
	Map Use Instructions	
	Information Exchange System <i>External User Manual</i>	

Information Exchange System

Map Use Instructions

1.1 Maps

The Information Exchange System enables the visualisation of the gas transmission pipeline system by means of interactive maps. Below, we describe the tools that ensure smooth navigation through the maps published by the Gas Transmission Operator GAZ-SYSTEM S.A.

1.2 Single Map Viewer

The single map viewer enables intuitive navigation through the virtual map of Poland. A familiar interface known from other similar solutions available on the Internet makes moving around the map simple for the user.

There are two ways of doing this:

Navigation buttons on the map:

- Direction buttons

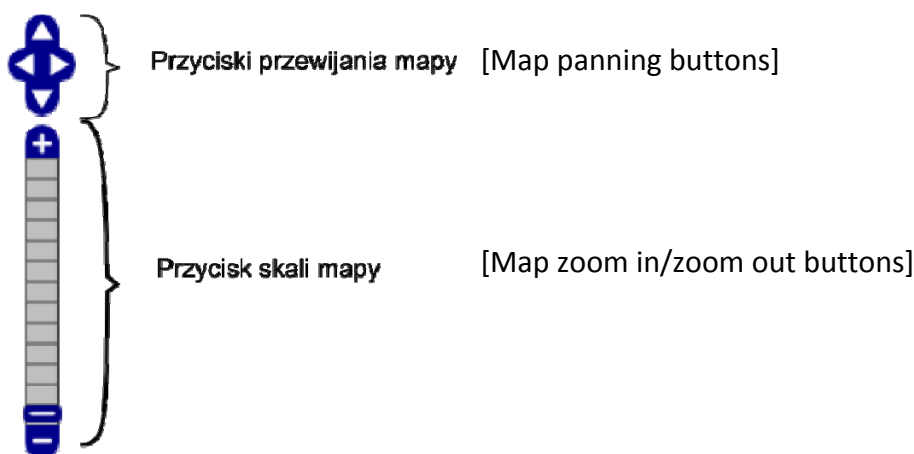



Figure 1 Map control buttons

- Alternatively, the “drag and drop” method (map panning) and the computer mouse wheel may be used when the  button is selected on the map viewer form above the map.

A multi-layer map display mechanism allows the user to hide individual features visible on the map by ticking the check boxes on the map legend panel (on the right-hand side of the map).

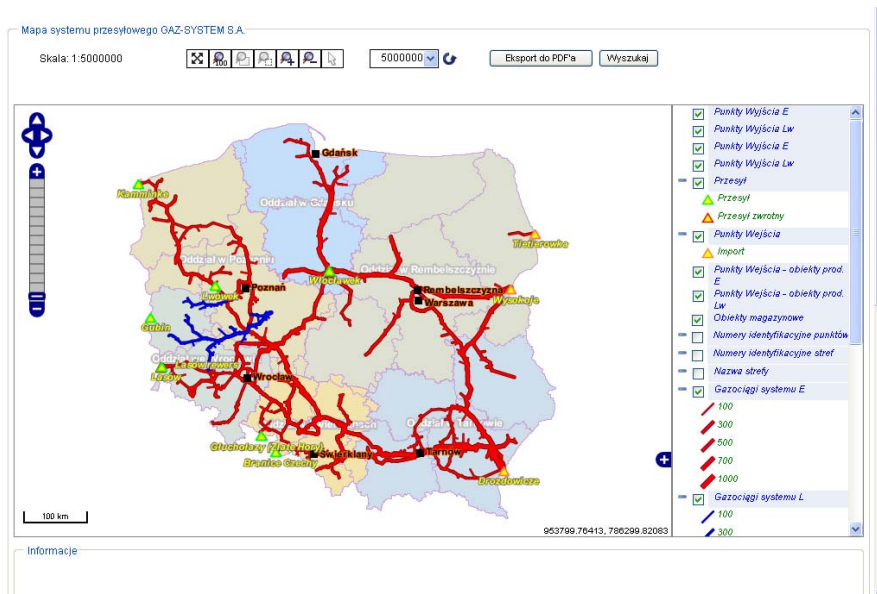
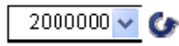






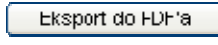
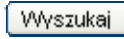
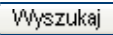




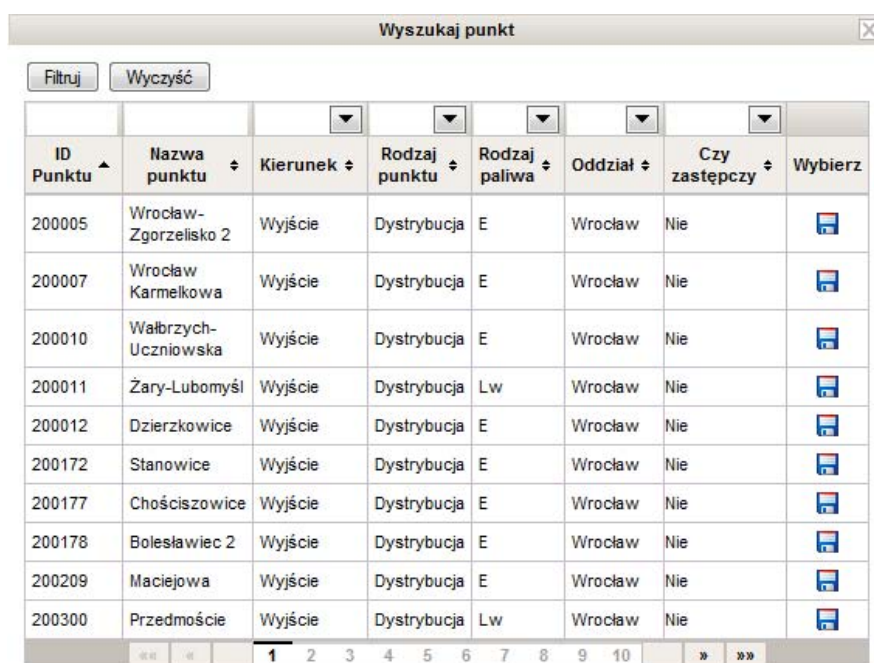
Figure 2 View of the Map of the Gas Transmission Pipeline System

Description of map navigation buttons:

Symbol	Description
	Change the scale of the displayed map – after inputting or selecting the scale from a drop-down list, the selection is approved with the “arrow” button
	Zoom in the extent of the area defined on the map
	Zoom out the extent of the area
	Zoom in the displayed map by one scale level
	Zoom out the displayed map by one scale level
	Restore full map view
	Highlight an element (select a point)
	Export the current map view to an external PDF file
	Searching a point on the map

1.3 Searching features on the map

Maps support the search of system points by means of a search engine. The selection of  button opens up a modal window with a list of points that may be filtered out in by the relevant column. For this purpose, the user should apply the relevant filter and click on the  button. The point of interest is selected with the  button, which makes it displayed on the map.















ID Punktu	Nazwa punktu	Kierunek	Rodzaj punktu	Rodzaj paliwa	Oddział	Czy zastępczy	Wybierz
200005	Wrocław-Zgorzelisko 2	Wyjście	Dystrybucja	E	Wrocław	Nie	
200007	Wrocław Karmelkowa	Wyjście	Dystrybucja	E	Wrocław	Nie	
200010	Wałbrzych-Uczniowska	Wyjście	Dystrybucja	E	Wrocław	Nie	
200011	Żary-Lubomyśl	Wyjście	Dystrybucja	Lw	Wrocław	Nie	
200012	Dzierzkowice	Wyjście	Dystrybucja	E	Wrocław	Nie	
200172	Stanowice	Wyjście	Dystrybucja	E	Wrocław	Nie	
200177	Chościszowice	Wyjście	Dystrybucja	E	Wrocław	Nie	
200178	Bolesławiec 2	Wyjście	Dystrybucja	E	Wrocław	Nie	
200209	Maciejowa	Wyjście	Dystrybucja	E	Wrocław	Nie	
200300	Przedmoście	Wyjście	Dystrybucja	Lw	Wrocław	Nie	

Figure 3 Modal window for point search on the map

The filter may be applied by selecting the relevant element from the list by using the  button, or by inputting the searched phrase in the field above the column while replacing its selected elements with an asterisk “ * ”.

1.4 Collecting information on a point

The map offers a functionality that enables the collection of detailed information for a selected point. Using the  tool over the map, the user may select a point on the map and display its parameters. The information is displayed in two ways:

- in a tooltip on the map
- in a table below the map

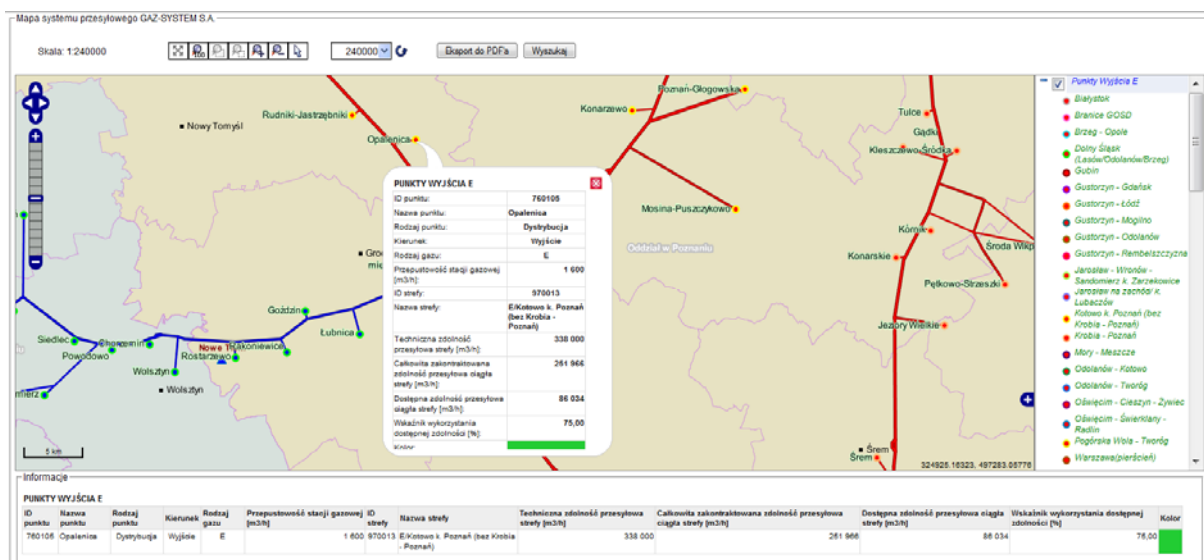


Figure 4 Details of a point on the map

1.5 Exporting a map to a PDF file

The selected extent of the SWI map may be exported to a file in the PDF format. The selection of the Eksport do PDF'a button over the map opens up a window where the user may select the elements of the map and the legend to be included in the printout by ticking the appropriate check boxes :

- Title – define the map title
- Printout description – insert a brief (up to 5 lines) description under the map
- Scale – insert the current map scale
- Point details – details of the pre-selected point will be presented under the map
- Legend – the possibility of selecting individual elements of the legend and changing their order

After the approval with the “Generuj” (Generate) button, the map is exported to a PDF file.

Eksport mapy do pdf ✕

Tytuł

Opis wydruku

Skala

Informacje o punkcie

Legenda

	Opis	Warstwa		
●	<input type="text" value="Białystok"/>	Punkty Wyjścia E	▲ ▼	<input checked="" type="checkbox"/>
●	<input type="text" value="Branice GOSD"/>	Punkty Wyjścia E	▲ ▼	<input checked="" type="checkbox"/>
●	<input type="text" value="Brzeg - Opole"/>	Punkty Wyjścia E	▲ ▼	<input checked="" type="checkbox"/>
●	<input type="text" value="Dolny Śląsk (Lasów/Odolanów/Brzeg)"/>	Punkty Wyjścia E	▲ ▼	<input checked="" type="checkbox"/>
●	<input type="text" value="Gubin"/>	Punkty Wyjścia E	▲ ▼	<input checked="" type="checkbox"/>
●	<input type="text" value="Gustorzyn - Gdańsk"/>	Punkty Wyjścia E	▲ ▼	<input checked="" type="checkbox"/>

Figure 5 Parameter definition window for exporting the map export to the PDF format