

Feasibility study, Detail Design, Construction supervision.



**Customer:**

"Druzhba" Main Oil Pipeline Branch of OJSC "Ukrtransnaft" (Ukraine).

**Year of execution:** 2002

**Project Objective:** to transfer oil from MOTC "Pivdenniy" (Yuzhny port) to LODS "Brody" to supply Ukrainian refineries and consumers in Eastern Europe.

**Basic engineering solutions:**

- Construction of the oil pipeline using shop insulated 12 mm thick pipes, Ø1020 mm
- Application of telecontrol system (APCS) manufactured by MMT, Hungary.
- Fiber-optic communication system (FOCS).
  
- Application of gate valves with IQ and Rotork type drives.
- Pig scraper injector/receiver valve and diagnostic units.

**Basic technical data:**

Pipeline length	-	674 km
Diameter	-	1020 mm
Intermediate OPS	-	2
Throughput capacity of starting complex (excluding intermediate stations)	-	9 million t/year

Total throughput capacity

30 million t/year