PRESENTS
NEW RAILFERRY TERMINAL IN PORT OF DERINCE (TURKEY)

PROSPECTS OF INTERMODAL TRANSPORTATIONS BY REGULAR RAILFERRY SERVICE
Ukraine – Turkey WITHIN INTERNATIONAL TRANSPORT CORRIDORS BETWEEN EUROPE AND ASIA
FERRY LINES OF "UKRFERRY"
MARKETS OVERVIEW

- **UKRAINE 2003**
  - Area: 603700 sq m
  - Population: 47 million
  - Annual economy growth: + 8%

- **TURKEY 2003**
  - Area: 779452 sq m
  - Population: 62 million
  - Annual economy growth: + 5%
MARKET INCENTIVES

✓ INCREASING MUTUAL TRADE BETWEEN UKRAINE AND TURKEY.

✓ INCREASING TRANSIT CARGO TRAFFIC VIA UKRAINE BETWEEN RUSSIA, KHAZAHSTAN, POLAND, SLOVAKIA, BELORUSSIA, BALTIC STATES AND TURKEY, SYRIA, IRAQ, IRAN.

✓ CUSTOMERS DEMAND IN DOOR TO DOOR TRANSPORTATION OF GOODS WITHOUT TRANSSHIPMENTS IN PORTS AND BOARDERS.
REGULAR RAILFERRY SERVICE
UKRAINE – TURKEY
STARTED IN MAY 2001
LOCATION:
PORT OF DERINCE, 80 KM SOUTH OF ISTANBUL.
Dynamic of the cargo traffic
Ilichevsk – Derince
2001 - 2004 years,
thousand tons

Jan - June
May - Dec
12 month
MAIN COMMODITIES IN RAIL WAGONS FROM CIS TO TURKEY

- SPIRITS
- FERTILIZERS
- CHEMICALS
- ORE CONCENTRATES
- TIMBER/WOOD MATERIALS
- PAPER AND CARDBOARD
- GRAIN
- METALL PRODUCTS
- PROJECT CARGOES
MAIN COMMODITIES IN RAIL WAGONS FROM TURKEY TO CIS

- CONSTRUCTION MATERIALS
- TEXTILES
- CERAMICS
- PLASTICS
- CARS
- CONSUMER GOODS
- FRESH FRUITS
- ELECTRICAL APPLIANCES
CONCEPT OF THE PROJECT

GENERAL IDEA:

TO PROVIDE DIRECT REGULAR CARGO RAILFERRY TRANSPORTATION BETWEEN UKRAINE, CIS, BALTIC, EAST EUROPEAN COUNTRIES AND TURKEY, SYRIA, IRAQ, IRAN
DETAILS OF TERMINAL

- PROJECT MANAGERS AND TECHNICAL CONCEPT:
  - SHIPPING COMPANY “UKRFERRY” (UKRAINE)
  - FORWARDING COMPANY “BATIRAIL” (TURKEY)

- SOURCE OF PROJECT FINANCING:
  PRIVATE INVESTMENT OF “BATIWAGON” (TURKEY)

- PERIOD OF TERMINAL CONSTRUCTION:
  FROM 01.12.03 TILL 01.09.04
Rails, rail switches, sleepers and many special railway devices were supplied from Ukraine. Technical design was developed in Ukraine.
Basement of railways
Placing the railways
Placing the railways
Placing the railways
Crossing of railways
Wagons handling area of railway station before concrete covering
View on the rail wagons handling area upon construction
Construction of connecting bridge fenders
Construction of connecting bridge fenders
Installation of connecting bridge ramp
Construction of connecting bridge
Arrival of rail ferry on trail voyage
Mooring the ferry in the terminal
opening the stern door
Connecting of ferry and bridge
Ferry is ready for cargo operation
Connecting bridge
Tug master towing the wagons
Covered rail wagon going out the ferry
Passing the connection between ferry and bridge
Tug master towing the wagons to handling area of railway station
Cargo handling area of railway station
Cargo handling area of railway station
Cargo handling area of railway station
Cargo handling area of railway station
Departure from Derince to Ilichevsk
DETAILS OF THE TERMINAL

**OPERATION FUNCTION:**

- TO PROVIDE CONNECTION BETWEEN THE RAILWAYS OF THE FERRY AND SHORE
- TO ROLL OF RAILWAGONS ON CIS STANDARD BOOGIES (1520 MM) INTO SHORE RAILWAY STATION.
- TO HANDLE CIS RAILWAGONS IN THE RAILWAY STATION (LOADING DICHRAGE)
DETAILS OF THE TERMINAL

- **SPECIAL EQUIPMENT:**
  - CONNECTING BRIDGE FOR RAILWAGONS AND TRUCKS WITH TOTAL WEIGHT UP TO 92 TON
  - 3 RAIL SWITCHES
  - TUG MASTER TRUCK, FORKLIFTS

- **OPERATIONAL CAPACITIES:**
  - 2200 METRES OF RAILWAY OF CIS STANDARD (1520 MM GAUGE) IN 3 OPERATIONAL LINES FOR HANDLING OF 90 COVERED WAGONS.
  - ANNUAL CARGO CAPACITY - 500,000 TON
DIRECTIONS OF INTERMODAL TRANSPORTATION VIA RAILFERRY SERVICES IN BLACK SEA
THANK YOU FOR YOUR ATTENTION AND WELCOME TO REGULAR RAIL FERRY SERVICE ILICHEVSK – DERINCE

UKRFERRY SHIPPING COMPANY

2004
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