



# Airport CDM@FRA Information

Leaflet #11  
Oktober 2010

## Inhalt

- Lokale und UTC Zeit
- Flug- bzw. Flugverlaufsdaten (ICAO und IATA)
- Warmmeldungen
- Flugfortschritt (Status)
- TOBT Pflege (Eingabe, Anpassung, Löschung)
- TSAT Anzeige

## Abkürzungen

- TOBT (Target Off-Block Time)
- TSAT (Target Start-Up Approval Time)

## Airport-CDM Portal:



www.euro-cdm.org

## A-CDM@FRA Kontakt



Klaus.Wehle@dfs.de  
S.Hilger@fraport.de

## „Common Situational Awareness“ System

05:32 UTC FRA-Local User: Benennen Sie Ihren TOBT Verantwortlichen! Group: CSA Tool

Inbound Outbound

TOBT Eingabe TSAT Anzeige

FLIGHT	ARCID	REG	A/C	DEST	GATE	POS	SOBT	EOBT	TOBT	TSAT	AOBT	CTOT	RWY	SID	RESP	STATUS
LH 400	DLH400	DABTE	B744	JFK	A63	A23	08:50	08:51	08:50	08:50		09:12	18W	SOBRA1S	APR	PBR
LH 804	DLH804	DAECD	E190	DUS	A13	A13	08:30	08:30	08:45	08:50	08:53		25R	MARUN1F	TWR	DEP
LH 430	DLH430	DABVC	B744	ORD	C16	C16	08:40	08:40	08:50	08:50	08:55		25R	BIBT1G	APR	TXG
LO 360	LOT360	SPLIB	E170	GDN	C1	C2	08:50	08:50	08:50	08:50	10:56		25R	TOBAK2F	APR	TXG
KL 1766	KLM1766	PHKZB	F70	AMS	D24	V98	08:50	08:50	08:50	08:52	08:49		25R	MARUN1F	TWR	TXG
AA 071	AAL71	N786AN	B772	DFW	C4	C4	08:55	08:55	08:55	08:55	10:52		25R	BIBT1G	TWR	TXG
AC 873	ACA873	CFITW	B77W	YYZ	B46	B46	08:45	08:45	08:55	08:55	08:58		25R	BIBT1G	APR	PBG
DL 143	DAL143	N1607B	B763	DTW	D7	V113	08:50	08:50	08:50	08:55			25R	BIBT1G	APR	PBR
LH 440	DLH440	DABVK	B744	IAH	C14	C14	08:50	08:50	09:00	09:00			25R	BIBT1G	APR	SUG
BE 7074	BEE4HP	GJEDU	DH8D	BHX	D2	V110	09:00	09:00	09:00	09:00			25R	SOBRA1P	APR	SUG
BE 7262	BEE6CN	GJECI	DH8D	MAN	D3	V108	09:00	09:00	09:00	09:00			25R	SOBRA1P	GHD	RDY
UA 953	UAL953	N657UA	B763	IAD	A58	A18	09:00	09:00	08:55	09:00	08:59	09:23	18W	SOBRA1S	APR	PBG
LH 8392	GEC8392	DALCR	MD11	KJA	F214	F214	09:05	09:05	08:55	09:01	09:01	09:20	25R	TOBAK2J	APR	PBG
ET 802	DLH750	DAIKF	A333	CCU	B44	B44	08:50	08:50	09:00	09:03			18W	SULUS5S	TWR	SUR
ET 802	ETD002	AGEHH	A346	AUH	E6	E6	09:15	09:15	09:05	09:05			18W	SULUS5S	TWR	SUR
LH 3244	DLH3244	DABVN	B733	RIX	A16	A16	09:00	09:00	09:00	09:05		09:20	25R	TOBAK2F	APR	SUG
LH 3954	DLH1EP	DABIL	B733	LIN	A40	A40	09:10	09:10	09:10	09:10			18W	ANEK15L	GHD	SEQ
OS 122	AUA122N	OELBE	A321	VIE	B12	V163	09:10	09:10	09:10	09:10			18W	NOMBO4S	GHD	SEQ
PS 402	AUI402	URGAO	B734	KBP	E4	V115	09:10	09:10	09:10	09:20			18W	SULUS5S	GHD	SEQ
LH 598	DLH598	DAIGX	A343	ADD	B45	B45	09:05	09:05	09:05	09:20		09:40	18W	MARUN1F	GHD	SEQ
LH 756	DLH756	DAIHD	A346	MAA	B28	B28	09:05	09:05	09:15	09:24		09:40	18W	SOBRA1S	GHD	SEQ
DL 107	DAL107	N1612T	B763	JFK	D8	D8	09:20	09:20	09:20	09:25			25R	MARUN1F	GHD	SEQ
LH 3132	DLH4HW	DAIOC	A320	OSI	R10	R10	09:30	09:30	09:30	09:30			25R	MARUN1F	GHD	SEQ

Boarding Not Started: AT TOBT 1110 - 10 MINUTES BOARDING WAS NOT INITIATED, UPDATE TOBT IF NEEDED!

Warmmeldungen

A-CDM „Status“

## Informationsaustausch:

- TOBT – Pflege durch TOBT Verantwortlichen
- Warmmeldungen

## Nächste Leaflets:

- „TSAT“ Übermittlung ins Cockpit
- Probetrieb

## Projektzeitplan A-CDM@FRA:

### Derzeitige Aktivitäten:

- Abstimmung von Verfahren und Systemen
- Kommunikation
- Training für alle Partner

1. Quartal 2010 2. Quartal 2010 3. Quartal 2010 4. Quartal 2010 1. Quartal 2011

Systemanpassungen

Systemtests

Testphasen

www.cdm.frankfurt-airport.com

Regelbetrieb





# Airport CDM@FRA Information

Leaflet #11  
October 2010

## Content

- Local and UTC times
- Flight and flight progress data (ICAO und IATA)
- Alerting
- Flight progress (Status)
- TOBT management (input, update, deletion)
- Display of TSAT

## Acronyms

- TOBT (Target Off-Block Time)
- TSAT (Target Start-Up Approval Time)

## Airport-CDM Portal:



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

## A-CDM@FRA contacts



Klaus.Wehle@dfs.de  
S.Hilger@fraport.de

## „Common Situational Awareness“ Tool

05:32 UTC FRA-Local User: Name the person who is responsible for your TOBT! Group: CSA Tool

Input of TOBT → Display of TSAT

FLIGHT	ARCID	REG	A/C	DEST	GATE	POS	SOBT	EOBT	TOBT	TSAT	AOBT	CTOT	RWY	SID	RESP	STATUS
LH 400	DLH400	DABTE	B744	JFK	A63	A23	08:50	08:51	08:50	08:50		09:12	18W	SOBRA1S	APR	PBR
LH 804	DLH804	DAECD	E190	DUS	A13	A13	08:30	08:30	08:45	08:50	08:53		25R	MARUN1F	TWR	DEP
LH 430	DLH430	DABVC	B744	ORD	C16	C16	08:40	08:40	08:50	08:50	08:55		25R	BIBT1G	APR	TXG
LO 360	LOT360	SPLIB	E170	GDN	C1	C2	08:50	08:50	08:50	08:50	10:56		25R	TOBAK2F	APR	TXG
KL 1766	KLM1766	PHKZB	F70	AMS	D24	V98	08:50	08:50	08:50	08:52	08:49		25R	MARUN1F	TWR	TXG
AA 071	AAL71	N786AN	B772	DFW	C4	C4	08:55	08:55	08:55	08:55	10:52		25R	BIBT1G	TWR	TXG
AC 873	ACA873	CFITW	B77W	YYZ	B46	B46	08:45	08:45	08:55	08:55	08:58		25R	BIBT1G	APR	PBG
DL 143	DAL143	N1607B	B763	DTW	D7	V113	08:50	08:50	08:50	08:55			25R	BIBT1G	APR	PBR
LH 440	DLH440	DABVK	B744	IAH	C14	C14	08:50	08:50	09:00	09:00			25R	BIBT1G	APR	SUG
BE 7074	BEE4HP	GJEDU	DH8D	BHX	D2	V110	09:00	09:00	09:00	09:00			25R	SOBRA1P	APR	SUG
BE 7262	BEE6CN	GJECI	DH8D	MAN	D3	V108	09:00	09:00	09:00	09:00			25R	SOBRA1P	GHD	RDY
UA 953	UAL953	N657UA	B763	IAD	A58	A18	09:00	09:00	08:55	09:00	08:59	09:23	18W	SOBRA1S	APR	PBG
LH 8392	GEC8392	DALCR	MD11	KJA	F214	F214	09:05	09:05	08:55	09:01	09:01	09:20	25R	TOBAK2J	APR	PBG
ET 602	DLH750	DAIKF	A333	CCU	B44	B44	08:50	08:50	09:00	09:03			18W	SULUS5S	TWR	SUR
ET 602	ETD002	AGEHH	A346	AUH	E6	E6	09:15	09:15	09:05	09:05			18W	SULUS5S	TWR	SUR
LH 3244	DLH3244	DABVN	B733	RIX	A16	A16	09:00	09:00	09:00	09:05		09:20	25R	TOBAK2F	APR	SUG
LH 3954	DLH1EP	DABIL	B733	LIN	A40	A40	09:10	09:10	09:10	09:10			18W	ANEK5L	GHD	SEQ
OS 122	AUA122N	OELBE	A321	VIE	B12	V163	09:10	09:10	09:10	09:10			18W	NOMBO4S	GHD	SEQ
PS 402	AUI402	URGAO	B734	KBP	E4	V115	09:10	09:10	09:10	09:20			18W	SULUS5S	GHD	SEQ
LH 3244	DLH3244	DABVN	B733	RIX	A16	A16	09:00	09:00	09:00	09:05		09:20	25R	MARUN1F	GHD	SEQ
LH 598	DLH598	DAIGX	A343	ADD	B45	B45	09:05	09:05	09:05	09:23		09:40	18W	SOBRA1S	GHD	RDY
LH 758	DLH758	DABND	A346	MAA	B28	B28	09:05	09:05	09:15	09:24		09:40	18W	SOBRA1S	GHD	SEQ
DL 107	DAL107	N1612T	B763	JFK	D8	D8	09:20	09:20	09:20	09:25			25R	SOBRA1S	GHD	SEQ
LH 3132	DLH4HW	DAIOC	A320	OSI	R10	R10	09:30	09:30	09:30	09:30			25R	MARUN1F	GHD	SEQ

Alerting

Boarding Not Started: AT TOBT 1110 - 10 MINUTES  
BOARDING WAS NOT INITIATED, UPDATE TOBT IF NEEDED!

A-CDM „Status“

## Information sharing:

- Management of TOBT by person who is responsible
- Alerting

## Leaflets to follow:

- „TSAT“ channels for cockpit
- Trial Phase

## A-CDM@FRA project schedule:

1st quarter 2010   2nd quarter 2010   3rd quarter 2010   4th quarter 2010   1st quarter 2011

### Ongoing activities:

- Fine tuning of procedure and systems
- Communication
- Training for all partners

System adaptation phase

System Tests

Trial Phase

[www.cdm.frankfurt-airport.com](http://www.cdm.frankfurt-airport.com)

Operation

