LIFELINE UDAN

Operating medical cargo lifelines for the nation

Status as on 01 April 2020

New Delhi | 02 April 2020
7 days (26 March – 1 April 2020)

- 85 flights
- 76 tons
- Over 93,000 km aerial distance

- 62 flights by AI & Alliance Air
- 15 flights by IAF
- Focus on NER, islands & hill states
Multiple stakeholders involved

- State Govts
- AAI & PPP Airports
- MoCA
- AAICLAS
- IAF
- Pawan Hans & Pvt helcos
- Private airlines
Key challenges

- Low density cargo
- Production delays
- Restricted staff movement
- Weather challenges
- Schedule changes
- Local coordination issues
Actions undertaken

- War room set up at MoCA
- Stakeholder consultations
- Rapid decision making
- Lifeline Udan portal
- Staff empowerment
- Dynamic scheduling
Typical day in the MoCA War Room

8 AM

- Video conference for stock taking

2 PM

- Next day’s consignment details from States

3 PM

- Video conference for network planning

5 PM

- Final flight schedule from airlines

8 PM

- Progress update and final adjustments
The Lifeline Udan portal

- Developed in 3 days by NIC
- Easy to use and navigate
- Consignment data from States
- Flights options from airlines
- Network planning by MoCA
- Daily updates for public
Consignment data upload

Consignment data provided by Union/ State/ UT Governments, ICMR and HLL

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Record no</th>
<th>Nodal State Government</th>
<th>Consignor organization</th>
<th>Consignee organization</th>
<th>Origin - Destination airport</th>
<th>Date of departure</th>
<th>Type of cargo</th>
<th>Total quantity (kg)</th>
<th>Contact person</th>
<th>Transaction status</th>
<th>Details</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>44</td>
<td>20200401124</td>
<td>WEST BENGAL</td>
<td>Principal Resident Commissioner, Government of West Bengal</td>
<td>Central Medical Store CMS</td>
<td>IGI Airport - Kolkata Airport</td>
<td>02/04/2020</td>
<td>Medical equipment</td>
<td>3000 kg approx</td>
<td>Prasenjit Das, Deputy Resident Commissioner - 9955300499</td>
<td>Under consideration</td>
<td>Details</td>
<td></td>
</tr>
<tr>
<td>49</td>
<td>20200401361</td>
<td>WEST BENGAL</td>
<td>Office of the Resident Commissioner Govt. of West Bengal</td>
<td>CMS Central Medical Store</td>
<td>IGI Airport - Kolkata Airport</td>
<td>02/04/2020</td>
<td>Consumables (masks, gloves, gowns etc.)</td>
<td>Approx. 3000 kgs</td>
<td></td>
<td>Under consideration</td>
<td>Details</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>20200401348</td>
<td>WEST BENGAL</td>
<td>ICMR National Institute of Malaria Research</td>
<td>ICMR National Institute of Cholera and Enteric Diseases NICED</td>
<td>IGI Airport - Kolkata Airport</td>
<td>01/04/2020</td>
<td>Others (please specify in remarks)</td>
<td>Approx 45 kgs</td>
<td>Dr. Anup Aryaikar - 9806312261</td>
<td>Under consideration</td>
<td>Details</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>20200331182</td>
<td>UTTARANCHAL</td>
<td>ICMR National Institute of Virology NV</td>
<td>AIIMS, Rishikesh</td>
<td>Pune Airport - Dehradun Airport</td>
<td>31/03/2020</td>
<td>Others (please specify in)</td>
<td>5 kgs</td>
<td>ICMR National Institute of</td>
<td>Under consideration</td>
<td>Details</td>
<td></td>
</tr>
</tbody>
</table>
Flights scheduling

Flight data filled in by airlines in coordination with MoCA War Room

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Record no</th>
<th>Airline</th>
<th>Flight no</th>
<th>Date</th>
<th>Origin airport</th>
<th>Destination airport</th>
<th>Departure - Arrival time</th>
<th>Details</th>
<th>Flight status</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2020032943</td>
<td>Alliance Air</td>
<td></td>
<td>29/03/2020</td>
<td>Hyderabad</td>
<td>Coimbatore</td>
<td>1900 Hours -</td>
<td>Details</td>
<td></td>
<td>Carrying medicines and relief material</td>
</tr>
<tr>
<td>2</td>
<td>2020032944</td>
<td>Alliance Air</td>
<td></td>
<td>29/03/2020</td>
<td>Coimbatore</td>
<td>Hyderabad</td>
<td>2120 Hours -</td>
<td>Details</td>
<td></td>
<td>Carrying medicines and relief material</td>
</tr>
<tr>
<td>3</td>
<td>20200331109</td>
<td>Air India</td>
<td>AI1677</td>
<td>26/03/2020</td>
<td>Mumbai Airport</td>
<td>IGI Airport</td>
<td>1330 - 1530</td>
<td>Details</td>
<td>Executed</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>20200331110</td>
<td>Air India</td>
<td>AI1889</td>
<td>27-03-2020</td>
<td>IGI Airport</td>
<td>Lengpui Airport</td>
<td>1100 - 1300</td>
<td>Details</td>
<td>Executed</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>20200331111</td>
<td>Air India</td>
<td>AI1889</td>
<td>27-03-2020</td>
<td>IGI Airport</td>
<td>Kolkata Airport</td>
<td>1100 - 1300</td>
<td>Details</td>
<td>Executed</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>20200331112</td>
<td>Air India</td>
<td>AI1889</td>
<td>27-03-2020</td>
<td>IGI Airport</td>
<td>Hyderabad Airport</td>
<td>1100 - 1300</td>
<td>Details</td>
<td>Executed</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>20200331113</td>
<td>Air India</td>
<td>AI1889</td>
<td>27-03-2020</td>
<td>Hyderabad</td>
<td>IGI Airport</td>
<td>1100 - 1300</td>
<td>Details</td>
<td>Executed</td>
<td></td>
</tr>
</tbody>
</table>
Network planning - Hub and spoke model

**HUBS**
Delhi, Mumbai, Chennai, Kolkata, Bangalore and Hyderabad

**SPOKES**
Other state capitals and remote regions

Multiple adjustments undertaken during the day based on ground information and unexpected events
Complexities of the last mile connection

Lifeline Udan (Network No 1 on 31 March 2020)

Trunk route 1: Mumbai to Delhi
- Mumbai: Loading of consignments of Assam, Meghalaya and ICMR

Trunk route 2: New Delhi to Guwahati
- Delhi: Loading of consignment of Nagaland, Arunachal and Pune; Unloading of consignment of ICMR
- Guwahati: Unloading of consignment of Assam, Meghalaya, Nagaland and Arunachal

Trunk route 3: Guwahati to Mumbai
- Unloading of Pune consignment

Map not to scale. Locations shown are approximate.
A salute to India’s Corona Warriors

India’s war against COVID-19 will be won thanks to these bravehearts
Thank you