

**ATFM Post operations CDM analysis**

CDM for Date: 21.01.2020

CDM Name: CDM1_VIDP_210120

Applicable Airport: VIDP

Time (UTC): From 06:00 To 09:00

Reason: DUE NOTAM No. A0020/20 RWY CLOSURE DUE REPUBLIC DAY CELEBRATION Maximum Delay (Mins): 25 Mins Average Delay (Mins.): 04 Mins

A. CDM Analysis

ATFM Measures 	GDP 1	GDP 2	GDP 3	GSt/GDP/	Overall CDM period
Duration 	(Hourly Period) 0645 - 0700	(Hourly Period) 0700-0800	(Hourly Period) 0800-0900	(Hourly Period)	
Actual demand of Arrival	0600 – 0700 31	0700-0800 57	0800-0900 31		
No of Arrivals Planned	26	42	37		
Actual Arrivals (as per Airport)	16	37	41		
Actual Arrivals (As per SKYFLOW)	26	42	37		
Manual CTOTs (Nos.)	--	--	--		5
Compliance (%)	--	--	--		53%
Accuracy (%)	--	--	--		73%

NOTE: Accuracy of the CDM is the hourly callsign wise comparison between the predicted flights during preparation of CDM with flights actually operated. It is measured in percentage (%)

**B. Details of CTOT Non-Compliance Flights:**

Call sign	ADEP	EOBT	ETOT	CTOT	Revised EOBT	Revised manual CTOT	System ATOT
IGO2228	VOBL	04:00	04:10	04:10		5:45	05:28
SEJ192	VOBL	04:05	04:15	04:15		4:26	04:51
GOW701	VAAH	05:20	05:30	05:30			05:54
VTI976	VAAH	05:25	05:35	05:35		7:22	05:57
VTI812	VOBL	04:15	04:25	04:36		5:10	05:01
AIC543	VOHS	05:00	05:10	05:19			05:35
IGO2902	VISR	05:45	05:55	06:05			06:18
GOW192	VISR	05:45	05:55	06:07			06:19
AIC430	VOMM	04:25	04:35	04:50			05:01
AIC021	VECC	04:55	05:05	05:16	5:20	6:30	05:42
LLR806	VIBR	05:45	05:55	06:16		6:45	06:39
VTHBX	VIDP	07:30	07:40	07:40			08:25
SEJ2732	VIAX	06:10	06:20	06:42			08:05
VTTRI	VIAG	07:00	07:10	07:30			07:47
IGO5022	VOBL	05:00	05:10	05:30			06:04
GOW119	VOBL	05:00	05:10	05:31			06:32
LLR622	VIBT	06:30	06:40	07:05			07:25
AIC446	VILH	06:25	06:35	06:56			08:25
IGO772	VECC	05:30	05:40	05:57			05:50
IGO2325	VEPT	06:15	06:25	06:42			07:04
IGO2032	VOBL	05:30	05:40	05:53			06:08
IAD745	VERC	06:15	06:25	06:37			07:08
IGO845	VOHS	06:10	06:20	06:26			06:39
AIC826	VISR	06:55	07:05	07:11			07:23
IAD741	VOBL	05:50	06:00	06:03			06:29
VTI960	VABB	06:25	06:35	06:37		7:00	07:15
AIC460	VOBZ	06:15	06:25	06:27			06:08
IGO985	VOCB	05:40	05:50	05:52			06:08
VTI816	VOBL	06:15	06:25	06:25			06:38
GOW465	VABB	06:45	06:55	06:58			07:12

**C. Summary of CTOT non-compliance:**

CTOT non-compliant summary			
AIRPORT		AIRLINE	
AIRPORT NAME	TOTAL NUMBER	OPERATOR NAME	TOTAL NUMBER
VIDP	1	AIRINDIA	6
VOBL	8	GO AIR	4
VAAH	2	AIR ASIA	2
VOHS	2	INDIGO	8
VISR	3	SPICEJET	2
VOMM	1	ALLIANCE	2
VECC	2	VISTARA	4
VIBR	1	HERITAGE AVIATION	1
VIAX	1	VSR VENTURES	1
VIAG	1		
VIBT	1		
VILH	1		
VEPT	1		
VERC	1		
VABB	2		
VOBZ	1		
VOCB	1		

**D. Observation / Feedback**

CDM Observations / Feedback	
TRAFFIC FLOW:	SMOOTH. NO HOLDING
SUBSTANTIAL HOLDINGS(>15 mins.):	NIL
DIVERSIONS (IF ANY):	NIL
ANY UNANTICIPATED EVENTS:	NIL
FLIGHT DATA ISSUE	NIL
AIRSPACE DATA ISSUE	NIL
ANY OTHER RELEVANT ISSUES / REMARK:	<ol style="list-style-type: none">1. Jt.GM(Ops) IGI airport agreed planning of arrivals from 0620 UTC.2. Many Non-compliance from ATC units/FMPs which were counselled by CCC officer.3. Fog at Bengaluru Airport. Many Pre closure arrivals to Delhi allotted manual CTOTs as no delay message received from Airline. CCC proactively coordinated and issued CTOTs to such flights. Even these CTOTs were not followed at Bengaluru.4. Mumbai departures AIC348, AIC806 pre closure flights accommodated after the closure.5. AIC452 VOVZ departure accommodated post closure. No update from Airline.6. SEJ8902 VAAU departure accommodated post closure. No update from Airline.7. CDM applied at 03:20 UTC. No delay in dissemination of CTOTs.8. Only one Airline representative present in CCC i.e. from Indigo Airlines.9. First landing took place at 0618 (Air-force flight "Dornier") and first scheduled Arrival, AIC914, landed on Runway 10 at 0625. Arrivals were planned from 0620 UTC at an AAR of 40.10. International Flight Schedules for AFG311, UTP9943 etc. didn't operate.11. VTI668 VICG/VIDP departed without CTOT despite coordination with Delhi FMP.12. GOW701 & VIT976 from Ahmedabad did not follow CTOT.13. Traffic was observed to be smooth with slight holding between 0730 to 0830 UTC.

Team - B

(Prepared by)

MANOJ KUMAR SINGH
(Operation Shift Supervisor)