To,
The GM (Listing),
National Stock Exchange of India Ltd,
Exchange Plaza, Plot No.C-1, G Block,
Bandra Kurla Complex, Bandra (East),
Mumbai – 400053

To,
Listing Department
BSE Limited
Phiroze Jeejeebhoy Towers
Dalal Street
Mumbai- 400001

Sub: Intimation of Schedule of Analyst/Institutional Investor Meet for MOIL Limited (“Company”)

Ref: Regulation 30 and Regulation 46(2) of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015

Dear Sir/Madam,

In terms of Regulation 30 and 46(2) of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, as amended read with corresponding circulars and notifications issued thereunder, it is hereby informed that the Company will be participating in a non-deal roadshow and shall be meeting prospective investors. The meeting details will be uploaded subsequent to the meetings scheduled to be held on December 05, 2016 & December 06, 2016.

A copy of the corporate presentation for the road show is attached. Furthermore, the corporate presentation is disseminated in the website of the Company at www.moil.nic.in.

This is for your kind information.

Thanking you,

Yours faithfully,

For MOIL Limited

[Signature]

Company Secretary

Encl: As above
MOIL Limited
A Government of India Undertaking

CORPORATE PRESENTATION

DECEMBER 2016

Agenda

1. Industry Overview
2. World Manganese Scenario
3. Indian Manganese Scenario
4. About MOIL
5. Operational and Financial Performance
6. Company Strengths and Strategies
7. Activities
Disclaimer

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Manganese Ore - Uses

- Around 90% of the Mn ore is used in production of Mn Ferroalloys. However, over last decade, the consumption in Si Mn alloys has been increasing via 4-5% Fe Mn alloys
- Around 4-5% of consumption is for production of hot metal, during production of steel through blast furnace route. Another 4-5% is used in other industries such as dry cell (batteries), chemicals etc.

Source: Market Survey on Manganese Ore(2019), October 2023
Industry Overview

- About 95% of the world's production of Manganese Ore is used directly or indirectly in steel making. Hence the demand of manganese ore is directly related to the production of steel.

- The average grade of manganese ore produced in India is low (Mn 32-33%). This necessitates imports of high grade manganese ore to blend with domestic quality of manganese ore for producing ferro/silicon manganese required for steel industry. Besides above, India is also the highest exporter of silicon manganese in the world.

- India's production of steel for 2015-16 is ~89.78 million tons for which the manganese ore requirement is approx. 3.64 million tons. However, the actual production of manganese ore during the said period was only ~1.30 million tons.

- In the last 3 years, there was surge in the world's production of manganese ore especially in South Africa. During 2015, the global production of manganese ore was 48.69 million tonnes.

- World production of steel reduced by 2.08% in 2015 (from 1547 Million Tonnes to 1598 Million Tonnes). Even after considering the consumption in steel industry with its increased production there was surplus availability of manganese ore by 2.12 million tonnes.


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Manganese Ore | Global Environment

World Manganese Ore Production

<table>
<thead>
<tr>
<th>Year</th>
<th>Production (in Million Tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>3.47</td>
</tr>
<tr>
<td>2012</td>
<td>3.48</td>
</tr>
<tr>
<td>2013</td>
<td>3.44</td>
</tr>
<tr>
<td>2014</td>
<td>3.52</td>
</tr>
<tr>
<td>2015</td>
<td>4.69</td>
</tr>
</tbody>
</table>

Figures for Calendar Year (Source: IMF)

World Manganese Ore Production - 2015* China and India account ~32% of production

Major Producers of Manganese Ore in respective countries

1. South Africa
2. Gabon
3. China
4. Australia
5. Brazil
6. Kazakhstan
7. India

*Figures for Calendar Year, Source: IMF

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Manganese Ore Reserves in India (in Million Tonnes)

INDIA: States, and Union Territories:

- **Resources**: 188.00
- **Reserves**: 142.00
- **Total**: 430.00

MOL had Manganese Ore Resources of 49.72 mt and Reserves of 13.75 mt, totaling it to 63.47 mt as on April 1, 2018.

Manganese Ore | India Scenario

<table>
<thead>
<tr>
<th>State</th>
<th>Manganese Ore Production</th>
<th>Qty. in million</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andhra Pradesh</td>
<td>2.81</td>
<td>2.34</td>
</tr>
<tr>
<td>Karnataka</td>
<td>2.80</td>
<td>2.33</td>
</tr>
<tr>
<td>Goa</td>
<td>2.61</td>
<td>2.32</td>
</tr>
<tr>
<td>Other: 9.09 mt (2%)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**State-wise Production of Manganese Ore, 2015-16 (RS)**

- **B**: Chhattisgarh: 91,534
- **J**: Gujarat: 38,221
- **S**: Karnataka: 34,130
- **K**: Kerala: 1,377
- **M**: Maharashtra: 65,461
- **P**: Odisha: 36,097
- **R**: Rajasthan: 36,097
- **T**: Telangana: 34,130

**Manganese: Demand Supply Gap**

- The key demand drivers have been increasing steel production.
- India has only 20% of high & medium grade reserves & the rest account for low grade ore reserves.
- With increasing demand for SLM, the imports of medium grade ore (35-44% Mn) has increased.

Source: [Manganese Ore Survey](http://www.indiabookofmines.org/survey/Manganese%20Survey%202014%20.pdf)
Import of Manganese Ore in India | Country wise

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>OTHERS</td>
<td>0.284</td>
<td>0.357</td>
<td>0.152</td>
<td>0.117</td>
<td>0.135</td>
</tr>
<tr>
<td>GABON</td>
<td>0.173</td>
<td>0.313</td>
<td>0.232</td>
<td>0.263</td>
<td>0.447</td>
</tr>
<tr>
<td>AUSTRALIA</td>
<td>0.568</td>
<td>0.745</td>
<td>0.520</td>
<td>0.749</td>
<td>0.365</td>
</tr>
<tr>
<td>SOUTH AFRICA</td>
<td>0.028</td>
<td>1.011</td>
<td>1.315</td>
<td>2.044</td>
<td>1.193</td>
</tr>
</tbody>
</table>

Source: DGFT (Directorate General of Foreign Trade)
### MOIL Limited – A Brief History

<table>
<thead>
<tr>
<th>Year</th>
<th>Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1829</td>
<td>Central Prospecting Syndicate was formed to prospect for manganese deposits. The first Prospecting License was taken in 1829 at Munsar and work commenced in the same year.</td>
</tr>
<tr>
<td>1908</td>
<td>The Syndicate was converted into a Public Company as Central Provinces Manganese Ore Company Limited (CPMO) incorporated in UK. Later, CPMO acquired mines in Nagpur, Bhedaghat and Balaghat districts.</td>
</tr>
<tr>
<td>1962</td>
<td>On 27th June 1962, MOIL was incorporated by Government of India. Through an agreement between the Government of India and the CPMO, the assets were taken over by MOIL and as a result, CPMO held 49% shares and the rest was held by Government of India and the State Governments of Maharashtra and Madhya Pradesh.</td>
</tr>
<tr>
<td>1972</td>
<td>The remaining 49% of shares were acquired by the Government of India from CPMO and MOIL became a 100% Government Company.</td>
</tr>
<tr>
<td>2010</td>
<td>The Company got listed in Dec-2010 with divestment of 10% shares by Central Government and 5% each by State Governments of Maharashtra and Madhya Pradesh.</td>
</tr>
</tbody>
</table>

### MOIL Limited | Location of Mines

- **Madhya Pradesh**
  - Balaghat District
  - Bhandara District
  - Chikli
  - Dongri-Buzurg

- **Maharashtra**
  - Nagpur District
  - Beldongri
  - Gumgaon
  - Kandri
  - Munsar

- **Nagpur**
  - Balaghat
  - Sitagatore
  - Tirodi
  - Ukwra

<table>
<thead>
<tr>
<th>Road distance from Nagpur in Kms.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balaghat 217</td>
</tr>
<tr>
<td>Sitagatore 156</td>
</tr>
<tr>
<td>Tirodi 146</td>
</tr>
<tr>
<td>Ukwra 254</td>
</tr>
<tr>
<td>Beldongri 49</td>
</tr>
<tr>
<td>Gumgaon 35</td>
</tr>
<tr>
<td>Kandri 42</td>
</tr>
<tr>
<td>Munsar 45</td>
</tr>
<tr>
<td>Chikli 116</td>
</tr>
<tr>
<td>Dongri 122</td>
</tr>
</tbody>
</table>
Board of Directors

Mr. M.P. Chaudhri, Chairman-Chairman cum Managing Director

Shri T.R. Bhandari, Director (Commercial)

Shri U.C. Bajaj, Director (Finance)

Mrs. Jangda Greer, Independent Director

A qualified Chartered Accountant appointed on Board in August 2012. He started his career with M/s Reliance Steel Industries Limited as an Accounts Officer and has worked in other private sector companies before joining MCI in December, 1982 as Manager (Finance). He has more than 37 years experience in the field of finance, accounts and taxation.

Shri D.A. Mehrotra, M.A. (Pub. Pol.), M.A. (Econ.), M.A. (PUB. Admn.). He has worked on various key positions in IA&F up to the position of General Manager. He also worked with Govt. of India as DG, Development Commissioner for Textile, Govt. of India, Foreign Trade, and Textiles between 1993-1996.

Kala, M.A. (International Politics), M.P.A. (Harvard School) Master’s Diploma in Public Administration, MPA (Australia). She is the Board of IOC till November, 2012. She has extensive experience in various administrative posts. Previously worked as Joint Secretary in Ministry of Water Resources, GOI & DG, Govt. of India and 22 equivalent in Ministry of Railways.

Indrani N. Das, M.A., M.Phil. (International Politics) M.P.A., (Harvard School) Master’s Diploma in Public Administration, MPA (Australia). She is the Board of IOC till November, 2012. She has extensive experience in various administrative posts. Previously worked as Joint Secretary in Ministry of Water Resources, GOI & DG, Govt. of India and 22 equivalent in Ministry of Railways.

Note:
(i) Shri M.P. Chaudhri has also been assigned with additional charge of the post of Director (Production & Planning) for a period of three months (April to November 2016), or till regular incumbent joins the post, or until further order, whichever is earlier.
(ii) Two (2) new Independent Directors namely Dr. A.K. Verma, Shri G.S. Grewal, & Shri J.P. Dangi have been appointed on November 12, 2015.

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Despite reduction in Manganese ore prices by about 50% between Jan 2015 and March 2016, MOIL has been able to restrict the reduction in average sale realisation to only 28%, which has been possible due to higher production and sales of high grade ore. The improved productivity has enabled the company to register profits.
Financial Snapshot – Half Year | FY17

Statement on Audited Financials

Total Income from Operations

<table>
<thead>
<tr>
<th>FY16</th>
<th>FY17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rs. crores</td>
<td>Rs. crores</td>
</tr>
<tr>
<td>101.69</td>
<td>101.89</td>
</tr>
</tbody>
</table>

Earnings Before Interest, Tax, Depreciation and Amortization

<table>
<thead>
<tr>
<th>FY16</th>
<th>FY17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rs. crore</td>
<td>Rs. crore</td>
</tr>
<tr>
<td>42.11</td>
<td>42.61</td>
</tr>
</tbody>
</table>

Profit After Tax

<table>
<thead>
<tr>
<th>FY16</th>
<th>FY17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rs. crore</td>
<td>Rs. crore</td>
</tr>
<tr>
<td>86.62</td>
<td>86.62</td>
</tr>
</tbody>
</table>

Segment-wise Revenue Breakup

- The Company has adopted IND-AS from April 01, 2016.
- Reduction in profits mainly due to higher sale of low grade ores, accumulated in previous year, during the period
- Company has also completed the Buyback process in accordance with Securities & Exchange Board of India (Buy Back of Securities) Regulations, 1998, on October 07, 2016 which was approved by Board of Directors in the meeting dated June 07, 2016. Consequently, the paid up share capital stands reduced to Rs. 131.19 crore and general reserve at Rs. 2,542.92 crores

Dividend Paid

<table>
<thead>
<tr>
<th>Years</th>
<th>Total equity capital as on 31st March</th>
<th>Total dividend paid (Rs in crores)</th>
<th>Total dividend as % of total equity</th>
<th>Total dividend as % of PAT (Profit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>168.00</td>
<td>84.00</td>
<td>50%</td>
<td>20.45%</td>
</tr>
<tr>
<td>2012-13</td>
<td>168.00</td>
<td>92.00</td>
<td>55%</td>
<td>21.40%</td>
</tr>
<tr>
<td>2013-14</td>
<td>168.00</td>
<td>126.00</td>
<td>75%</td>
<td>24.73%</td>
</tr>
<tr>
<td>2014-15</td>
<td>168.00</td>
<td>142.80</td>
<td>85%</td>
<td>33.36%</td>
</tr>
<tr>
<td>2015-16</td>
<td>168.00</td>
<td>84.00</td>
<td>50%</td>
<td>48.50%</td>
</tr>
<tr>
<td>Total (5 Years)</td>
<td>840.00</td>
<td>529.20</td>
<td>50%</td>
<td>20.45%</td>
</tr>
</tbody>
</table>
### Competitive Strengths & Key Business Strategies

<table>
<thead>
<tr>
<th>Competitive Strengths</th>
<th>Key Business Strategies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Largest producer of manganese ore in India with access to significant reserves</td>
<td>Maintain our leadership position in India and continue to increase production levels at our existing mines to capitalize on expected growth of the Indian steel sector.</td>
</tr>
<tr>
<td>Well positioned to capture the growth potential of the Indian steel industry</td>
<td>Engage in exploration through our extensive lease holdings to prove additional reserves</td>
</tr>
<tr>
<td>Track record of growth and efficient operations</td>
<td>Achieve higher forward integration to capture additional margin</td>
</tr>
<tr>
<td>Strategic location of our mines provides us with competitive advantages</td>
<td>Continue to increase margins, efficiency, profitability and control costs</td>
</tr>
<tr>
<td>Strong track record of financial performance</td>
<td>Continue our focus on developing environmentally friendly and socially sustainable operations</td>
</tr>
<tr>
<td>Strong capabilities for exploration, mine planning and research development</td>
<td></td>
</tr>
<tr>
<td>Experienced senior management and large pool of skilled manpower</td>
<td></td>
</tr>
</tbody>
</table>

### Additional Activities

#### Non-Conventional Source of Energy
- MOIL has installed wind farms for captive power requirement and to promote non-conventional energy resources. The present capacity is 20 MW.
- MOIL is planning to setup 10.5 MW Solar Power Plant at mines in Madhya Pradesh and Maharashtra.

#### Exploration and Prospecting in Madhya Pradesh
- MOIL has signed Memorandum of Understanding (MoU) jointly with Government of Madhya Pradesh, Mineral Resources Department and Madhya Pradesh State Mining Corporation Limited (MPSMCL), to conduct exploration and prospecting works by MOIL in Madhya Pradesh.
- MoU also envisages formation of a Joint Venture Company between MOIL (11%) and MPSMCL (89%), in case of availability of ore is proved, in any area.
- MoU is aimed at increasing the mineral resources in Madhya Pradesh.

Strategic Management Plan : 2030

- Taking into consideration anticipated growth in steel production and, as a result, increase in requirement of manganese ore, the company has prepared Strategic Management Plan (SMP) covering a period upto 2030.
- The SMP envisages availability of MOIL's ore at a level of 3.00 million MT by 2030.
- In this direction, several shaft sinking and deepening projects have been completed and some ongoing and planned projects.

Capital Projects | Ongoing projects

<table>
<thead>
<tr>
<th>S. No.</th>
<th>New Projects</th>
<th>Capex (In Cr.)</th>
<th>Expected year of completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Deepening of Holmes shaft from 12th Level to 16.5 Level</td>
<td>28.30</td>
<td>2016-17</td>
</tr>
<tr>
<td>2.</td>
<td>Sinking of 2nd vertical shaft at Chikla mine. The shaft diameter is 4.5 meters, having a depth of 360 meters.</td>
<td>48.70</td>
<td>2018-19</td>
</tr>
<tr>
<td>3.</td>
<td>Deepening of vertical shaft at Kondoli mine by 57 mtrs.</td>
<td>14.82</td>
<td>2018-19</td>
</tr>
<tr>
<td>4.</td>
<td>Sinking of 2nd vertical shaft at Munsar mine. The shaft diameter is 4.5 meters, having a depth of 360 meters.</td>
<td>51.32</td>
<td>2019-20</td>
</tr>
<tr>
<td>5.</td>
<td>Sinking of 2nd vertical shaft at Ukwa mine. The shaft diameter is 5.5 meters, having a depth of 324 meters.</td>
<td>77.15</td>
<td>2020-21</td>
</tr>
</tbody>
</table>

Source: MDE Annual Report 2016
Recently approved mining projects

Sinking of high speed vertical shaft at Balaghat Mine

- The high speed shaft involves Capex of Rs. 265.96 Cr.
- The total production from the mine is likely to touch 0.6 mn MT from 0.3 mn MT.

Sinking of high speed vertical shaft at Gumgaon Mine

- The high speed shaft involves Capex of Rs. 194.92 Cr.
- The total production from the mine is likely to touch 0.14 mn MT from 0.07 mn MT.

The Mining Projects recently completed/taken up/recently approved/envisaged by the Company will help in sustaining as well as increasing production to a level of 2.00 million MT by 2020.

MOIL | New Area Development

- New area additions in last 5 years (1377.679 Ha)
- Maharashtra (958.460 Ha)
- Madhya Pradesh (509.219 Ha)

- Area under Reservation (601.106 Ha)
  - M.S. – 217.270 Ha
  - M.P. – 383.836 Ha

- Area under Prospecting Leases (197.64 Ha)
  - Area converted to Mt.
  - M.S. – 122.480 Ha
  - M.P. – 75.160 Ha

- Area under Mining Leases (179.133 Ha)
  - M.S. – 53.750 Ha
  - M.P. – 125.383 Ha

Total area incl. Additions: 2942.314 Ha

Source: Stock Exchange Filings and MOIL's Annual Reports.
M.S: Maharashtra, M.P: Madhya Pradesh
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Underground Mining Operations

Production Shaft & Cable Bolting Operations

01/03/2003

Side Discharge Loader – Belghar Mine
Value Addition – EMD (Dongri Buzurg) and FM Plant (Balaghat)

- The Plant was installed through in-house R&D and the EMD produced is of good quality. MOIL's EMD is well established in the market. The plant has been awarded the ‘INDIA NATIONAL ENERGY CONSERVATION AWARD IN 2006 & 2007.

- The Ferro Manganese Plant is located at Balaghat in Madhya Pradesh. This is the only pit head plant in the country. The capacity of the plant is 10000 tpa and produces Ferro Manganese of very high quality comparable to international standards.

Value Addition through beneficiation and Wind Farm

- The Company has successfully commissioned in September 2007, a 500,000 TPA state of the art Integrated Manganese Ore Beneficiation Plant with most modern fully computerized bottom air pulsed jig.

- The Plant is the first of its kind in India for manganese ore beneficiation. The entire ROM produced from Balaghat Mine is handled through the Plant.

- MOIL is one of the first Public Sector Company in the country to install wind farms for captive power requirement and to promote non-conventional energy resources. The plant capacity is 20 MW (2006-07).
Shareholding Pattern

<table>
<thead>
<tr>
<th>Investor</th>
<th>No. of Shares</th>
<th>% of paid up equity shares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic Investor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Life Insurance Corporation of India</td>
<td>17,951,206</td>
<td>1.31%</td>
</tr>
<tr>
<td>United Rugby Corporation Limited</td>
<td>544,410</td>
<td>0.04%</td>
</tr>
<tr>
<td>FOREIGN INVESTOR*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRS International</td>
<td>1,345,678</td>
<td>0.10%</td>
</tr>
<tr>
<td>New Discovery Fund</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Investor holding more than 3% of the paid up equity shares
THANK YOU!

MOIL LIMITED
MOIL Bhavan, 1-A. Katol Road, Chhaoni, Nagpur-440 013
Website: http://moli.nic.in

Phone: 0712-2806189
Fax: 0712-2592073