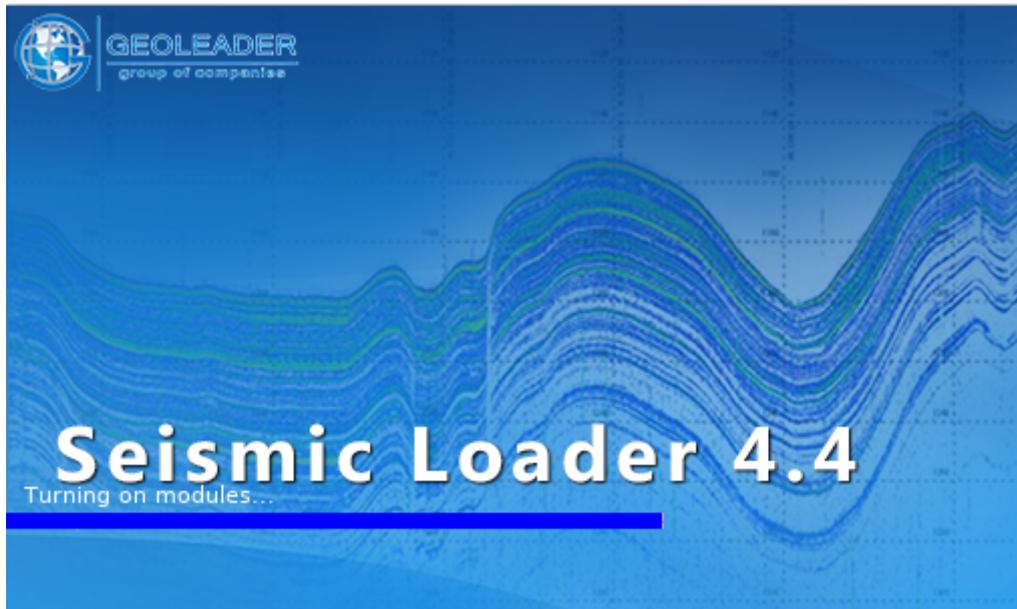


Seismic Loader 4.4



Operational scenario: processing and loading the ukoaa file

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Introduction

Seismic Loader application is designed to work with seismic, navigation and topographic data.

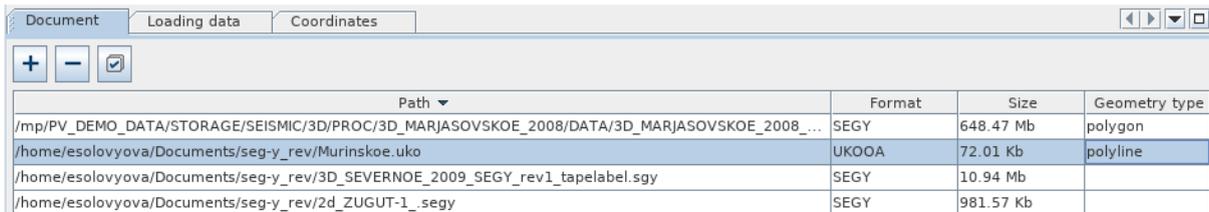
This document is auxiliary and clearly shows the main stages of working with a *ukoaa* file:

1. Adding a file
2. Marking input material
3. View processed material
4. Geometry quality check
5. Loading data into the database

Adding a file

Add the document you are going to work with to the "Document" tab using the  button.

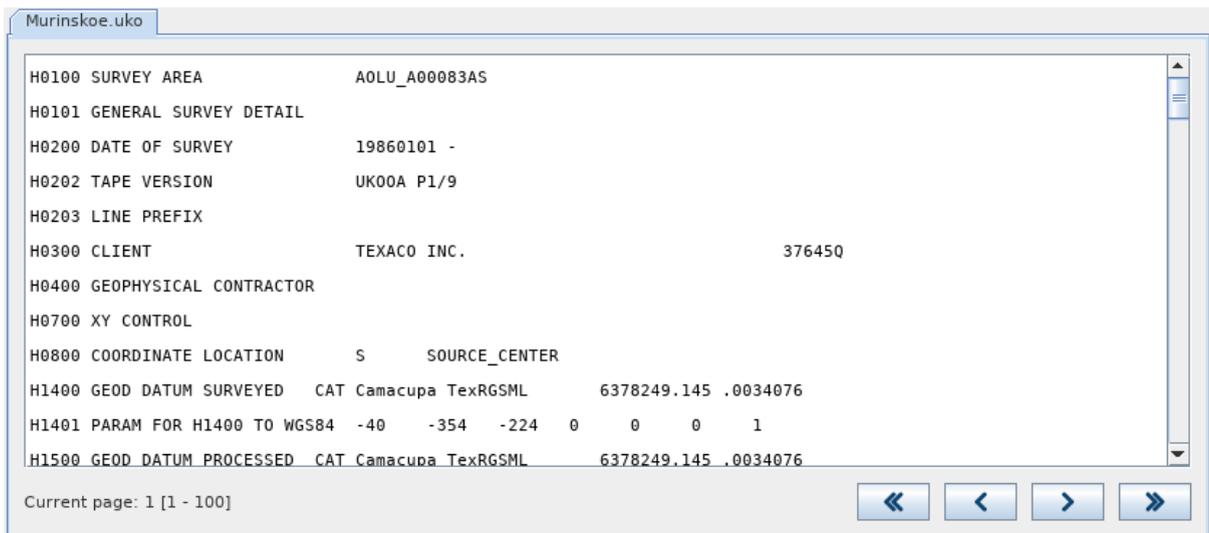
Set an appropriate geometry type. To process profiles, the example uses the "polyline" geometry type.



Path	Format	Size	Geometry type
/mp/PV_DEMO_DATA/STORAGE/SEISMIC/3D/PROC/3D_MARJASOVSKOE_2008/DATA/3D_MARJASOVSKOE_2008_...	SEGY	648.47 Mb	polygon
/home/esolovyova/Documents/seg-y_rev/Murinskoe.uko	UKOOA	72.01 Kb	polyline
/home/esolovyova/Documents/seg-y_rev/3D_SEVERNOE_2009_SEGY_rev1_tapelabel.sgy	SEGY	10.94 Mb	
/home/esolovyova/Documents/seg-y_rev/2d_ZUGUT-1_segy	SEGY	981.57 Kb	

Conversion

Go to the "Coordinates" tab. In the data window you will see the material read.

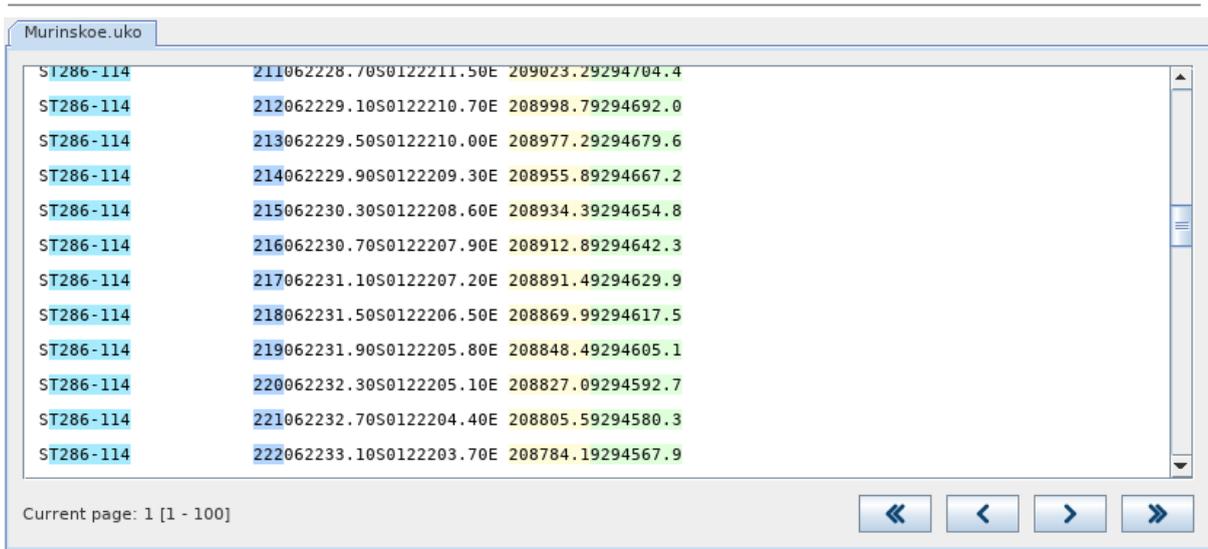


H0100	SURVEY AREA	A0LU_A00083AS	
H0101	GENERAL SURVEY DETAIL		
H0200	DATE OF SURVEY	19860101 -	
H0202	TAPE VERSION	UK00A P1/9	
H0203	LINE PREFIX		
H0300	CLIENT	TEXACO INC.	376450
H0400	GEOPHYSICAL CONTRACTOR		
H0700	XY CONTROL		
H0800	COORDINATE LOCATION	S SOURCE_CENTER	
H1400	GEOD DATUM SURVEYED	CAT Camacupa TexRGSML	6378249.145 .0034076
H1401	PARAM FOR H1400 TO WGS84	-40 -354 -224 0 0 0 1	
H1500	GEOD DATUM PROCESSED	CAT Camacupa TexRGSML	6378249.145 .0034076

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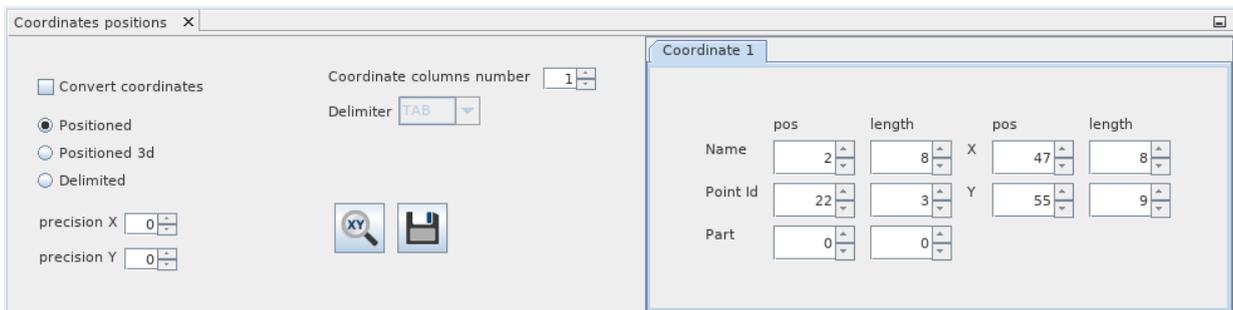
The data needs to be marked up. To do this, go to the Coordinate positions tab and set the required coordinate positions.

Operational scenario: processing and loading the ukoa file

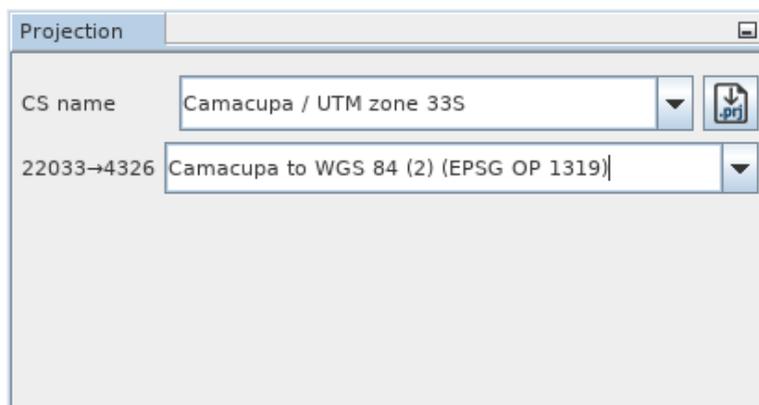


In the example they are (Name: position - length):

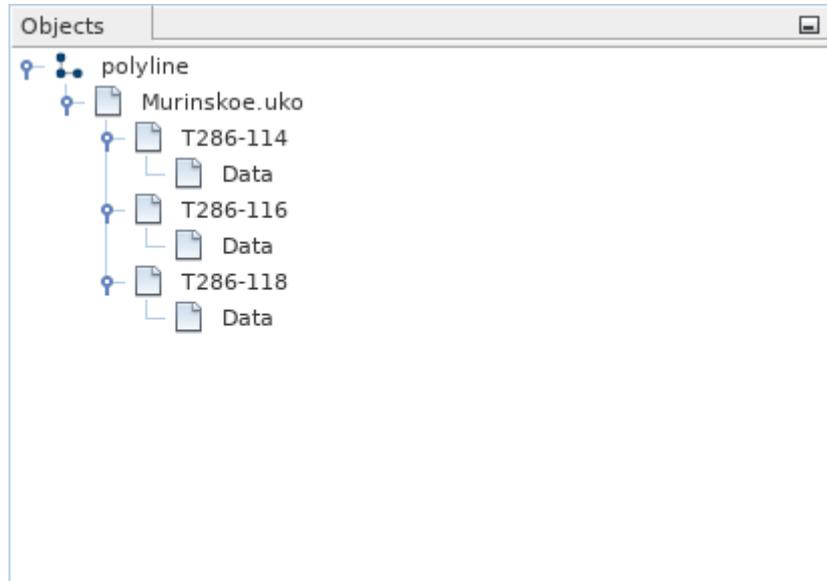
- Name: 2 - 8
- Point ID: 22 - 3
- X: 47 - 8
- Y: 55 - 9



Then in the "Projection" tab select the appropriate coordinate system and datum shift from the drop-down lists.



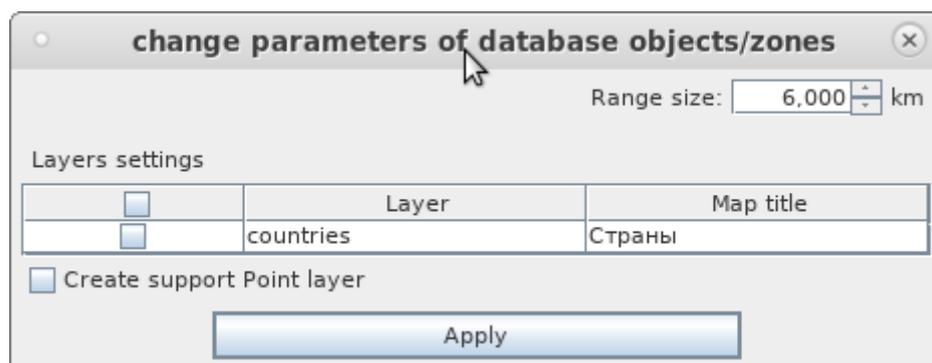
Then click on the  button - the data will appear in the "Objects" tab.



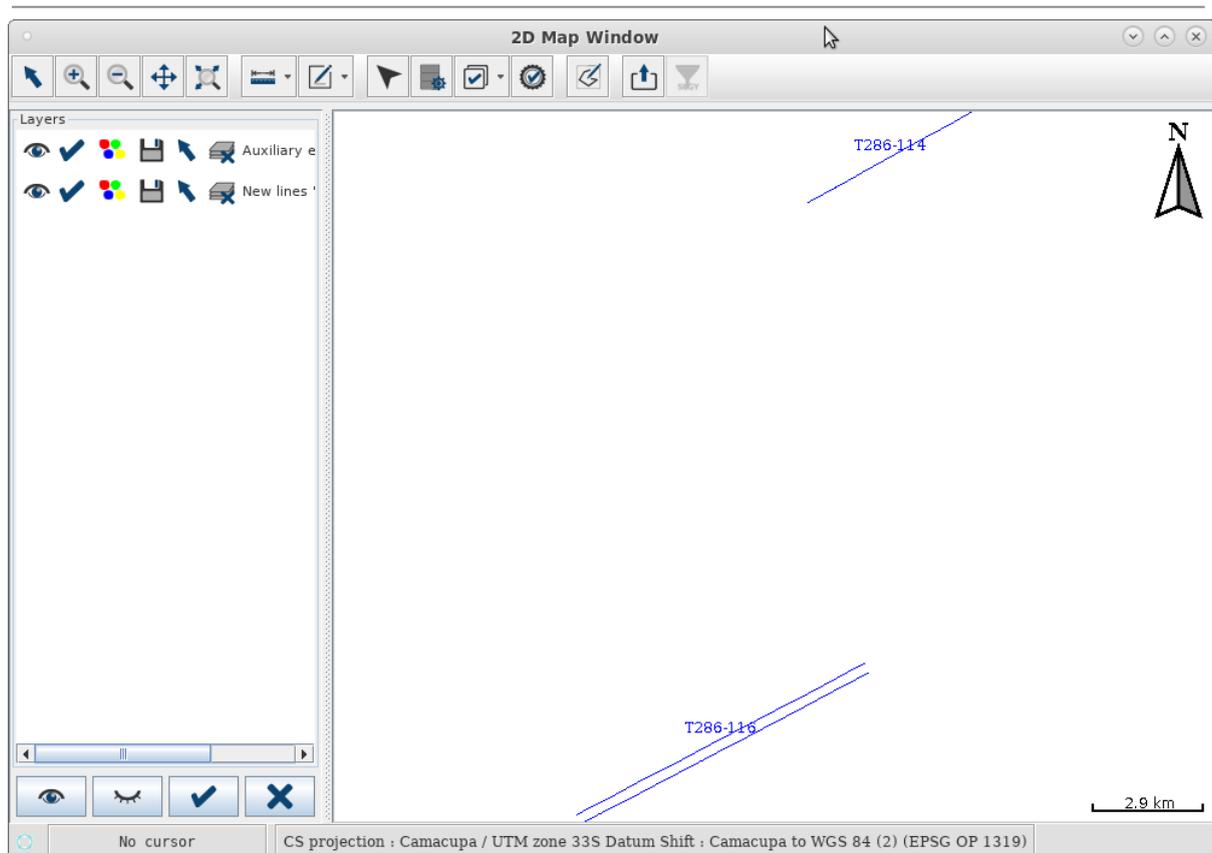
Then you can interact with the processed material.

View

In order to open the map module you only need to click on  button. You will see a window for changing the parameters of database objects. Leave the default settings and click apply.



After loading, you will see the map module:

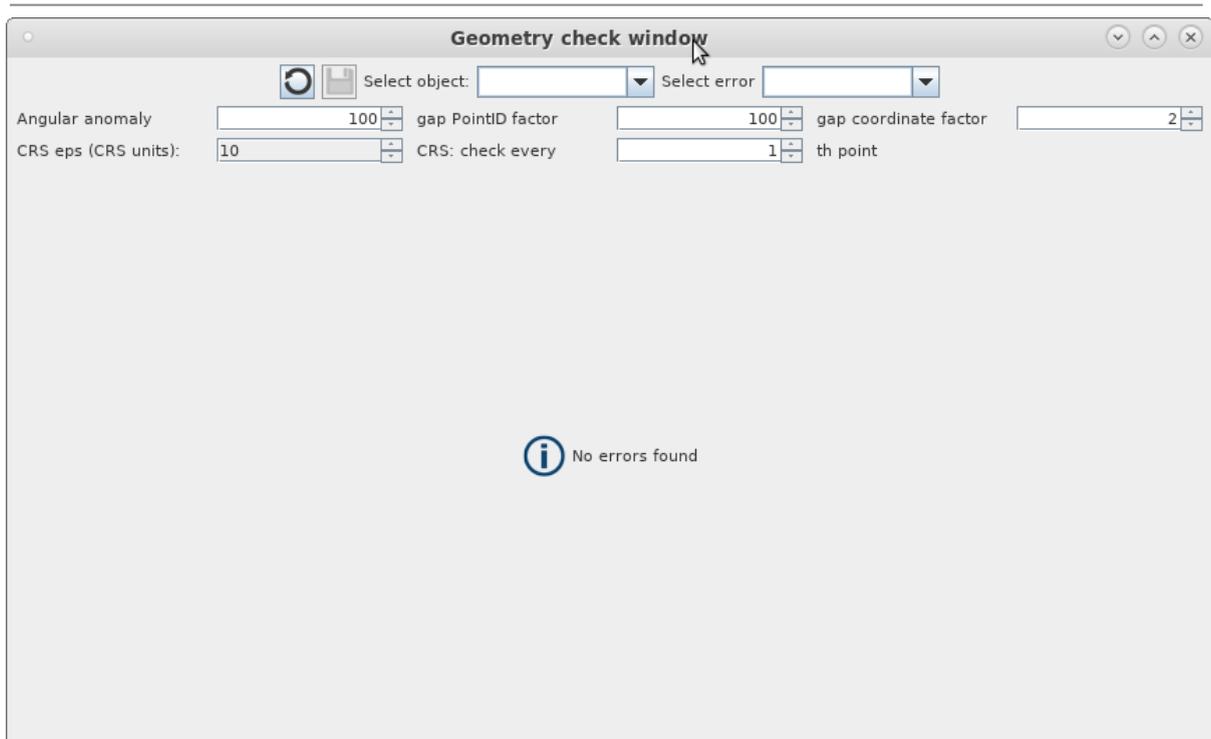


Geometry quality check

In the “Map” module click on the  button. You will see a geometry check window. For the first check the default parameters are used.

If you change any of the parameters, you must update the table again using the  button .

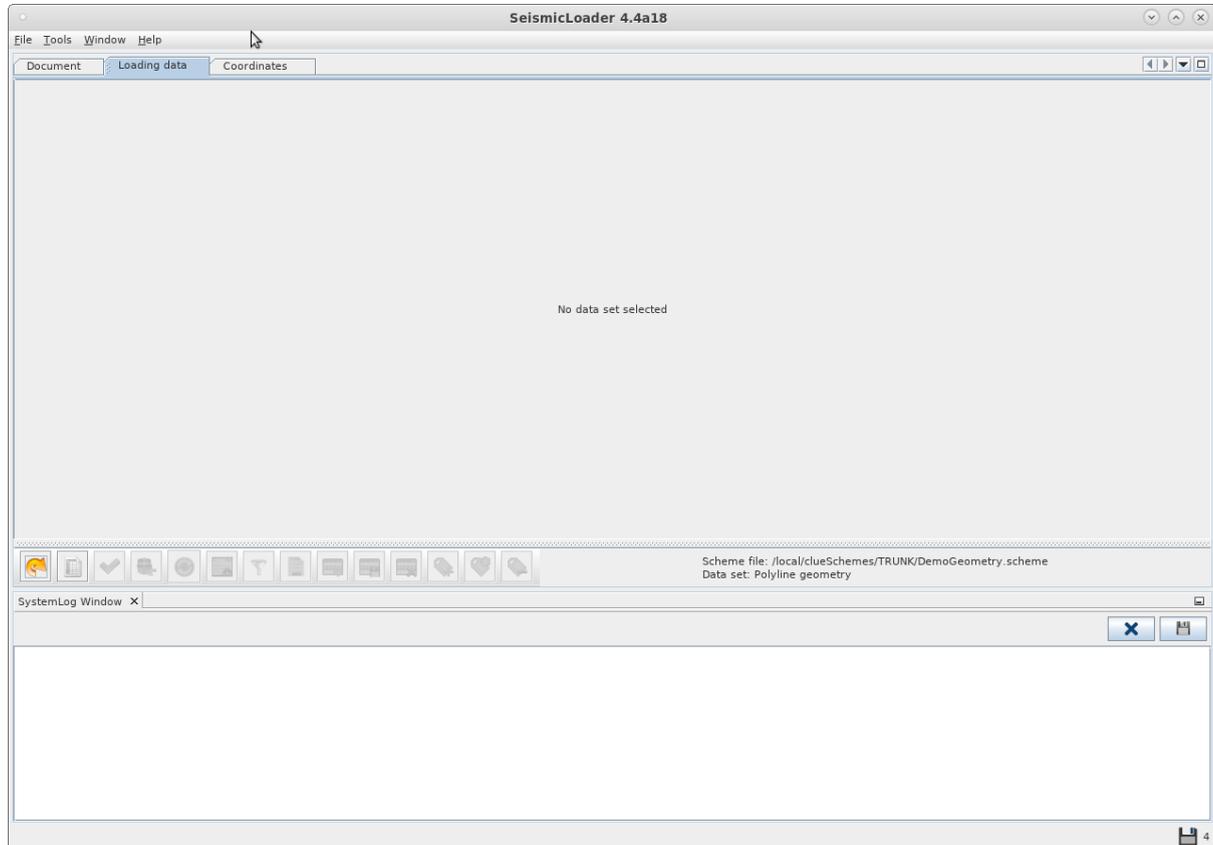
Operational scenario: processing and loading the ukoaa file



No errors were found in the data from the example, so it can be uploaded to the Databank.

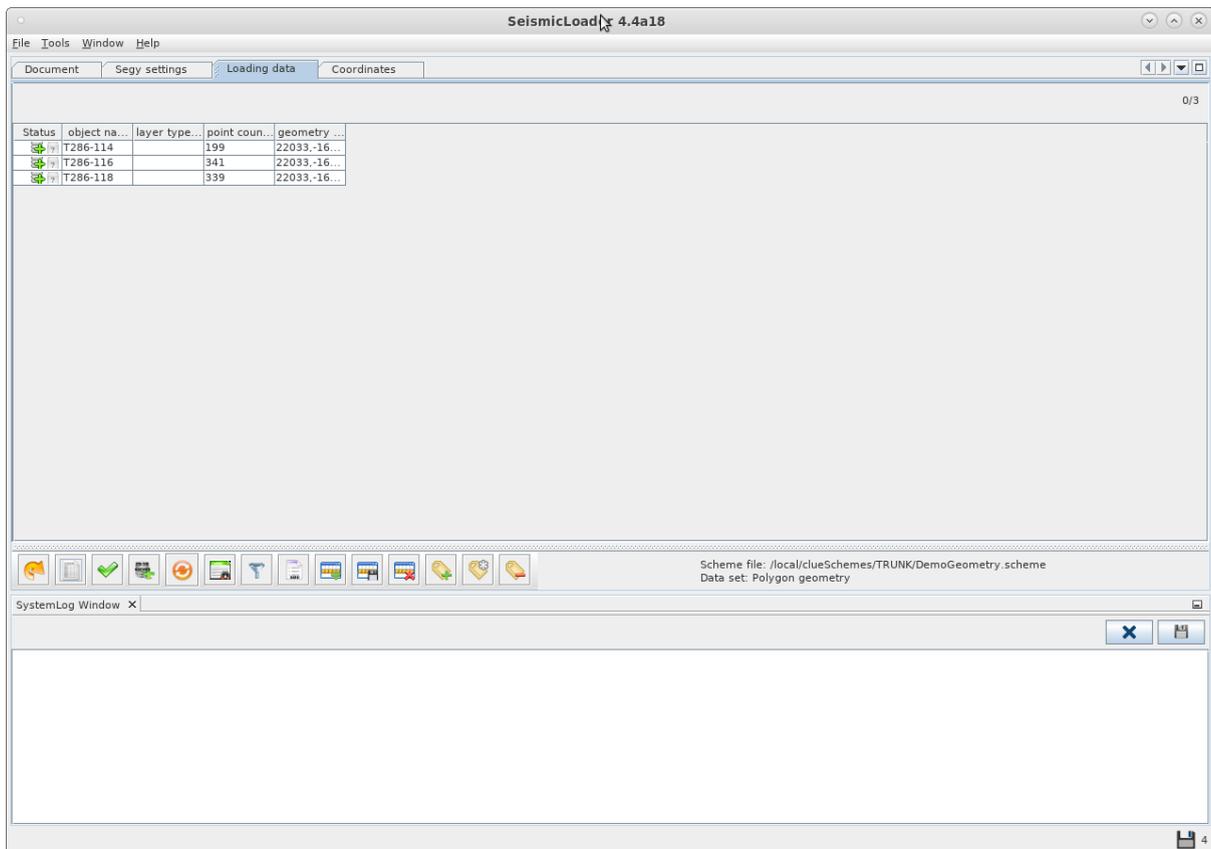
Loading data

Return to the main window of the program and go to the "Loading data" tab.



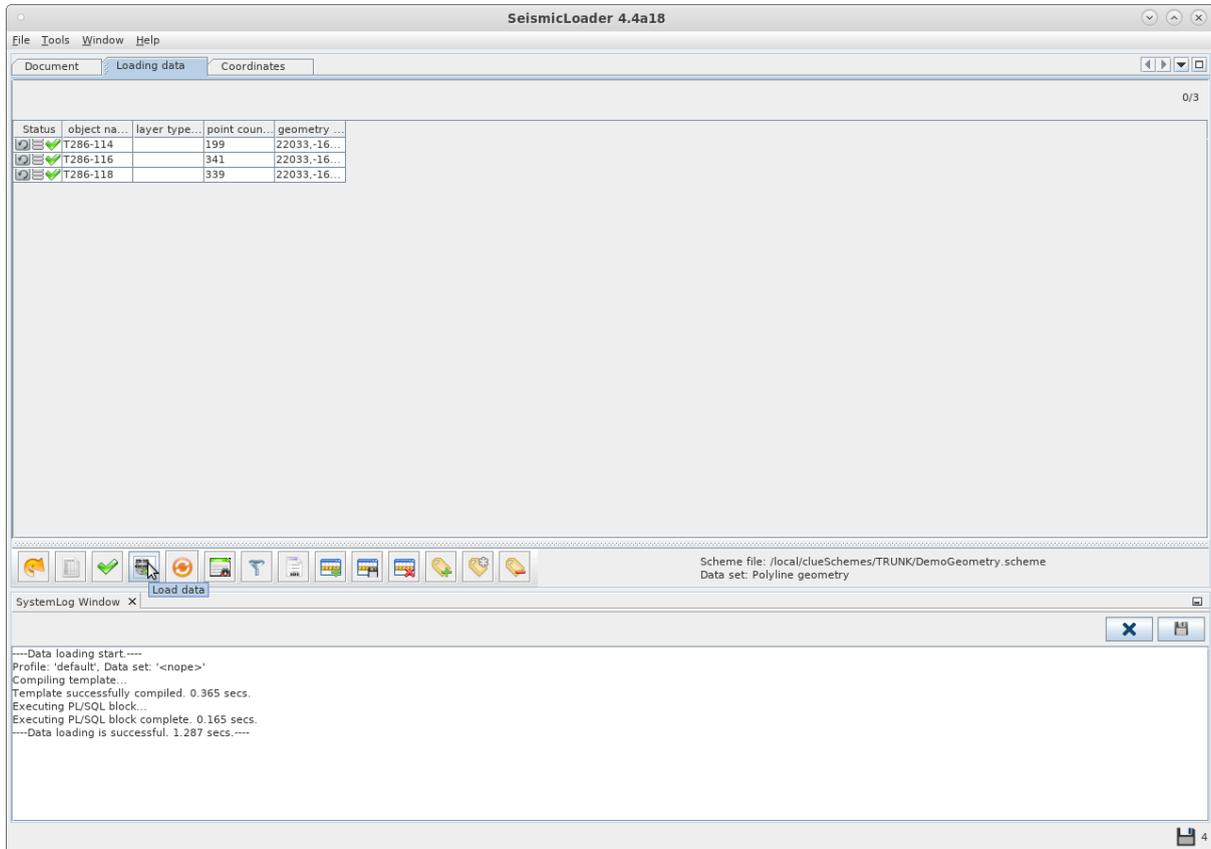
In the lower right corner, the path to the scheme file and the default dataset are indicated. Let's use them. To do this, click on the  button. Objects, their geometry and the number of points will appear in the data table.

Operational scenario: processing and loading the ukoaa file



Then click on the  button to check the quality of the data. In the example, the data is correct.

Operational scenario: processing and loading the ukoaa file



Data loaded successfully.