Monthly Export Report

April 2015

Executive Summary

The Kurdistan Regional Government (KRG) exported 16,878,985 barrels of crude oil (an average of 562,633 barrels per day (bpd)) in the month of April through the Kurdistan pipeline network to the port of Ceyhan in Turkey.

Of this amount, fields operated by the KRG contributed 12,457,371 barrels (415,246 bpd on average), while fields operated by the North Oil Company (NOC) contributed 4,421,614 barrels (an average of 147,387 bpd).

At the end of April, KRG storage tank levels in Ceyhan were at 1,182,094 barrels, all of which was designated to the State Oil Marketing Organisation (SOMO), as part of the KRG’s April commitment.

In April, the KRG supplied SOMO in Ceyhan with 16,026,290 barrels (average of 534,210 bpd), including the 1,182,094 barrels mentioned above.

According to the delivery schedule agreed on January 23rd, 2015, between the KRG Minister of Natural Resources and the federal Minister of Oil, the KRG had committed to deliver for export in April an average 468,000 bpd to SOMO. The KRG actually exceeded this target by an average of 66,210 bpd.

Due to circumstances beyond the KRG’s control, there were 22 hours of downtime for the export pipeline during April. Taking such outages into consideration, the KRG delivered an average of 551,047 bpd to SOMO.

The KRG remains on track to meet its oil export commitments under the 2015 federal Budget and is pleased that KRG export volumes, already at record levels, continue to increase.

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Notes

1. For measurement purposes, the definition of a day is 6am on a particular day ending 24 hours later at 6am the next day.
2. Transfers to SOMO are assigned to the date of closing according to the BOTAS certificates, with the exception of transfers that are on-going at 6am on the 1st of any month, in which case the recorded volumes are allocated to that month and the previous month.
3. All volumes in this report are measured in barrels at standard condition (60 degrees Fahrenheit and 1 atm), unless stated otherwise.
## Export Summary

### April 2015

### Storage Summary

<table>
<thead>
<tr>
<th>Description</th>
<th>Volume (bbls)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KRG Beginning Storage Tank at Ceyhan 6am-01/04</td>
<td>1,173,644</td>
</tr>
<tr>
<td>Total Received (KRG &amp; NOC Fields) at Ceyhan by KRG Tanks</td>
<td>16,783,660</td>
</tr>
<tr>
<td>Total Delivered to SOMO at Ceyhan excl. Designated Storage</td>
<td>14,844,196</td>
</tr>
<tr>
<td>KRG Direct Sales at Ceyhan</td>
<td>1,931,014</td>
</tr>
<tr>
<td>Designated to SOMO from KRG Storage Tanks</td>
<td>1,182,094</td>
</tr>
<tr>
<td>KRG End Storage Tank at Ceyhan 6am-01/05</td>
<td>0</td>
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</table>

### Export Summary

<table>
<thead>
<tr>
<th>Description</th>
<th>Volume (bbls)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Exported (KRG &amp; NOC Fields) to Ceyhan</td>
<td>16,878,985</td>
</tr>
<tr>
<td>Average Daily Exported (KRG &amp; NOC Fields) to Ceyhan (bbls/day)</td>
<td>562,633</td>
</tr>
<tr>
<td>Total Exported to Ceyhan from KRG Operated Fields</td>
<td>12,457,371</td>
</tr>
<tr>
<td>Average Daily Exported to Ceyhan from KRG Operated Fields (bbls/day)</td>
<td>415,246</td>
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<tr>
<td>Total Exported to Ceyhan from NOC Operated Fields</td>
<td>4,421,614</td>
</tr>
<tr>
<td>Average Daily Exported to Ceyhan from NOC Operated Fields (bbls/day)</td>
<td>147,387</td>
</tr>
</tbody>
</table>

### Deliveries to SOMO

<table>
<thead>
<tr>
<th>Description</th>
<th>Volume (bbls)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Delivered to SOMO at Ceyhan excl. Designated Storage</td>
<td>14,844,196</td>
</tr>
<tr>
<td>Designated to SOMO from KRG Storage Tanks</td>
<td>1,182,094</td>
</tr>
<tr>
<td>Total Delivered to SOMO at Ceyhan incl. Designated Storage</td>
<td>16,026,290</td>
</tr>
<tr>
<td>Average Daily Delivered to SOMO at Ceyhan (bbls/day)</td>
<td>534,210</td>
</tr>
<tr>
<td>KRG Daily Target for Deliveries to SOMO for April (bbls/day)</td>
<td>468,000</td>
</tr>
<tr>
<td>Surplus Deliveries to SOMO According to Target (bbls/day)</td>
<td>66,210</td>
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</table>

### Daily Averages Considering Downtime

<table>
<thead>
<tr>
<th>Description</th>
<th>Volume (bbls/day)</th>
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</thead>
<tbody>
<tr>
<td>Average Daily Delivered to Ceyhan for Exports</td>
<td>580,366</td>
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<tr>
<td>Average Daily Delivered to Ceyhan for Exports from KRG Operated Fields</td>
<td>428,334</td>
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<tr>
<td>Average Daily Delivered to Ceyhan for Exports from NOC Operated Fields</td>
<td>152,033</td>
</tr>
<tr>
<td>Average Daily Delivered to SOMO at Ceyhan</td>
<td>551,047</td>
</tr>
</tbody>
</table>

*Cumulatively, there were 22 hours of downtime in April due to circumstances beyond the KRG’s control. The figures presented in this table show daily averages considering the actual number of days the pipeline was online, which was 29.08 days.*
### Exports via Ceyhan

April 2015

<table>
<thead>
<tr>
<th>Date</th>
<th>Exported from NOC Operated Fields (bbls)</th>
<th>Exported from KRG Operated Fields (bbls)</th>
<th>Total Exported (bbls)</th>
<th>Total Received at Ceyhan (bbls)</th>
<th>Actual Received by SOMO (bbls)</th>
<th>Cumulative Received by SOMO (bbls)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/04/2015</td>
<td>60,216</td>
<td>351,179</td>
<td>411,395</td>
<td>413,283</td>
<td>348,330</td>
<td>348,330</td>
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<td>02/04/2015</td>
<td>152,775</td>
<td>275,361</td>
<td>428,136</td>
<td>415,733</td>
<td>374,878</td>
<td>723,208</td>
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<td>03/04/2015</td>
<td>153,583</td>
<td>324,927</td>
<td>478,510</td>
<td>489,439</td>
<td>421,532</td>
<td>1,144,740</td>
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<td>04/04/2015</td>
<td>113,898</td>
<td>392,500</td>
<td>506,398</td>
<td>509,541</td>
<td>424,215</td>
<td>1,568,955</td>
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<td>127,291</td>
<td>431,464</td>
<td>558,755</td>
<td>537,293</td>
<td>0</td>
<td>1,568,955</td>
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<td>117,262</td>
<td>440,521</td>
<td>557,783</td>
<td>589,747</td>
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<td>2,219,000</td>
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<td>07/04/2015</td>
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<td>575,796</td>
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<td>3,494,367</td>
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<td>513,241</td>
<td>425,242</td>
<td>3,068,867</td>
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<td>456,543</td>
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<td>588,847</td>
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<td>444,767</td>
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<td>609,599</td>
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<td>429,042</td>
<td>606,025</td>
<td>607,049</td>
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<td>649,573</td>
<td>8,839,750</td>
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<td>600,698</td>
<td>649,060</td>
<td>10,139,170</td>
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<td>570,846</td>
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<td>656,347</td>
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<td>174,075</td>
<td>434,392</td>
<td>608,467</td>
<td>614,999</td>
<td>3,276,366*</td>
<td>16,026,290</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>4,421,614</strong></td>
<td><strong>12,457,371</strong></td>
<td><strong>16,878,985</strong></td>
<td><strong>16,783,660</strong></td>
<td><strong>16,026,290</strong></td>
<td><strong>16,026,290</strong></td>
</tr>
</tbody>
</table>

*Includes 1,182,094 barrels of crude oil that was in storage at Ceyhan at the end of April that was designated to SOMO as part of the KRG’s April commitment (see letter of instruction on page 6).
## Quantity Delivered to SOMO as per Certificates from BOTAS

**April 2015**

<table>
<thead>
<tr>
<th>Date</th>
<th>Quantity Received According to BOTAS* Certificate Allocated to April Commitment (bbls)</th>
<th>Certificate/Letter Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/04/2015</td>
<td>348,330 (TOTAL: 473,943)</td>
<td>48/Batch T5-77/2**</td>
</tr>
<tr>
<td>02/04/2015</td>
<td>374,878</td>
<td>48/Batch T1-78</td>
</tr>
<tr>
<td>03/04/2015</td>
<td>152,764</td>
<td>50/Batch T2-79/2</td>
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<td>03/04/2015</td>
<td>268,768</td>
<td>48/Batch T1-79/2</td>
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<tr>
<td>04/04/2015</td>
<td>424,215</td>
<td>50/Batch T2-80</td>
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<tr>
<td>06/04/2015</td>
<td>499,664</td>
<td>51/Batch T1-81</td>
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<td>06/04/2015</td>
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<td>08/04/2015</td>
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<td>53/Batch T1-84</td>
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<td>48,200</td>
<td>53/Batch T1-85</td>
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<tr>
<td>09/04/2015</td>
<td>377,300</td>
<td>54/Batch T4-85</td>
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<td>10/04/2015</td>
<td>200,463</td>
<td>54/Batch T5-86</td>
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<tr>
<td>11/04/2015</td>
<td>224,776</td>
<td>55/Batch T5-86</td>
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<tr>
<td>11/04/2015</td>
<td>424,583</td>
<td>55/Batch T5-87</td>
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<tr>
<td>13/04/2015</td>
<td>179,605</td>
<td>56/Batch T5-88</td>
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<tr>
<td>13/04/2015</td>
<td>245,154</td>
<td>57/Batch T5-88</td>
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<td>14/04/2015</td>
<td>332,515</td>
<td>57/Batch T4-89</td>
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<td>14/04/2015</td>
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<td>15/04/2015</td>
<td>423,253</td>
<td>58/Batch T1-90</td>
</tr>
<tr>
<td>15/04/2015</td>
<td>50,953</td>
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<tr>
<td>16/04/2015</td>
<td>598,411</td>
<td>59/Batch T5-91</td>
</tr>
<tr>
<td>17/04/2015</td>
<td>396,093</td>
<td>60/Batch T4-92</td>
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<td>17/04/2015</td>
<td>255,605</td>
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<td>61/Batch T1-94</td>
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<td>62/Batch T2-95</td>
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<td>68/Batch T4-104</td>
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<td>28/04/2015</td>
<td>147,402</td>
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<td>29/04/2015</td>
<td>476,037</td>
<td>70/Batch T1-104</td>
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<td>29/04/2015</td>
<td>177,908</td>
<td>74/Batch T5-106</td>
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<td>30/04/2015</td>
<td>623,554</td>
<td>6532-ASRO ANTARES</td>
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<td>30/04/2015</td>
<td>1,002,830</td>
<td>6533-CUMHURIYET</td>
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<tr>
<td>30/05/2015</td>
<td>467,888 (TOTAL: 486,799)</td>
<td>74/Batch 109-2+110-1*</td>
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<tr>
<td>30/05/2015</td>
<td>1,182,094**</td>
<td>012 (01/05/15)</td>
</tr>
<tr>
<td>Total</td>
<td>16,026,290</td>
<td></td>
</tr>
</tbody>
</table>

*BOTAS is a Turkish state owned petroleum pipeline and trading company.

**Total of 473,943 barrels received by SOMO according to certificate, however 125,613 barrels received before 6am on the 1st of April.

*Total of 486,799 barrels received by SOMO according to certificate, however 18,911 barrels received after 6am on 1st May.

**Designated to SOMO as part of April commitment (see letter of instruction on page 6).
URGENT Loading Instructions - SOMO / May 012 Date : 1 May 2015

From: Ministry of Natural Resources – Kurdistan Regional Government
To: Turkish Energy Corporation (TEC) and BOTAS
RE: SOMO Transfers

Dear Sir/Madam

By orders of and for and on behalf of the Ministry of Natural Resources, please advise Terminal the following Lifting Instructions:

As of 1st May 2015, to transfer from the KRG nominated tanks, D Group, an average of 550,000 bbls per day to either:

i) the SOMO nominated tanks, T Group
ii) the SOMO nominated vessel(s), that are properly berthed for loading at the Ceyhan Port.

In addition to this order, as of 6am this morning, the storage available in the MNR nominated D-Tanks was 1,182,094. As these volumes were delivered to Ceyhan in the month of April by the KRG, please transfer this volume of oil to the SOMO nominated tanks or SOMO nominated vessel as part of our April lifting instructions. The updated lifting instructions should be applied to volumes that are delivered to Ceyhan from 1 May 2015.

Please adhere to this daily transfer until we advise otherwise.

Best regards,

Saad Sadollah
Senior Commercial Advisor
Ministry of Natural Resources
Kurdistan Regional Government
Annex A:
BOTAS Certificates
**SPECIAL NOTE:**

125,613 barrels transferred as part of March commitment (before 6am)

348,330 barrels transferred as part of April commitment (after 6am)
**RECEIVING CERTIFICATE**

(TANK FARM)

Rec.No:48/BATCH 78/2-79/1

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu. Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
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</thead>
<tbody>
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<td>T1</td>
<td>OP</td>
<td>2133</td>
<td>16.383,405</td>
<td>63.5</td>
<td>0.8522</td>
<td>0.9984</td>
<td>16.357,192</td>
<td>102.883,63</td>
<td>0.133050</td>
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<tr>
<td></td>
<td>CL</td>
<td>9639</td>
<td>76.064,592</td>
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<td>0.9986</td>
<td>75.958,102</td>
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<td>0.133050</td>
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\[
\begin{align*}
59.681,187 & \quad \text{M}^3 \text{ Natural} \\
59.600,910 & \quad \text{M}^3 \text{ at 60}^\circ \text{F} \\
374,878 & \quad \text{Bbls at 60}^\circ \text{F} \\
49.877,57 & \quad \text{Long Tons} \\
50.678,105 & \quad \text{Metric Tons}
\end{align*}
\]

Sp.Gr at 60/60 °F: 0.8522
API Gravity : 34.54

Prepared by : I.BAŞTOSUN

Checked by Iraq Ofis: 

Checked by:

BOT-FRM-OOB-GEN-003-005

Rev.No:2

24.03.2005
**BOTAS**
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL İLETİMİ MÜDÜRLÜĞÜ
RECEIVING CERTIFICATE
(TANK FARM)

Rec.No: 50/BATCH 79/2-80/1(2. PARTİ)

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T2</td>
<td>OP</td>
<td>2267</td>
<td>17.014,455</td>
<td>63,5</td>
<td>0,8549</td>
<td>16.987,232</td>
<td>106.846,46</td>
<td>0,133465</td>
<td>14.260,26</td>
</tr>
<tr>
<td></td>
<td>CL</td>
<td>5328</td>
<td>41.340,895</td>
<td>63,5</td>
<td>0,8549</td>
<td>41.274,750</td>
<td>259.610,34</td>
<td>0,133465</td>
<td>34.648,89</td>
</tr>
</tbody>
</table>

\[
\frac{24.326,440}{\text{M}^3 \text{ Natural}} \quad \frac{24.287,518}{\text{M}^3 \text{ at 60}^\circ \text{F}} \quad \frac{152.764}{\text{Bbls at 60}^\circ \text{F}} \quad \frac{20.388,63}{\text{Long Tons}} \quad \frac{20.715,868}{\text{Metric Tons}}
\]

Sp.Gr. at 60/60 °F: 0,8549
API Gravity: 34,02

Prepared by: C.HAN
Checked by Iraq Ofis: D601
**BOTAS**  
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ  
PETROL İLETİMİ MÜDÜRLÜĞÜ  
RECEIVING CERTIFICATE  
(TANK FARM)

Rec.No: 48/BATCH 79/2-80/1 (PART I)

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>OP</td>
<td>9639</td>
<td>76.064,592</td>
<td>63.0</td>
<td>0.8522</td>
<td>0.9986</td>
<td>75.958,102</td>
<td>477.762,03</td>
<td>0.133050</td>
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<tr>
<td></td>
<td>CL</td>
<td>15015</td>
<td>118.879,002</td>
<td>63.0</td>
<td>0.8555</td>
<td>0.9984</td>
<td>118.688,796</td>
<td>746.529,98</td>
<td>0.133560</td>
</tr>
</tbody>
</table>

\[ \frac{42.814,410}{M^3 \text{ Natural}} = \frac{42.730,694}{M^3 \text{ at 60°F}} = \frac{268.768}{\text{Bbls at 60°F}} = \frac{36.140.30}{\text{Long Tons}} = \frac{36.720,352}{\text{Metric Tons}} \]

Sp.Gr. at 60/60 °F: 0.8555  
API Gravity : 33.90

Prepared by : C.HAN  
Checked by Iraq Ofis:  
Checked by : 

D601

Date Op: 03.04.2015-04:20  
Date CL: 03.04.2015-14:40

BOT-FRM-OOB-GEN-003-005  
Rev.No: 2  
24.03.2005
# BOTAS
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL İLETİMİ MÜDÜRLÜĞÜ
RECEIVING CERTIFICATE
(TANK FARM)

Rec.No: 50/BATCH 80/2-81-1
Date Op: 04.04.2015-12:40
Date CL: 05.04.2015-03:45

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T2</td>
<td>OP</td>
<td>5328</td>
<td>63,5</td>
<td>0,8549</td>
<td>0,9984</td>
<td>41.274,750</td>
<td>259.610,34</td>
<td>0,133465</td>
<td>34.648,89</td>
</tr>
<tr>
<td></td>
<td>CL</td>
<td>13822</td>
<td>63,5</td>
<td>0,8549</td>
<td>0,9984</td>
<td>108.719,556</td>
<td>683.825,35</td>
<td>0,133465</td>
<td>91.266,75</td>
</tr>
</tbody>
</table>

67.552,891
M³ Natural

67.444,806
M³ at 60°F

424.215
Bbls at 60°F

56.617,86
Long Tons

57.526,577
Metric Tons

Sp.Gr at 60/60 °F: 0,8549
API Gravity: 34,02

Prepared by: A. YILDIZ
Checked by: Iraq Office
Checked by:

BOT-FRM-OOB-GEN-003-005
Rev.No: 2
24.03.2005
<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu. Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. at 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>OP</td>
<td>3313</td>
<td>25.761,253</td>
<td>63.3</td>
<td>0.8555</td>
<td>25.725,187</td>
<td>161.806,54</td>
<td>0.133560</td>
<td>21.610,88</td>
</tr>
<tr>
<td></td>
<td>CL</td>
<td>13322</td>
<td>105.386,750</td>
<td>64.5</td>
<td>0.8539</td>
<td>105.165,438</td>
<td>661.470,62</td>
<td>0.133314</td>
<td>88.183,29</td>
</tr>
</tbody>
</table>

\[
\text{79.625,497} \\
\text{M}^3 \text{ Natural}
\]

\[
\text{79.440,251} \\
\text{M}^3 \text{ at 60°F}
\]

\[
\text{499.664} \\
\text{Bbls at 60°F}
\]

\[
\text{66.572,41} \\
\text{Long Tons}
\]

\[
\text{67.640,897} \\
\text{Metric Tons}
\]

Sp.Gr. at 60/60 °F: 0.8539
API Gravity: 34.21

Prepared by: A. Gillik
Checked by Iraq Ofis: 
Checked by: 

D601

Date Op: 05.04.2015-17:05
Date CL: 06.05.2015-11:40

Rev No: 2
24.03.2005
**BOTAS**
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL İLETİMİ MÜDÜRLÜĞÜ
RECEIVING CERTIFICATE
(TANK FARM)

Rec.No: 52/BATCH (82/2Part.2)

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. at 60 °F</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T4</td>
<td>OP</td>
<td>2431</td>
<td>18.408,313</td>
<td>61.5</td>
<td>0.8545</td>
<td>0.9993</td>
<td>18.395,427</td>
<td>115.703,74</td>
<td>0.133341</td>
</tr>
<tr>
<td></td>
<td>CL</td>
<td>5450</td>
<td>42.414,357</td>
<td>65.5</td>
<td>0.8545</td>
<td>0.9974</td>
<td>42.304,080</td>
<td>266.084,63</td>
<td>0.133405</td>
</tr>
</tbody>
</table>

\[ \text{24.006,044 M}^3 \text{Natural} \]
\[ \text{23.908,653 M}^3 \text{at 60°F} \]
\[ \text{150.381 Bbls at 60°F} \]
\[ \text{20.069,03 Long Tons} \]
\[ \text{20.391,138 Metric Tons} \]

Date Op: 06.04.2015-12:50
Date CL: 06.05.2015-18:17

Sp.Gr. at 60/60 °F: 0.8545
API Gravity: 34.09

Prepared by: Y. KUL
Checked by Iraq Ofis:
Checked by:

\[ D602 \rightarrow T4 \]

BOT-FRM-OOB-GEN-003-005
Rev.No: 2

24.03.2005
### RECEIVING CERTIFICATE

**Tank No:** 52/BATCH (83)

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduction (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T4</td>
<td>OP</td>
<td>5450</td>
<td>42.414,357</td>
<td>65.5</td>
<td>0.8545</td>
<td>0.9974</td>
<td>42.304,080</td>
<td>0.133405</td>
<td>35.497,02</td>
</tr>
<tr>
<td></td>
<td>CL</td>
<td>13950</td>
<td>110.078,332</td>
<td>65.0</td>
<td>0.8522</td>
<td>0.9976</td>
<td>109.814,144</td>
<td>0.133050</td>
<td>91.898,98</td>
</tr>
</tbody>
</table>

\[
\begin{align*}
67.663,975 & \text{ M}^3 \text{ Natural} \\
67.510,064 & \text{ M}^3 \text{ at 60°F} \\
424.625 & \text{ Bbls at 60°F} \\
56.401,96 & \text{ Long Tons} \\
57.307,211 & \text{ Metric Tons}
\end{align*}
\]

Sp.Gr. at 60/60 °F: 0.8522
API Gravity: 34.54

Prepared by: HAMZA ÇETİN

Checked by Iraq Ofis:
Checked by:

**Date Op:** 07.04.2015-05:30
**Date CL:** 07.04.2015-21:28
## RECEIVING CERTIFICATE

**BOTAS**
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL ILETİMİ MÜDÜRLÜĞÜ

**RECEIVING CERTIFICATE**
(TANK FARM)

**Rec.No:** 53/BATCH /84

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduction (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>OP</td>
<td>4694</td>
<td>64,5</td>
<td>0,8539</td>
<td>0,9979</td>
<td>36.659,424</td>
<td>230.580,81</td>
<td>0,133314</td>
<td>30.739,65</td>
</tr>
<tr>
<td></td>
<td>CL</td>
<td>13213</td>
<td>65,0</td>
<td>0,8525</td>
<td>0,9976</td>
<td>104.267,499</td>
<td>655.822,76</td>
<td>0,133095</td>
<td>87.286,73</td>
</tr>
</tbody>
</table>

\[
\frac{67.781,772}{M^3 \text{ Natural}} = \frac{67.608,075}{M^3 \text{ at } 60°F} = \frac{425.242}{\text{Bbls at } 60°F} = \frac{56.547,08}{\text{Long Tons}} = \frac{57.454,661}{\text{Metric Tons}}
\]

Sp.Gr. at 60/60 °F: 0,8525
API Gravity: 34,48

Prepared by: A. YILDIZ
Checked by Iraq Ofis: 
Checked by: 

**Date Op:** 08.04.2015-09:00
**Date CL:** 09.04.2015-01:00

**BOT-FRM-OOB-GEN-003-005**

Rev.No:2 24.03.2005
<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters at 60 °F</th>
<th>Barrels at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>OP</td>
<td>13213</td>
<td>104.518,343</td>
<td>65.0</td>
<td>0.8525</td>
<td>104.267,499</td>
<td>655.822,76</td>
<td>0.133095</td>
<td>87.286,73</td>
</tr>
<tr>
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<td>0.8527</td>
<td>111.930,686</td>
<td>704.022,75</td>
<td>0.133125</td>
<td>93.723,03</td>
</tr>
</tbody>
</table>

\[
\text{Sp.Gr. at 60/60 °F: 0.8527} \\
\text{API Gravity: 34.44}
\]

\[
\begin{align*}
\text{M}^3 \text{ Natural} & = 7.704,121 \\
\text{M}^3 \text{ at 60\textdegree F} & = 7.663,187 \\
\text{Bbls at 60\textdegree F} & = 48.200 \\
\text{Long Tons} & = 6.436,30 \\
\text{Metric Tons} & = 6.539,603
\end{align*}
\]

Prepared by: Y. KUL

Checked by Iraq Ofis: 

Checked by:
<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T4</td>
<td>OP</td>
<td>2439</td>
<td>65.0</td>
<td>0.8522</td>
<td>0.9976</td>
<td>18.427,552</td>
<td>115.905,80</td>
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</tr>
<tr>
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<td>0.9976</td>
<td>78.413,498</td>
<td>493.206,00</td>
<td>0.133050</td>
<td>65.621,06</td>
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</table>

<table>
<thead>
<tr>
<th></th>
<th>60.130,258</th>
<th>59.985,946</th>
<th>377.300</th>
<th>50.199,79</th>
</tr>
</thead>
<tbody>
<tr>
<td>M³ Natural</td>
<td>M³ at 60°F</td>
<td>Bbls at 60°F</td>
<td>Long Tons</td>
<td>Metric Tons</td>
</tr>
</tbody>
</table>

Sp.Gr. at 60/60 °F: 0.8522
API Gravity: 34.54

Prepared by: N ÖKSÜZ
Checked by Iraq Ofis: Checked by:

BOT-FRM-0OB-GEN-003-005
Rev.No:2 24.03.2005
**BOTAŞ**
**PETROL İŞLETMELERİ MÜDÜRLÜĞÜ**
**PETROL İLETİMİ MÜDÜRLÜĞÜ**
**RECEIVING CERTIFICATE**
**(TANK FARM)**

Rec.No: 54/BATCH 86-1

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduction (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T4</td>
<td>OP</td>
<td>9998</td>
<td>78.602,143</td>
<td>65.0</td>
<td>0.8522</td>
<td>78.413,498</td>
<td>493.206,00</td>
<td>0.133050</td>
<td>65.621,06</td>
</tr>
<tr>
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<td>CL</td>
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<td>110.516,583</td>
<td>64.5</td>
<td>0.8542</td>
<td>110.284,498</td>
<td>693.668,54</td>
<td>0.133360</td>
<td>92.507,64</td>
</tr>
</tbody>
</table>

- **Total Oil Volume (M³ Natural):** 31,914,440
- **Total Oil Volume (M³ at 60°F):** 31,871,000
- **Total Barrels Received:** 200,463

**Sp.Gr. at 60/60 °F:** 0.8542

**API Gravity:** 35.15

Prepared by: A. KAHRAMAN
Checked by Iraq Ofis: 
Checked by:

D602 → T4

Date Op: 10.04.2015-11:40
Date CL: 10.04.2015-19:30

**Metric Tons:** 27,318,110

**Long Tons:** 26,886,58
## RECEIVING CERTIFICATE

(TANK FARM)

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduction (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T5</td>
<td>OP</td>
<td>2207</td>
<td>64.0</td>
<td>0.8512</td>
<td>0.9981</td>
<td>16.855,419</td>
<td>106.017,38</td>
<td>0.132892</td>
<td>14.088,86</td>
</tr>
<tr>
<td></td>
<td>CL</td>
<td>6710</td>
<td>64.0</td>
<td>0.8512</td>
<td>0.9981</td>
<td>52.591,945</td>
<td>330.793,34</td>
<td>0.132892</td>
<td>43.959,79</td>
</tr>
</tbody>
</table>

\[
\frac{35.804,555}{M^3 \text{ Natural}} \quad \frac{35.736,526}{M^3 \text{ at 60°F}} \quad \frac{224.776}{\text{Bbls at 60°F}} \quad \frac{29.870,93}{\text{Long Tons}} \quad \frac{30.350,358}{\text{Metric Tons}}
\]

Sp.Gr. at 60/60 °F: 0.8512
API Gravity: 34.74

Prepared by: M. YILDIZ
Checked by Iraq Ofis: Checked by:
### RECEIVING CERTIFICATE
(TANK FARM)

**Rec.No:** 55/BATCH 87

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu. Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T5</td>
<td>OP</td>
<td>6710</td>
<td>52,692,060</td>
<td>64.0</td>
<td>0.8512</td>
<td>0.9981</td>
<td>52,591,945</td>
<td>330,793.34</td>
<td>0.132892</td>
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<tr>
<td></td>
<td>CL</td>
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<td>120,347,974</td>
<td>64.5</td>
<td>0.8519</td>
<td>0.9979</td>
<td>120,095,243</td>
<td>755,376.26</td>
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</tbody>
</table>

\[ \frac{67,655,914}{M^3 \text{ Natural}} \]
\[ \frac{67,503,298}{M^3 \text{ at 60} ^\circ \text{F}} \]
\[ \frac{424,583}{\text{Bbls at 60} ^\circ \text{F}} \]
\[ \frac{56,508.27}{\text{Long Tons}} \]

\[ \frac{57,415,228}{\text{Metric Tons}} \]

Sp.Gr. at 60/60 °F: 0.8519
API Gravity: 34.60

Prepared by: M. YILDIZ
Checked by Iraq Ofis:
Checked by:

**Date Op:** 11.04.2015-12:55
**Date CL:** 12.04.2015-05:34

**BOT-FRM-OOB-GEN-003-005**
Rev.No:2
24.03.2005
**RECEIVING CERTIFICATE**

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
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</thead>
<tbody>
<tr>
<td>T5</td>
<td>OP</td>
<td>10390</td>
<td>81.972,690</td>
<td>64,5</td>
<td>0,8519</td>
<td>81.800,547</td>
<td>514.509,90</td>
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<td>68.431,87</td>
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<td>13987</td>
<td>110.621,018</td>
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<td>110.355,528</td>
<td>694.115,30</td>
<td>0,133080</td>
<td>92.372,86</td>
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</table>

\[
\frac{28.648,328}{M^3 \text{ Natural}} \quad \frac{28.554,981}{M^3 \text{ at 60°F}} \quad \frac{179.605}{\text{Bbls at 60°F}} \quad \frac{23.940,99}{\text{Long Tons}} \quad \frac{24.325,243}{\text{Metric Tons}}
\]

Sp.Gr at 60/60 °F: 0,8524
API Gravity : 34,50

Prepared by : M. YILDIZ
Checked by Iraq Ofis: [Signature]
Checked by : [Signature]

D605 → T5
<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
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<th>Sp.Gr. at 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
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<tbody>
<tr>
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<td>OP</td>
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<td>18.940,973</td>
<td>65,0</td>
<td>0,8542</td>
<td>0,9977</td>
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<tr>
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<td>58.007,200</td>
<td>65,0</td>
<td>0,8542</td>
<td>0,9977</td>
<td>57.873,783</td>
<td>364.015,10</td>
<td>0,133360</td>
</tr>
</tbody>
</table>

\[ \frac{39.066,227}{\text{M}^3 \text{ Natural}} \] \[ \frac{38.976,374}{\text{M}^3 \text{ at 60}^\circ\text{F}} \] \[ \frac{245.154}{\text{Bbils at 60}^\circ\text{F}} \] \[ \frac{32.693,73}{\text{Long Tons}} \] \[ \frac{33.218,464}{\text{Metric Tons}} \]

Sp.Gr. at 60/60 °F: 0.8542  
API Gravity : 34.15  

Prepared by: C. HAN  
Checked by Iraq Ofis:  
Checked by:  

D605 → T4
**BOTAS**
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL İLETİMY MUDÜRLÜĞÜ
RECEIVING CERTIFICATE
(TANK FARM)

**Rec.No:** 57/BATCH 89-1

<table>
<thead>
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<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
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<tbody>
<tr>
<td>T4</td>
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<td>0.8542</td>
<td>0.9977</td>
<td>57.873,783</td>
<td>364.015,10</td>
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<td>48.545.05</td>
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<tr>
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<td>0.9977</td>
<td>110.739,386</td>
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<td>92.801.44</td>
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\[
\frac{52.987,474}{\text{M}^3 \text{ Natural}} = \frac{52.865,603}{\text{M}^3 \text{ at 60} \, ^{\circ} \text{F}} = \frac{332.515}{\text{Bbls at 60} \, ^{\circ} \text{F}} = 44.256,39 \, \text{Long Tons}
\]

Sp.Gr. at 60/60 °F: 0.8534
API Gravity: 34.31

Prepared by: HAMZA ÇETIN
Checked by Iraq Ofis: 
Checked by:

\[\text{O}_6 \text{o}_1 \rightarrow T_4\]

**BOT-FRM-OOB-GEN-003-005**

Rev.No:2 24.03.2005
**BOTAS**
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL İLETİMİ MÜDÜRLÜĞÜ
RECEIVING CERTIFICATE
(TANK FARM)

Rec.No: 58/BATCH 89-2

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<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
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<tbody>
<tr>
<td>T1</td>
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<td>20.651,094</td>
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<tr>
<td></td>
<td>CL</td>
<td>4500</td>
<td>35.194,782</td>
<td>65,5</td>
<td>0.8527</td>
<td>0.9974</td>
<td>35.103,276</td>
<td>220.792,94</td>
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</tbody>
</table>

\[
\text{Sp.Gr. at 60/60}^\circ\text{F:} \\
\text{API Gravity:}
\]

\[
\text{M}^3\text{ Natural:} \\
\text{M}^3\text{ at 60}^\circ\text{F:} \\
\text{Bbls at 60}^\circ\text{F:} \\
\text{Metric Tons:}
\]

Prepared by: M.YILDIZ

Checked by Iraq Ofis: 

Checked by:

\[D601 \rightarrow T1\]

BOT-FRM-OOB-GEN-003-005
Rev.No: 2

24.03.2005
**BOTAS**
PETROL İŞLETMELERİ MUDÜRLÜĞÜ
PETROL İLETİMİ MUDÜRLÜĞÜ
RECEIVING CERTIFICATE
(TANK FARM)

Rec.No:58/BATCH 90

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<th>Equivalent Cu.Meters</th>
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<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>OP</td>
<td>4500</td>
<td>35.194,782</td>
<td>65.5</td>
<td>0.8527</td>
<td>35.103,276</td>
<td>220.792,94</td>
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<td>CL</td>
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<td>0.8527</td>
<td>102.395,103</td>
<td>644.045,74</td>
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<td>85.738,59</td>
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</tbody>
</table>

\[
\frac{67.467,242}{M^3\text{ Natural}} = 67.291,827 \quad \frac{423.253}{Bbls\text{ at 60°F}} = 56.345,53 \quad \frac{57.249,876}{\text{Metric Tons}}
\]

Sp.Gr. at 60/60 °F: 0.8527
API Gravity: 33.44

Prepared by: Checked by Iraq Ofis: Checked by:

BOT-FRM-OOB-GEN-003-005 Rev.No:2 24.03.2005
**BOTAS**
PETROL İŞLETMELERİ MUDÜRLÜĞÜ
PETROL İLETİMİ MUDÜRLÜĞÜ
RECEIVING CERTIFICATE
(TANK FARM)

Rec.No: 58/BATCH 91+92-1

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
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</thead>
<tbody>
<tr>
<td>T1</td>
<td>OP</td>
<td>12980</td>
<td>102.662,024</td>
<td>65.5</td>
<td>0,8527</td>
<td>0,9974</td>
<td>102.395,103</td>
<td>644.045,74</td>
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<tr>
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<td>0,8519</td>
<td>0,9965</td>
<td>110.495,908</td>
<td>694.998,27</td>
<td>0,133004</td>
</tr>
</tbody>
</table>

8.221,978 \[M^3\] Natural

8.100,805 \[M^3\] at 60°F

50.953 \[Bbls\] at 60°F

6.698.96 \[Long Tons\]

6.806,478 \[Metric Tons\]

Sp.Gr.at 60/60 °F: 0.8519

API Gravity: 34,60

Prepared by: A.YILDIZ

Checked by Iraq Ofis: 

Checked by: 

Date Op: 15.04.2015-13:30

Date CL: 15.04.2015-15:30

BOT-FRM-OOB-GEN-003-005

Rev.No: 2

24.03.2005
**Receiving Certificate**  
(Tank Farm)

**Rec.No:** 59/BATCH 91-2+92-1

<table>
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<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
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</thead>
<tbody>
<tr>
<td>T5</td>
<td>OP</td>
<td>2488</td>
<td>19.120,984</td>
<td>64,5</td>
<td>0,8524</td>
<td>19.080,830</td>
<td>120.014,80</td>
<td>0,133080</td>
<td>15.971,57</td>
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<td>718.426,10</td>
<td>0,132860</td>
<td>95.450,09</td>
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</tbody>
</table>

\[ \frac{95.420,368}{\text{M}^3 \text{ Natural}} \]

\[ \frac{95.139,806}{\text{M}^3 \text{ at 60\degree F}} \]

\[ \frac{598.411}{\text{Bbls at 60\degree F}} \]

\[ \frac{79.478,52}{\text{Long Tons}} \]

\[ \frac{80.754,150}{\text{Metric Tons}} \]

Sp.Gr. at 60/60 °F: 0,8510

API Gravity: 34,77

Prepared by: A. YILDIZ

Checked by Iraq Ofis: 

Checked by: 

**Date Op:** 15.04.2015-15:30

**Date CL:** 16.04.2015-14:25
<table>
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<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduction (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T4</td>
<td>OP</td>
<td>2584</td>
<td>65.0</td>
<td>0.8534</td>
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<td>0.9972</td>
<td>82.553,301</td>
<td>519.244,58</td>
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</tbody>
</table>

\[
\frac{63.160,348}{\text{M}^3 \text{ Natural}} \quad \frac{62.973,687}{\text{M}^3 \text{ at } 60^\circ \text{F}} \quad \frac{396.093}{\text{Bbls at } 60^\circ \text{F}} \quad \frac{52.861,78}{\text{Long Tons}} \quad \frac{53.710,212}{\text{Metric Tons}}
\]

Sp.Gr at 60/60 °F: 0.854
API Gravity: 34.09

Prepared by: C.HAN
Checked by Iraq Ofis: 
Checked by:

Date Op: 16.04.2015-15:25
Date CL: 17.04.2015-07:15
### RECEIVING CERTIFICATE

**PETROL İŞLETMELERİ MÜDÜRLÜĞÜ**
**PETROL İLETİMİ MÜDÜRLÜĞÜ**

**RECEIVING CERTIFICATE**
(TANK FARM)

**Rec.No:** 61/BATCH 93-2+94-1

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
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<td>0.9974</td>
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</table>

**Sp.Gr. at 60/60 °F:** 0.8519  
**API Gravity:** 34.60

**Total:** 40.743.961 M³ Natural  
40.638.027 M³ at 60°F  
255.605 Bbls at 60°F

**Date Op:** 17.04.2015-07:15  
**Date CL:** 17.04.2015-18:10

Prepared by: HAMZA ÇETİN  
Checked by Iraq Ofis:  
Checked by:

**BOT-FRM-OOB-GEN-003-005**  
Rev.No:2  
24.03.2005
BOTAŞ
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL İLETİMİ MÜDÜRLÜĞÜ
RECEIVING CERTIFICATE
(TANK FARM)

Rec.No: 61/BATCH 94-2

<table>
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<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24 A)</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
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</thead>
<tbody>
<tr>
<td>T1</td>
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</table>

\[
\frac{63.812,135}{\text{M}^3 \text{ Natural}} = 63.541,391 \quad 399.663 \\
\text{M}^3 \text{ at } 60^\circ \text{F} \quad \text{Bbls at } 60^\circ \text{F} \quad \frac{53.456,82}{\text{Long Tons}} \quad \frac{54.314,802}{\text{Metric Tons}}
\]

Sp.Gr. at 60/60 °F: 0.8544
API Gravity : 34.11

Prepared by : Y. KUL

Checked by Iraq Ofis:

Checked by :

BOT-FRM-OOB-GEN-003-005

Rev.No: 2

24.03.2005
### RECEIVING CERTIFICATE

**Tank Farm**

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduction (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T2</td>
<td>OP</td>
<td>2338</td>
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**Sp.Gr. at 60/60 °F:**

**API Gravity:**

<table>
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<tr>
<th></th>
<th>M³ Natural</th>
<th>M³ at 60°F</th>
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<th>Long Tons</th>
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<tbody>
<tr>
<td></td>
<td>35.781,072</td>
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<td>29.792,13</td>
<td>30.270,294</td>
</tr>
</tbody>
</table>

Prepared by: Checked by Iraq Ofis: Checked by:

**Botas**

PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL İLETİMİ MÜDÜRLÜĞÜ

**Receiving Certificate**

Rec.No: 62/BATCH 95-1

**Date Op:** 18.04.2015-09:20  **Date CL:** 18.04.2015-17:15

**Rev.No:** 2  **24.03.2006**
**BOTAS**
**PETROL İŞLETMELERİ MÜDÜRLÜĞÜ**
**PETROL İLETİMİ MÜDÜRLÜĞÜ**
**RECEIVING CERTIFICATE**
**(TANK FARM)**

Rec.No: 62/BATCH 95-2+96
Date Op: 19.04.2015-14:30
Date CL: 20.04.2015-06.00

<table>
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<th>Equivalent Cu.Meters</th>
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<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
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<tbody>
<tr>
<td>T2</td>
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<td>6840</td>
<td>53.359,754</td>
<td>64.5</td>
<td>0.8497</td>
<td>53.247,699</td>
<td>334.917,91</td>
<td>0.132655</td>
<td>44.428,54</td>
</tr>
<tr>
<td></td>
<td>CL</td>
<td>15845</td>
<td>125.001,459</td>
<td>65.5</td>
<td>0.8553</td>
<td>124.676,455</td>
<td>784.191,21</td>
<td>0.133528</td>
<td>104.711,48</td>
</tr>
</tbody>
</table>

\[
\frac{71.641.705}{\text{M}^3 \text{ Natural}} \quad \frac{71.428.756}{\text{M}^3 \text{ at 60}°\text{F}} \quad \frac{449.273}{\text{Bbils at 60}°\text{F}} \quad \frac{60.282.94}{\text{Long Tons}} \quad \frac{61.250.481}{\text{Metric Tons}}
\]

Sp.Gr. at 60/60 °F: 0.8553
API Gravity: 33.94

Prepared by: C.HAN
Checked by Iraq Ofis: 
Checked by:

D602 → T2
### RECEIVING CERTIFICATE

**BOTAS**
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL İLETİMİ MÜDÜRLÜĞÜ

(TANK FARM)

**Rec.No:** 63/BATCH 96-2

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp 60/60 °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>OP</td>
<td>10445</td>
<td>82.479,318</td>
<td>66,5</td>
<td>0,8544</td>
<td>0,9970</td>
<td>82.231,880</td>
<td>517.222,90</td>
<td>0,133390</td>
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<tr>
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<td>CL</td>
<td>14447</td>
<td>114.349,522</td>
<td>67,0</td>
<td>0,8548</td>
<td>0,9967</td>
<td>113.972,169</td>
<td>716.863,29</td>
<td>0,133450</td>
</tr>
</tbody>
</table>

\[ \frac{31.870,204}{\text{M}^3 \text{ Natural}} \]

\[ \frac{31.740,289}{\text{M}^3 \text{ at 60°F}} \]

\[ \frac{199.640}{\text{Bbls at 60°F}} \]

\[ \frac{26.673,05}{\text{Long Tons}} \]

\[ \frac{27.101,152}{\text{Metric Tons}} \]

---

Sp.Gr. at 60/60 °F: 0,8548
API Gravity: 34,04

Prepared by: CHAN
Checked by Iraq Ofis:  
Checked by:  

---

BOT-FRM-OOB-GEN-003-005
Rev.No:2
24.03.2005
**BOTAŞ**  
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ  
PETROL İLETİMİ MÜDÜRLÜĞÜ  
RECEIVING CERTIFICATE  
(TANK FARM)

Rec.No:64  BATCH 97-2+98-1  

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<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24 A)</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T4</td>
<td>OP</td>
<td>2805</td>
<td>21.381,829</td>
<td>66.5</td>
<td>0.8545</td>
<td>0.9970</td>
<td>21.317,684</td>
<td>134.084,18</td>
<td>0.133405</td>
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<td>CL</td>
<td>15822</td>
<td>125.003,984</td>
<td>67.0</td>
<td>0.8526</td>
<td>0.9967</td>
<td>124.591,471</td>
<td>783.656,68</td>
<td>0.133114</td>
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</tbody>
</table>

**103.622,155**  
M³ Natural

**103.273,787**  
M³ at 60°F

**649.573**  
Bbls at 60°F

**86.428,18**  
Long Tons

**87.815,352**  
Metric Tons

Sp.Gr.at 60/60 °F:  
API Gravity:

Prepared by: N ÖKSÜZ  
Checked by Iraq Ofis: Checked by:

Date Op: 20.04.2015-15:30  
Date CL: 21.04.2015-19:50

BOT-FRM-OOB-GEN-003-005  
Rev.No:2  
24.03.2005
BOTAŞ
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL İLETİMİ MÜDÜRLÜĞÜ
RECEIVING CERTIFICATE
(TANK FARM)

Rec.No: 65  BATCH 98-2+99+100.1
Date Op: 21.04.2015-20:20
Date CL: 22.04.2015-19:55

<table>
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<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T5</td>
<td>OP</td>
<td>2095</td>
<td>15.997,410</td>
<td>66.5</td>
<td>0.8510</td>
<td>0.9969</td>
<td>15.947,818</td>
<td>100.308,75</td>
<td>0.133080</td>
</tr>
<tr>
<td></td>
<td>CL</td>
<td>15131</td>
<td>119.741,945</td>
<td>67.0</td>
<td>0.8548</td>
<td>0.9967</td>
<td>119.346,797</td>
<td>750.668,68</td>
<td>0.133450</td>
</tr>
</tbody>
</table>

\[ \frac{103.744,535}{M^3 \text{ Natural}} \quad \frac{103.398,979}{M^3 \text{ at 60°F}} \quad \frac{650.360}{\text{Bbls at 60°F}} \quad \frac{86.827,65}{\text{Long Tons}} \quad \frac{88.221,234}{\text{Metric Tons}} \]

Sp.Gr.at 60/60 °F: 0.8548
API Gravity: 34.04

Prepared by: N ÖKSÜZ
Checked by Iraq Ofis: 
Checked by: 

BOT-FRM-OOB-GEN-003-005
Rev.No:2 24.03.2005
## REceiving Certificate

**Tank No:** T1  
**Date Op:** 23.04.2015-01:05  
**Date CL:** 24.04.2015-06:10

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<tr>
<th>Tank No</th>
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<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>OP</td>
<td>2428</td>
<td>18.727,828</td>
<td>67.5</td>
<td>0.8548</td>
<td>0.9965</td>
<td>18.662,281</td>
<td>117.382,20</td>
<td>0.133450</td>
<td>15.664,65</td>
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<tr>
<td>CL</td>
<td>15431</td>
<td>122.196,810</td>
<td>66.0</td>
<td>0.8532</td>
<td>0.9972</td>
<td>121.854,659</td>
<td>766.442,65</td>
<td>0.133202</td>
<td>102.091,69</td>
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</tbody>
</table>

\[
\text{Sp.Gr.at 60/60 °F: 0.8532}
\]

\[
\text{API Gravity: 34.35}
\]

\[
\begin{align*}
\text{M}^3 \text{ Natural} & = 103.468,982 \\
\text{M}^3 \text{ at 60°F} & = 103.192,378 \\
\text{Bbils at 60° F} & = 649.060 \\
\text{Long Tons} & = 86.427,04 \\
\text{Metric Tons} & = 87,814,194
\end{align*}
\]

Prepared by: I. Baştosun  
Checked by Iraq Ofis:  
Checked by:

---

**Bot-Frm-Oob-Gen-003-005**  
Rev.No: 2  
24.03.2005
### BOTAS
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL İLETİMİ MÜDÜRLÜĞÜ
RECEIVING CERTIFICATE
(TANK FARM)

Rec.No:67/BATCH 101-2+102+103-1

<table>
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<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
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<tbody>
<tr>
<td>T2</td>
<td>OP</td>
<td>2146</td>
<td>66,0</td>
<td>0,8553</td>
<td>0,9972</td>
<td>16.007,943</td>
<td>100.686,92</td>
<td>0,133528</td>
<td>13.444,52</td>
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<tr>
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<td>15180</td>
<td>67,0</td>
<td>0,8519</td>
<td>0,9967</td>
<td>119.310,458</td>
<td>750.440,11</td>
<td>0,133004</td>
<td>99.811,54</td>
</tr>
</tbody>
</table>

103.652,595
M³ Natural

103.302,515
M³ at 60°F

649.753
Bbls at 60°F

86.367,02
Long Tons

87.753,211
Metric Tons

Sp Gr at 60/60 °F: 0,8519
API Gravity: 34,60

Prepared by: Baştosun

Checked by Iraq Ofis:

Checked by:
**BOTAS**  
**PETROL İŞLETMELERİ MÜDÜRLÜĞÜ**  
**PETROL İLETİMİ MÜDÜRLÜĞÜ**  
**RECEIVING CERTIFICATE**  
(TANK FARM)

**Rec.No:68 /BATCH 103-2+104-1**  
**Date Op: 25.04.2015-20:03**  
**Date CL: 26.04.2015-18:43**

<table>
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<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduction (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T5</td>
<td>OP</td>
<td>3210</td>
<td>24.860,384</td>
<td>67,0</td>
<td>0,8548</td>
<td>0,9967</td>
<td>24.778,345</td>
<td>155.851,08</td>
<td>0,133450</td>
</tr>
<tr>
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<td>CL</td>
<td>15495</td>
<td>122.645,496</td>
<td>67,5</td>
<td>0,8519</td>
<td>0,9965</td>
<td>122.216,237</td>
<td>768.716,91</td>
<td>0,133004</td>
</tr>
</tbody>
</table>

97.785,112 M³ Natural  
97.437,892 M³ at 60 °F  
612.866 Bbls at 60 °F  
81.444,09 Long Tons

Sp.Gr. at 60/60 °F: 0,8519  
API Gravity : 34,60

Prepared by:  
C.HAN

Checked by Iraq Ofis:  
Checked by:  
D604 → T5

Rev.No:2  
24.03.2005
# RECEIVING CERTIFICATE

**BOTAS**

**PETROL İŞLETMELERİ MÜDÜRLÜĞÜ**

**PETROL İLETİMİ MÜDÜRLÜĞÜ**

**RECEIVING CERTIFICATE**

**TANK FARM**

---

Rec.No: 68 / BATCH 104-1(part-2)

<table>
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<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduc. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T4</td>
<td>OP</td>
<td>4165</td>
<td>32.194,618</td>
<td>66.5</td>
<td>0.8526</td>
<td>0.9969</td>
<td>32.094,815</td>
<td>201.870,29</td>
<td>0.133110</td>
</tr>
<tr>
<td></td>
<td>CL</td>
<td>4924</td>
<td>38.229,857</td>
<td>66.5</td>
<td>0.8526</td>
<td>0.9969</td>
<td>38.111,344</td>
<td>239.713,11</td>
<td>0.133110</td>
</tr>
</tbody>
</table>

6.035,239 M³ Natural

6.016,529 M³ at 60°F

37.843 Bbls at 60°F

5.037,26 Long Tons

5.118,108 Metric Tons

---

Sp.Gr at 60/60 °F: 0,
API Gravity: 13.5

---

Prepared by: [Signature]

Checked by Iraq Ofis: [Signature]

Checked by: [Signature]

---

BOT-FRM-OOB-GEN-003-005

Rev.No:2

24.03.2005
**RECEIVING CERTIFICATE**
(TANK FARM)

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T4</td>
<td>OP</td>
<td>4924</td>
<td>38.229,857</td>
<td>66,5</td>
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<td>38.111,344</td>
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<td>119.027,120</td>
<td>748.657,97</td>
<td>0,133004</td>
</tr>
</tbody>
</table>

| 81.215,321 | 80.915,776 | 508.945 | 67.666,29 |
| M³ Natural  | M³ at 60°F | Bbls at 60°F | Long Tons |

Sp.Gr at 60/60 °F: 0,8519
API Gravity : 34,60

Prepared by : I.Baştosun
Checked by Iraq Ofis: 
Checked by :

Date Op: 27.04.2015-14:00
Date CL: 28.04.2015-09:10

BOT-FRM-OOB-GEN-003-005
Rev.No:2 24.03.2005
# RECEIVING CERTIFICATE

**Rec.No:** 70/BATCH 104-2+105-1  
**Date Op:** 28.04.2015-09:10  
**Date CL:** 28.04.2015-14:50

<table>
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<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. at 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>OP</td>
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<td>0.8532</td>
<td>0.9972</td>
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<td>311.075,72</td>
<td>0.133202</td>
<td>41.435,91</td>
</tr>
</tbody>
</table>

- 23.570,647 M³ Natural
- 23.435,117 M³ at 60°F
- 147.402 Bbls at 60°F
- 19.634,30 Long Tons
- 19.949,431 Metric Tons

Sp.Gr at 60/60 °F: 0.8532  
API Gravity: 34.35  

Prepared by: I. Baṣṭosun  
Checked by Iraq Ofis:  
Checked by:  

BOT-FRM-OOB-GEN-003-005  
Rev.No: 2  
24.03.2005
<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>OP</td>
<td>6320</td>
<td>49.665,690</td>
<td>69.0</td>
<td>0.8532</td>
<td>49.457,094</td>
<td>311.075,72</td>
<td>0.133202</td>
<td>41.435,91</td>
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<tr>
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<td>CL</td>
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<td>125.140,950</td>
<td>787.112,80</td>
<td>0.133050</td>
<td>104.725,36</td>
</tr>
</tbody>
</table>

\[
\frac{75.952,610}{M^3 \text{ Natural}} \quad \frac{75.683,856}{M^3 \text{ at 60°F}} \quad \frac{476.037}{\text{Bbls at 60°F}} \quad \frac{63.289,45}{\text{Long Tons}} \quad \frac{64.305,246}{\text{Metric Tons}}
\]

Sp.Gr. at 60/60 °F: 0.8522
API Gravity: 34.54

Prepared by: A. GILIK
Checked by Iraq Ofis: [Signature]
Checked by: [Signature]

Rev. No: 2
BOTAS
PETROL İŞLETMELERİ MÜDÜRLÜĞÜ
PETROL İLETİMİ MÜDÜRLÜĞÜ
RECEIVING CERTIFICATE
(TANK FARM)

Rec.No: 74BATCH 106-1(PART-2)

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP</th>
<th>Equivalent Cu.Meters</th>
<th>Oil temp °F</th>
<th>Sp.Gr. At 60/60 °F</th>
<th>Volume Reduct. (24) A</th>
<th>Cu.Meters Received at 60 °F</th>
<th>Barrels Received at 60 °F</th>
<th>Factor LT/BBL (29)</th>
<th>Long Tons Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>T5</td>
<td>OP</td>
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<td>67.5</td>
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<td>0.9965</td>
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<td>46.487,921</td>
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<td>0.8519</td>
<td>0.9965</td>
<td>46.325,213</td>
<td>291.376,79</td>
<td>0.133004</td>
<td>38.754,28</td>
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</tbody>
</table>

\[
\frac{28.384,429}{M^3 \text{ Natural}} = \frac{28,285,083}{M^3 \text{ at } 60^\circ F} = \frac{177,908}{\text{Bbls at } 60^\circ F} = \frac{23.662,45}{\text{Long Tons}} = \frac{24,042,232}{\text{Metric Tons}}
\]

Sp.Gr. at 60/60 °F: 0.8519
API Gravity: 34.60

Prepared by: C. HAN
Checked by Iraq Ofis:
Checked by:

D605 → T5

BOT-FRM-OOB-GEN-003-005
Rev.No: 2
24.03.2005
**loading Certificate**

<table>
<thead>
<tr>
<th>Tank No</th>
<th>DIP (mm)</th>
<th>Equivalent Cu.Metre</th>
<th>Temp. °F</th>
<th>Sp. Grav. 60/60 °F</th>
<th>V.C.F. 24 A</th>
<th>Cu Metre at 60 °F</th>
<th>Barrels at 60 °F</th>
<th>Factor Tab 29</th>
<th>Long Tons Shipped</th>
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**G.TOTAL :**

- **99.510,285** M³ Natural
- **99.137,217** C/M at 60 °F
- **623.554** BBLs. At 60 °F
- **82.835,44** Long Tons
- **84.164,949** Metric Tons

Average Sp.Gr. at 60/60 °F: 0.8509
Average API Gravity: 34.79

Prepared by: Y. KUL

Checked By BOTAŞ:

Representative Signature:

Rev.No:2 24.03.2005
## Loading Certificate

**Tanker:** CUMHURIYET  
**Shipment No:** 6533

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**G.TOTAL:**  
- 160.046,650 M³ Natural  
- 159.437,241 C/M at 60 °F  
- 1.002,830 BBL/S. At 60 °F  
- 133.267,41 Long Tons  
- 135.406,352 Metric Tons

Average Sp.Gr at 60/60 °F: 0.8512  
Average API Gravity: 34.74

Prepared by: I. Baştosun  
Checked By BOTAŞ:  
Representative Signature:  

A-OOB-004-007  
Rev.No:2  
24.03.2005
**SPECIAL NOTE:**

467,888 barrels transferred as part of April commitment (before 6am)
18,911 barrels transferred as part of May commitment (after 6am)

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Sp Gr at 60/60 °F: 0.8542
API Gravity: 34.15

77.729,002 M³ Natural
77.394,842 M³ at 60°F
486.799 Bbls at 60°F

66.066,843 Metric Tons

Prepared by: A. YILDIZ
Checked by: Öfis: 
Checked by: UN

D601 → T5
URGENT Loading Instructions - SOMO / May 012 Date: 1 May 2015

From: Ministry of Natural Resources – Kurdistan Regional Government

To: Turkish Energy Corporation (TEC) and BOTAS

RE: SOMO Transfers

Dear Sir/Madam

By orders of and for and on behalf of the Ministry of Natural Resources, please advise Terminal the following Lifting Instructions:

As of 1st May 2015, to transfer from the KRG nominated tanks, D Group, an average of 550,000 bbls per day to either:

i) the SOMO nominated tanks, T Group
ii) the SOMO nominated vessel(s), that are properly berthed for loading at the Ceyhan Port.

In addition to this order, as of 6am this morning, the storage available in the MNR nominated D-Tanks was 1,182,094. As these volumes were delivered to Ceyhan in the month of April by the KRG, please transfer this volume of oil to the SOMO nominated tanks or SOMO nominated vessel as part of our April lifting instructions. The updated lifting instructions should be applied to volumes that are delivered to Ceyhan from 1 May 2015.

Please adhere to this daily transfer until we advise otherwise.

Best regards,

Saad Sadollah
Senior Commercial Advisor
Ministry of Natural Resources
Kurdistan Regional Government
Annex B:
Communication with TEC & SOMO
URGENT  Loading Instructions - SOMO / Mar 006  Date: 14 March 2015

From: Ministry of Natural Resources – Kurdistan Regional Government

To: Turkish Energy Corporation (TEC) and BOTAS

RE: SOMO Transfers

Dear Sir/Madam

By orders of and for and on behalf of the Ministry of Natural Resources, please advise Terminal the following Lifting Instructions:

As of 14th March 2015, to transfer from the KRG nominated tanks, D Group, an average of 425,000 bbls per day to the SOMO nominated tanks, T Group.

Please adhere to this daily transfer until further notice.

Best regards,

Saad Sadollah
Senior Commercial Advisor
Ministry of Natural Resources
Kurdistan Regional Government
URGENT Loading Instructions - SOMO / Apr 007 Date: 07 April 2015

From: Ministry of Natural Resources – Kurdistan Regional Government

To: Turkish Energy Corporation (TEC) and BOTAS

RE: SOMO Transfers

Dear Sir/Madam

By orders of and for and on behalf of the Ministry of Natural Resources, please advise Terminal the following lifting instructions:

As of 8th April 2015, following the loading of the next MNR nominated vessels of up to a maximum of 1,100,000 bbls, to transfer from the KRG nominated tanks, D Group, all available crude oil to the SOMO nominated tanks, T Group.

Please adhere to this daily transfer until 30th April 2015, or until we advise otherwise.

Best regards,

Saad Sadollah
Senior Commercial Advisor
Ministry of Natural Resources
Kurdistan Regional Government
URGENT  Loading Instructions - SOMO / Apr 008  Date: 13 April 2015

From: Ministry of Natural Resources – Kurdistan Regional Government

To: Turkish Energy Corporation (TEC) and BOTAS

RE: SOMO Transfers

Dear Sir/Madam

By orders of and for and on behalf of the Ministry of Natural Resources, please advise Terminal the following Lifting Instructions:

As of 13th April 2015, to transfer from the KRG nominated tanks, D Group, an average of 650,000 bbls per day to the SOMO nominated tanks, T Group.

Please adhere to this daily transfer until further notice.

Best regards,

Saad Sadollah
Senior Commercial Advisor
Ministry of Natural Resources
Kurdistan Regional Government
URGENT Loading Instructions - SOMO / Apr 009 Date: 13 April 2015

From: Ministry of Natural Resources – Kurdistan Regional Government

To: Turkish Energy Corporation (TEC) and BOTAS

RE: SOMO Transfers

Dear Sir/Madam

By orders of and for and on behalf of the Ministry of Natural Resources, please advise Terminal the following Lifting Instructions:

For the avoidance of doubt, please transfer all remaining storage that can be found in the MNR nominated D Group Tanks, (at 2pm today – Turkish time, the storage volumes in the D Group Tanks were 1,207,250 bbls), to the T Group SOMO nominated tanks immediately.

This instruction is in addition to our request provided in our letter referenced “SOMO / Apr 008”, that as of 13th April 2015, to transfer from the KRG nominated tanks, D Group, an average of 650,000 bbls per day to the SOMO nominated tanks, T Group”.

Best regards,

Saad Sadollah
Senior Commercial Advisor
Ministry of Natural Resources
Kurdistan Regional Government
URGENT Loading Instructions - SOMO / Apr 010  Date: 13 April 2015

From: Ministry of Natural Resources – Kurdistan Regional Government

To: Turkish Energy Corporation (TEC) and BOTAS

RE: SOMO Transfers

Dear Sir/Madam

By orders of and for and on behalf of the Ministry of Natural Resources, please advise Terminal the following Lifting Instructions:

To ensure and allow for smooth filling of the MNR designated D-Tanks, prevention of reaching tanks tops in the D-Tanks, and ease of transfers to the SOMO designated T-Tanks, please ensure that all the MNR designated D-Tanks are made available for tank to tank transfer to the SOMO designated T-Tanks.

Best regards,

[Signature]

Saad Sadollah
Senior Commercial Advisor
Ministry of Natural Resources
Kurdistan Regional Government
URGENT    Loading Instructions - SOMO / Apr 011    Date : 21 April 2015

From: Ministry of Natural Resources – Kurdistan Regional Government
To:        Turkish Energy Corporation (TEC) and BOTAS

RE: SOMO Transfers

Dear Sir/Madam

By orders of and for and on behalf of the Ministry of Natural Resources, please advise Terminal the following Lifting Instructions:

As of 21st April 2015, as directed by Ministry of Natural Resources representative in Ceyhan, to transfer from the KRG nominated tanks, D Group, an average of 650,000 bbls per day to either:

i) the SOMO nominated tanks, T Group
ii) the SOMO nominated vessel(s), that are properly berthed for loading at the Ceyhan Port.

Please adhere to this daily transfer until 30th April 2015, or until we advise otherwise.

Best regards,

Saad Sadollah
Senior Commercial Advisor
Ministry of Natural Resources
Kurdistan Regional Government

[Signature]

21/4/15
URGENT

Date: April 28, 2015

From: Ministry of Natural Resources – Kurdistan Regional Government
To: Iraqi State Organization for Marketing of Oil (SOMO) and Turkish Energy Corporation (TEC)
Re: KRG Tank D-602/SOMO Vessel "ASTRO ANTARES"

Dear Sir/Madam:

In accordance with MNR Letter to TEC and Botas titled "Loading Instructions - SOMO/Apr 011" and dated April 21, 2015, the MNR requests that the following crude amount(s) in KRG tank(s) be nominated to SOMO effective immediately:

Tank D-602 - approximately 605,000 bbls

Therefore, this crude amount (approximately 605,000 bbls) will be available in KRG tank D-602 and shall be transferred to SOMO in order to load the "M/T ASTRO ANTARES". This crude will be available for SOMO's designated vessel from April 28, 2015 until April 30, 2015.

Thank You,

Ary Atrushi
Legal Advisor
Ministry of Natural Resources
Kurdistan Regional Government
URGENT

From: Ministry of Natural Resources - Kurdistan Regional Government
To: Iraqi State Organization for Marketing of Oil (SOMO) and Turkish Energy Corporation (TEC)
Re: KRG Tank D-604 & Tank D-606/SOMO Vessel “CUMHURIYET”

Dear Sir/Madam:

In accordance with MNR Letter to TEC and Botas titled "Loading Instructions - SOMO/Apr 011" and dated April 21, 2015, the MNR requests that the following crude amount(s) in KRG tank(s) be nominated to SOMO effective immediately:

Tank D-604 - approximately 650,000 (+/- 5%) bbls
Tank D-606 - approximately 350,000 (+/- 5%) bbls

Therefore, this crude amount of approximately 1,000,000 (+/- 5%) bbls will be available in KRG tank(s) D-604 and D-606 and shall be transferred to SOMO in order to load the “M/T CUMHURIYET.” This crude will be available for SOMO’s designated vessel from April 29, 2015 until April 30, 2015.

Thank You,

Ary Atrushu
Legal Advisor
Ministry of Natural Resources
Kurdistan Regional Government
URGENT Loading Instructions - SOMO / May 012  Date: 1 May 2015

From: Ministry of Natural Resources – Kurdistan Regional Government

To: Turkish Energy Corporation (TEC) and BOTAS

RE: SOMO Transfers

Dear Sir/Madam

By orders of and for and on behalf of the Ministry of Natural Resources, please advise Terminal the following Lifting Instructions:

As of 1st May 2015, to transfer from the KRG nominated tanks, D Group, an average of 550,000 bbls per day to either:

i) the SOMO nominated tanks, T Group

ii) the SOMO nominated vessel(s), that are properly berthed for loading at the Ceyhan Port.

In addition to this order, as of 6am this morning, the storage available in the MNR nominated D-Tanks was 1,182,094. As these volumes were delivered to Ceyhan in the month of April by the KRG, please transfer this volume of oil to the SOMO nominated tanks or SOMO nominated vessel as part of our April lifting instructions. The updated lifting instructions should be applied to volumes that are delivered to Ceyhan from 1 May 2015.

Please adhere to this daily transfer until we advise otherwise.

Best regards,

Saad Sadollah
Senior Commercial Advisor
Ministry of Natural Resources
Kurdistan Regional Government
Attn: BotaS District Management

Dear Sir or Madam:

Please find attached the MNR-KRG letter to SOMO and TEC for the loading of the CUMHURIYET from KRG Tank D-604 and D-606 for approximately 1,000,000 (+/- 5%) bbls. We wish to proceed with this loading as soon as possible per our nomination and loading instructions.

Best Regards,

QASIM MOHAMMED ALI AHMED
IRAQI SHIPPING OFFICE MANAGER
29/4/2015
Annex C:

Planned Oil Supply to SOMO (Jan 23rd Agreement)
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