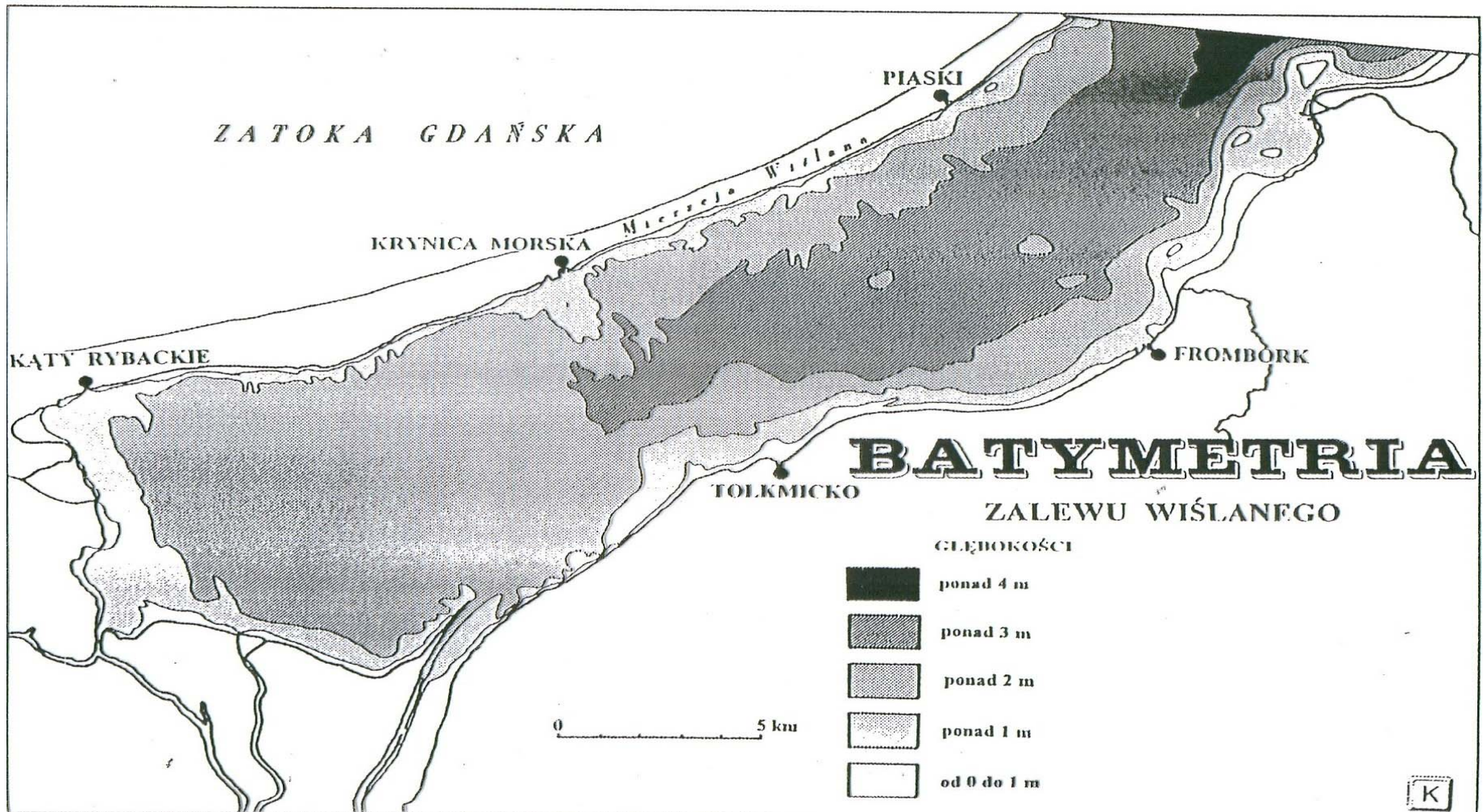


# Future perspective for broader transportation flows through the Vistula Lagoon

prof. Krzysztof Luks

Elbląg, 7- 8 June, 2011

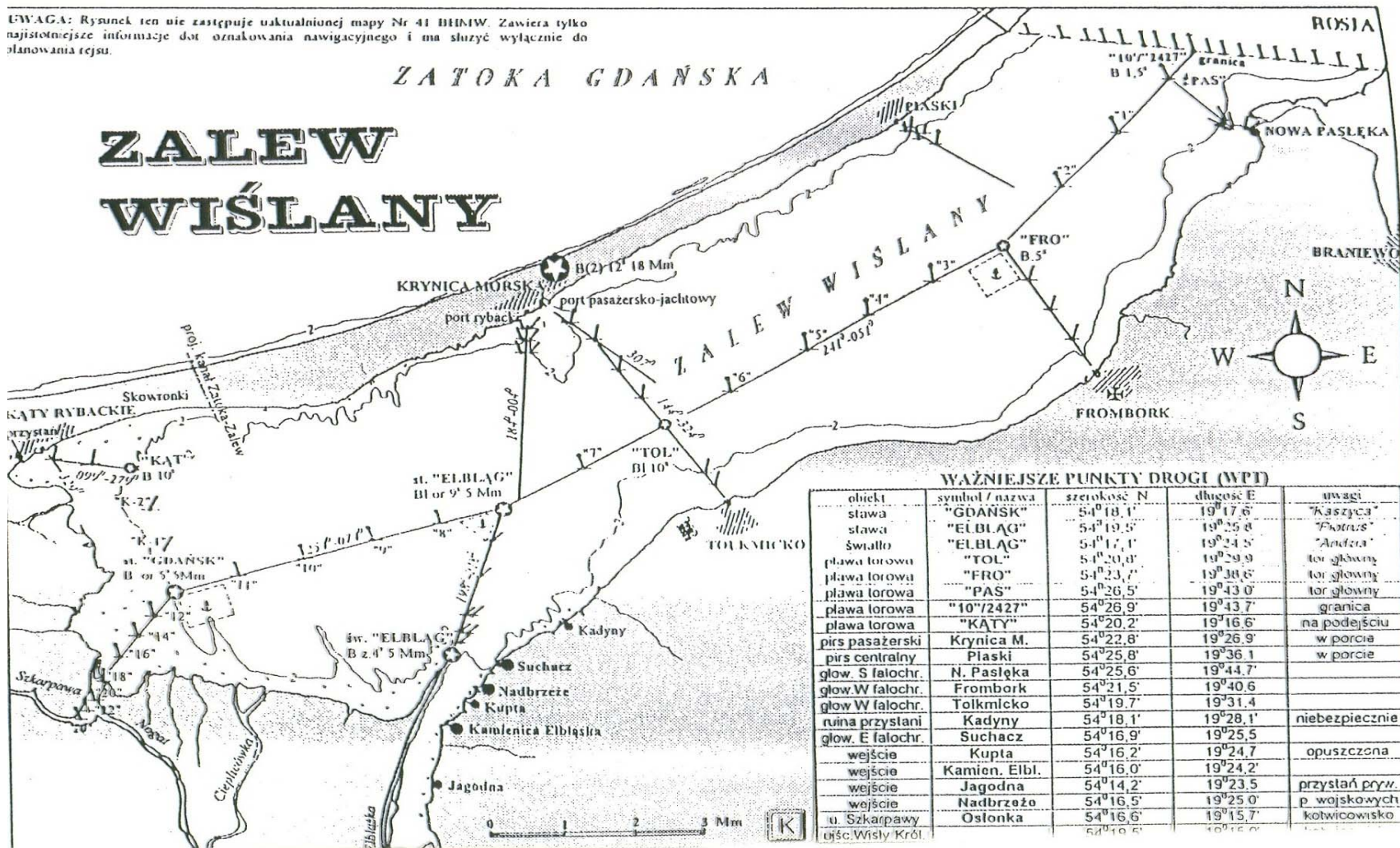
# Bathymetry of the Vistula Lagoon



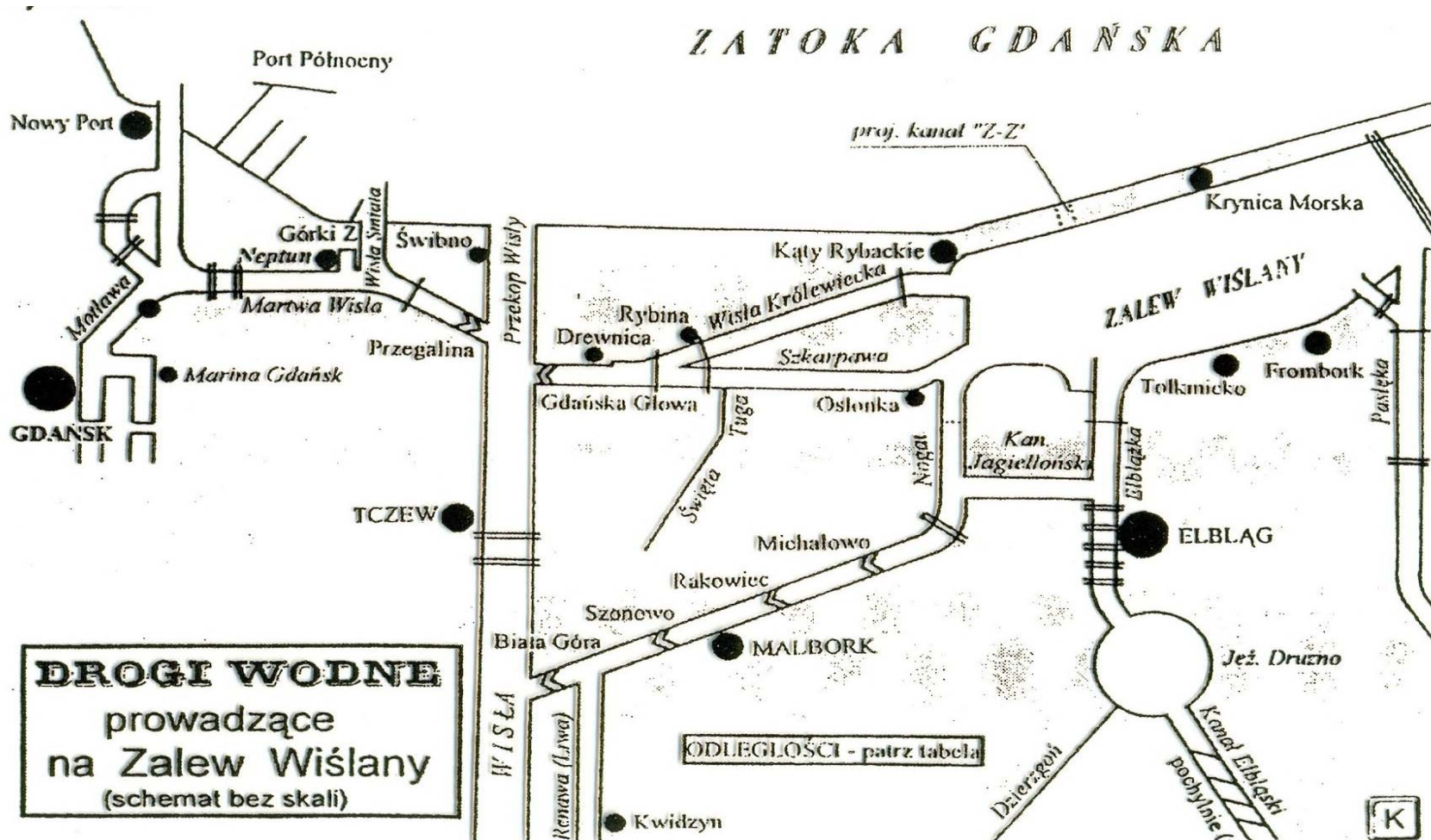


# Fairways of the Vistula Lagoon

UWAGA: Rysunek ten nie zastępuje uaktualnionej mapy Nr 41 BHMW. Zawiera tylko najważniejsze informacje dot. oznakowania nawigacyjnego i ma służyć wyłącznie do planowania rejsu.

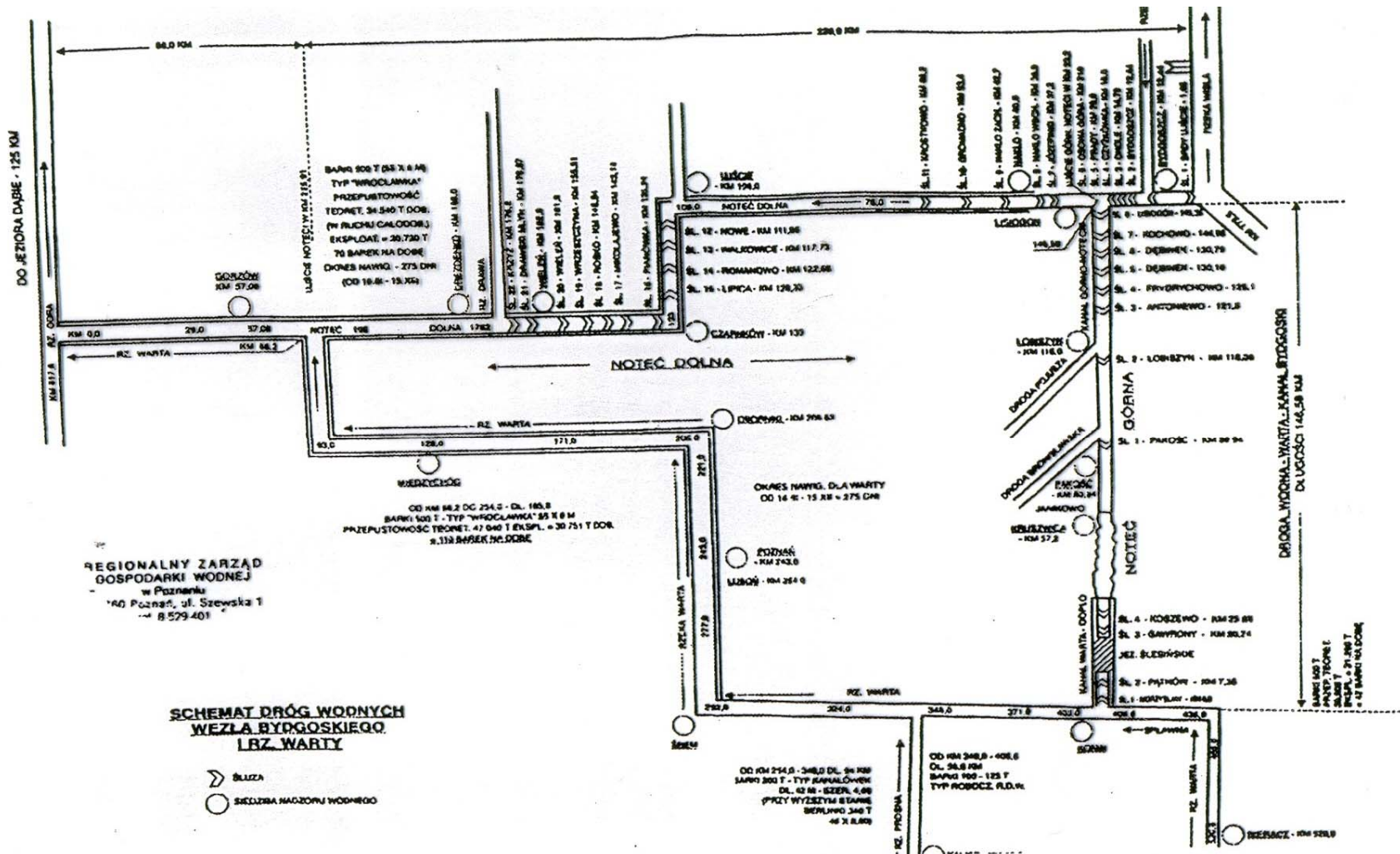


# National inland waterway network - lower Vistula River

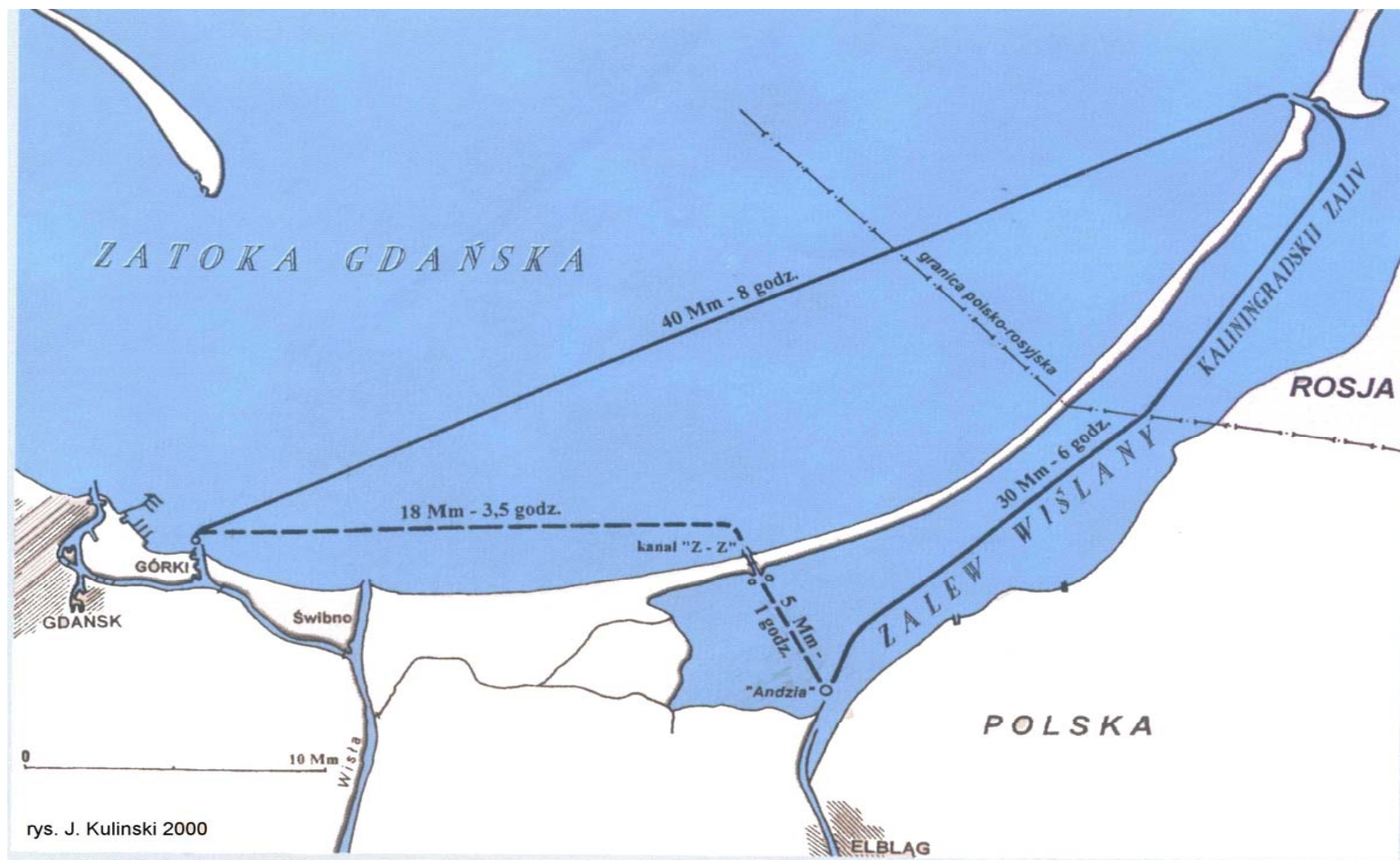




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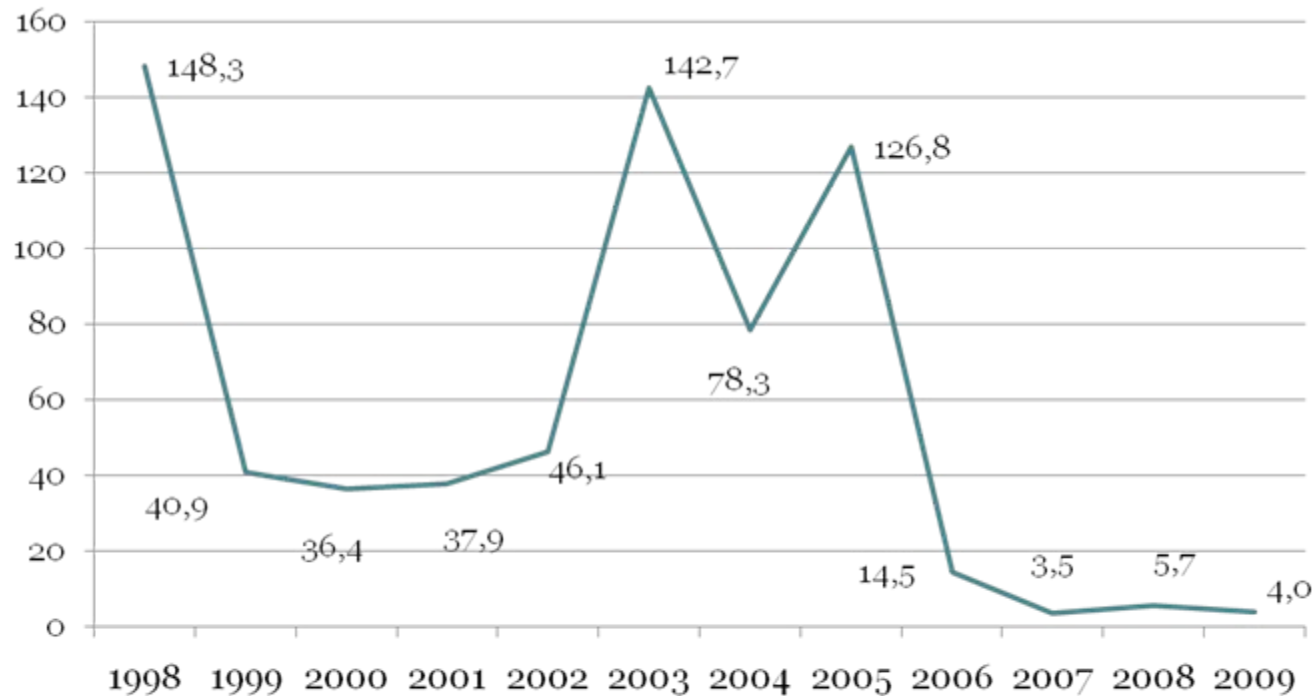
# Water channel through the Vistula Spit



## Existing and potential transport directions handled by Port of Elbląg

- To/from Kaliningrad Region ports
- To/from ports of Gdańsk and Gdynia through Szkarpawa River and Martwa Wisła River
- E70 inland waterway
- Transport freight up the Vistula River

## Current volume and structure of cargo handling in Port of Elbląg



Port of Elbląg cargo turnover in 1998 - 2009  
(in thous. tonnes)



## Future potential of cargo turnover in Port of Elbląg

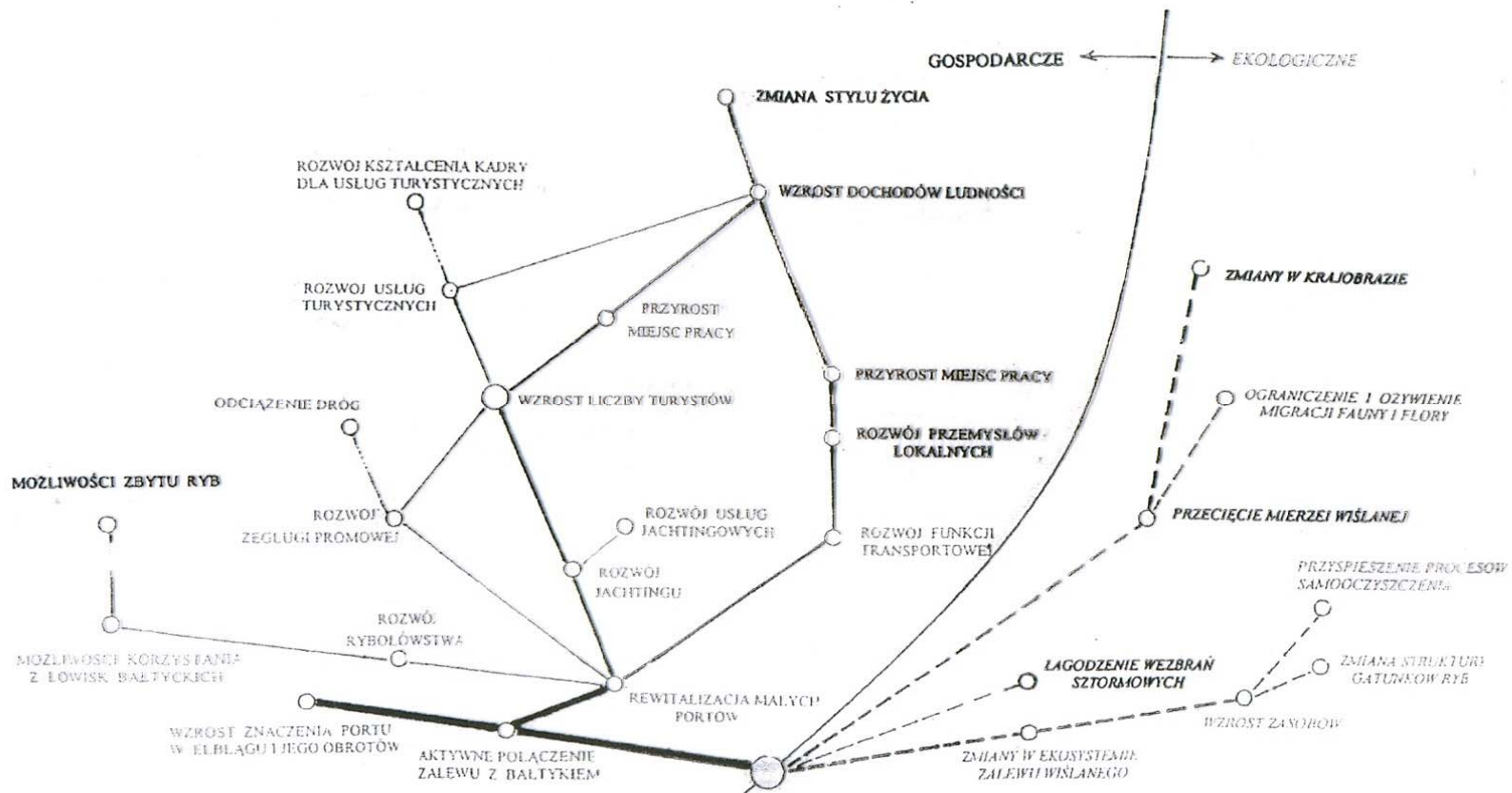
- Scenario 1: unchanged state of fairways on the Vistula Lagoon, unchanged administrative procedures of passage through Russian waters, unchanged state of Polish inland waterways
- Scenario 2: Improved conditions of Polish inland waterways, simplified administrative procedures of passage through Russian waters for international vessels
- Scenario 3: Scenario 2 improved by the existence of water channel through Vistula Spit (Mierzeja Wiślana)

## Threats for the optimal use of the full development potential of Port of Elbląg

- Lack of adequate investments in inland waterways
- No modernisation of the Vistula Lagoon - Port of Elbląg fairway approach
- Abandonment of water channel construction through Vistula Spit
- Deterioration of Polish – Russian relations and closure of the Russian part of Vistula Lagoon for shipping

# Opportunities for the optimal use of the full development potential of Port of Elbląg

DRZEWKO GŁÓWNYCH NASTĘPSTW BUDOWY  
KANALU ZALEW WIŚLANY - MORZE BAŁTYCKIE



BUDOWA KANAŁU ŁĄCZĄCEGO  
ZALEW WIŚLANY Z MORZEM BAŁTYCKIM





Thank you for your attention!

prof. Krzysztof Luks