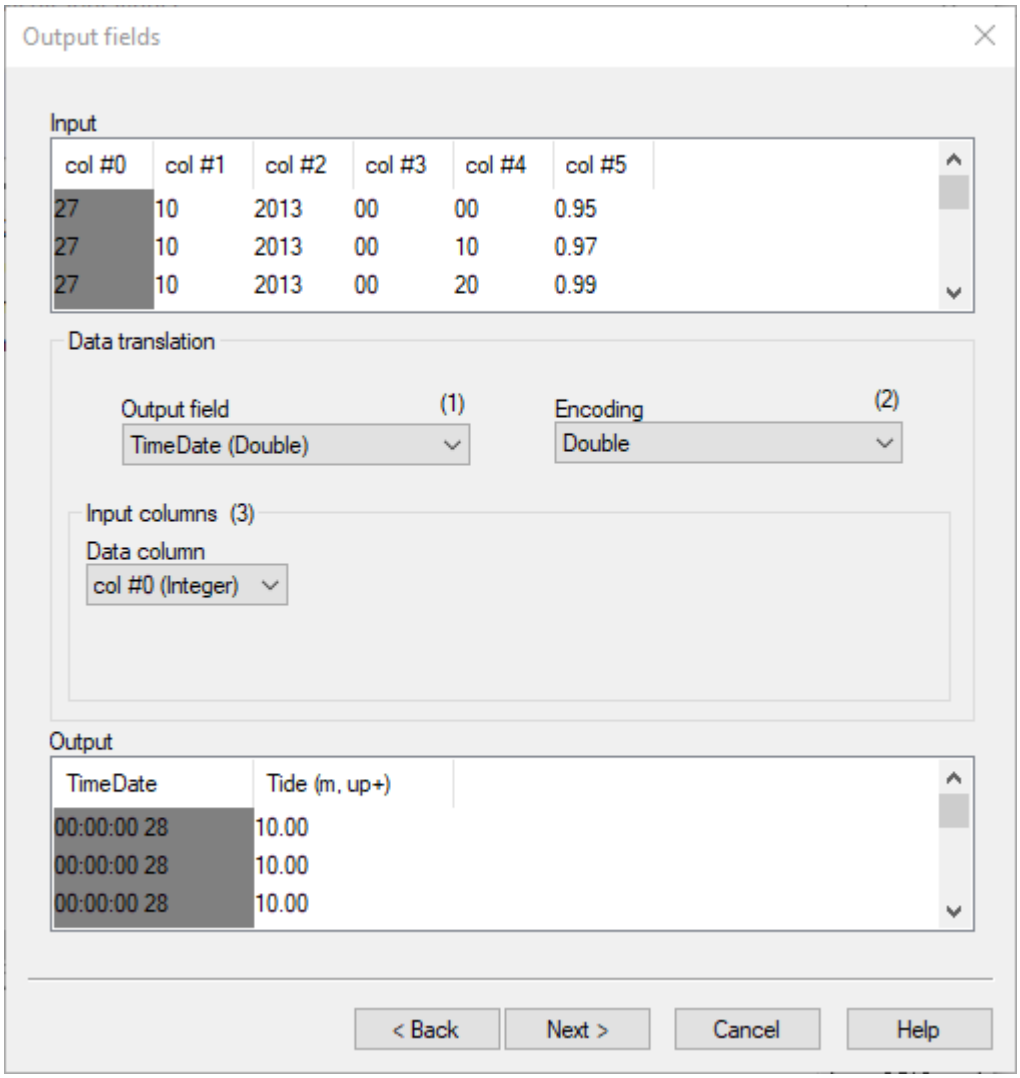

Figure 8 Ascii interpreter wizard: Output fields TimeDate (Double) selected

18. Select the proper columns for year, month, etc, as shown in the screenshot below. This is the original data format, 27/10/2013,00:00,0.95

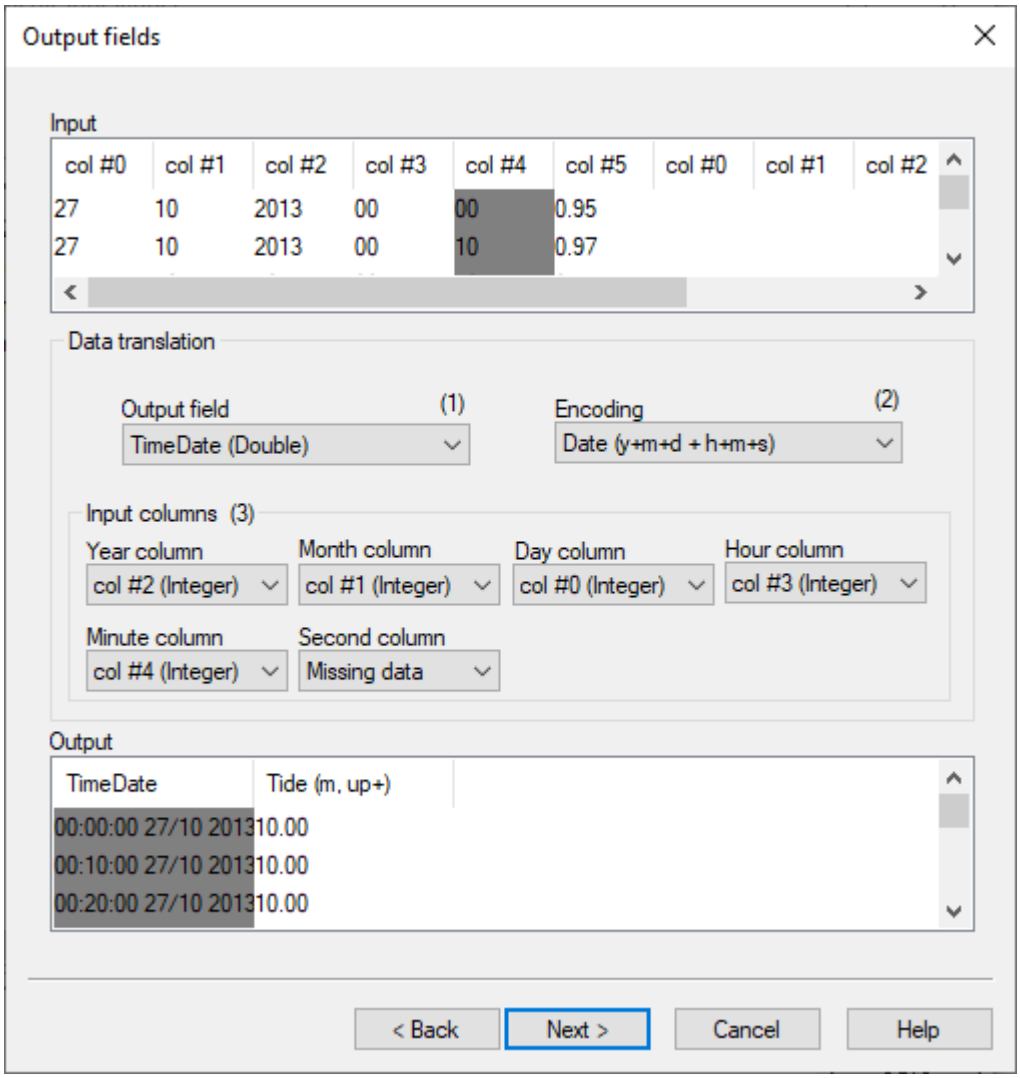

Figure 9 Ascii interpreter wizard: Input columns set, e.g. column #2 is the year.

19. Choose **Next**.
20. Select Output field **Tide (m, up+) (Double)** and choose encoding and input columns.

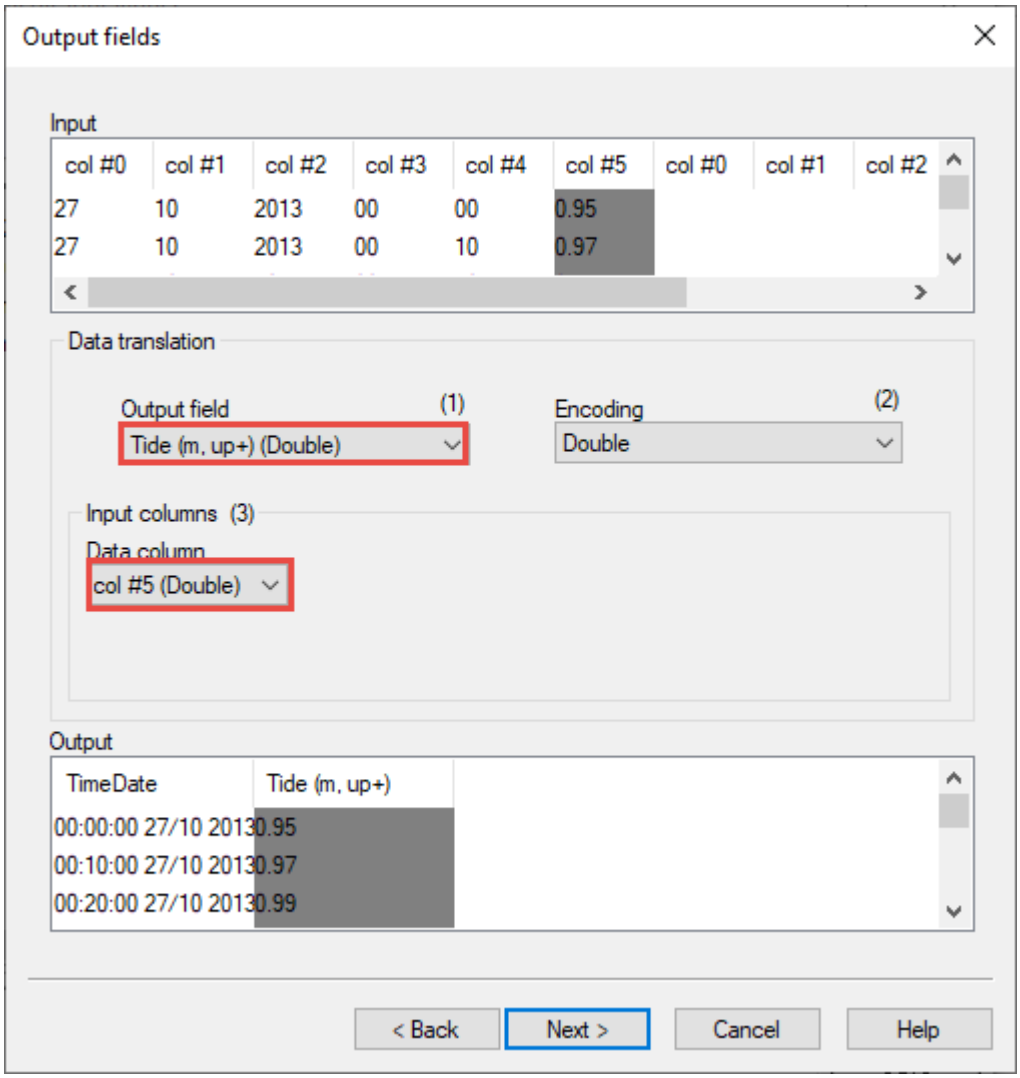

Figure 10 Ascii interpreter wizard: Output field definitions

21. Press **Next**.

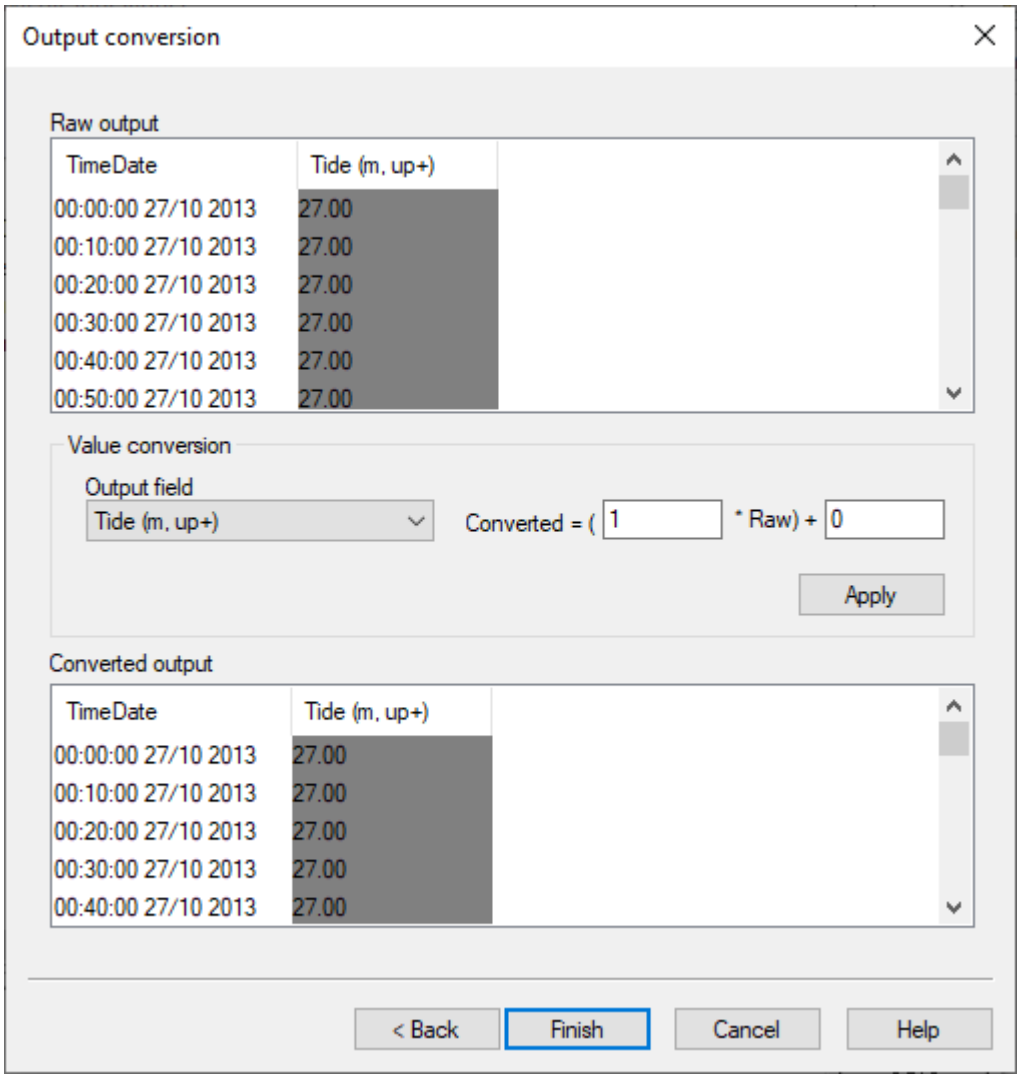

Figure 11 Output conversation dialogue

22. Check that the decoding is done properly.
23. **Finish**

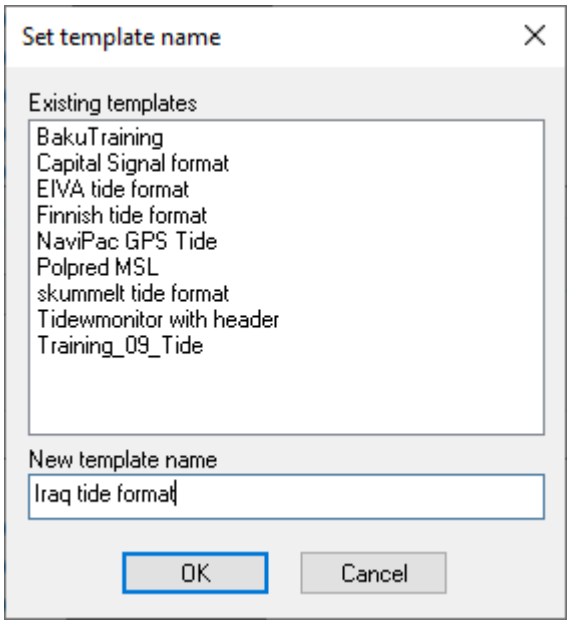

Figure 12 Set template name

24. Save new format with the name you specify, here Iraq tide format.

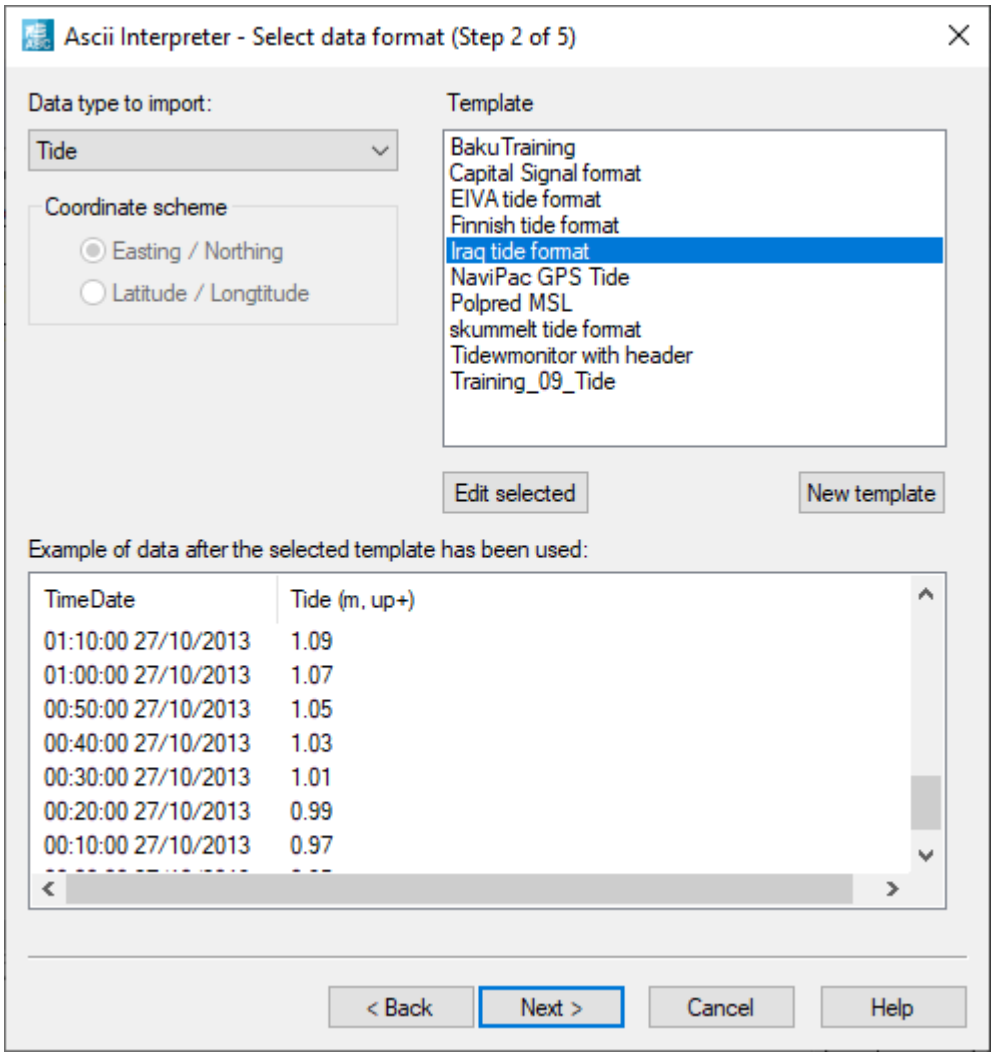

Figure 13 Ascii Interpreter wizard: New tidal import selected.

25. Choose the new template to import the tidal-file by highlighting it.
26. Click **Next**.

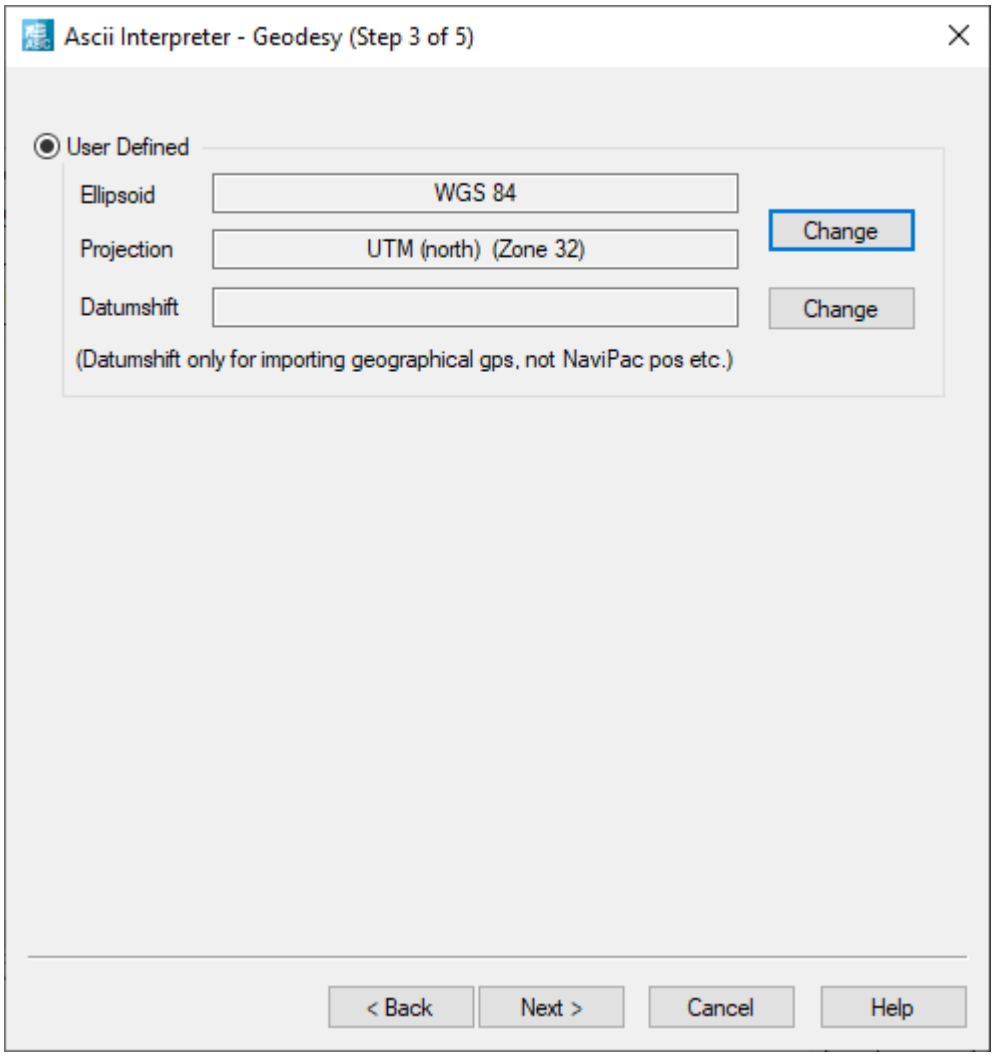

Figure 14 Ascii interpreter wizard: With default settings.

27. Choose default settings.
28. Click **Next**
29. Choose default settings in step 4.

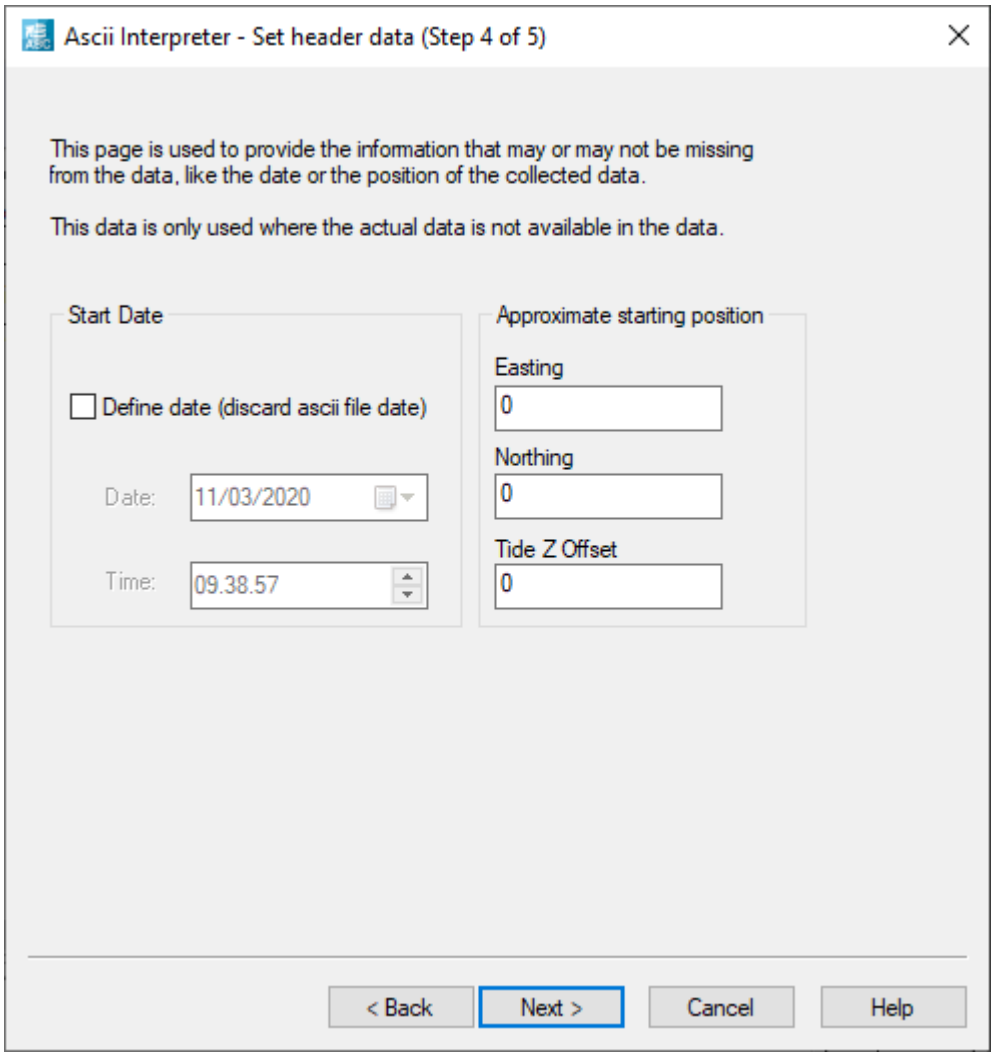

Figure 15 Ascii interpreter wizard: default settings

30. Click **Next**
31. In step 5 you can enter a note or disable opening the report that gets created when importing the tidal data into NaviEdit.

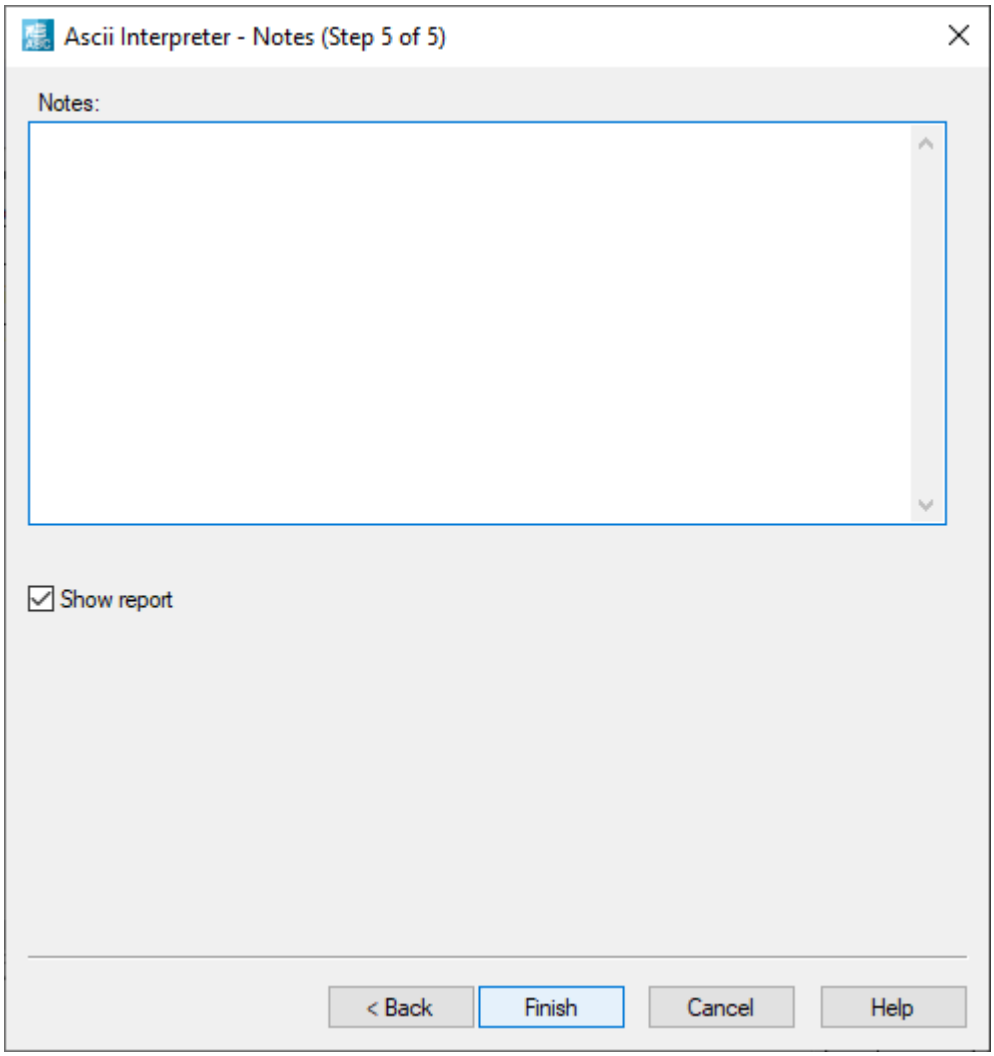

Figure 16 Ascii interpreter wizard: Enter notes option

32. Create a new folder, e.g. Tide.

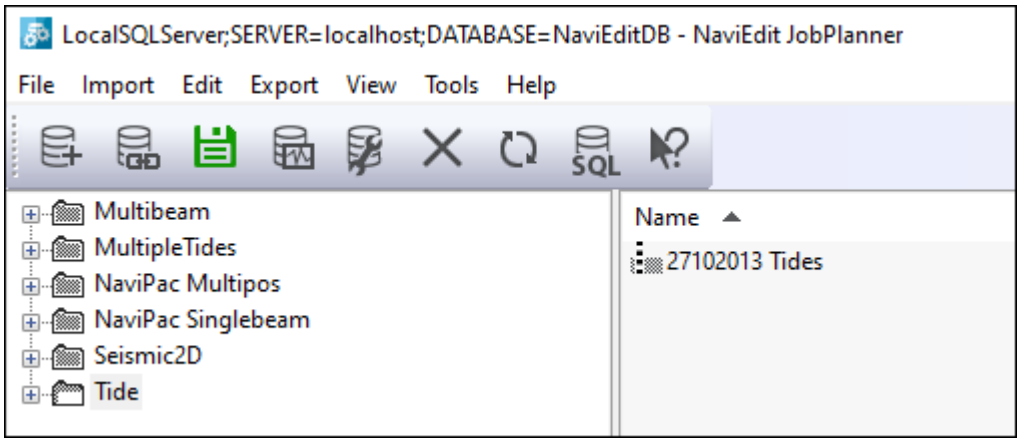

Figure 17 NaviEdit import: Select folder to place file into.

33. Report looks as shown here:

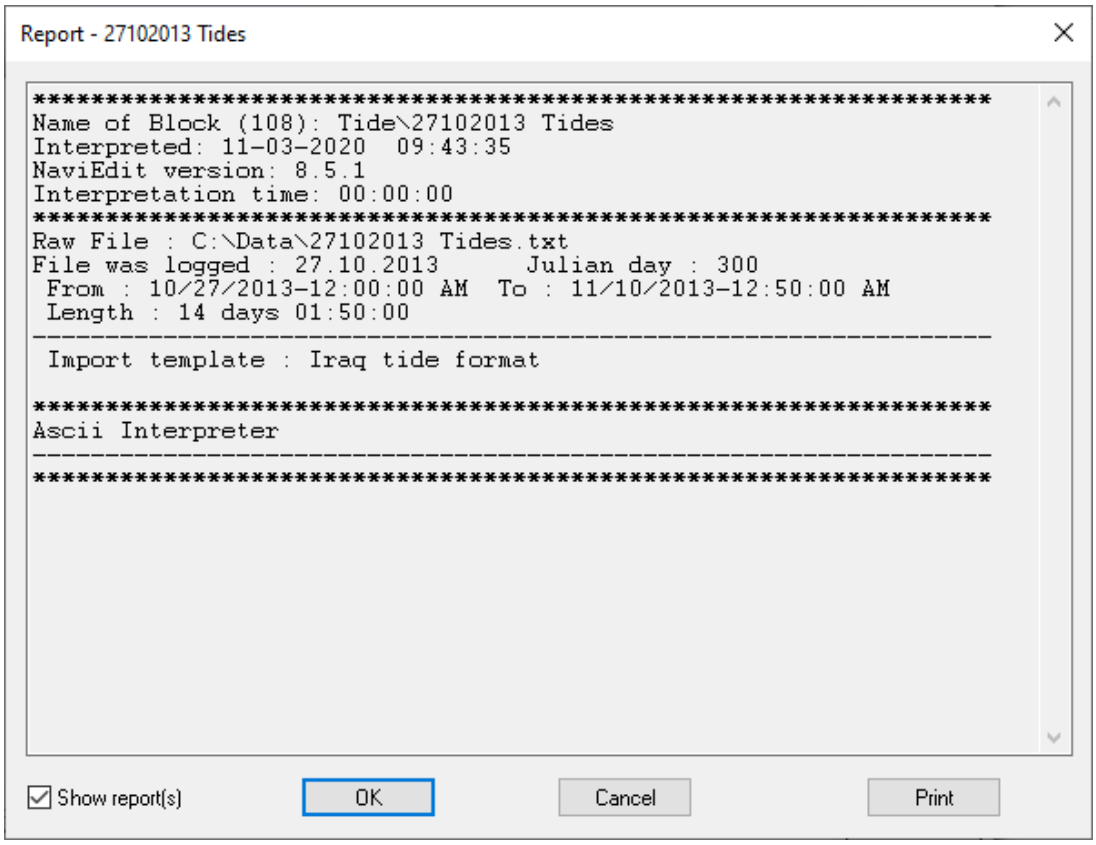

Figure 18 NaviEdit: Import report.

34. Click **OK** to finalize the wizard.
35. Open the Tide file in the data editor.

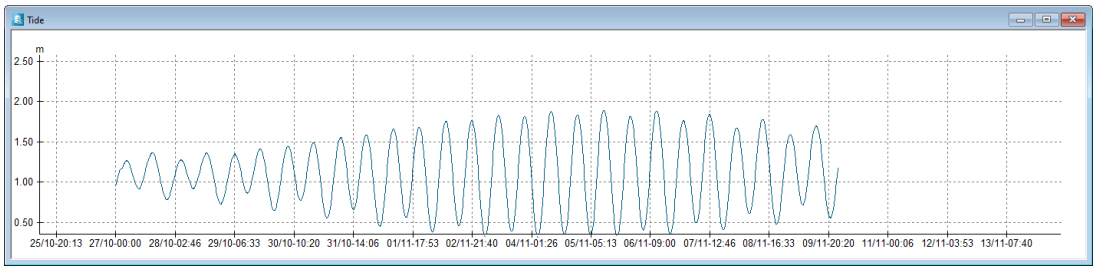

Figure 19 Data Editor: Tidal file

36. Open the tile in the Header Editor

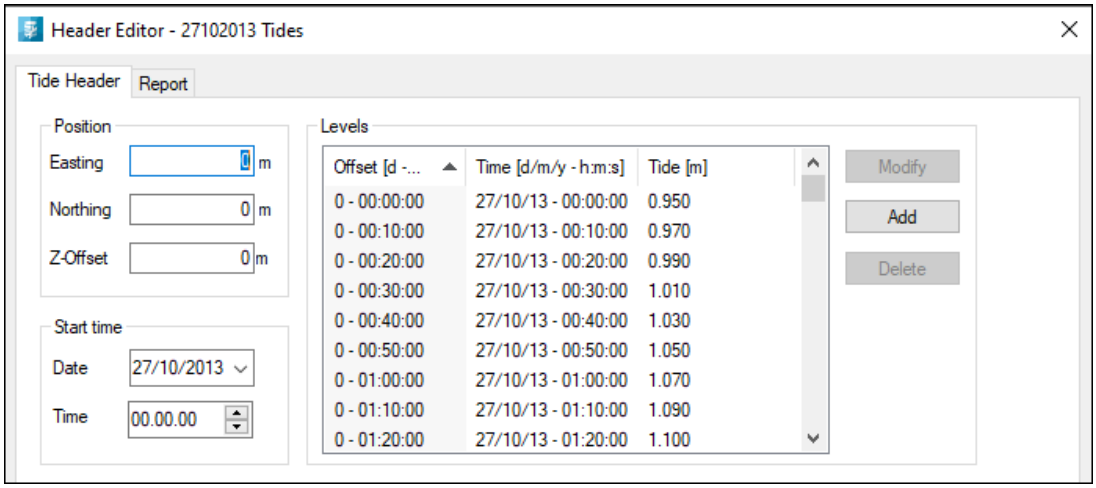

Figure 20 Header Editor: Tidal file

2 Version descriptions

Version	Date	Author	Description
0.1	13/03/2007	LDA	Created
0.2	20/04/2016	ANS	Transferred to new EIVA template
0.3	06/04/2020	ANS	Updated