



# Airport CDM@FRA

## Information

Leaflet #10  
Oktober 2010

### Einflüsse

- lokale Einflüsse (operationelle Abflugkapazität)
- Netzwerkeinflüsse (CTOT)
- Airline Verpflichtung (TOBT)
- Airport CDM Verpflichtung (TSAT)

### Abkürzungen

- N\*ICE (Enteisungsfirma)
- CTOT (Calculated Take-Off Time)
- ECZT (Estimated Commencement of De-Icing Time)
- EDIT (Estimated De-Icing Time)
- 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 Kontakt



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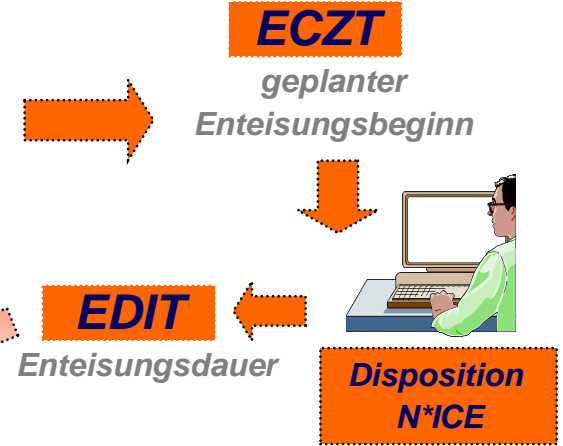
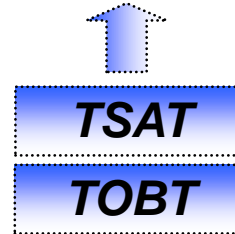


operationelle  
Abflugkapazität

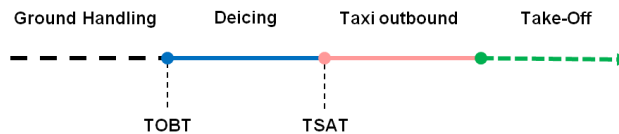


CTOT

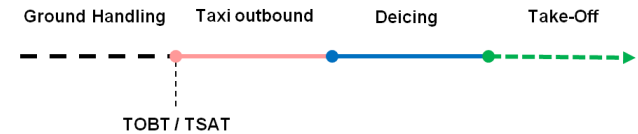
### „Enteisung“



### Positions-Enteisung



### Remote-Enteisung



### Erwartungen an den Ablauf der Enteisung:

- Stabilere Planung (TOBT = früheste ECZT)
- Keine unnötigen Enteisungen (Kapazität bzw. CTOT)

### Nächste Leaflets:

- „Common Situational Awareness“ System
- „TSAT“ Übermittlung ins Cockpit
- Probebetrieb

### Projektzeitplan A-CDM@FRA:

1. Quartal 2010	2. Quartal 2010	3. Quartal 2010	4. Quartal 2010	1. Quartal 2011
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### Derzeitige Aktivitäten:

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

Systemanpassungen

Systemtests

Testphasen

Regelbetrieb

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





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## Information

**Leaflet #10**  
October 2010

### Impact

- Local influences (operational departure capacity)
- Network influences (CTOT)
- Airline Commitment (TOBT)
- Airport CDM Commitment (TSAT)

### Acronyms

- N\*ICE (De-Icing company)
- CTOT (Calculated Take-Off Time)
- ECZT (Estimated Commencement of De-Icing Time)
- EDIT (Estimated De-Icing Time)
- TOBT (Target Off-Block Time)
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operational departure capacity



CTOT

## „De-Icing / Anti-Icing“



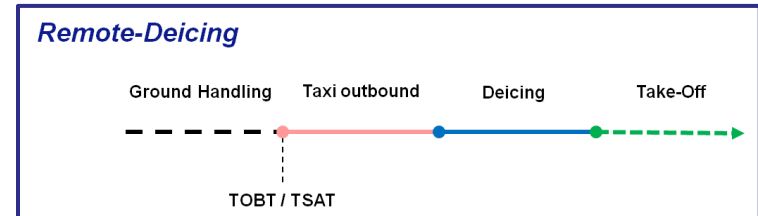
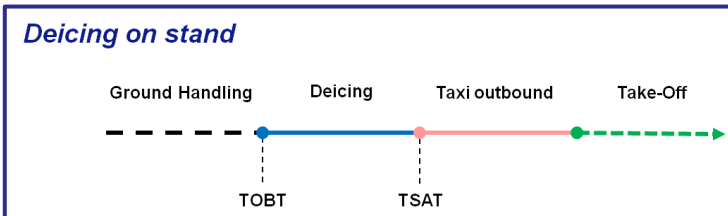
**ECZT**  
Estimated De-Icing Begin



**EDIT**  
De-Icing duration

**Allocation N\*ICE**

**TSAT**  
**TOBT**



### Expectations on the De-Icing procedure:

- more stable planning (TOBT = earliest ECZT)
- no unnecessary De-Icing (e.g. capacity or CTOT)

### Leaflets to follow:

- „Common Situational Awareness“ Tool
- „TSAT“ channels for cockpit
- Trial phase

### A-CDM@FRA contacts



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### A-CDM@FRA project schedule:

1st quarter 2010	2nd quarter 2010	3rd quarter 2010	4th quarter 2010	1st quarter 2011
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### Ongoing activities:

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

System adaptation phase

System Tests

Trial Phase

Operation

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