



OMV



Date May 22, 2024

Planned Program

2D Gandalf Seismic Acquisition Project

Internal



Contents

1	Area and program	2
2	Proposed schedule	3
3	Acquisition parameters	3
3.1	Proposed acquisition parameters	4
4	Uphole and seismic refraction survey	4

1 Area and program

OMV plans to acquire the 2D Gandalf onshore seismic project in 2026 or late 2025. It consists of roughly (see detailed description later) 700 km of 2D lines – Figure 1.

The program is located directly to the East of the city of Graz, Austria with topography characterized by elevations ranging from 270m to 570m above MSL. Three lines cross towards the West of Graz with elevation climbing to 850m above MSL. The area is populated in places and covers also agriculture and forest areas, rivers, and farmlands. Ideally, the survey area should be fully scouted in order to adequately plan the acquisition phase.

The survey consists of a grid of 2D lines, ten main North-South lines and twelve main East-West lines, with additional small lines to densify the center of the survey (two North-South lines and four East-West lines). Additionally, three 2D regional lines will extend from the grid towards the West.

Permit to access any land where source and receiver points are located will be facilitated by OMV through a third-party permitting company. It will start obtaining permits well ahead of seismic operations and the permitting database will be shared with the seismic crew. Online permitting will also be provided by this third-party to ensure smooth recording operations. Working space should be allocated to the third-party permitting company within the seismic crew basecamp to ease communications.

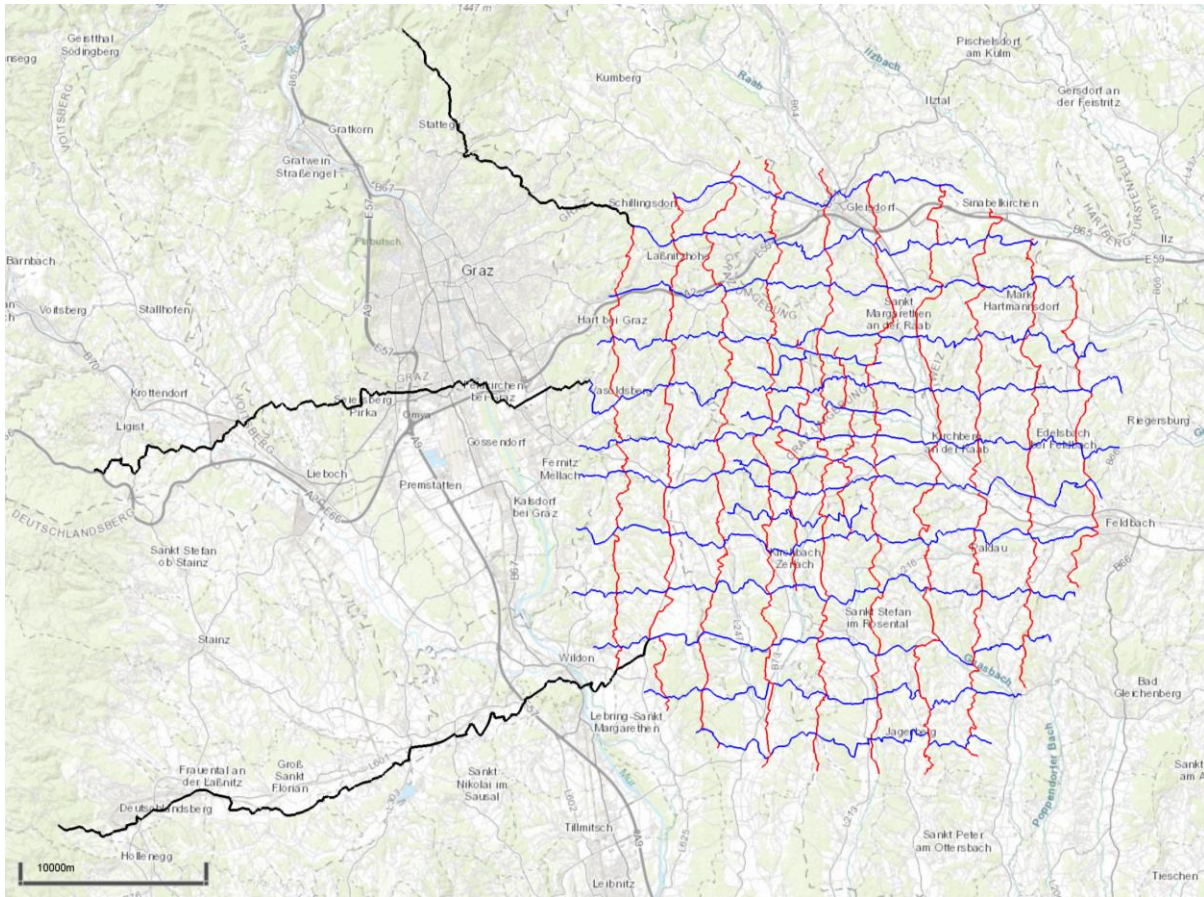


Figure 1 - 2D Gandalf seismic survey. Regional lines are displayed in black, North-South oriented lines in red and East-West oriented lines in blue. Both source points and receiver points will follow roads and tracks.

2 Proposed schedule

OMV estimate the start date for performing the services at Q1 2026. A nodal seismic recording system will be required with vibrator trucks as sources.

3 Acquisition parameters

OMV intends to acquire the highest quality dataset using the latest nodal technology. Even though this project is labelled as 2D seismic acquisition, it is intended that for a given shot, all receivers from all lines, within a threshold distance from the shot (maximum offset in acquisition parameters below), will be recording that shot (2.5D acquisition).

The seismic source will be composed of a fleet of vibrators (1 to 3 to be tested at the start of the project, 1 vertical stack). Heavy 62000 lb vibrators are to be used but smaller vibrators should be available for source stations near buildings. PPV measurements must be recorded along vibrator points to avoid damages to nearby structures.

3.1 Proposed acquisition parameters

Receiver station interval (along roads)	20 m
Source station interval (along roads)	20 m
Maximum offset	5000 m
Sweep	2-90 Hz linear, 30 s
Records	6 s, 2 ms sampling

4 Uphole and seismic refraction survey

A 32-location survey (Figure 2) will be required at locations later specified within the seismic survey area on varying topography and surface geology. This survey is intended to obtain near surface velocities, either with upholes or refraction seismic.

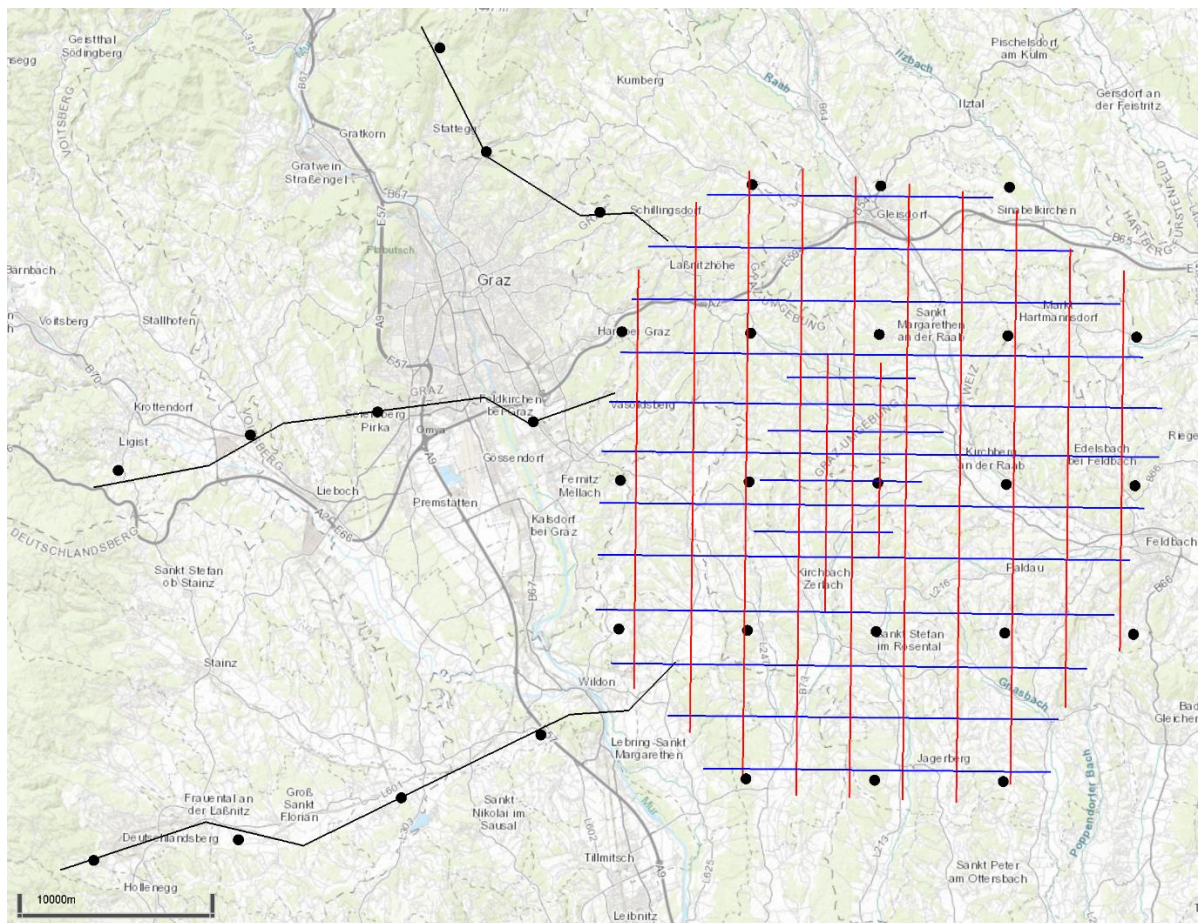


Figure 2 - Proposed uphole/refraction seismic program in relation to schematic seismic lines.