

1

Fresh NF

Shipment Options within the Territory of Iran



- 7 Dangerous Class
- Package type TKS-5

Package weight with FA is 3450 kg
 Empty Packaging weight is 1900 kg

- Transport types:



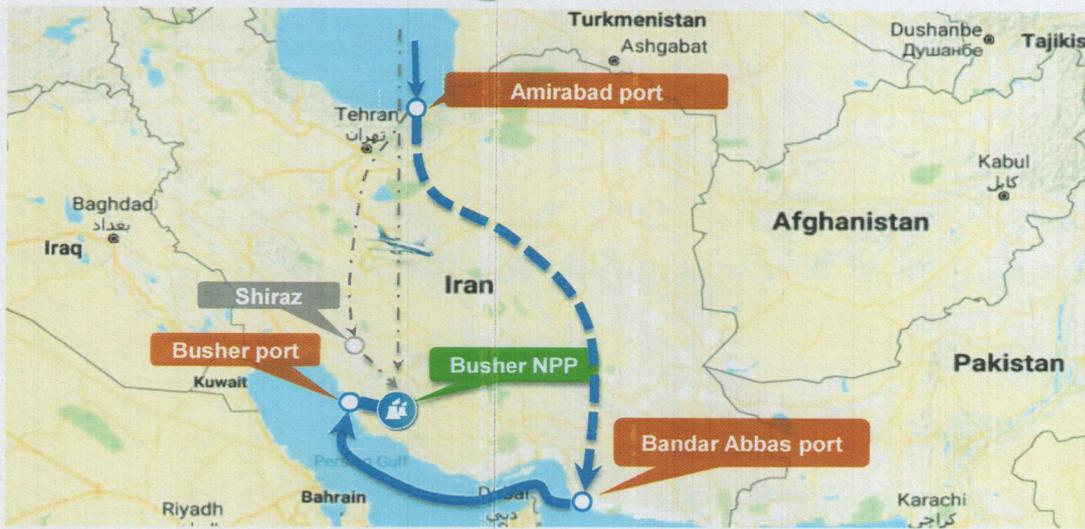
Busher port – Busher NPP distance is 20 km

Amirabad port – Bandar Abbas port – Busher NPP distance is 2 570 km

- Rail transport
- Sea transport
- Auto transport
- Alternative routes



- Consignee is Busher NPP



1

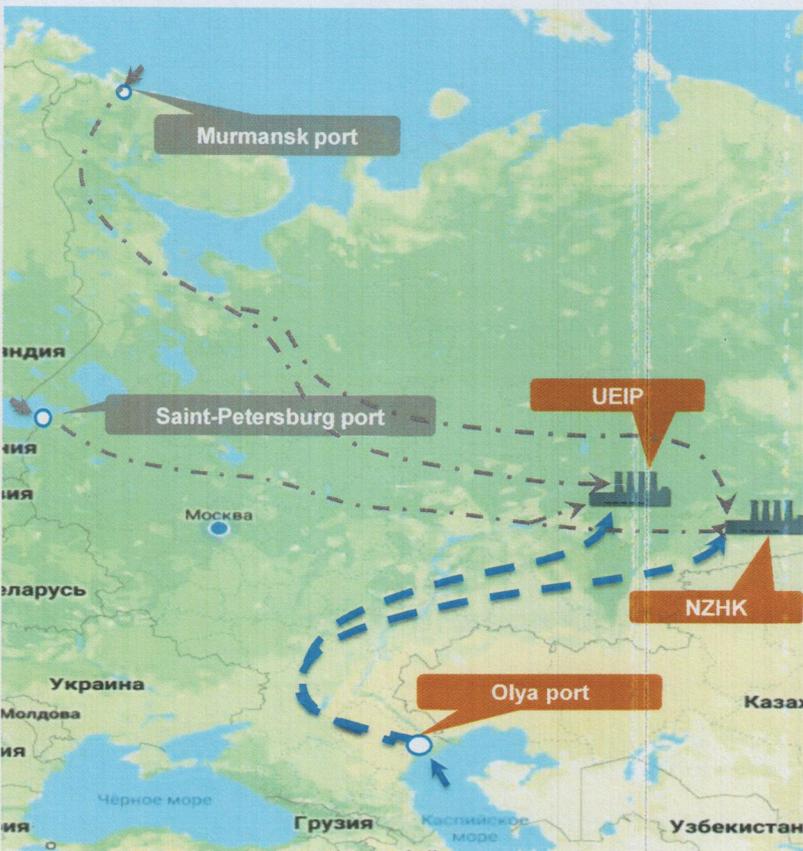
Fresh NF.

Comparison of the Caspian and Alternative Routes



Caspian route
 Sea transport Rail transport Auto transport

Alternative routes



7 Dangerous Class

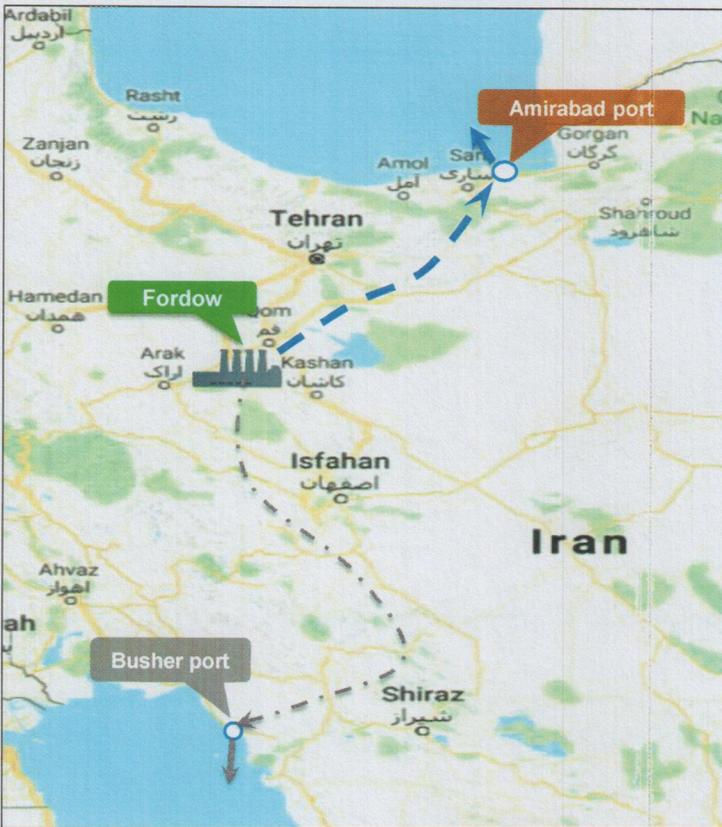
Filled/empty Package UX30 weight is 3755 kg /1478 kg
 Filled/empty Package TK – C16 (scrap) weight is 265 kg/220 kg
 Filled/empty Package TK-115 (UO2 up to 5%) weight is 1270 kg/570 kg
 Filled/empty Package TK-95 (U3O8 up to 20%) weight is 160/125 kg
 Transportation is carried out using 20-foot containers / flatracks

-  • Consignor is facility in Fordow city
-  • Consignee is JSC "UEIP", JSC "NZHK"
-  • Rail transport
-  • Alternative routes
-  • Transport types:



Distances:
 Murmansk port – JSC "UEIP" is 2 955 km
 Saint-Petersburg - JSC "UEIP" is 2 161 km
 Olya port – JSC "UEIP" is 2 679 km
 Murmansk port – PJSC "NZHK" is 4 465 km
 Saint-Petersburg port – PJSC "NZHK" is 3 671 km
 Olya port – PJSC "NZHK" is 4 189 km

2 SEU Transportation Options within the Territory of Iran



7 Dangerous Class

Filled/empty Package UX30 weight is 3755 kg /1478 kg
 Filled/empty Package TK – C16 (scrap) weight is 265 kg/220 kg
 Filled/empty Package TK-115 (UO2 up to 5%) weight is 1270 kg/570 kg
 Filled/empty Package TK-95 (U3O8 up to 20%) weight is 160/125 kg
 Transportation is carried out using 20-foot containers / flatracks



- Consignor is facility in Fordow city
- Consignee is JSC "UEIP", JSC "NZHK"



- Inland transport



- Alternative route
- Transport types:



Distance:
 Fordow– Amirabad port is 414 km
 Fordow – Busher port is 878 km



Caspian Route
 → Sea transport → Rail transport → Auto transport

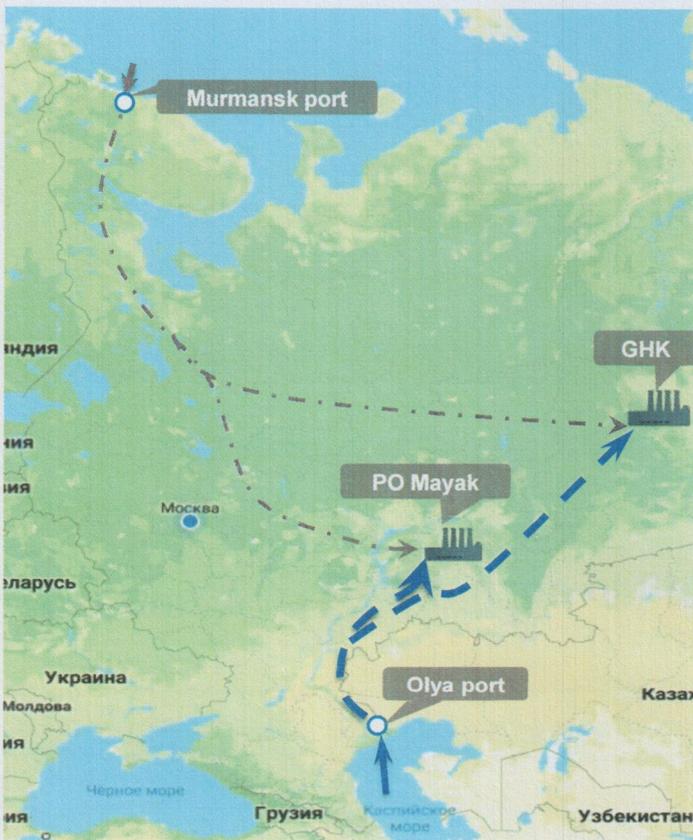
Alternative Routes
 - - - - - →

Comparison of the Caspian and Alternative Routes



— Caspian Route Sea transport
 —▶ Rail transport
 — Auto transport
 - - - - -▶ Alternative Routes

Comparison of Shipment Options within the Territory of the RF

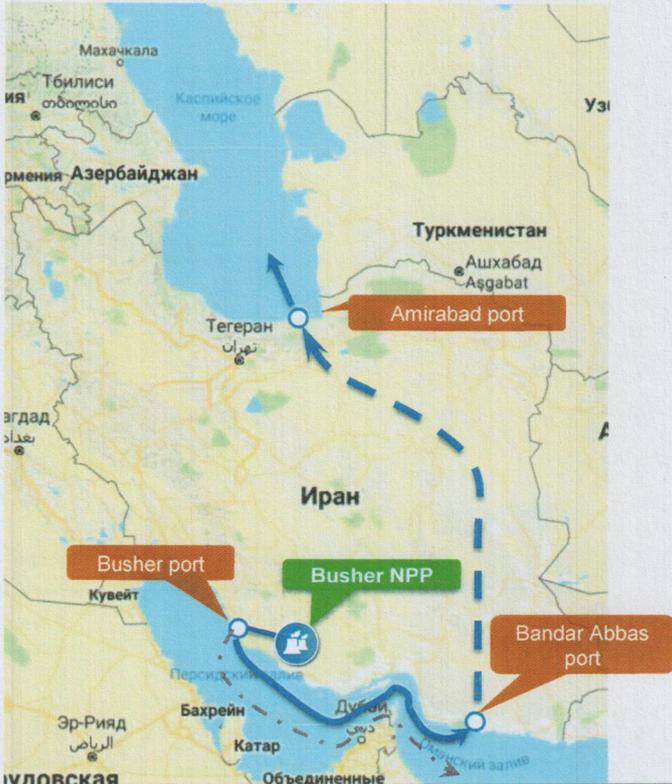


- 7 Dangerous Class
 - Package type TUK 1410
 - Package with SFA Weight is 125 ton
 - Empty Packaging Weight is 111 ton
 - Consignee is - FGUP «PO «Mayak», FGUP «GHK»
-   • Rail transport
-  • Alternative route
- Transportation types:

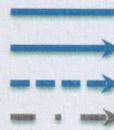


PO Mayak – Murmansk port distance is 3 064 km
 PO Mayak– Olya port distance is 2 597 km
 FGUP GHK– Murmansk port distance is 5 225 km
 FGUP GHK– Olya port distance is 4 949 km

- 7 Dangerous Class
- Package TUK 141 O
- Package with SFA is 125 ton
- Empty Packaging weight is 111 ton



- Consignor is Buser NPP
- Package type TUK 141 O
- Package weight is 125 ton
- Empty Packaging Weight is 111 ton
- PEGUP «PO «Mayak»



- Auto transport
- Sea transport
- Rail transport
- Alternative route

- Transport types:



Buser NPP - Buser port distance is 20 km

Bandar Abbas port - Buser port distance is 780 km

Amirabad port - Bandar Abbas port – Buser NPP distance is 2 570 km

Comparison of the Routes



Caspian Route

From Buser NPP to
PO Mayak
is 6 277 km – 10 days

From Buser NPP to
FGUP GHK
8 629 – 14 days
19 925 km

Alternative Routes

From Buser NPP to
PO Mayak
17 784 km – 24 days

From Buser NPP to
FGUP GHK
19 925 km 28 days

Sea transport
 Caspian Route
 Railway transport
 Auto transport

Alternative Routes



Strategic Advantages of the Caspian Route

