

# THE MUNICH AIRPORT CDM PROJECT

13. May 2007

## Airport CDM Munich – NEWS -

On 7<sup>th</sup> May the final phase of the Airport CDM Trial at Munich Airport will be initiated. The exchange of automated data between Airport CDM MUC and CFMU ETFMS Live System will allow a smooth transition into regular operations at 7<sup>th</sup> June 2007.

## Activities 2007

- Operational data exchange trial with CFMU test system Mar 2007
- Visit of EUROCONTROL Director ATM Programmes and Head of Division AOE Mar 2007
- Workshop “Airport CDM” with participants from Airports: VIE, AMS, ZRH, BCN, MAD, LHR Apr 2007
- Workshop aim: Demonstrate the progress of the Munich A-CDM project, inform the participants of the processes and procedures of Airport CDM in reference to the European harmonisation of Airport CDM.



Delegation of Eurocontrol, DFS and Airport CDM project team Munich



Airport/ATC/Airlines Participants from 6 European Airports at A-CDM workshop MUC

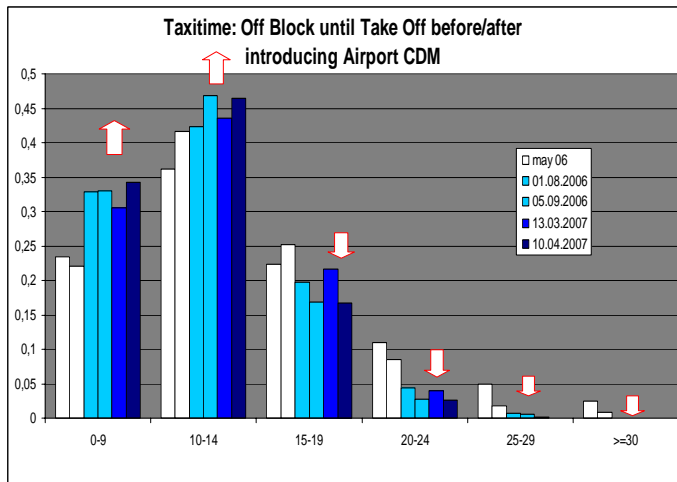
## Airport CDM Munich – Remote Access –

MAS	Flight	Callsign	SOBT	EOBT	TOBT	TSAT	RMT	POS	ICE	RWY	Detail
<	LH 3682	DLH3XU	07:10	07:20	07:35	07:35	10	223A		26L	Detail
<	LH 480	DLH480	07:20	07:20	07:20	07:36	12	204A		26L	Detail
<	LH 4382	DLH55K	07:40	07:40	07:40	07:41	10	327W		26L	Detail
<	=864347	EFD401	06:45	07:51	07:45	07:45	11	R10		26R	Detail
*	DI 7084	BAG84C	07:55	07:55	07:55	07:55	12	105		26R	Detail
	OEINI	OEINI	08:00	08:00	08:00	08:00	10	R10		26L	Detail
*	DE 852	CFG852	08:25	08:15	08:25	08:25	13	246		26L	Detail
*	RO 316	ROT316	08:25	08:25	08:25	08:25	14	195E		26L	Detail
	TK 1630	THY1630	08:30	08:30	08:30	08:30	14	115A		26L	Detail
*	DL 131	DAL131	08:05	08:05	08:05	08:36	11	110		26L	Detail
+	AY 804	FIN804M	08:20	08:20	08:20		14	116		26L	Detail
	AZ 441	AZA441	09:50	09:50			16	196E		26L	Detail
	BA 949	BAW949L	09:55	09:55			17	109B		26R	Detail
<	QI 244	CIM244	07:40	07:40	07:40		11	323W		26R	Detail
	AC 847	ACA847	09:40	09:40			16	212A		26R	Detail
	LH 1366	DLH3HY	09:30	09:30			15	321W		26L	Detail
	LH 4096	DLH1MK	08:55	08:55	08:55		17	324W		26L	Detail
+	UA 903	UAL903	09:35	09:35			16	224X		26R	Detail
+	UA 907	UAL907	10:20	10:20			16	223A		26R	Detail
	DE 942	CFG942	10:00	10:00			15	210B		26L	Detail
	LH 3332	DLH4MJ	08:55	08:55	08:55		17	220B		26L	Detail
	KM 305	AMC305	10:40	10:40			15	220B		26L	Detail

The screenshot above shows the Web application for Sequence-Planning (WEASEL). Depending on access authorization, detailed flight and sequence information are visible, e.g. Remote TOBT change is possible with WEASEL. Access can be requested via [airport-cdm@munich-airport.de](mailto:airport-cdm@munich-airport.de).

## Benefits of Airport CDM

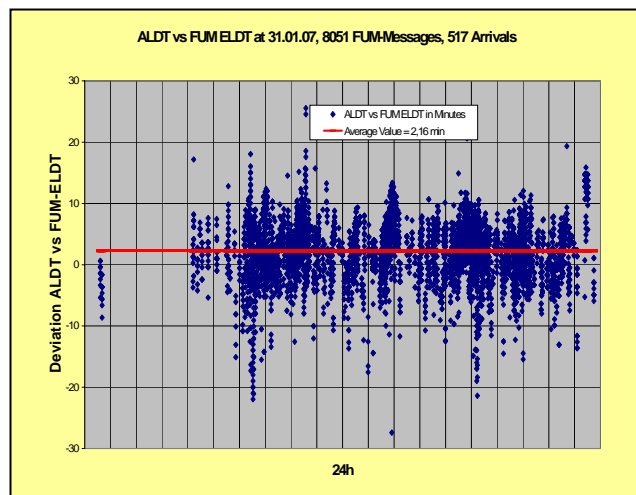
### Taxitime:



The graph above shows the general decrease of taxitimes over a longer trial period, related to the Airport CDM process. Benefits:

- Environment
- Cost
- Workload

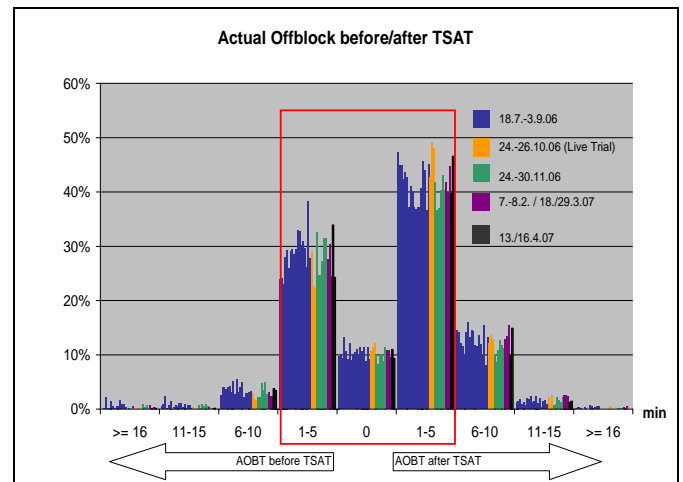
### Flight Update Messages:



The graph above shows the quality of the estimated landing time. Benefits:

- Connection In- and Outbound flight
- Gate and Positioning
- Ground resource Management

### Actual Offblock before / after TSAT:



The graph above shows the adherence to the Airport CDM procedure.

85% of Actual Offblock times are within a +/-5 minutes window around the Target Start Up Approval Time. Benefits:

- Stability of sequences
- Predictability
- Programmability for all relevant operational processes

### Publications

- AIP Germany, Volume II, AD2-EDDM, AD2.20, "Local Traffic Regulation"
- Brief Description "Airport CDM Munich", Version 4.0
- Flight Crew Briefing "Airport CDM Munich", Version 4.0

### What's next?

- Operation with CFMU ETFMS live system
- Transition from project phase into regular Airport CDM operations at 7<sup>th</sup> June 2007

### Information and Contacts

→ Peter Kanzler, Head of Apron Control

[airport-cdm@munich-airport.de](mailto:airport-cdm@munich-airport.de)

→ European Airport CDM Portal:

[www.euro-cdm.org](http://www.euro-cdm.org)

→ Munich Airport Website:

[www.munich-airport.de/cdm](http://www.munich-airport.de/cdm)