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MIL AIP DENMARK

AIRAC Cycle: 2312
Eff. 30 NOV 2023
Amendment No. 253

This AIRAC AMDT contains the following changes:

GEN 0.1	Rewording.
GEN 0.4	Checklist updated.
GEN 0.5	LFCW added to correction table. TFC-L removed. Add new symbol for wind turbines, Sønder Rind. Change symbol for VORTAC, SKRYDSTRUP - SKR Change FREQ for KASTRUP Tower and KØBENHAVN/KASTRUP Tower. Change FREQ for ROSKILDE Tower and KØBENHAVN/ROSKILDE Tower
GEN 2.2	Abbreviations added.
GEN 2.5	SKR VOR withdrawn.
GEN 2.7	Sunrise/Sunset Tables changed.
GEN 3.2	LFCW added to AIP. Chart descriptions updated.
ENR 2.1	Frequency changed for Roskilde Approach.
ENR 2.2	Frequencies changed for Kastrup Tower.
ENR 2.3	Frequency changed for Roskilde Approach.
ENR 3.4	KY615 track corrected.
ENR 4.1	SKR VOR withdrawn.
ENR 5.1	ACC KØBENHAVN added in remarks for EK R53, EK R78, EK R79, EK R80 and EK R81.
ENR 5.3	DEBBI and STORMY renamed KYLIE and EMILY.
ENR 5.4	Changes to ELEV and HGT AGL for Asnæsøværket 3. Sønder Rind, 3 wind turbines added. Editorial.
EKSP AD 2	SKR VOR withdrawn.

INSERT THE FOLLOWING PAGES:

GEN	
GEN 0.4-1/	30 NOV 2023
GEN 0.4-2	30 NOV 2023
GEN 0.4-3/	30 NOV 2023
GEN 0.4-4	30 NOV 2023
GEN 0.4-5	30 NOV 2023
GEN 0.5-1/	24 FEB 2022
GEN 0.5-2	30 NOV 2023
GEN 0.5-3	30 NOV 2023
GEN 2.2-1/	10 AUG 2023
GEN 2.2-2	30 NOV 2023
GEN 2.2-3/	10 AUG 2023
GEN 2.2-4	30 NOV 2023
GEN 2.5-1/	24 FEB 2022
GEN 2.5-2	30 NOV 2023

DESTROY THE FOLLOWING PAGES:

GEN	
GEN 0.4-1/	02 NOV 2023
GEN 0.4-2	02 NOV 2023
GEN 0.4-3/	02 NOV 2023
GEN 0.4-4	02 NOV 2023
GEN 0.4-5	02 NOV 2023
GEN 0.5-1/	24 FEB 2022
GEN 0.5-2	02 NOV 2023
GEN 0.5-3/	13 JUL 2023
GEN 2.2-1/	10 AUG 2023
GEN 2.2-2	19 MAY 2022
GEN 2.2-3/	10 AUG 2023
GEN 2.2-4	05 OCT 2023
GEN 2.5-1/	24 FEB 2022
GEN 2.5-2	24 FEB 2022

INSERT THE FOLLOWING PAGES:

GEN 2.5-5/	30 NOV 2023
GEN 2.7-1/	30 NOV 2023
GEN 2.7-2	30 NOV 2023
GEN 2.7-3/	30 NOV 2023
GEN 2.7-4	30 NOV 2023
GEN 2.7-5/	30 NOV 2023
GEN 2.7-6	30 NOV 2023
GEN 2.7-7/	30 NOV 2023
GEN 2.7-8	30 NOV 2023
GEN 2.7-9/	30 NOV 2023
GEN 2.7-10	30 NOV 2023
GEN 3.2-1	30 NOV 2023

ENR

ENR 2.1-7	30 NOV 2023
ENR 2.2-1/	30 NOV 2023
ENR 2.2-2	02 NOV 2023
ENR 2.3-4	30 NOV 2023
ENR 3.4-1/	24 FEB 2022
ENR 3.4-2	30 NOV 2023
ENR 4.1-1/	05 OCT 2023
ENR 4.1-2	30 NOV 2023
ENR 5.1-11/	30 NOV 2023
ENR 5.1-12	30 NOV 2023
ENR 5.1-13/	30 NOV 2023
ENR 5.1-14	23 MAR 2023
ENR 5.3-5	30 NOV 2023
ENR 5.4-1/	10 AUG 2023
ENR 5.4-2	30 NOV 2023
ENR 5.4-13/	30 NOV 2023
ENR 5.4-14	30 NOV 2023
ENR 5.4-15/	30 NOV 2023
ENR 5.4-16	10 AUG 2023

**AD
EKSP**

AD 2.1-7/	26 JAN 2023
AD 2.1-8	30 NOV 2023

DESTROY THE FOLLOWING PAGES:

GEN 2.5-5/	11 AUG 2022
GEN 2.7-1/	01 DEC 2022
GEN 2.7-2	01 DEC 2022
GEN 2.7-3/	01 DEC 2022
GEN 2.7-4	01 DEC 2022
GEN 2.7-5/	01 DEC 2022
GEN 2.7-6	01 DEC 2022
GEN 2.7-7/	01 DEC 2022
GEN 2.7-8	01 DEC 2022
GEN 2.7-9/	01 DEC 2022
GEN 2.7-10	01 DEC 2022
GEN 2.7-11	01 DEC 2022
GEN 3.2-1	16 JUN 2022

ENR

ENR 2.1-7	23 MAR 2023
ENR 2.2-1/	02 NOV 2023
ENR 2.2-2	02 NOV 2023
ENR 2.3-4	02 NOV 2023
ENR 3.4-1/	24 FEB 2022
ENR 3.4-2	02 NOV 2023
ENR 4.1-1/	05 OCT 2023
ENR 4.1-2	05 OCT 2023
ENR 5.1-11/	23 MAR 2023
ENR 5.1-12	23 MAR 2023
ENR 5.1-13/	23 MAR 2023
ENR 5.1-14	23 MAR 2023
ENR 5.3-5	16 JUN 2022
ENR 5.4-1/	10 AUG 2023
ENR 5.4-2	24 FEB 2022
ENR 5.4-13/	05 OCT 2023
ENR 5.4-14	05 OCT 2023
ENR 5.4-15/	10 AUG 2023
ENR 5.4-16	10 AUG 2023

**AD
EKSP**

AD 2.1-7/	26 JAN 2023
AD 2.1-8	10 AUG 2023

END

GEN 0 – GENERAL (GEN)**GEN 0****GEN 0.1 PREFACE****1. Publishing authority.**

The Military Aeronautical Information Publication (MIL AIP) is published by the authority of the Chief of Defence Denmark.

MIL AIM of the Air Command Denmark is responsible for the contents of this document.

2. Applicable documents.

As far as practically possible, this AIP is prepared in accordance with ICAO Annex 15 and applicable NATO STANAGs.

3. The structure and amendment interval.**The AIP structure.**

The MIL AIP forms part of the Military Integrated Information Package, details of which are given in subsection 3.1 item 3.

The principal AIP structure is shown in graphic form in GEN 0.1-4. The MIL AIP is made up of 3 parts - General (GEN), Enroute (ENR) and Aerodromes (AD), each divided into sections and subsections as applicable, each containing various types of information subjects.

PART 1 - General (GEN)

Part 1 consists of five sections, containing information as briefly described hereafter.

GEN 0 Preface

Record of AIP Amendments; Checklist of AIP pages; List of hand amendments to the AIP and associated charts and the table of contents to Part 1.

GEN 1 National regulations and requirements.

Designated authorities; Admission, entry, transit of aircraft.

GEN 2 Tables and codes

Measuring system, aircraft markings, holidays; Abbreviations used in AIS publications; Chart symbols; Location indicators; List of radio navigation aids; Conversion tables; and Sunrise/Sunset tables.

GEN 3 Services

Aeronautical Information Management; Aeronautical charts; Air traffic services; Communication services; Meteorological services; and Search and Rescue.

GEN 4 Charges for aerodromes/heliports and air navigation services

Not applicable.

Part 2 - En route

Part 2 consists of seven sections containing information as briefly described hereafter.

ENR 0 Preface

Table of contents to Part 2.

ENR 1 General rules and procedures

General rules; Visual flight rules; Instrument flight rules; ATS airspace classification; Holding, approach and departure procedures; Radar services and procedures; Altimeter setting procedures; Regional supplementary procedures; Air traffic flow management; Flight planning;

ENR 2 Air Traffic Services Airspace

Detailed descriptions of Flight Information Region(s) (FIR), Upper Flight Information Region(s) (UIR), Terminal Control Areas (TMA) and other ATS regulated air space.

ENR 3 ATS routes

Detailed description of Lower RNAV routes; Upper routes; Helicopter routes; TACAN routes; and En Route holding.

NOTE:

Other types of routes, which are specified in connection with procedures for traffic to and from aerodromes/heliports, are described in the relevant sections and subsections of Part 3 - Aerodromes.

ENR 4 Radio navigation aids/systems

Radio navigation aids - En Route; Special navigation systems; Name-code designators for significant points; and Aeronautical ground lights en-route.

ENR 5 Navigation warnings

Prohibited, restricted and danger areas; Military exercise and training areas; Other activities of a dangerous nature; Air navigation obstacles - En Route; Aerial sporting and recreational activities; and Bird migration and areas with sensitive fauna.

ENR 6 En-route charts

En Route charts - ICAO and index charts.

GEN 0.4 CHECKLIST OF AIP PAGES

PAGE	DATE	PAGE	DATE
GEN		2.5-5	30 NOV 2023
GEN0		2.6-1	24 FEB 2022
0.1-1	30 NOV 2023	2.6-2	24 FEB 2022
0.1-2	24 FEB 2022	2.6-3	24 FEB 2022
0.1-3	26 JAN 2023	2.7-1	30 NOV 2023
0.1-4	24 FEB 2022	2.7-2	30 NOV 2023
0.2-1	24 FEB 2022	2.7-3	30 NOV 2023
0.3-1	19 MAY 2022	2.7-4	30 NOV 2023
0.4-1	02 NOV 2023	2.7-5	30 NOV 2023
0.4-2	02 NOV 2023	2.7-6	30 NOV 2023
0.4-3	02 NOV 2023	2.7-7	30 NOV 2023
0.4-4	02 NOV 2023	2.7-8	30 NOV 2023
0.4-5	02 NOV 2023	2.7-9	30 NOV 2023
0.5-1	24 FEB 2022	2.7-10	30 NOV 2023
0.5-2	30 NOV 2023	2.8-1	24 FEB 2022
0.5-3	30 NOV 2023	2.8-2	24 FEB 2022
0.6-1	24 FEB 2022	2.8-3	24 FEB 2022
0.6-2	24 FEB 2022	2.8-4	24 FEB 2022
		2.8-5	21 APR 2022
GEN1		2.9-1	24 FEB 2022
1.1-1	24 FEB 2022	2.10-1	24 FEB 2022
1.2-1	24 FEB 2022		
1.2-2	24 FEB 2022	GEN3	
1.3-1	16 JUN 2022	3.1-1	24 FEB 2022
1.7-1	24 FEB 2022	3.2-1	30 NOV 2023
1.7-2	24 MAR 2022	3.3-1	24 FEB 2022
		3.3-2	24 FEB 2022
GEN2		3.4-1	24 FEB 2022
2.1-1	24 FEB 2022	3.4-2	24 FEB 2022
2.1-2	24 FEB 2022	3.4-3	24 FEB 2022
2.2-1	10 AUG 2023	3.5-1	24 FEB 2022
2.2-2	30 NOV 2023	3.5-2	26 JAN 2023
2.2-3	10 AUG 2023	3.6-1	19 MAY 2022
2.2-4	30 NOV 2023	3.6-2	24 FEB 2022
2.2-5	10 AUG 2023	3.6-3	24 FEB 2022
2.2-6	24 FEB 2022	3.6-4	24 FEB 2022
2.2-7	10 AUG 2023	3.6-5	11 AUG 2022
2.2-8	24 FEB 2022		
2.3-1	24 FEB 2022	GEN4	
2.4-1	05 OCT 2023	Not used	
2.4-2	05 OCT 2023		
2.4-3	15 JUN 2023		
2.5-1	24 FEB 2022		
2.5-2	30 NOV 2023		
2.5-3	11 AUG 2022		
2.5-4	24 FEB 2022		

PAGE	DATE	PAGE	DATE
ENR		ENR2	
ENR0		2.1-1	24 FEB 2022
0.1-1	24 FEB 2022	2.1-2	23 MAR 2023
0.1-2	05 OCT 2023	2.1-3	02 NOV 2023
0.1-3	24 FEB 2022	2.1-4	02 NOV 2023
		2.1-5	23 MAR 2023
ENR1		2.1-6	23 MAR 2023
1.1-1	24 FEB 2022	2.1-7	30 NOV 2023
1.1-2	24 MAR 2022	2.2-1	30 NOV 2023
1.1-3	24 FEB 2022	2.2-2	02 NOV 2023
1.1-4	21 APR 2022	2.2-3	02 NOV 2023
1.2-1	24 FEB 2022	2.3-1	24 MAR 2022
1.2-2	24 FEB 2022	2.3-2	24 MAR 2022
1.3-1	21 APR 2022	2.3-3	11 AUG 2022
1.4-1	24 FEB 2022	2.3-4	30 NOV 2023
1.4-2	24 MAR 2022	2.3-5	19 MAY 2022
1.5-1	21 APR 2022	2.3-6	20 APR 2023
1.6-1	24 FEB 2022	2.3-7	18 MAY 2023
1.6-2	24 FEB 2022		
1.7-1	24 FEB 2022	ENR3	
1.7-2	24 FEB 2022	3.0-1	24 FEB 2022
1.7-3	11 AUG 2022	3.1-1	24 FEB 2022
1.8-1	24 FEB 2022	3.2-1	24 FEB 2022
1.9-1	24 FEB 2022	3.3-1	24 FEB 2022
1.9-2	19 MAY 2022	3.3-2	24 FEB 2022
1.9-3	24 FEB 2022	3.3-3	24 FEB 2022
1.9-4	07 SEP 2023	3.3-4	24 FEB 2022
1.9-5	11 AUG 2022	3.3-5	24 FEB 2022
1.9-6	11 AUG 2022	3.3-6	24 FEB 2022
1.10-1	05 OCT 2023	3.3-7	24 FEB 2022
1.10-2	24 FEB 2022	3.3-8	24 FEB 2022
1.10-3	24 FEB 2022	3.3-9	24 FEB 2022
1.10-4	24 FEB 2022	3.3-10	24 FEB 2022
1.10-5	24 FEB 2022	3.3-11	24 FEB 2022
1.10-6	24 FEB 2022	3.3-12	24 MAR 2022
1.10-7	24 FEB 2022	3.3-13	24 MAR 2022
1.10-8	24 FEB 2022	3.3-14	24 MAR 2022
1.10-9	24 FEB 2022	3.3-15	24 FEB 2022
1.10-10	24 FEB 2022	3.3-16	24 FEB 2022
1.10-11	24 FEB 2022	3.3-17	24 FEB 2022
1.10-12	24 FEB 2022	3.3-18	24 MAR 2022
1.10-13	24 FEB 2022	3.3-19	24 FEB 2022
1.10-14	24 FEB 2022	3.3-20	24 FEB 2022
1.10-15	24 FEB 2022	3.3-21	24 FEB 2022
1.10-16	24 FEB 2022	3.3-22	24 FEB 2022
1.10-17	24 FEB 2022	3.4-1	24 FEB 2022
1.10-18	24 FEB 2022	3.4-2	30 NOV 2023
1.11-1	20 APR 2023	3.4-3	02 NOV 2023
1.11-2	24 FEB 2022	3.4-4	02 NOV 2023
		3.4-5	02 NOV 2023
		3.4-6	02 NOV 2023

PAGE	DATE	PAGE	DATE
3.4-7	02 NOV 2023	5.1-20	23 MAR 2023
3.4-8	02 NOV 2023	5.2-1	05 OCT 2023
3.4-9	02 NOV 2023	5.2-2	05 OCT 2023
3.4-10	02 NOV 2023	5.2-3	07 SEP 2023
3.4-11	02 NOV 2023	5.2-4	24 FEB 2022
3.4-12	02 NOV 2023	5.2-5	24 MAR 2022
3.4-13	02 NOV 2023	5.2-6	24 FEB 2022
3.4-14	02 NOV 2023	5.2-7	16 JUN 2022
3.5-1	24 FEB 2022	5.2-9	24 FEB 2022
3.5-2	16 JUN 2022	5.2-10	24 FEB 2022
3.6-1	24 FEB 2022	5.2-11	24 FEB 2022
		5.3-1	24 FEB 2022
ENR4		5.3-2	02 NOV 2023
4.1-1	05 OCT 2023	5.3-3	24 FEB 2022
4.1-2	30 NOV 2023	5.3-4	24 FEB 2022
4.2-1	24 FEB 2022	5.3-5	30 NOV 2023
4.3-1	24 FEB 2022	5.4-1	10 AUG 2023
4.4-1	24 FEB 2022	5.4-2	30 NOV 2023
4.4-2	24 FEB 2022	5.4-3	02 NOV 2023
4.4-3	24 FEB 2022	5.4-4	10 AUG 2023
4.4-4	24 FEB 2022	5.4-5	10 AUG 2023
4.4-5	24 FEB 2022	5.4-6	10 AUG 2023
4.4-6	24 FEB 2022	5.4-7	10 AUG 2023
4.4-7	03 NOV 2022	5.4-8	14 JUL 2022
4.4-8	24 FEB 2022	5.4-9	14 JUL 2022
4.4-9	24 FEB 2022	5.4-10	14 JUL 2022
4.4-10	24 MAR 2022	5.4-11	05 OCT 2023
4.4-11	24 FEB 2022	5.4-12	05 OCT 2023
4.4-12	24 FEB 2022	5.4-13	30 NOV 2023
4.5-1	15 JUN 2023	5.4-14	30 NOV 2023
		5.4-15	30 NOV 2023
ENR5		5.4-16	10 AUG 2023
5.1-1	24 FEB 2022	5.4-17	02 NOV 2023
5.1-2	24 FEB 2022	5.4-18	10 AUG 2023
5.1-3	24 FEB 2022	5.4-19	10 AUG 2023
5.1-4	03 NOV 2022	5.4-20	10 AUG 2023
5.1-5	23 MAR 2023	5.5-1	24 FEB 2022
5.1-6	23 MAR 2023	5.5-2	24 FEB 2022
5.1-7	23 MAR 2023	5.5-3	24 FEB 2022
5.1-8	23 MAR 2023	5.5-4	24 FEB 2022
5.1-9	23 MAR 2023	5.5-5	24 FEB 2022
5.1-10	23 MAR 2023	5.5-6	24 FEB 2022
5.1-11	30 NOV 2023	5.5-7	24 FEB 2022
5.1-12	30 NOV 2023	5.5-8	24 FEB 2022
5.1-13	30 NOV 2023	5.5-9	24 FEB 2022
5.1-14	23 MAR 2023	5.5-10	24 FEB 2022
5.1-15	23 MAR 2023	5.5-11	15 JUN 2023
5.1-16	23 MAR 2023	5.6-1	24 FEB 2022
5.1-17	23 MAR 2023	5.6-2	24 FEB 2022
5.1-18	23 MAR 2023	5.6-3	24 MAR 2022
5.1-19	23 MAR 2023		

PAGE	DATE	PAGE	DATE
ENR6			
6.1-1	24 FEB 2022	AD 2.1-4	24 FEB 2022
AD		AD 2.1-5	24 FEB 2022
AD0		AD 2.1-6	24 FEB 2022
0.1-1	24 FEB 2022	AD 2.1-7	26 JAN 2023
0.1-2	24 FEB 2022	AD 2.1-8	30 NOV 2023
AD1		AD 2.1-9	24 FEB 2022
1.1-1	24 FEB 2022	AD 2.1-10	24 FEB 2022
1.2-1	24 FEB 2022	AD 2.1-11	26 JAN 2023
1.2-2	23 FEB 2023	ADC	05 OCT 2023
AD2		AOC-A RWY 10L	13 JUL 2023
2.0-1	24 FEB 2022	AOC-A RWY 28R	13 JUL 2023
2.0-2	24 FEB 2022	APDC	24 FEB 2022
2.0-3	24 FEB 2022	VAC	24 FEB 2022
EKKA		NAC	24 FEB 2022
AD 2.1-1	23 MAR 2023	Glider Areas in TMA	18 MAY 2023
AD 2.1-2	24 FEB 2022	ILS or LOC RWY 10L	18 MAY 2023
AD 2.1-3	26 JAN 2023	ILS or LOC Z 10L	18 MAY 2023
AD 2.1-4	18 MAY 2023	HI-VORTAC 10L	18 MAY 2023
AD 2.1-5	24 FEB 2022	VORTAC 10L	18 MAY 2023
AD 2.1-6	24 FEB 2022	RNP RWY 10L	18 MAY 2023
AD 2.1-7	23 MAR 2023	WP LIST RWY 10L	26 JAN 2023
AD 2.1-8	24 FEB 2022	ILS or LOC 28R	18 MAY 2023
AD 2.1-9	26 JAN 2023	ILS or LOC Z 28R	18 MAY 2023
AD 2.1-10	24 FEB 2022	HI-VORTAC 28R	18 MAY 2023
ADC	13 JUL 2023	VORTAC 28R	18 MAY 2023
AOC-A 09R	13 JUL 2023	RNP RWY 28R	18 MAY 2023
PATC 27L	13 JUL 2023	WP LIST RWY 28R	26 JAN 2023
VAC	24 FEB 2022	EKYT	
Glider Areas in TMA	05 OCT 2023	AD 2.1-1	18 MAY 2023
ILS or LOC 09R	07 SEP 2023	AD 2.1-2	18 MAY 2023
COPTER ILS or LOC 09R	23 MAR 2023	AD 2.1-3	24 FEB 2022
COPTER TACAN 09R	18 MAY 2023	AD 2.1-4	18 MAY 2023
HI-TACAN 09R	23 MAR 2023	AD 2.1-5	05 OCT 2023
RNP RWY 09R	07 SEP 2023	AD 2.1-6	02 NOV 2023
WP LIST RWY 09R	26 JAN 2023	AD 2.1-7	10 AUG 2023
ILS or LOC 27L	07 SEP 2023	AD 2.1-8	02 NOV 2023
COPTER ILS or LOC 27L	07 SEP 2023	AD 2.1-9	05 OCT 2023
COPTER TACAN 27L	07 SEP 2023	ADC	02 NOV 2023
HI-TACAN 27L	23 MAR 2023	GMC	15 JUN 2023
RNP RWY 27L	07 SEP 2023	AOC-A 08L	23 FEB 2023
WP LIST RWY 27L	26 JAN 2023	PATC 26R	23 FEB 2023
EKSP		VAC	01 DEC 2022
AD 2.1-1	23 MAR 2023	NAC	26 JAN 2023
AD 2.1-2	24 FEB 2022	VFR-08L	26 JAN 2023
AD 2.1-3	07 SEP 2023	VFR-26R	26 JAN 2023
		ILS or LOC 08L	02 NOV 2023
		HI-TACAN 08L	02 NOV 2023
		TACAN 08L (CAT A-B)	02 NOV 2023
		TACAN 08L (CAT C-E)	02 NOV 2023

PAGE**DATE**

RNP RWY 08L	02 NOV 2023
WP LIST RWY 08L	26 JAN 2023
ILS or LOC 26R (CAT A-B)	02 NOV 2023
ILS or LOC 26R (CAT C-E)	02 NOV 2023
HI-VORTAC 26R	02 NOV 2023
VORTAC 26R (CAT A-B)	02 NOV 2023
VORTAC 26R (CAT C-E)	02 NOV 2023
RNP RWY 26R	02 NOV 2023
WP LIST RWY 26R	26 JAN 2023

AD 3**BGNO**

AD 3.1-1	26 JAN 2023
AD 3.1-2	03 NOV 2022
AD 3.1-3	06 OCT 2022
AD 3.1-4	05 OCT 2023
AD 3.1-5	06 OCT 2022
ADC	05 OCT 2023
NDB RWY 19	26 JAN 2023
RNP RWY 19	05 OCT 2023
WP LIST RWY 19	26 JAN 2023

BGMV

AD 3.1-1	24 FEB 2022
AD 3.1-2	24 FEB 2022
AD 3.1-3	21 APR 2022
AD 3.1-4	06 OCT 2022
AD 3.1-5	24 FEB 2022
AD 3.1-6	26 JAN 2023
ADC	26 JAN 2023
RNP RWY 32	26 JAN 2023
WP LIST RWY 32	26 JAN 2023

CHARTS

LFC 1:500.000 Ed. 46	23 MAR 2023
LFCW 1:500.000 Ed. 3	23 MAR 2023
ANC 1:250.000 CPH AREA	20 APR 2023

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GEN 0.5 List of Hand Amendments to the AIP

1. Text Page Amendments		

2. Corrections to Charts,

Affected Chart	Location	AMD No.
LFC Ed. 46 LFCW Ed. 3	Change Kolding/Vamdrup FREQ from 120.500 to 118.650.	AMD 246
LFCW Ed. 3	Add name of significant point: SISPU at 561112N 0070000E and NIROX at 555830N 00070000E.	AMD 246
LFC Ed. 46 LFCW Ed. 3	Delete symbols for "Glider site" and "Parachuting takes place frequently" as Glider and parachuting site "Sydfyn/Tåsinge" is withdrawn.	AMD 247
LFC Ed. 46 LFCW Ed. 3	Change LEMVIG Radio FREQ from 123.500 to 123.405.	AMD 249
LFC Ed. 46 LFCW Ed. 3	Change obstacle "Aarhus, Lighthouse" it shall now read: Type: Building, ELEV 506 FT, PSN: 56 09 56N 010 13 55E.	AMD 249
LFC Ed. 46 LFCW Ed. 3	Change "Length of longest runway" to 58.89 for Sønderborg.	AMD 249
LFC Ed. 46	Change LOLLAND FALSTER/MARIBO Radio FREQ from 130.575 to 130.580.	AMD 251
LFC Ed. 46 LFCW Ed. 3	Add symbol for "Wind turbine and group. Lighted", Nørre Nebel, Sdr. Bork, 5 wind turbines, 594FT MSL, 591FT AGL, LIM FLG W, LIM FLG R PSN: 55 48 34N 008 15 18E, 55 48 28N 008 15 42E, 55 48 22N 008 16 06E, 55 48 17N 008 16 29E, 55 48 11N 008 16 51E.	AMD 251
LFC Ed. 46 LFCW Ed. 3	Change Esbjerg Information Radio FREQ from 120.150 to 120.155.	AMD 252
LFC Ed. 46 LFCW Ed. 3	Change AALBORG Approach FREQ from 123.975 to 123.980 for AALBORG LTA and TMA. Change AALBORG Tower FREQ from 118.300 to 118.305.	AMD 252
LFC Ed. 46 CAC Ed. 42	Add symbol for Air Navigation obstacle with flare stack. Avoid overflying below 2000FT. Everdrup, PSN 55 12 37N 011 59 08E.	AMD 252
LFC Ed. 46 LFCW Ed. 3	Change Copenhagen Information FREQs from 127.075 to 127.080, from 129.475 to 129.480 and from 124.000 to 124.005.	AMD 252
CAC Ed. 42	Change Copenhagen Information FREQs from 127.075 to 127.080 and from 129.475 to 129.480.	AMD 252
LFC Ed. 46 LFCW Ed. 3	Change AARHUS Approach FREQ from 119.275 to 119.280 for AARHUS LTA and TMA. Change AARHUS Tower FREQ from 118.525 to 118.530. Change "Length of longest runway" from 91.09 to 91.24 for AARHUS.	AMD 252
LFC Ed. 46 LFCW Ed. 3	Add symbol for "Wind turbine group. Lighted", Sønder Rind, 3 wind turbines, 581 FT MSL, 492 FT AGL, LIL F R. PSN: 562205N 0092713E, 562208N 0092652E, 562211N 0092632E.	AMD 253
LFC Ed. 46 LFCW Ed. 3	Change symbol for "VORTAC" to "TACAN" for SKRYDSTRUP - SKR.	AMD 253
LFC Ed. 46	Change KASTRUP Tower FREQ from 118.700 to 118.705.	AMD 253

CAC Ed. 42	Change KØBENHAVN/KASTRUP Tower FREQ from 118.700 to 118.705.	AMD 253
LFC Ed. 46	Change ROSKILDE Tower FREQ from 118.900 to 118.905.	AMD 253
CAC Ed. 42	Change KØBENHAVN/ROSKILDE Tower FREQ from 118.900 to 118.905.	AMD 253

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GEN 2.2 ABBREVIATIONS**A**

A Airspace Classification ID
 A/A Air-to-Air
 AAL Above Aerodrome Level
 ABM Abeam
 ABN Aerodrome Beacon
 ACARS Aircraft Communication
 Addressing and Reporting
 System
 ACAS Airborne Collision Avoidance
 System
 ACC Area Control Centre
 ACFT Aircraft
 ACL Altimeter Check Location
 ACN Aircraft Classification Number
 AD Aerodrome
 ADC Aerodrome chart
 ADF Automatic Direction
 Finding equipment
 ADIZ Air Defence Identification Zone
 ADO Aerodrome
 AFIS Aerodrome Flight Information
 Service
 AFS Aeronautical Fixed Service
 AFTN Aeronautical Fixed
 Telecommunication Network
 A/G Air-to-Ground
 AGL Above Ground Level
 AIC Aeronautical Information Circular
 AIM Aeronautical Information
 Management
 AIP Aeronautical Information
 Publication
 AIRAC Aeronautical Information
 Regulation and Control
 AIS Aeronautical Information Service
 ALA Alighting area
 ALS Approach Lighting System
 ALT Altitude
 ALTN Alternate or Alternating
 AMC Airspace Management Cell
 AMDT Amendment
 AMHS Automatic Message Handling
 System
 AMSL Above Mean Sea Level
 ANC Aeronautical Chart
 1:500 000
 ANCS Aeronautical Chart
 1:500 000 – small scale

ANSP Air Navigation Service
 Provider
 AO Aircraft Operator
 AOC Aerodrome Obstruction Chart
 APAPI Abbreviated PAPI
 APCH Approach
 APDCH Aircraft parking/docking chart
 APIS Aircraft Parking and Information
 System
 APP Approach control office
 or Approach control
 APR April
 APRX Approximate or Approximately
 APU Auxiliary Power Unit
 APV Approach Procedure with Vertical
 guidance
 ARC Area chart
 ARO Air Traffic Services
 Reporting Office
 ARP Aerodrome Reference Point
 ARR Arrive or Arrival
 ASAP As Soon As Possible
 ASDA Accelerate - Stop Distance
 Available
 ASM Airspace Management
 ASPH Asphalt
 ASR Aerodrome Surveillance Radar
 ATA Actual Time of Arrival
 ATC Air Traffic Control
 ATD Actual Time of Departure
 ATFM Air traffic flow management
 ATIS Automatic Terminal Information
 Service
 ATS Air Traffic Services
 ATTN Attention
 AUG August
 AUW All Up Weight
 AVASIS Abbreviated Vasis
 AVBL Available
 AVGAS Aviation Gasoline

B		DCT	Direct
B	Blue	DEC	December
BA	Braking Action	DEG	Degrees
BCN	Beacon (Aeronautical Ground Light)	DEP	Depart or Departure or Departure message
BCST	Broadcast	DEST	Destination
BDRY	Boundary	DF	Direct to a fix
BL	Regulations for aviation	DH	Decision Height
BLDG	Building	DIST	Distance
BLW	Below	DLY	Daily
BRG	Bearing	DME	Distance-Measuring Equipment
BS	Commercial broadcasting Station	DMI	Danish Meteorological Institute
BTN	Between	DOC	Document (ICAO)
C		DOR	Designated operational range
C	Degrees Celsius (Centigrade)	DTG	Date Time Group
CA	Course to an Altitude	DTHR	Displaced THR
CAA	Civil Aviation Authority or Civil Aviation Administration	DVOR	Doppler VOR
CAC	Copenhagen Area Chart	E	
CAT	Category	E	East or Eastern longitude
CD	Candela	EAD	European AIS Database
CDR	Conditional Route	EAT	Expected Approach time
CH	Channel	EAUP	European Airspace Use Plan
CHG	Changed	EET	Estimated Elapsed Time
CIDIN	Common ICAO data interchange network	EGNOS	European Geostationary Navigation Overlay Service
CIV	Civil	ELEV	Elevation
CL	Candela	ELT	Emergency Locator Transmitter
CLSD	Closed	EMERG	Emergency
CM	Centimetre	EN	English
CNL	Cancel	ENE	East-North-East
COM	Communication	ENR	En Route
CONC	Concrete	ENRC	En Route Chart
COORD	Coordinates	EOBT	Estimated Off Block Time
COP	Change-Over Point	EQPT	Equipment
CRAM	Conditional Route Availability Message	ESE	East-South-East
CRC	Cyclic Redundancy Check	EST	Estimate or Estimated
CS	Call Sign	ETA	Estimated Time of Arrival
C/S	COSPAS/SARSAT	ETD	Estimated Time of Departure
CTA	Control Area	ETO	Estimated time Over significant point
CTR	Control Zone	EUM	European-Mediterranean Region
CWY	Clearway	EUUP	European Updated Airspace Use Plan
D		EV	Every
D...	Danger area (followed by identification)	EXC	Except
DA	Danish	EXER	Exercise
DA	Decision Altitude	EXP	Expect (expected, expecting)
DB	Decibel (Noise level)		

F		GPS	Global Positioning System
F	Degrees Fahrenheit	GRASS	Grass Landing Area
F	Fixed	GS	Ground Speed
FAB	Functional Airspace Block	GUND	Geoide Undulation
FAC	Facilities		
FAF	Final Approach FIX	H	
FAL	Facilitation of international air transport	H24	Continuous day and night service
FAP	Final Approach Point	HAA	Height above Airport elevation
FAS	Final Approach Segment	HAL	Horizontal Alert Limit
FATO	Final approach and take-off area	HAPI	Helicopter Approach Path Indicator
FAWP	Final approach waypoint	HAS	Height Above Surface
FAX	Facsimile transmission	HAT	Height above Touchdown zone elevation
FBZ	Flight Plan Buffer Zone	H+	Hours plus... minutes past the hour
FEB	February	HH+	All synoptic hours i.e. 0000, 0300, 0600 etc.
FIC	Flight Information Centre	HEL	Helicopter
FIR	Flight Information Region	HELC	Heliport Chart
FIS	Flight Information Service	HEMS	Helicopter Emergency Medical Service
FIZ	Flight Information Zone	HF	High frequency (3.000 to 30.000 kHz)
FL	Flight Level	HGT	Height or Height above
FLG	Flashing	HIS	Heliport Information Service
FLT	Flight	HJ	Sunrise to Sunset
FOD	Foreign Object Damage	HLDG	Holding
FM	From	HM	Holding/racetrack to a manual termination
FMS	Flow Management System	HN	Sunset to Sunrise
FMU	Flow management unit	HO	Service available to meet operational requirements
FRA	Free Route Airspace	HOL	Holiday
FREQ	Frequency	HPA	Hectopascal
FRI	Friday	HR	Hour(s)
FPAP	Flight Path Alignment Point	HRP	Heliport Reference Point
FPL	Filed flight Plan	HS	Service available during hours of scheduled operations
FRNG	Firing	HTZ	Helicopter traffic zone
FT	Feet	HUM	Humanitarian
FTP	Fictitious Threshold Point	HX	No specific working hours
		Hz	Hertz (cycles per second)
G			
G	Green		
GA	General Aviation		
G/A	Ground-to-Air		
GCA	Ground Controlled Approach system		
GEN	General		
GEO	Geographic or true		
G/G	Ground-to-Ground		
GLONASS	Global Orbiting Navigation Satellite System		
GLS	GBAS Landing System		
GMC	Ground movement chart		
GND	Ground		
GNSS	Global Navigation Satellite System		
GP	Glide Path		

I		LFC		Low Flying Chart
IAC	Instrument Approach Chart	LFCW	Low Flying Chart West	
IAF	Initial Approach FIX IAP	LGT	Light or Lighting	
	Instrument Approach Procedure	LGTD	Lighted	
IAS	Indicated Air Speed	LIH	Light Intensity High	
IAWP	Initial approach waypoint	LIL	Light Intensity Low	
ICAO	International Civil	LIM	Light Intensity Medium	
	Aviation Organisation	LLZ	Localizer (old abbreviation)	
ID	Identifier or Identify	LM	Locator Middle	
IDENT	Identification	LO	Locator Outer	
IF	Intermediate approach FIX	LOC	Localizer (new abbreviation)	
IFR	Instrument Flight Rules	LONG	Longitude	
ILS	Instrument Landing System	LPV	Localizer Performance with	
IM	Inner Marker		Vertical guidance	
IMC	Instrument Meteorological	LTA	Local ATS-area	
	Condition	LTD	Limited	
INFO	Information	LTP	Landing Threshold Point	
INOP	Inoperative	LVO	Low Visibility Operations	
INS	Inertial Navigation System	LVP	Low Visibility Procedure	
INT	Intersection			
INTL	International	M		
IWP	Intermediate waypoint	M	Mach number	
		M	Metres	
J		MAG	Magnetic	
JAA	Joint Aviation Authorities	MAHF	Missed approach holding fix	
JAN	January	MAINT	Maintenance	
JAR	Joint Aviation Requirements	MAP	Aeronautical maps and charts	
JRCC	Joint Rescue Coordination Centre	MAPt	Missed Approach Point	
JUL	July	MAR	March	
JUN	June	MATF	Missed Approach Turning Fix	
		MAWP	Missed Approach Waypoint	
K		MAX	Maximum	
KFOR	Potassium Formate fluids	MAY	May	
KG	Kilograms	MDA	Minimum Decent Altitude	
KHz	Kilohertz (kilocycles per	MDF	Medium frequency Direction	
	second)		Finding station	
KM	Kilometres	MEHT	Minimum Eye Height over	
KMH	Kilometres per Hour		threshold	
KT	Knots	MET	Meteorological or	
KW	Kilowatts		Meteorology	
L		METAR	Aviation routine weather	
L	Left		report (in international	
L	Locator		meteorological figure code)	
LAT	Latitude	MF	Medium Frequency (300 to	
LCN	Load Classification Number		3.000 kHz)	
LDA	Landing Distance Available	MHA	Minimum holding altitude	
LDC	Landing chart	MHz	Megahertz	
LDG	Landing	MIL	Military	
LDI	Landing Direction Indicator	MIN	Minutes	
LED	Light Emitting Diode	MKR	Marker Radio Beacon	
LF	Low Frequency (30 to 300 kHz)	MLS	Microwave Landing System	
		MM	Middle Marker	

GEN 2.5 LIST OF RADIO NAVIGATION AIDS

Station	ID	Facility	Purpose	Frequency	Co-ordinates
			E: Enroute A: Aerodrome		
Aalborg	AAL	VOR	AE	116.700 MHz	570613.39N 0095944.08E
Aalborg	AAL	TACAN	AE	CH 114x	570614.16N 0095934.11E
Aalborg	AE	ILS 08L	A	109.900 MHz	570549.02N 0095301.40E
Aalborg	AE	DME 08L	A	CH36x	570541.90N 0095013.60E
Aalborg	YT	ILS 26R	A	111.550 MHz	570535.97N 0094938.62E
Aalborg	YT	DME 26R	A	CH52y	570550.27N 0095217.47E
Aarhus	AAR	ILS 10R	A	111.900 MHz	561801.63N 0103851.01E
Aarhus	AAR	DME 10R	A	CH 56x	561813.79N 0103603.97E
Aarhus	TL	L	A	384 KHz	561801.46N 0103707.22E
Aarhus	TR	ILS 28L	A	110.100 MHz	561825.62N 0103525.62E
Aarhus	TR	DME 28L	A	CH 48x	561800.99N 0103810.84E
Alsie	ALS	VOR	AE	114.700 MHz	545419.49N 0095936.16E
Bella	BEL	DME	E	114.650MHz/ CH 93Y	554728.45N 0120544.47E
Billund	BIL	ILS 09	A	109.750 MHz	554428.92N 0091109.05E
Billund	BIL	DME 09	A	109.750MHz/ CH 34y	554428.74N 0090820.83E
Billund	LEL	ILS 27	A	110.700 MHz	554422.51N 0090742.03E
Billund	LEL	DME 27	A	CH 44x	554422.80N 0091027.17E
Codan	CDA	VOR/DME	AE	114.900 MHz/ CH 96x	550005.40N 0122245.16E
Dan F	DNF	L	A	349 KHz	552841.16N 0050619.98E
Esbjerg	EJ	L	A	400.5 KHz	553228.51N 0084159.11E
Esbjerg	ES	ILS 26	A	110.150 MHz	553123.49N 0083138.22E
Esbjerg	ES	DME	A	CH 38y	553143N 0083406E
Esbjerg	HP	L	AE	376 KHz	553041.17N 0082445.79E
Esbjerg	ESE	DME	E	116.600 MHz/ CH113X	553121N 0082445E
Esbjerg	OO	ILS 08	A	109.100 MHz	553142.18N 0083436.00E
Esbjerg	OO	DME 08	A	CH 28x	553124N 0083218E
Gorm C	OM	L	A	615 KHz	553447.46N 0044532.09E
Halfdan A	HDY	L	A	427 KHz	553151.09N 0050015.03E
Harald	HWB	L	A	336 KHz	562038.83N 0041618.92E
Karup	KAP	ILS 09R	A	108.300 MHz	561750.95N 0090745.29E
Karup	KAP	DME 09R	A	CH 20x	561745.81N 0090455.93E
Karup	KAR	TACAN	A	CH 37x	561748.03N 0090030.95E
Karup	KR	ILS 27L	A	108.150 MHz	561749.60N 0090416.19E
Karup	KR	DME 27L	A	CH 18y	561746.69N 0090710.25E
Kastrup	CH	ILS 04L	A	110.500 MHZ	553705.09N 0123836.82E
Kastrup	CH	DME 04L	A	CH 42x	553535.89N 0123629.55E
Kastrup	KA	ILS 12	A	109.900 MHz	553634.87N 0124041.51E
Kastrup	KA	DME 12	A	CK 36x	553717.98N 0123829.93E
Kastrup	KAS	VOR/DME	AE	112.500 MHz/ CH 72x	553525.87N 0123648.97E
Kastrup	KLK	ILS 22R	A	110.900 MHz	553523.37N 0123559.51E
Kastrup	KLK	DME 22R	A	CH 46x	553635.03N 0123801.09E

Station	ID	Facility	Purpose E: Enroute A: Aerodrome	Frequency	Co-ordinates
Kastrup	NE	ILS 04R	A	109.300 KHz	553740.66N 0124017.50E
Kastrup	NE	DME 04R	A	CH 30x	563616.62N 0123816.24E
Kastrup	OXS	ILS 22L	A	109.500 MHz	553603.30N 0123746.81E
Kastrup	OXS	DME 22L	A	CH 32x	553720.67N 0123957.27E
Kastrup	OY	ILS 30	A	108.900 MHz	553740.28N 0123744.73E
Kastrup	OY	DME 30	A	CH 26x	553651.09N 0123942.89E
Korsa	KOR	VOR/DME	AE	112.800 MHz/ CH 75x	552621.71N 0113753.51E
Lemme	LME	DME	E	115.350 MHz/ CH 100y	555933.503N 0082115.751E
Odense	FE	L	A	423 KHz	553112.45N 0102745.21E
Odense	OD	ILS 24	A	108.350 MHz	552810.67N 0101834.89E
Odense	OD	DME 24	A	CH 20y	552845.53N 0102007.14E
Odin	ODN	VOR/DME	AE	115.500 MHz/ CH102x	553451.64N 0103910.76E
Ramme	RAM	DME	AE	111.850 MHz/ CH 55y	562842.14N 0081114.51E
Roskilde	KV	ILS 11	A	111.500 MHz	553455.16N 0120839.21E
Roskilde	KV	DME 11	A	CH 52x	553515.91N 0120709.24E
Roskilde	RK	L	A	368 KHz	553723.27N 0115949.81E
Roskilde	SN	ILS 21	A	108.700 MHz	553432.39N 0120715.43E
Roskilde	SN	DME 21	A	CH 24x	553513.15N 0120806.64E
Rønne	FAU	L	A	334 KHz	550142N 0145402E*
Rønne	IAR	ILS 11	A	110.300 MHz	550329.47N 0144646.93E
Rønne	IAR	DME 11	A	CH30y	550353N 0144457E*
Rønne	IRE	ILS 29	A	110.300 MHz	550406.18N 0144421.31E
Rønne	IRE	DME 29	A	CH 40x	550342.19N 0144612.22E
Rønne	ROE	VOR	AE	112.000 MHz	550356.08N 0144531.29E
Rønne	ROE	TACAN	AE	112.000 MHz/ CH 57x	550342.73N 0144521.07E
Sindal	SD	L	A	339 KHz	573002.77N 0100902.53E
Sindal	SDL	ILS 26	A	110.350 MHz	573011.10N 0101300.57E
Sindal	SDL	DME 26	A	CH 38y	573009.06N 0101405.06E
Siri	SIR	L	A	391 KHz	562857.77N 0045440.06E
Skjold	JL	L	A	434 KHz	553153.74N 0045424.08E
Skrydstrup	ISPA	ILS 10L	A	109.350 MHz	551259.83N 0091740.10E
Skrydstrup	ISPA/ SRY	DME 10L/28R	A	CH 30y	551309.34N 0091711.49E
Skrydstrup	SKR	TACAN	AE	110.400 MHz/ CH 41x	551344.18N 0091250.61E
Skrydstrup	SRY	ILS 28R	A	109.350 MHz	551332.31N 0091414.42E
Skrydstrup	VO	L	A	321 KHz	551328.75N 0091625.37E
South Arne	SRN	L	A	361 KHz	560449.01N 0041349.44E
Stauning	AU	L	A	346KHz	555927.58N 0081906.09E
Stauning	SVJ	LOC 27	A	110.100 MHz	555925.78N 0082017.88E
Stauning	VJ	L	A	328 KHz	555919.13N 0082527.97E
Sønderborg	CIM	ILS 32	A	111.150 MHz	545811.72N 0094700.39E
Sønderborg	CIM	DME 32	A	CH 48y	545729.39N 0094755.03E

ID	Station	Facility	Purpose E: Enroute A: Aerodrome	Frequency	Co-ordinates
KV	Roskilde	ILS 11	A	111.500 MHz	553455.16N 0120839.21E
KV	Roskilde	DME 11	A	CH 52x	553515.91N 0120709.24E
LEL	Billund	ILS 27	A	110.700 MHz	554422.51N 0090742.03E
LEL	Billund	DME 27	A	CH 44x	554422.80N 0091027.17E
LME	Lemme	DME	E	115.350 MHz/ CH 100y	555933.503N 0082115.751E
NE	Kastrup	ILS 04R	A	109.300 KHz	553740.66N 0124017.50E
NE	Kastrup	DME 04R	A	CH 30x	563616.62N 0123816.24E
OD	Odense	ILS 24	A	108.350 MHz	552810.67N 0101834.89E
OD	Odense	DME 24	A	CH 20y	552845.53N 0102007.14E
OM	Gorm C	L	A	615 KHz	553447.46N 0044532.09E
ODN	Odin	VOR/DME	AE	115.500 MHz/ CH102x	553451.64N 0103910.76E
OO	Esbjerg	ILS 08	A	109.100 MHz	553142.18N 0083436.00E
OO	Esbjerg	DME 08	A	CH 28x	553124N 0083218E
OXS	Kastrup	ILS 22L	A	109.500 MHz	553603.30N 0123746.81E
OXS	Kastrup	DME 22L	A	CH 32x	553720.67N 0123957.27E
OY	Kastrup	ILS 30	A	108.900 MHz	553740.28N 0123744.73E
RA	Tyra E	L	A	419 KHz	554317.48N 0044807.48E
RAM	Ramme	DME	AE	111.850 MHz/ CH 55y	562842.14N 0081114.51E
RK	Roskilde	L	A	368 KHz	553723.27N 0115949.81E
ROE	Rønne	VOR	AE	112.000 MHz	550356.08N 0144531.29E
ROE	Rønne	TACAN	AE	112.000 MHz/ CH 57x	550342.73N 0144521.07E
SD	Sindal	L	A	339 KHz	573002.77N 0100902.53E
SDL	Sindal	ILS 26	A	110.350 MHz	573011.10N 0101300.57E
SIR	Siri	L	A	391 KHz	562857.77N 0045440.06E
SKR	Skrydstrup	TACAN	AE	110.400 MHz/ CH 41x	551344.18N 0091250.61E
SN	Roskilde	ILS 21	A	108.700 MHz	553432.39N 0120715.43E
SRN	South Arne	L	A	361 KHz	560449.01N 0041349.44E
SRY	Skrydstrup	ILS 29R	A	109.350 MHz	551332.31N 0091414.42E
SRY	Skrydstrup	DME 29R	A	CH 30y	551309.34N 0091711.49E
SVJ	Stauning	ILS 27	A	110.100 MHz	555925.78N 0082017.88E
TL	Aarhus	L	A	384 KHz	561801.46N 0103707.22E
TNO	Trano	VOR/DME	A	117.400MHz/ CH 121x	554626.74N 0112621.08E
TR	Aarhus	ILS 28L	A	110.100 MHz	561825.62N 0103525.62E
TR	Aarhus	DME 28L	A	CH 48x	561800.99N 0103810.84E
VO	Skrydstrup	L	A	321 KHz	551328.75N 0091625.37E
VJ	Stauning	L	A	328 KHz	555919.13N 0082527.97E
YT	Aalborg	ILS 26R	A	111.550 MHz	570535.97N 0094938.62E
YT	Aalborg	DME 26R	A	CH52y	570550.27N 0095217.47E

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GEN 2.7 Sunrise/Sunset Tables and Daily Periods for VFR Flights**1. Daily Periods for VFR Flights**

1.1 In accordance with Civil Aviation Regulation BL 7-1 areas and daily periods within which VFR flights may take place over Denmark have been established.

1.2 Areas and Daily periods

Details about the areas and daily periods are given in the tables on the following pages.

The tables are valid from October 2023 to December 2031. For the 8 year period, the tables are calculated for 2024, which is used as a reference year. In this period the variation at a given position, at a given date, throughout the period from the reference year is negligible. All times are UTC.

- Table 1 Karup/Midtjyllands Lufthavn (MIL/CIV) valid for the area west of 11° E including the island Læsø;
- Table 2 København/Kastrup valid for the area east of 11° E with the exception of the islands Læsø, Bornholm and Ertholmene;
- Table 3 Bornholm/Rønne valid for the area over the islands Bornholm and Ertholmene;
- Table 4 Tyra E valid for the North Sea area west of 8° E.

Table 1
West of 11°E including the island of Læsø
(Data REF: EKKA - Karup/Midtjyllands Lufthavn)

2023

OCT					NOV					DEC				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
02	0451	0528	1657	1734	01	0551	0631	1543	1623	01	0645	0731	1453	1539
04	0455	0532	1652	1729	03	0555	0635	1538	1618	03	0649	0735	1451	1537
06	0459	0536	1646	1723	05	0558	0639	1534	1615	05	0651	0738	1450	1537
08	0503	0540	1641	1718	07	0603	0644	1530	1611	07	0654	0741	1448	1535
10	0506	0544	1636	1714	09	0607	0648	1526	1607	09	0657	0744	1448	1535
12	0510	0548	1631	1709	11	0610	0652	1522	1604	11	0659	0746	1447	1534
14	0514	0552	1626	1704	13	0614	0656	1518	1600	13	0700	0748	1446	1534
16	0519	0557	1621	1659	15	0618	0701	1515	1558	15	0702	0750	1446	1534
18	0523	0601	1616	1654	17	0622	0705	1511	1554	17	0704	0752	1447	1535
20	0527	0605	1611	1649	19	0626	0709	1508	1551	19	0706	0754	1447	1535
22	0530	0609	1606	1645	21	0629	0713	1505	1549	21	0707	0755	1448	1536
24	0535	0614	1601	1640	23	0633	0717	1502	1546	23	0708	0756	1449	1537
26	0539	0618	1556	1635	25	0636	0721	1500	1545	25	0709	0757	1450	1538
28	0543	0622	1552	1631	27	0639	0724	1457	1542	27	0709	0757	1452	1540
30	0546	0626	1547	1627	29	0643	0728	1455	1540	29	0709	0757	1454	1542
										31	0709	0757	1456	1544

Table 2
East of 11°E with the exception of the islands Læsø, Bornholm and Ertholmene
(Data REF: EKCH - København/Kastrup)

2023

OCT					NOV					DEC				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
02	0436	0513	1643	1720	01	0535	0614	1531	1610	01	0628	0713	1443	1528
04	0440	0517	1638	1715	03	0539	0618	1527	1606	03	0631	0716	1441	1526
06	0444	0521	1633	1710	05	0543	0623	1522	1602	05	0635	0720	1440	1525
08	0448	0525	1628	1705	07	0547	0627	1518	1558	07	0636	0722	1439	1525
10	0452	0529	1623	1700	09	0550	0631	1515	1556	09	0639	0725	1438	1524
12	0456	0533	1618	1655	11	0554	0635	1511	1552	11	0642	0728	1437	1523
14	0500	0537	1613	1650	13	0558	0639	1507	1548	13	0644	0730	1437	1523
16	0504	0541	1608	1645	15	0601	0643	1504	1546	15	0646	0732	1437	1523
18	0508	0545	1603	1640	17	0605	0647	1501	1543	17	0646	0733	1437	1524
20	0511	0549	1558	1636	19	0609	0651	1457	1539	19	0648	0735	1438	1525
22	0515	0553	1553	1631	21	0612	0655	1454	1537	21	0649	0736	1438	1525
24	0520	0558	1549	1627	23	0616	0659	1452	1535	23	0650	0737	1439	1526
26	0524	0602	1544	1622	25	0619	0703	1449	1533	25	0651	0738	1441	1528
28	0527	0606	1540	1619	27	0622	0706	1447	1531	27	0651	0738	1442	1529
30	0531	0610	1535	1614	29	0626	0710	1445	1529	29	0652	0738	1444	1530
										31	0709	0757	1456	1544

Table 3
The islands Bornholm and Ertholmene
(Data REF: EKRN - Bornholm/Rønne)

2023

OCT					NOV					DEC				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
02	0429	0505	1635	1711	01	0525	0604	1524	1603	01	0618	0702	1438	1522
04	0432	0508	1630	1706	03	0529	0608	1520	1559	03	0621	0705	1436	1520
06	0436	0512	1625	1701	05	0533	0612	1516	1555	05	0624	0708	1435	1519
08	0440	0516	1620	1656	07	0537	0616	1512	1551	07	0626	0711	1434	1519
10	0444	0520	1615	1651	09	0540	0620	1508	1548	09	0628	0713	1433	1518
12	0448	0524	1610	1646	11	0544	0624	1505	1545	11	0631	0716	1432	1517
14	0451	0528	1605	1642	13	0547	0628	1501	1542	13	0633	0718	1432	1517
16	0455	0532	1600	1637	15	0551	0632	1458	1539	15	0635	0720	1432	1517
18	0459	0536	1556	1633	17	0555	0636	1455	1536	17	0636	0722	1432	1518
20	0503	0540	1551	1628	19	0558	0640	1452	1534	19	0637	0723	1433	1519
22	0507	0544	1546	1623	21	0602	0644	1449	1531	21	0638	0724	1434	1520
24	0510	0548	1542	1620	23	0606	0648	1446	1528	23	0639	0725	1435	1521
26	0514	0552	1537	1615	25	0608	0651	1444	1527	25	0640	0726	1436	1522
28	0518	0556	1533	1611	27	0612	0655	1441	1524	27	0640	0726	1437	1523
30	0522	0600	1528	1606	29	0615	0658	1439	1522	29	0642	0727	1439	1524
										31	0652	0738	1446	1532

Table 4
North Sea Area west of 8°E
(Data REF: EKTE - Tyra E)

2023

OCT					NOV					DEC				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
02	0508	0545	1714	1751	01	0607	0646	1602	1641	01	0700	0745	1514	1559
04	0512	0549	1709	1746	03	0610	0650	1558	1638	03	0704	0749	1512	1557
06	0516	0553	1704	1741	05	0614	0654	1553	1633	05	0706	0752	1511	1557
08	0520	0557	1659	1736	07	0619	0659	1549	1629	07	0708	0754	1509	1555
10	0524	0601	1654	1731	09	0622	0703	1546	1627	09	0711	0757	1509	1555
12	0528	0605	1649	1726	11	0626	0707	1542	1623	11	0714	0800	1508	1554
14	0532	0609	1644	1721	13	0630	0711	1538	1619	13	0715	0802	1508	1555
16	0536	0613	1639	1716	15	0633	0715	1535	1617	15	0717	0804	1508	1555
18	0539	0617	1634	1712	17	0637	0719	1531	1613	17	0719	0806	1508	1555
20	0543	0621	1629	1707	19	0640	0723	1528	1611	19	0720	0807	1508	1555
22	0547	0625	1624	1702	21	0644	0727	1525	1608	21	0721	0808	1509	1556
24	0551	0629	1620	1658	23	0648	0731	1523	1606	23	0722	0809	1510	1557
26	0555	0633	1615	1653	25	0651	0735	1520	1604	25	0723	0810	1511	1558
28	0559	0638	1611	1650	27	0654	0738	1518	1602	27	0723	0810	1513	1600
30	0603	0642	1606	1645	29	0657	0742	1516	1601	29	0724	0811	1515	1602
										31	0724	0810	1517	1603

Table 1
West of 11°E including the island of Læsø
(Data REF: EKKA - Karup/Midtjyllands Lufthavn)

2024-2031

Day	TWIL FROM	SR	JAN SS	TWIL TO	Day	TWIL FROM	SR	FEB SS	TWIL TO	Day	TWIL FROM	SR	MAR SS	TWIL TO
01	0710	0757	1457	1544	01	0639	0721	1554	1636	01	0536	0614	1658	1736
02	0710	0757	1458	1545	02	0638	0719	1556	1637	02	0534	0612	1700	1738
03	0709	0756	1500	1547	03	0636	0717	1558	1639	03	0531	0609	1702	1740
04	0709	0756	1501	1548	04	0634	0715	1601	1642	04	0530	0607	1705	1742
05	0708	0755	1502	1549	05	0632	0713	1603	1644	05	0527	0604	1707	1744
06	0708	0755	1504	1551	06	0630	0711	1605	1646	06	0525	0602	1709	1746
07	0707	0754	1505	1552	07	0629	0709	1607	1647	07	0522	0559	1711	1748
08	0708	0754	1507	1553	08	0627	0707	1610	1650	08	0519	0556	1713	1750
09	0707	0753	1508	1554	09	0624	0704	1612	1652	09	0517	0554	1715	1752
10	0706	0752	1510	1556	10	0622	0702	1614	1654	10	0514	0551	1717	1754
11	0705	0751	1512	1558	11	0620	0700	1616	1656	11	0512	0549	1719	1756
12	0704	0750	1513	1559	12	0618	0658	1619	1659	12	0509	0546	1721	1758
13	0703	0749	1515	1601	13	0617	0656	1621	1700	13	0506	0543	1724	1801
14	0703	0748	1517	1602	14	0614	0653	1623	1702	14	0504	0541	1726	1803
15	0702	0747	1519	1604	15	0612	0651	1625	1704	15	0501	0538	1728	1805
16	0701	0746	1521	1606	16	0610	0649	1627	1706	16	0458	0535	1730	1807
17	0700	0745	1523	1608	17	0607	0646	1630	1709	17	0456	0533	1732	1809
18	0658	0743	1525	1610	18	0605	0644	1632	1711	18	0453	0530	1734	1811
19	0658	0742	1527	1611	19	0603	0642	1634	1713	19	0450	0527	1736	1813
20	0657	0741	1529	1613	20	0600	0639	1636	1715	20	0448	0525	1738	1815
21	0655	0739	1531	1615	21	0559	0637	1638	1716	21	0445	0522	1740	1817
22	0654	0738	1533	1617	22	0556	0634	1641	1719	22	0441	0519	1742	1820
23	0653	0736	1535	1618	23	0554	0632	1643	1721	23	0439	0517	1744	1822
24	0652	0735	1537	1620	24	0551	0629	1645	1723	24	0436	0514	1746	1824
25	0650	0733	1539	1622	25	0549	0627	1647	1725	25	0433	0511	1749	1827
26	0648	0731	1541	1624	26	0547	0625	1649	1727	26	0431	0509	1751	1829
27	0647	0730	1543	1626	27	0544	0622	1652	1730	27	0428	0506	1753	1831
28	0646	0728	1545	1627	28	0541	0619	1654	1732	28	0425	0503	1755	1833
29	0644	0726	1547	1629	29	0539	0617	1656	1734	29	0423	0501	1757	1835
30	0642	0724	1550	1632						30	0420	0458	1759	1837
31	0641	0723	1552	1634						31	0417	0455	1801	1839

Day	TWIL FROM	SR	APR SS	TWIL TO	Day	TWIL FROM	SR	MAY SS	TWIL TO	Day	TWIL FROM	SR	JUN SS	TWIL TO
01	0415	0453	1803	1841	01	02:53	03:38	19:05	19:50	01	0144	0243	2001	2100
02	0411	0450	1805	1844	02	02:49	03:35	19:07	19:53	02	0142	0242	2002	2102
03	0408	0447	1807	1846	03	02:47	03:33	19:09	19:55	03	0141	0241	2003	2103
04	0406	0445	1809	1848	04	02:45	03:31	19:11	19:57	04	0140	0240	2004	2104
05	0403	0442	1811	1850	05	02:42	03:29	19:13	20:00	05	0138	0239	2006	2107
06	0401	0440	1813	1852	06	02:39	03:26	19:15	20:02	06	0138	0239	2007	2108
07	0358	0437	1815	1854	07	02:36	03:24	19:17	20:05	07	0136	0238	2008	2110
08	0355	0434	1817	1856	08	02:34	03:22	19:19	20:07	08	0135	0237	2009	2111
09	0352	0432	1820	1900	09	02:32	03:20	19:21	20:09	09	0135	0237	2010	2112
10	0349	0429	1822	1902	10	02:29	03:18	19:23	20:12	10	0133	0236	2011	2114
11	0347	0427	1824	1904	11	02:27	03:16	19:25	20:14	11	0133	0236	2012	2115
12	0344	0424	1826	1906	12	02:24	03:14	19:27	20:17	12	0132	0235	2012	2115
13	0341	0421	1828	1908	13	02:22	03:12	19:29	20:19	13	0132	0235	2013	2116
14	0338	0419	1830	1911	14	02:19	03:10	19:31	20:22	14	0131	0235	2014	2118
15	0335	0416	1832	1913	15	02:17	03:08	19:33	20:24	15	0130	0234	2014	2118
16	0333	0414	1834	1915	16	02:16	03:07	19:35	20:26	16	0130	0234	2015	2119
17	0330	0411	1836	1917	17	02:13	03:05	19:36	20:28	17	0130	0234	2015	2119
18	0328	0409	1838	1919	18	02:11	03:03	19:38	20:30	18	0130	0234	2016	2120
19	0324	0406	1840	1922	19	02:08	03:01	19:40	20:33	19	0130	0234	2016	2120
20	0322	0404	1842	1924	20	02:07	03:00	19:42	20:35	20	0130	0234	2016	2120
21	0319	0401	1844	1926	21	02:04	02:58	19:44	20:38	21	0130	0234	2016	2120
22	0316	0359	1846	1929	22	02:02	02:56	19:45	20:39	22	0131	0235	2016	2120
23	0313	0356	1848	1931	23	02:00	02:55	19:47	20:42	23	0131	0235	2017	2121
24	0311	0354	1851	1934	24	01:58	02:53	19:49	20:44	24	0131	0235	2016	2120
25	0309	0352	1853	1936	25	01:56	02:52	19:50	20:46	25	0132	0236	2016	2120
26	0305	0349	1855	1939	26	01:54	02:50	19:52	20:48	26	0132	0236	2016	2120
27	0303	0347	1857	1941	27	01:52	02:49	19:53	20:50	27	0133	0237	2016	2120
28	0300	0344	1859	1943	28	01:51	02:48	19:55	20:52	28	0135	0238	2016	2119
29	0257	0342	1901	1946	29	01:48	02:46	19:56	20:54	29	0135	0238	2015	2118
30	0255	0340	1903	1948	30	01:47	02:45	19:58	20:56	30	0136	0239	2015	2118
					31	01:45	02:44	19:59	20:58					

Table 1
West of 11°E including the island of Læsø
(Data REF: EKKA - Karup/Midtjyllands Lufthavn)

2024-2031

JUL					AUG					SEP				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0137	0240	2014	2117	01	0238	0327	1932	2021	01	0348	0428	1817	1857
02	0139	0241	2014	2116	02	0241	0329	1930	2018	02	0350	0430	1815	1855
03	0140	0242	2013	2115	03	0243	0331	1927	2015	03	0353	0432	1812	1851
04	0141	0243	2013	2115	04	0245	0333	1925	2013	04	0355	0434	1810	1849
05	0143	0244	2012	2113	05	0247	0334	1923	2010	05	0357	0436	1807	1846
06	0144	0245	2011	2112	06	0249	0336	1921	2008	06	0359	0438	1804	1843
07	0146	0246	2010	2110	07	0252	0338	1919	2005	07	0401	0440	1802	1841
08	0147	0247	2009	2109	08	0254	0340	1917	2003	08	0403	0442	1759	1838
09	0149	0249	2008	2108	09	0256	0342	1914	2000	09	0406	0444	1756	1834
10	0151	0250	2007	2106	10	0259	0344	1912	1957	10	0408	0446	1754	1832
11	0152	0251	2006	2105	11	0301	0346	1910	1955	11	0410	0448	1751	1829
12	0155	0253	2005	2103	12	0303	0348	1907	1952	12	0412	0450	1748	1826
13	0156	0254	2004	2102	13	0306	0350	1905	1949	13	0414	0452	1746	1824
14	0159	0256	2002	2059	14	0308	0352	1903	1947	14	0416	0454	1743	1821
15	0200	0257	2001	2058	15	0310	0354	1900	1944	15	0418	0456	1740	1818
16	0203	0259	2000	2056	16	0313	0356	1858	1941	16	0420	0458	1738	1816
17	0204	0300	1958	2054	17	0315	0358	1855	1938	17	0422	0500	1735	1813
18	0207	0302	1957	2052	18	0317	0400	1853	1936	18	0424	0502	1732	1810
19	0208	0303	1955	2050	19	0319	0402	1851	1934	19	0425	0503	1730	1808
20	0211	0305	1954	2048	20	0322	0404	1848	1930	20	0427	0505	1727	1805
21	0213	0307	1952	2046	21	0324	0406	1846	1928	21	0430	0507	1724	1801
22	0215	0308	1950	2043	22	0326	0408	1843	1925	22	0432	0509	1722	1759
23	0217	0310	1949	2042	23	0328	0410	1841	1923	23	0434	0511	1719	1756
24	0220	0312	1947	2039	24	0331	0412	1838	1919	24	0436	0513	1716	1753
25	0222	0314	1945	2037	25	0333	0414	1836	1917	25	0438	0515	1713	1750
26	0225	0316	1943	2034	26	0335	0416	1833	1914	26	0440	0517	1711	1748
27	0226	0317	1941	2032	27	0337	0418	1830	1911	27	0442	0519	1708	1745
28	0228	0319	1940	2031	28	0340	0420	1828	1908	28	0444	0521	1705	1742
29	0231	0321	1938	2028	29	0342	0422	1825	1905	29	0446	0523	1703	1740
30	0233	0323	1936	2026	30	0344	0424	1823	1903	30	0448	0525	1700	1737
31	0236	0325	1934	2023	31	0346	0426	1820	1900					
OCT					NOV					DEC				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0450	0527	1658	1735	01	0552	0632	1541	1621	01	0647	0733	1452	1538
02	0452	0529	1655	1732	02	0555	0635	1539	1619	02	0648	0734	1451	1537
03	0454	0531	1652	1729	03	0557	0637	1537	1617	03	0650	0736	1451	1537
04	0456	0533	1650	1727	04	0558	0639	1535	1616	04	0651	0738	1450	1537
05	0459	0536	1647	1724	05	0600	0641	1532	1613	05	0652	0739	1449	1536
06	0501	0538	1644	1721	06	0602	0643	1530	1611	06	0654	0741	1449	1536
07	0503	0540	1642	1719	07	0604	0645	1528	1609	07	0655	0742	1448	1535
08	0505	0542	1639	1716	08	0606	0647	1526	1607	08	0656	0743	1448	1535
09	0506	0544	1637	1715	09	0608	0650	1524	1606	09	0658	0745	1447	1534
10	0508	0546	1634	1712	10	0610	0652	1523	1605	10	0659	0746	1447	1534
11	0510	0548	1631	1709	11	0612	0654	1521	1603	11	0659	0747	1447	1535
12	0512	0550	1629	1707	12	0614	0656	1519	1601	12	0700	0748	1447	1535
13	0514	0552	1626	1704	13	0616	0658	1517	1559	13	0701	0749	1446	1534
14	0516	0554	1624	1702	14	0617	0700	1515	1558	14	0702	0750	1446	1534
15	0518	0556	1621	1659	15	0619	0702	1513	1556	15	0703	0751	1446	1534
16	0520	0558	1619	1657	16	0621	0704	1512	1555	16	0704	0752	1447	1535
17	0522	0600	1616	1654	17	0623	0706	1510	1553	17	0705	0753	1447	1535
18	0524	0602	1614	1652	18	0625	0708	1508	1551	18	0706	0754	1447	1535
19	0527	0605	1611	1649	19	0626	0710	1507	1551	19	0706	0754	1447	1535
20	0529	0607	1609	1647	20	0628	0712	1505	1549	20	0707	0755	1448	1536
21	0530	0609	1606	1645	21	0630	0714	1504	1548	21	0707	0755	1448	1536
22	0532	0611	1604	1643	22	0632	0716	1503	1547	22	0708	0756	1449	1537
23	0534	0613	1602	1641	23	0634	0718	1501	1545	23	0708	0756	1449	1537
24	0536	0615	1559	1638	24	0635	0720	1500	1545	24	0709	0757	1450	1538
25	0538	0617	1557	1636	25	0637	0722	1459	1544	25	0709	0757	1451	1539
26	0540	0619	1555	1634	26	0639	0724	1457	1542	26	0709	0757	1452	1540
27	0543	0622	1552	1631	27	0641	0726	1456	1541	27	0709	0757	1453	1541
28	0545	0624	1550	1629	28	0643	0728	1455	1540	28	0709	0757	1454	1542
29	0546	0626	1548	1628	29	0643	0729	1454	1540	29	0709	0757	1455	1543
30	0548	0628	1545	1625	30	0645	0731	1453	1539	30	0709	0757	1456	1544
31	0550	0630	1543	1623						31	0710	0757	1457	1544

Table 2
East of 11°E with the exception of the islands Læsø, Bornholm and Ertholmene
(Data REF: EKCH - København/Kastrup)

2024-2031

JAN					FEB					MAR				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0652	0738	1447	1533	01	0623	0704	1543	1624	01	0522	0559	1645	1722
02	0652	0738	1449	1535	02	0621	0702	1545	1626	02	0520	0557	1647	1724
03	0652	0738	1450	1536	03	0620	0700	1547	1627	03	0517	0554	1649	1726
04	0651	0737	1451	1537	04	0618	0658	1549	1629	04	0515	0552	1651	1728
05	0651	0737	1453	1539	05	0616	0656	1551	1631	05	0512	0549	1653	1730
06	0650	0736	1454	1540	06	0614	0654	1554	1634	06	0510	0547	1655	1732
07	0651	0736	1455	1540	07	0612	0652	1556	1636	07	0507	0544	1657	1734
08	0650	0735	1457	1542	08	0611	0650	1558	1637	08	0505	0542	1659	1736
09	0649	0734	1458	1543	09	0609	0648	1600	1639	09	0502	0539	1702	1739
10	0649	0734	1500	1545	10	0607	0646	1602	1641	10	0500	0537	1704	1741
11	0648	0733	1502	1547	11	0605	0644	1604	1643	11	0457	0534	1706	1743
12	0647	0732	1503	1548	12	0603	0642	1607	1646	12	0454	0531	1708	1745
13	0647	0731	1505	1549	13	0600	0639	1609	1648	13	0452	0529	1710	1747
14	0646	0730	1507	1551	14	0558	0637	1611	1650	14	0449	0526	1712	1749
15	0645	0729	1509	1553	15	0557	0635	1613	1651	15	0447	0524	1714	1751
16	0644	0728	1510	1554	16	0555	0633	1615	1653	16	0444	0521	1716	1753
17	0643	0727	1512	1556	17	0552	0630	1617	1655	17	0441	0518	1718	1755
18	0643	0726	1514	1557	18	0550	0628	1619	1657	18	0439	0516	1720	1757
19	0641	0724	1516	1559	19	0548	0626	1622	1700	19	0436	0513	1722	1759
20	0640	0723	1518	1601	20	0545	0623	1624	1702	20	0434	0511	1724	1801
21	0639	0722	1520	1603	21	0543	0621	1626	1704	21	0431	0508	1726	1803
22	0637	0720	1522	1605	22	0541	0619	1628	1706	22	0428	0505	1728	1805
23	0637	0719	1524	1606	23	0538	0616	1630	1708	23	0426	0503	1730	1807
24	0635	0717	1526	1608	24	0537	0614	1632	1709	24	0423	0500	1732	1809
25	0634	0716	1528	1610	25	0535	0612	1634	1711	25	0421	0458	1734	1811
26	0632	0714	1530	1612	26	0532	0609	1637	1714	26	0418	0455	1736	1813
27	0630	0712	1532	1614	27	0530	0607	1639	1716	27	0415	0452	1738	1815
28	0630	0711	1534	1615	28	0527	0604	1641	1718	28	0413	0450	1740	1817
29	0628	0709	1536	1617	29	0525	0602	1643	1720	29	0410	0447	1742	1819
30	0626	0707	1539	1620						30	0408	0445	1744	1821
31	0625	0706	1541	1622						31	0404	0442	1746	1824

APR					MAY					JUN				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0401	0439	1748	1826	01	0242	0326	1848	1932	01	0137	0234	1942	2039
02	0359	0437	1750	1828	02	0240	0324	1850	1934	02	0136	0233	1943	2040
03	0356	0434	1752	1830	03	0237	0322	1852	1937	03	0135	0232	1944	2041
04	0354	0432	1754	1832	04	0235	0320	1854	1939	04	0133	0231	1945	2043
05	0351	0429	1756	1834	05	0233	0318	1856	1941	05	0132	0230	1947	2045
06	0349	0427	1758	1836	06	0229	0315	1858	1944	06	0131	0229	1948	2046
07	0346	0424	1800	1838	07	0227	0313	1900	1946	07	0130	0229	1949	2048
08	0343	0422	1802	1841	08	0224	0311	1902	1949	08	0129	0228	1950	2049
09	0340	0419	1804	1843	09	0222	0309	1904	1951	09	0128	0227	1951	2050
10	0337	0416	1806	1845	10	0220	0307	1905	1952	10	0127	0227	1951	2051
11	0335	0414	1808	1847	11	0217	0305	1907	1955	11	0126	0226	1952	2052
12	0332	0411	1810	1849	12	0215	0303	1909	1957	12	0126	0226	1953	2053
13	0329	0409	1812	1852	13	0213	0302	1911	2000	13	0126	0226	1954	2054
14	0326	0406	1814	1854	14	0211	0300	1913	2002	14	0126	0226	1954	2054
15	0324	0404	1816	1856	15	0209	0258	1915	2004	15	0124	0225	1955	2056
16	0321	0401	1818	1858	16	0206	0256	1917	2007	16	0124	0225	1955	2056
17	0319	0359	1820	1900	17	0204	0254	1918	2008	17	0124	0225	1956	2057
18	0316	0357	1822	1903	18	0202	0253	1920	2011	18	0124	0225	1956	2057
19	0313	0354	1824	1905	19	0200	0251	1922	2013	19	0124	0225	1957	2058
20	0311	0352	1826	1907	20	0158	0249	1924	2015	20	0124	0225	1957	2058
21	0308	0349	1828	1909	21	0156	0248	1925	2017	21	0125	0226	1957	2058
22	0305	0347	1830	1912	22	0154	0246	1927	2019	22	0125	0226	1957	2058
23	0303	0345	1832	1914	23	0152	0245	1929	2022	23	0125	0226	1957	2058
24	0300	0342	1834	1916	24	0150	0243	1930	2023	24	0126	0227	1957	2058
25	0258	0340	1836	1918	25	0148	0242	1932	2026	25	0126	0227	1957	2058
26	0254	0337	1838	1921	26	0147	0241	1933	2027	26	0127	0228	1957	2058
27	0252	0335	1840	1923	27	0145	0239	1935	2029	27	0128	0228	1957	2057
28	0250	0333	1842	1925	28	0143	0238	1936	2031	28	0129	0229	1956	2056
29	0247	0331	1844	1928	29	0142	0237	1938	2033	29	0129	0229	1956	2056
30	0244	0328	1846	1930	30	0140	0236	1939	2035	30	0130	0230	1956	2056
					31	0139	0235	1940	2036					

Table 2
East of 11°E with the exception of the islands Læsø, Bornholm and Ertholmene
(Data REF: EKCH - København/Kastrup)

2024-2031

JUL					AUG					SEP				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0132	0231	1955	2054	01	0229	0316	1914	2001	01	0336	0415	1802	1841
02	0133	0232	1955	2054	02	0231	0318	1912	1959	02	0338	0417	1759	1838
03	0134	0233	1954	2053	03	0233	0320	1910	1957	03	0340	0419	1757	1836
04	0135	0234	1954	2053	04	0236	0322	1908	1954	04	0343	0421	1754	1832
05	0137	0235	1953	2051	05	0237	0323	1906	1952	05	0345	0423	1752	1830
06	0138	0236	1952	2050	06	0239	0325	1904	1950	06	0347	0425	1749	1827
07	0139	0237	1951	2049	07	0242	0327	1902	1947	07	0349	0427	1747	1825
08	0141	0238	1950	2047	08	0244	0329	1900	1945	08	0351	0429	1744	1822
09	0142	0239	1949	2046	09	0246	0331	1857	1942	09	0353	0431	1741	1819
10	0145	0241	1948	2044	10	0249	0333	1855	1939	10	0354	0432	1739	1817
11	0146	0242	1947	2043	11	0251	0335	1853	1937	11	0356	0434	1736	1814
12	0147	0243	1946	2042	12	0253	0337	1851	1935	12	0359	0436	1734	1811
13	0150	0245	1945	2040	13	0256	0339	1848	1931	13	0401	0438	1731	1808
14	0151	0246	1944	2039	14	0258	0341	1846	1929	14	0403	0440	1728	1805
15	0153	0247	1943	2037	15	0259	0342	1844	1927	15	0405	0442	1726	1803
16	0155	0249	1941	2035	16	0302	0344	1841	1923	16	0407	0444	1723	1800
17	0156	0250	1940	2034	17	0304	0346	1839	1921	17	0409	0446	1720	1757
18	0159	0252	1938	2031	18	0306	0348	1837	1919	18	0411	0448	1718	1755
19	0201	0254	1937	2030	19	0308	0350	1834	1916	19	0413	0450	1715	1752
20	0203	0255	1935	2027	20	0311	0352	1832	1913	20	0415	0452	1713	1750
21	0205	0257	1934	2026	21	0313	0354	1830	1911	21	0416	0453	1710	1747
22	0207	0258	1932	2023	22	0315	0356	1827	1908	22	0418	0455	1707	1744
23	0209	0300	1931	2022	23	0317	0358	1825	1906	23	0420	0457	1705	1742
24	0211	0302	1929	2020	24	0320	0400	1822	1902	24	0422	0459	1702	1739
25	0213	0303	1927	2017	25	0322	0402	1820	1900	25	0424	0501	1659	1736
26	0215	0305	1925	2015	26	0324	0404	1817	1857	26	0426	0503	1657	1734
27	0218	0307	1924	2013	27	0326	0406	1815	1855	27	0428	0505	1654	1731
28	0220	0309	1922	2011	28	0327	0407	1812	1852	28	0430	0507	1652	1729
29	0222	0311	1920	2009	29	0330	0409	1810	1849	29	0432	0509	1649	1726
30	0224	0312	1918	2006	30	0332	0411	1807	1846	30	0434	0511	1646	1723
31	0226	0314	1916	2004	31	0334	0413	1805	1844					
OCT					NOV					DEC				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0436	0513	1644	1721	01	0537	0616	1529	1608	01	0630	0715	1442	1527
02	0438	0515	1641	1718	02	0539	0618	1527	1606	02	0631	0716	1441	1526
03	0440	0517	1639	1716	03	0540	0620	1525	1605	03	0633	0718	1441	1526
04	0442	0519	1636	1713	04	0542	0622	1523	1603	04	0634	0719	1440	1525
05	0444	0521	1634	1711	05	0544	0624	1521	1601	05	0636	0721	1439	1524
06	0446	0523	1631	1708	06	0546	0626	1519	1559	06	0636	0722	1439	1525
07	0448	0525	1628	1705	07	0548	0628	1517	1557	07	0637	0723	1438	1524
08	0450	0527	1626	1703	08	0551	0631	1515	1555	08	0639	0725	1438	1524
09	0452	0529	1623	1700	09	0552	0633	1513	1554	09	0640	0726	1438	1524
10	0454	0531	1621	1658	10	0554	0635	1511	1552	10	0641	0727	1437	1523
11	0456	0533	1618	1655	11	0556	0637	1509	1550	11	0642	0728	1437	1523
12	0458	0535	1616	1653	12	0558	0639	1508	1549	12	0643	0729	1437	1523
13	0500	0537	1613	1650	13	0600	0641	1506	1547	13	0645	0731	1437	1523
14	0502	0539	1611	1648	14	0601	0643	1504	1546	14	0646	0732	1437	1523
15	0504	0541	1608	1645	15	0603	0645	1503	1545	15	0645	0732	1437	1524
16	0506	0543	1606	1643	16	0605	0647	1501	1543	16	0646	0733	1437	1524
17	0508	0545	1604	1641	17	0607	0649	1459	1541	17	0647	0734	1437	1524
18	0509	0547	1601	1639	18	0609	0651	1458	1540	18	0648	0735	1437	1524
19	0511	0549	1559	1637	19	0610	0653	1456	1539	19	0648	0735	1438	1525
20	0513	0551	1556	1634	20	0612	0655	1455	1538	20	0649	0736	1438	1525
21	0515	0553	1554	1632	21	0614	0657	1453	1536	21	0650	0737	1439	1526
22	0517	0555	1552	1630	22	0616	0659	1452	1535	22	0650	0737	1439	1526
23	0519	0557	1549	1627	23	0618	0701	1451	1534	23	0651	0738	1440	1527
24	0521	0559	1547	1625	24	0618	0702	1449	1533	24	0651	0738	1441	1528
25	0523	0601	1545	1623	25	0620	0704	1448	1532	25	0651	0738	1441	1528
26	0525	0603	1542	1620	26	0622	0706	1447	1531	26	0651	0738	1442	1529
27	0526	0605	1540	1619	27	0624	0708	1446	1530	27	0651	0738	1443	1530
28	0529	0608	1538	1617	28	0626	0710	1445	1529	28	0652	0738	1444	1530
29	0531	0610	1536	1615	29	0627	0711	1444	1528	29	0652	0738	1445	1531
30	0533	0612	1533	1612	30	0628	0713	1443	1528	30	0652	0738	1446	1532
31	0535	0614	1531	1610						31	0652	0738	1447	1533

Table 3
The islands Bornholm and Ertholmene
(Data REF: EKRN - Bornholm/Rønne)

2024-2031

JAN					FEB					MAR				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0641	0726	1442	1527	01	0613	0653	1537	1617	01	0514	0550	1637	1713
02	0641	0726	1444	1529	02	0611	0651	1539	1619	02	0512	0548	1639	1715
03	0641	0726	1445	1530	03	0609	0649	1541	1621	03	0509	0545	1641	1717
04	0640	0725	1446	1531	04	0608	0647	1543	1622	04	0507	0543	1643	1719
05	0640	0725	1447	1532	05	0607	0646	1545	1624	05	0504	0540	1645	1721
06	0640	0725	1449	1534	06	0605	0644	1547	1626	06	0502	0538	1647	1723
07	0640	0724	1450	1534	07	0603	0642	1549	1628	07	0459	0535	1649	1725
08	0639	0723	1452	1536	08	0601	0640	1551	1630	08	0457	0533	1651	1727
09	0639	0723	1453	1537	09	0559	0638	1553	1632	09	0454	0530	1653	1729
10	0638	0722	1455	1539	10	0557	0636	1555	1634	10	0452	0528	1655	1731
11	0637	0721	1456	1540	11	0555	0633	1558	1636	11	0449	0525	1657	1733
12	0636	0720	1458	1542	12	0553	0631	1600	1638	12	0447	0523	1659	1735
13	0636	0720	1500	1544	13	0551	0629	1602	1640	13	0444	0520	1701	1737
14	0636	0719	1501	1544	14	0549	0627	1604	1642	14	0442	0518	1703	1739
15	0635	0718	1503	1546	15	0547	0625	1606	1644	15	0439	0515	1705	1741
16	0633	0716	1505	1548	16	0545	0623	1608	1646	16	0437	0513	1707	1743
17	0632	0715	1507	1550	17	0542	0620	1610	1648	17	0434	0510	1709	1745
18	0631	0714	1509	1552	18	0541	0618	1612	1649	18	0431	0507	1711	1747
19	0631	0713	1510	1552	19	0539	0616	1614	1651	19	0429	0505	1713	1749
20	0630	0712	1512	1554	20	0537	0614	1617	1654	20	0426	0502	1715	1751
21	0628	0710	1514	1556	21	0534	0611	1619	1656	21	0424	0500	1717	1753
22	0627	0709	1516	1558	22	0532	0609	1621	1658	22	0421	0457	1719	1755
23	0626	0708	1518	1600	23	0530	0607	1623	1700	23	0419	0455	1721	1757
24	0625	0706	1520	1601	24	0527	0604	1625	1702	24	0416	0452	1723	1759
25	0624	0705	1522	1603	25	0525	0602	1627	1704	25	0413	0450	1725	1802
26	0622	0703	1524	1605	26	0523	0600	1629	1706	26	0410	0447	1727	1804
27	0621	0702	1526	1607	27	0520	0557	1631	1708	27	0407	0444	1729	1806
28	0619	0700	1528	1609	28	0518	0555	1633	1710	28	0405	0442	1731	1808
29	0617	0658	1530	1611	29	0516	0552	1635	1711	29	0402	0439	1733	1810
30	0617	0657	1532	1612						30	0400	0437	1735	1812
31	0615	0655	1534	1614						31	0357	0434	1737	1814
APR					MAY					JUN				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0355	0432	1739	1816	01	0237	0320	1837	1920	01	0134	0229	1930	2025
02	0352	0429	1741	1818	02	0234	0318	1839	1923	02	0133	0228	1931	2026
03	0350	0427	1743	1820	03	0232	0316	1841	1925	03	0132	0227	1932	2027
04	0347	0424	1745	1822	04	0230	0314	1843	1927	04	0130	0226	1933	2029
05	0344	0422	1747	1825	05	0227	0311	1845	1929	05	0129	0225	1934	2030
06	0341	0419	1749	1827	06	0224	0309	1847	1932	06	0129	0225	1935	2031
07	0339	0417	1751	1829	07	0222	0307	1849	1934	07	0127	0224	1936	2033
08	0336	0414	1752	1830	08	0219	0305	1851	1937	08	0126	0223	1937	2034
09	0334	0412	1754	1832	09	0217	0303	1853	1939	09	0126	0223	1938	2035
10	0331	0409	1756	1834	10	0215	0301	1854	1940	10	0125	0222	1939	2036
11	0328	0407	1758	1837	11	0213	0300	1856	1943	11	0124	0222	1940	2038
12	0325	0404	1800	1839	12	0211	0258	1858	1945	12	0124	0222	1941	2039
13	0323	0402	1802	1841	13	0209	0256	1900	1947	13	0123	0221	1941	2039
14	0320	0359	1804	1843	14	0206	0254	1902	1950	14	0123	0221	1942	2040
15	0318	0357	1806	1845	15	0204	0252	1903	1951	15	0123	0221	1942	2040
16	0315	0354	1808	1847	16	0203	0251	1905	1953	16	0123	0221	1943	2041
17	0312	0352	1810	1850	17	0200	0249	1907	1956	17	0123	0221	1943	2041
18	0310	0350	1812	1852	18	0158	0247	1909	1958	18	0123	0221	1944	2042
19	0307	0347	1814	1854	19	0156	0246	1910	2000	19	0122	0221	1944	2043
20	0305	0345	1816	1856	20	0154	0244	1912	2002	20	0122	0221	1944	2043
21	0301	0342	1818	1859	21	0153	0243	1914	2004	21	0122	0221	1944	2043
22	0259	0340	1820	1901	22	0150	0241	1915	2006	22	0122	0221	1945	2044
23	0257	0338	1822	1903	23	0149	0240	1917	2008	23	0124	0222	1945	2044
24	0254	0335	1824	1905	24	0146	0238	1918	2010	24	0124	0222	1945	2043
25	0251	0333	1826	1908	25	0145	0237	1920	2012	25	0125	0223	1945	2043
26	0249	0331	1828	1910	26	0144	0236	1921	2013	26	0125	0223	1944	2042
27	0247	0329	1830	1912	27	0141	0234	1923	2016	27	0126	0224	1944	2042
28	0244	0326	1832	1914	28	0140	0233	1924	2017	28	0126	0224	1944	2042
29	0241	0324	1833	1916	29	0138	0232	1926	2020	29	0127	0225	1944	2042
30	0239	0322	1835	1918	30	0137	0231	1927	2021	30	0129	0226	1943	2040
					31	0136	0230	1928	2022					

Table 3
The islands Bornholm and Ertholmene
(Data REF: EKRN - Bornholm/Rønne)

2024-2031

JUL					AUG					SEP				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0129	0226	1943	2040	01	0224	0310	1903	1949	01	0330	0408	1753	1831
02	0130	0227	1942	2039	02	0226	0312	1901	1947	02	0332	0410	1750	1828
03	0131	0228	1942	2039	03	0228	0314	1859	1945	03	0334	0412	1747	1825
04	0133	0229	1941	2037	04	0231	0316	1857	1942	04	0335	0413	1745	1823
05	0134	0230	1941	2037	05	0232	0317	1855	1940	05	0337	0415	1742	1820
06	0135	0231	1940	2036	06	0234	0319	1853	1938	06	0339	0417	1740	1818
07	0136	0232	1939	2035	07	0237	0321	1851	1935	07	0342	0419	1737	1814
08	0138	0233	1938	2033	08	0239	0323	1849	1933	08	0344	0421	1735	1812
09	0140	0235	1937	2032	09	0241	0325	1847	1931	09	0346	0423	1732	1809
10	0141	0236	1936	2031	10	0244	0327	1845	1928	10	0348	0425	1730	1807
11	0143	0237	1935	2029	11	0245	0328	1842	1925	11	0349	0426	1727	1804
12	0144	0238	1934	2028	12	0247	0330	1840	1923	12	0351	0428	1725	1802
13	0147	0240	1933	2026	13	0250	0332	1838	1920	13	0353	0430	1722	1759
14	0148	0241	1932	2025	14	0252	0334	1836	1918	14	0355	0432	1719	1756
15	0149	0242	1931	2024	15	0254	0336	1833	1915	15	0357	0434	1717	1754
16	0152	0244	1929	2021	16	0256	0338	1831	1913	16	0359	0436	1714	1751
17	0153	0245	1928	2020	17	0259	0340	1829	1910	17	0401	0438	1712	1749
18	0155	0247	1927	2019	18	0301	0342	1827	1908	18	0404	0440	1709	1745
19	0157	0248	1925	2016	19	0302	0343	1824	1905	19	0405	0441	1707	1743
20	0159	0250	1924	2015	20	0304	0345	1822	1903	20	0407	0443	1704	1740
21	0201	0251	1922	2012	21	0307	0347	1819	1859	21	0409	0445	1701	1737
22	0203	0253	1921	2011	22	0309	0349	1817	1857	22	0411	0447	1659	1735
23	0205	0255	1919	2009	23	0311	0351	1815	1855	23	0413	0449	1656	1732
24	0207	0256	1917	2006	24	0313	0353	1812	1852	24	0415	0451	1654	1730
25	0209	0258	1916	2005	25	0315	0355	1810	1850	25	0417	0453	1651	1727
26	0212	0300	1914	2002	26	0318	0357	1807	1846	26	0419	0455	1648	1724
27	0213	0301	1912	2000	27	0319	0358	1805	1844	27	0420	0456	1646	1722
28	0215	0303	1911	1959	28	0321	0400	1802	1841	28	0422	0458	1643	1719
29	0218	0305	1909	1956	29	0323	0402	1800	1839	29	0424	0500	1641	1717
30	0220	0307	1907	1954	30	0325	0404	1758	1837	30	0426	0502	1638	1714
31	0221	0308	1905	1952	31	0328	0406	1755	1833					
OCT					NOV					DEC				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0428	0504	1636	1712	01	0527	0606	1523	1602	01	0619	0703	1437	1521
02	0430	0506	1633	1709	02	0529	0608	1521	1600	02	0620	0704	1436	1520
03	0432	0508	1631	1707	03	0531	0610	1518	1557	03	0622	0706	1435	1519
04	0434	0510	1628	1704	04	0533	0612	1516	1555	04	0623	0707	1435	1519
05	0436	0512	1626	1702	05	0535	0614	1515	1554	05	0624	0709	1434	1519
06	0438	0514	1623	1659	06	0537	0616	1513	1552	06	0625	0710	1434	1519
07	0440	0516	1621	1657	07	0538	0618	1511	1551	07	0627	0712	1433	1518
08	0442	0518	1618	1654	08	0540	0620	1509	1549	08	0628	0713	1433	1518
09	0443	0519	1616	1652	09	0542	0622	1507	1547	09	0629	0714	1433	1518
10	0445	0521	1613	1649	10	0544	0624	1505	1545	10	0630	0715	1432	1517
11	0447	0523	1611	1647	11	0546	0626	1503	1543	11	0631	0716	1432	1517
12	0448	0525	1608	1645	12	0547	0628	1502	1543	12	0633	0718	1432	1517
13	0450	0527	1606	1643	13	0549	0630	1500	1541	13	0634	0719	1432	1517
14	0452	0529	1603	1640	14	0551	0632	1458	1539	14	0635	0720	1432	1517
15	0454	0531	1601	1638	15	0553	0634	1457	1538	15	0634	0720	1432	1518
16	0456	0533	1559	1636	16	0555	0636	1455	1536	16	0635	0721	1432	1518
17	0458	0535	1556	1633	17	0557	0638	1453	1534	17	0636	0722	1432	1518
18	0500	0537	1554	1631	18	0558	0640	1452	1534	18	0637	0723	1433	1519
19	0502	0539	1551	1628	19	0600	0642	1451	1533	19	0637	0723	1433	1519
20	0504	0541	1549	1626	20	0602	0644	1449	1531	20	0638	0724	1433	1519
21	0506	0543	1547	1624	21	0603	0645	1448	1530	21	0639	0725	1434	1520
22	0508	0545	1544	1621	22	0605	0647	1446	1528	22	0639	0725	1434	1520
23	0510	0547	1542	1619	23	0606	0649	1445	1528	23	0639	0725	1435	1521
24	0511	0549	1540	1618	24	0608	0651	1444	1527	24	0640	0726	1436	1522
25	0513	0551	1538	1616	25	0610	0653	1443	1526	25	0640	0726	1436	1522
26	0515	0553	1535	1613	26	0612	0655	1442	1525	26	0640	0726	1437	1523
27	0517	0555	1533	1611	27	0613	0656	1441	1524	27	0641	0726	1438	1523
28	0519	0557	1531	1609	28	0615	0658	1440	1523	28	0641	0726	1439	1524
29	0521	0559	1529	1607	29	0616	0700	1439	1523	29	0641	0726	1440	1525
30	0523	0601	1527	1605	30	0617	0701	1438	1522	30	0641	0726	1441	1526
31	0525	0604	1525	1604						31	0641	0726	1442	1527

Table 4
North Sea Area west of 8°E
(Data REF: EKTE - Tyra E)

2024-2031

JAN					FEB					MAR				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0724	0810	1518	1604	01	0654	0735	1614	1655	01	0554	0631	1716	1753
02	0724	0810	1519	1605	02	0653	0734	1616	1657	02	0551	0628	1718	1755
03	0724	0810	1521	1607	03	0652	0732	1618	1658	03	0549	0626	1720	1757
04	0723	0809	1522	1608	04	0650	0730	1620	1700	04	0546	0623	1723	1800
05	0723	0809	1523	1609	05	0648	0728	1622	1702	05	0544	0621	1725	1802
06	0722	0808	1525	1611	06	0646	0726	1625	1705	06	0541	0618	1727	1804
07	0722	0808	1526	1612	07	0644	0724	1627	1707	07	0539	0616	1729	1806
08	0722	0807	1528	1613	08	0642	0722	1629	1709	08	0536	0613	1731	1808
09	0721	0806	1529	1614	09	0641	0720	1631	1710	09	0534	0611	1733	1810
10	0721	0806	1531	1616	10	0638	0717	1633	1712	10	0531	0608	1735	1812
11	0720	0805	1533	1618	11	0636	0715	1635	1714	11	0528	0605	1737	1814
12	0719	0804	1534	1619	12	0634	0713	1638	1717	12	0526	0603	1739	1816
13	0718	0803	1536	1621	13	0632	0711	1640	1719	13	0523	0600	1741	1818
14	0718	0802	1538	1622	14	0630	0709	1642	1721	14	0521	0558	1743	1820
15	0717	0801	1540	1624	15	0628	0707	1644	1723	15	0518	0555	1745	1822
16	0716	0800	1541	1625	16	0626	0704	1646	1724	16	0515	0552	1747	1824
17	0715	0759	1543	1627	17	0624	0702	1649	1727	17	0513	0550	1749	1826
18	0713	0757	1545	1629	18	0622	0700	1651	1729	18	0510	0547	1751	1828
19	0713	0756	1547	1630	19	0619	0657	1653	1731	19	0508	0545	1753	1830
20	0712	0755	1549	1632	20	0617	0655	1655	1733	20	0505	0542	1755	1832
21	0710	0753	1551	1634	21	0615	0653	1657	1735	21	0502	0539	1757	1834
22	0709	0752	1553	1636	22	0612	0650	1659	1737	22	0500	0537	1759	1836
23	0708	0751	1555	1638	23	0610	0648	1701	1739	23	0457	0534	1801	1838
24	0707	0749	1557	1639	24	0608	0646	1704	1742	24	0455	0532	1803	1840
25	0706	0748	1559	1641	25	0606	0643	1706	1743	25	0452	0529	1805	1842
26	0704	0746	1601	1643	26	0604	0641	1708	1745	26	0449	0526	1807	1844
27	0702	0744	1603	1645	27	0601	0638	1710	1747	27	0447	0524	1809	1846
28	0701	0743	1605	1647	28	0559	0636	1712	1749	28	0444	0521	1811	1848
29	0700	0741	1607	1648	29	0556	0633	1714	1751	29	0442	0519	1814	1851
30	0658	0739	1610	1651						30	0438	0516	1816	1854
31	0656	0737	1612	1653						31	0435	0513	1818	1856

APR					MAY					JUN				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0433	0511	1820	1858	01	0313	0357	1920	2004	01	0207	0304	2014	2111
02	0430	0508	1822	1900	02	0310	0355	1922	2007	02	0206	0303	2015	2112
03	0428	0506	1824	1902	03	0308	0353	1924	2009	03	0204	0302	2016	2114
04	0425	0503	1826	1904	04	0306	0351	1926	2011	04	0204	0302	2018	2116
05	0422	0500	1828	1906	05	0302	0348	1928	2014	05	0203	0301	2019	2117
06	0420	0458	1830	1908	06	0300	0346	1930	2016	06	0201	0300	2020	2119
07	0416	0455	1832	1911	07	0258	0344	1932	2018	07	0200	0259	2021	2120
08	0414	0453	1834	1913	08	0255	0342	1934	2021	08	0200	0259	2022	2121
09	0411	0450	1836	1915	09	0253	0340	1936	2023	09	0158	0258	2023	2123
10	0409	0448	1838	1917	10	0250	0338	1937	2025	10	0158	0258	2024	2124
11	0406	0445	1840	1919	11	0248	0336	1939	2027	11	0157	0257	2024	2124
12	0404	0443	1842	1921	12	0246	0334	1941	2029	12	0157	0257	2025	2125
13	0400	0440	1844	1924	13	0243	0332	1943	2032	13	0155	0256	2026	2127
14	0358	0438	1846	1926	14	0242	0331	1945	2034	14	0155	0256	2026	2127
15	0355	0435	1848	1928	15	0239	0329	1947	2037	15	0155	0256	2027	2128
16	0353	0433	1850	1930	16	0237	0327	1949	2039	16	0155	0256	2028	2129
17	0350	0430	1852	1932	17	0235	0325	1950	2040	17	0155	0256	2028	2129
18	0347	0428	1854	1935	18	0233	0324	1952	2043	18	0155	0256	2028	2129
19	0344	0425	1856	1937	19	0231	0322	1954	2045	19	0155	0256	2029	2130
20	0342	0423	1858	1939	20	0228	0320	1956	2048	20	0155	0256	2029	2130
21	0339	0420	1900	1941	21	0227	0319	1957	2049	21	0155	0256	2029	2130
22	0336	0418	1902	1944	22	0224	0317	1959	2052	22	0156	0257	2029	2130
23	0334	0416	1904	1946	23	0223	0316	2001	2054	23	0156	0257	2029	2130
24	0331	0413	1906	1948	24	0221	0314	2002	2055	24	0156	0257	2029	2130
25	0329	0411	1908	1950	25	0219	0313	2004	2058	25	0157	0258	2029	2130
26	0325	0408	1910	1953	26	0217	0311	2005	2059	26	0157	0258	2029	2130
27	0323	0406	1912	1955	27	0215	0310	2007	2102	27	0158	0259	2029	2130
28	0321	0404	1914	1957	28	0214	0309	2008	2103	28	0158	0259	2029	2130
29	0318	0402	1916	2000	29	0212	0308	2010	2106	29	0200	0300	2028	2128
30	0315	0359	1918	2002	30	0210	0306	2011	2107	30	0201	0301	2028	2128
					31	0209	0305	2013	2109					

Table 4
North Sea Area west of 8°E
(Data REF: EKTE - Tyra E)

2024-2031

JUL					AUG					SEP				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0202	0302	2027	2127	01	0259	0347	1946	2034	01	0407	0446	1834	1913
02	0203	0303	2027	2127	02	0302	0349	1944	2031	02	0409	0448	1831	1910
03	0204	0303	2026	2125	03	0304	0351	1942	2029	03	0411	0450	1828	1907
04	0205	0304	2026	2125	04	0307	0353	1940	2026	04	0413	0452	1826	1905
05	0206	0305	2025	2124	05	0308	0354	1938	2024	05	0416	0454	1823	1901
06	0209	0307	2024	2122	06	0310	0356	1936	2022	06	0418	0456	1821	1859
07	0210	0308	2023	2121	07	0313	0358	1934	2019	07	0420	0458	1818	1856
08	0211	0309	2022	2120	08	0315	0400	1931	2016	08	0422	0500	1815	1853
09	0213	0310	2021	2118	09	0317	0402	1929	2014	09	0424	0502	1813	1851
10	0214	0311	2020	2117	10	0320	0404	1927	2011	10	0426	0504	1810	1848
11	0217	0313	2019	2115	11	0322	0406	1925	2009	11	0428	0506	1808	1846
12	0218	0314	2018	2114	12	0324	0408	1922	2006	12	0430	0508	1805	1843
13	0219	0315	2017	2113	13	0327	0410	1920	2003	13	0433	0510	1802	1839
14	0222	0317	2016	2111	14	0329	0412	1918	2001	14	0434	0511	1800	1837
15	0223	0318	2015	2110	15	0331	0414	1915	1958	15	0436	0513	1757	1834
16	0226	0320	2013	2107	16	0332	0415	1913	1956	16	0438	0515	1754	1831
17	0227	0321	2012	2106	17	0335	0417	1911	1953	17	0440	0517	1752	1829
18	0230	0323	2010	2103	18	0337	0419	1908	1950	18	0442	0519	1749	1826
19	0231	0324	2009	2102	19	0339	0421	1906	1948	19	0444	0521	1747	1824
20	0233	0326	2007	2100	20	0342	0423	1904	1945	20	0446	0523	1744	1821
21	0236	0328	2006	2058	21	0344	0425	1901	1942	21	0448	0525	1741	1818
22	0237	0329	2004	2056	22	0346	0427	1859	1940	22	0450	0527	1739	1816
23	0240	0331	2003	2054	23	0348	0429	1856	1937	23	0452	0529	1736	1813
24	0242	0333	2001	2052	24	0350	0431	1854	1935	24	0454	0531	1733	1810
25	0244	0334	1959	2049	25	0353	0433	1851	1931	25	0456	0533	1731	1808
26	0246	0336	1957	2047	26	0355	0435	1849	1929	26	0458	0535	1728	1805
27	0248	0338	1956	2046	27	0357	0437	1846	1926	27	0500	0537	1726	1803
28	0251	0340	1954	2043	28	0359	0439	1844	1924	28	0501	0538	1723	1800
29	0252	0341	1952	2041	29	0401	0441	1841	1921	29	0503	0540	1720	1757
30	0255	0343	1950	2038	30	0404	0443	1839	1918	30	0505	0542	1718	1755
31	0257	0345	1948	2036	31	0405	0444	1836	1915					
OCT					NOV					DEC				
Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO	Day	TWIL FROM	SR	SS	TWIL TO
01	0507	0544	1715	1752	01	0609	0648	1600	1639	01	0702	0747	1513	1558
02	0509	0546	1713	1750	02	0610	0650	1558	1638	02	0703	0748	1512	1557
03	0511	0548	1710	1747	03	0612	0652	1556	1636	03	0705	0750	1511	1556
04	0513	0550	1707	1744	04	0614	0654	1554	1634	04	0706	0751	1511	1556
05	0515	0552	1705	1742	05	0616	0656	1552	1632	05	0707	0753	1510	1556
06	0517	0554	1702	1739	06	0618	0658	1550	1630	06	0708	0754	1510	1556
07	0519	0556	1700	1737	07	0620	0700	1548	1628	07	0710	0756	1509	1555
08	0521	0558	1657	1734	08	0621	0702	1546	1627	08	0711	0757	1509	1555
09	0523	0600	1655	1732	09	0623	0704	1544	1625	09	0712	0758	1508	1554
10	0525	0602	1652	1729	10	0626	0707	1542	1623	10	0713	0759	1508	1554
11	0527	0604	1650	1727	11	0628	0709	1540	1621	11	0714	0800	1508	1554
12	0529	0606	1647	1724	12	0630	0711	1539	1620	12	0716	0802	1508	1554
13	0531	0608	1645	1722	13	0631	0713	1537	1619	13	0716	0803	1508	1555
14	0533	0610	1642	1719	14	0633	0715	1535	1617	14	0717	0804	1508	1555
15	0535	0612	1640	1717	15	0635	0717	1533	1615	15	0718	0805	1508	1555
16	0537	0614	1637	1714	16	0637	0719	1532	1614	16	0718	0805	1508	1555
17	0538	0616	1635	1713	17	0639	0721	1530	1612	17	0719	0806	1508	1555
18	0540	0618	1632	1710	18	0640	0723	1529	1612	18	0720	0807	1508	1555
19	0543	0621	1630	1708	19	0642	0725	1527	1610	19	0721	0808	1509	1556
20	0545	0623	1627	1705	20	0644	0727	1526	1609	20	0721	0808	1509	1556
21	0547	0625	1625	1703	21	0646	0729	1524	1607	21	0722	0809	1509	1556
22	0549	0627	1623	1701	22	0648	0731	1523	1606	22	0722	0809	1510	1557
23	0551	0629	1620	1658	23	0648	0732	1522	1606	23	0723	0810	1511	1558
24	0553	0631	1618	1656	24	0650	0734	1520	1604	24	0723	0810	1511	1558
25	0555	0633	1616	1654	25	0652	0736	1519	1603	25	0723	0810	1512	1559
26	0556	0635	1613	1652	26	0654	0738	1518	1602	26	0723	0810	1513	1600
27	0558	0637	1611	1650	27	0656	0740	1517	1601	27	0723	0810	1514	1601
28	0600	0639	1609	1648	28	0658	0742	1516	1600	28	0724	0811	1515	1602
29	0602	0641	1607	1646	29	0658	0743	1515	1600	29	0724	0811	1516	1603
30	0604	0643	1605	1644	30	0700	0745	1514	1559	30	0724	0810	1517	1603
31	0607	0646	1602	1641						31	0724	0810	1518	1604

3.2 AERONAUTICAL CHARTS

1. The following Aeronautical charts are included in the AIP after the AD 3 section:

1.1. Low Flying Chart Europe Sheet 1 Denmark (LFC).

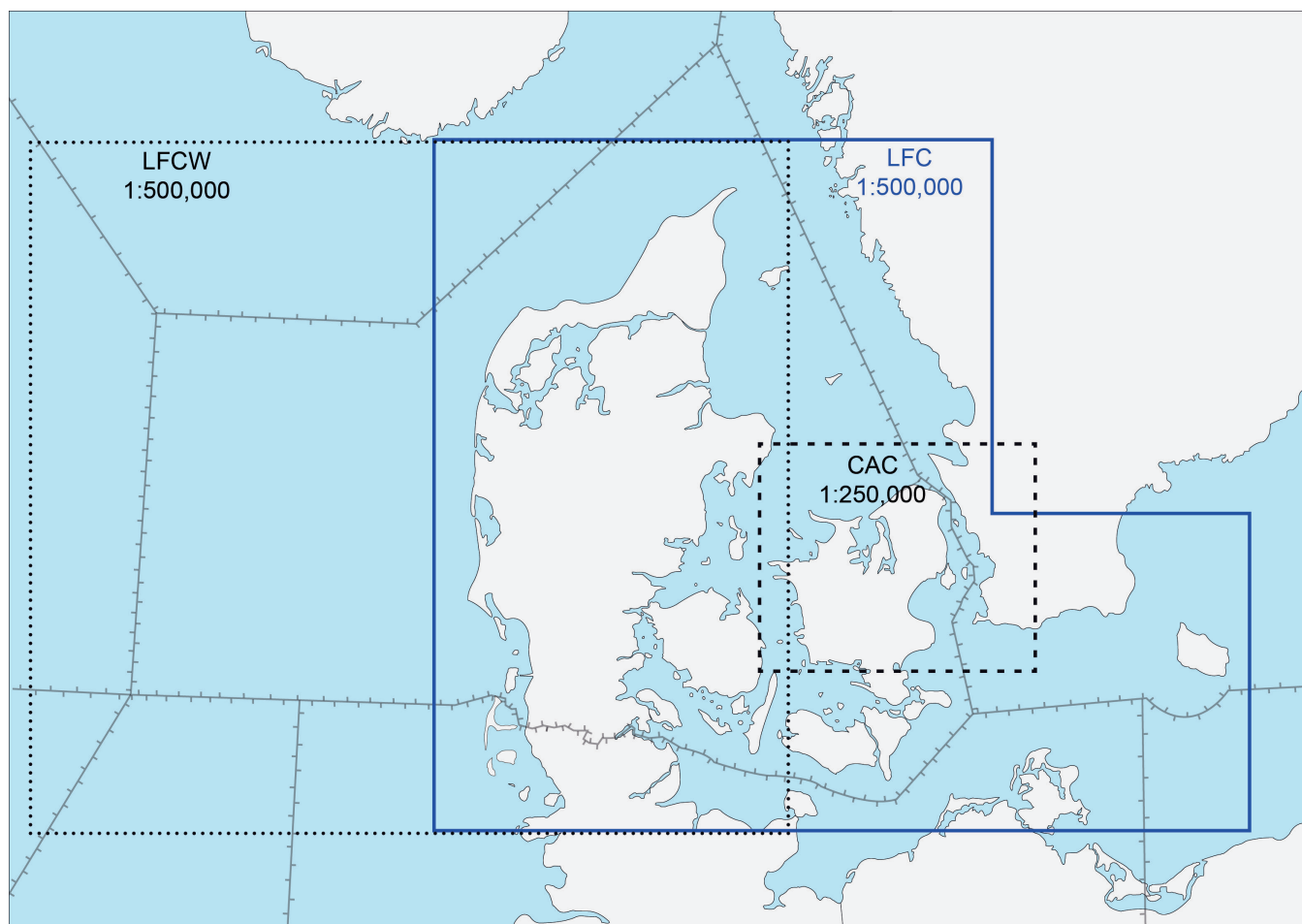
Scale 1:500.000 covering the Danish landmass including the Danish island Bornholm in the Baltic Sea. Compiled and produced by Danish Defence.

1.2. Low Flying Chart Europe Sheet 2 Denmark (LFCW).

Scale 1:500.000. An extension of Sheet 1, covering the Danish mainland and the North Sea area within DK FIR and airspace delegated to Copenhagen ACC. Compiled and produced by Danish Defence.

1.3. ANC 1:250.000 Copenhagen Area (CAC).

Covering Copenhagen area including airspace delegated from Malmoe ACC, Sweden. Compiled and produced by Naviair.



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DESIGNATION AND LATERAL LIMITS	VERTICAL LIMITS AND CLASSIFICATION	UNIT/FREQ. LANGUAGE
2. ROSKILDE TMA		
A. 555906N 0114933E - 554538N 0114221E - 554258N 0114056E - 552214N 0115617E - 551143N 0115846E - 551458N 0114051E - 552538N 0112436E - 555048N 0112146E - 555906N 0114933E.	<u>FL 55</u> 2500 FT AMSL C	ROSKILDE APPROACH 125.530 EN, DA H24
B. 560923N 0122446E - 555718N 0122456E - 555438N 0120216E - 554839N 0114901E - 554538N 0114221E - 555906N 0114933E - 560923N 0122446E.	<u>4500 FT AMSL</u> 2500 FT AMSL C	
C. 555718N 0122456E - 555047N 0121702E - 554839N 0114901E - 555438N 0120216E - 555718N 0122456E	<u>3500 FT AMSL</u> 2500 FT AMSL C	
D. 555047N 0121702E - 554338N 0120826E - 552723N 0120806E - 552214N 0115617E - 554258N 0114056E - 554538N 0114221E - 554839N 0114901E - 555047N 0121702E.	<u>3500 FT AMSL</u> 1500 FT AMSL C	
E. 555144N 0123016E - 552723N 0120806E - 554338N 0120826E - 555047N 0121702E - 555144N 0123016E.	<u>2500 FT AMSL</u> 1500 FT AMSL C	

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ENR 2.2 CONTROL ZONES (CTR), RADIO MANDATORY ZONES (RMZ), FLIGHT INFORMATION ZONES (FIZ), HELICOPTER TRAFFIC ZONE (HTZ)

1. Control Zone (CTR) is a volume of controlled airspace around an airport extending from the surface of the earth to a specified upper limit, set up to protect air traffic operating to and from that airport. All CTR's in Denmark are Class D airspace.

1.1 Control Zones

Note: Control Zones at military air bases are found in the AD section

NAME AND LATERAL LIMITS	UPPER LIMIT (FT AMSL) CLASSIFICATION	ATC UNIT/FREQ. LANGUAGE
BILLUND CTR 555031.7N 0092942.0E - 553933.7N 0093040.8E - 553816.0N 0084914.3E - 554913.6N 0084803.9E - 555031.7N 0092942.0E.	1 500 D	BILLUND TOWER 119.005 129.505 EN, DA
KASTRUP CTR 554356N 0124834E - FIR boundary - 553649N 0125249E - 552858N 0124356E - 552858N 0122556E - 553558N 0122156E - 554158N 0122556E - 554356N 0124834E.	1 500 D	KASTRUP TOWER 118.105 119.355 118.705 118.580 EN, DA
ROSKILDE CTR 553900N 0115830E - 554030N 0120430E - 554100N 0121130E - 553940N 0121500E - 553630N 0121700E - 553400N 0121800E - 553100N 0121600E - 552930N 0121000E - 552900N 0120400E - 553100N 0115800E - 553630N 0115630E - 553900N 0115830E.	1 500 D	ROSKILDE TOWER 118.900 119.650 EN, DA
RØNNE CTR 551114N 0143811E - 550601N 0145832E, then arc of circle, 8.1 NM radius, centered at 550404N 0144448E clockwise to 551114N 0143811E. Situated within Malmö FIR.	1 500 D	RØNNE TOWER 118.325 257.800 EN, DA
AARHUS CTR 562338N 0102225E - 562308N 0102755E - 562528N 0103555E - 562448N 0104256E - 562108N 0104856E - 562038N 0105406E - 561228N 0105146E - 561258N 0104626E - 561048N 0103846E - 561128N 0103126E - 561518N 0102525E - 561548N 0101955E - 562338N 0102225E.	1 500 D	AARHUS TOWER 118.530 EN, DA

2. Radio Mandatory Zone (RMZ): An airspace of defined dimensions wherein the carriage and operation of radio equipment is mandatory.

3. Flight Information Zone (FIZ): An airspace of defined dimension within which aerodrome flight information service and alerting service for aerodrome traffic are provided.

Note: FIZ is also designated as Radio Mandatory Zones (RMZ).

3.1 Flight Information Zones

NAME AND LATERAL LIMITS	UPPER / LOWER LIMIT (FT MSL) CLASSIFICATION	ATC UNIT/FREQ. LANGUAGE
ESBJERG FIZ/RMZ A. 553241N 0080552E - 553323N 0081808E - 553628N 0082725E - 553728N 0083455E - 553549N 0085126E - 553239N 0085715E - 552722N 0085712E - 552420N 0075957E - 553241N 0080552E. B. 553323N 0081808E - 553628N 0082725E - 553728N 0083455E - 553633N 0084411E - 552653N 0084720E - 552530N 0082046E - 553323N 0081808E.	<u>3 500</u> 1 500 G <u>1 500</u> GND G	ESBJERG INFORMATION 120.155 121.500 EN, DA
TYRA FIZ/RMZ A. 555044N 0041126E along an arc of a circle, radius 25 NM centred at 553446N 0044525E to 551805N 0051805E - 551755N 0050000E - 552428N 0044425E - 552947N 0043641E - 555044N 0041126E B. 554019N 0042404E - 554742N 0044123E - 554813N 0044636E along and arc of a circle, radius 5 NM centred at 554317N 0044806E to 554612N 0045518E - 553051N 0051436E along an arc of a circle radius 5 NM centred at 552758N 0050728E to 552330N 0050329E - 553140N 0043426E to 554019N 0042404E	<u>3 500</u> 1 000 G <u>1 000</u> GND G	TYRA INFORMATION 118.425 134.025 EN, DA
ODENSE FIZ/RMZ 552949N 0100911E - 553533N 0102632E - 552959N 0103214E - 552415N 0101455E - 552949N 0100911E .	<u>3 500</u> GND G	ODENSE INFORMATION 119.525 EN, DA
SINDAL FIZ/RMZ 573407N 0100410E - 573443N 0102142E - 572830N 0102226E - 572753N 0100456E - 573407N 0100410E	<u>3 500</u> GND G	SINDAL INFORMATION 118.750
SØNDERBORG FIZ/RMZ 545121N 0095218E - 550129N 0093707E - 550346N 0094802E - 545522N 0100026E - 545121N 0095218E	<u>3500</u> GND G	SØNDERBORG INFORMATION 126.400 121.500 EN, DA
VAMDRUP FIZ/RMZ A circle, 1,5 NM radius centered at 552611N 0091955E.	<u>1 500</u> GND G	VAMDRUP INFORMATION 118.650 EN, DA



ENR 3.4 HELICOPTER ROUTES

1. GENERAL

Helicopter routes have been established for the most used helicopter tracks in that part of the North Sea, where ATS is provided by Denmark (see chart ENR 3.3-9 and route description on the following pages). Helicopter routes in uncontrolled airspace are not mutually separated horizontally. Where helicopter routes are based on "Basic Area Navigation" with a navigational tolerance of 5 NM on each side of the centre line, this will be indicated in the column remarks in the route description.

Other traffic than civil helicopter operations are advised to:

- a. avoid flying along or in close vicinity of a helicopter route, and
- b. cross a helicopter route at an angle as close to 90° as possible and to keep an alert look out.

Furthermore, military air traffic are advised to avoid crossing helicopter routes between altitude 1000 FT AMSL and FL 90.

2. CRUISING LEVEL IN HELICOPTER ROUTES

Except during take-off and landing, civil helicopter operations should normally be carried out in levels not below 1500 FT MSL and not above FL85. If icing or other safety conditions necessitates flight below 1500 FT MSL, the ATS-unit concerned shall be informed about the new cruising level and the reason for the change.

▲ Compulsory REP				
Route designation (RNP/RNAV) Name of significant point Coordinates	Track °M ↑/↓ Distance (NM)	Upper limit Lower limit Airspace classification	Minimum Flight altitude	Remarks Controlling unit / channel
KY610 (RNAV 5)				
▲ ASKEK 554726N 0035934E	160°/339° 28.6	<u>FL85</u> GND G	Not determined*	Extremity KY610 Copenhagen Information channel: 134.030
▲ ADIKU 552050N 0041759E				For continuation see AIP Netherlands
KY615 (RNAV 5)				
▲ ASKEK 554726N 0035934E	180°/360° 18.4	<u>FL85</u> GND G	Not determined*	Extremity KY615 Copenhagen Information channel: 134.030
▲ BELAP 552906N 0035946E				For continuation see AIP Netherlands
KY773 (RNAV 5)				
▲ OMIMA (FIR BDRY) 550000N 0063655E	010°/190° 10.9	<u>FL 85</u> GND G	Not determined*	For continuation, see AIP Germany
▲ USULI 551044N 0064004E	034°/214° 20.5			Copenhagen Information 124.005/246.350
▲ ANESI 552746N 0070000E				Extremity KY773
KY776 (RNAV 5)				
▲ ADUNU (FIR BDRY) 550000N 0051217E	301°/121° 8.2	<u>FL 85</u> GND G	Not determined*	For continuation, see AIP Germany
▲ GOVRA 550412N 0050000E	300°/120° 16.9			Copenhagen Information 134.030
▲ DIKAT 551240N 0043432E				Extremity KY776

* Area minimum altitude in all quadrants over the North Sea is 1400 ft AMSL. Area minimum altitude over land:
Refer to LFC Europe, Sheet 1 – Denmark

ENR 4. RADIO NAVIGATION AIDS/SYSTEMS**ENR 4.1 Radio Navigation Aids – En Route**

Station (VAR)	ID	Facility	Frequency/ Channel	Hours	Geo. Coord. (WGS-84)	Elev. (ft)	FRA relevance A = ARR connecting point D = DEP connecting point I = Intermediate point	Remarks
Aalborg (4°E 2022)	AAL	VOR	116.70/ CH 114X	H24	570613.39N 0095944.08E		(I)	DOC FL 500/100 NM. Unreliable from R-160 to R-200 form 23 NM and out. DME from AAL TACAN. Rerouting point.
Aalborg (4°E 2023)	AAL	TACAN	CH 114X	H24	570614.16N 0095934.11E	56.8		DOC FL 500/200 NM
Alsie (4°E 2022)	ALS	VOR	114.70	H24	545419.49N 0095936.16E		(DI)	DOC FL 500/60 NM, 80 NM 313°-063°M and 80 NM 198°-243°M.
Bella	BEL	DME	114.65/ CH93Y	H24	554728.45N 0120544.74E	135		DOC FL 195-1500 FT / 60 NM
Codan (3°E 2016)	CDA	VOR/ DME	114.90/ CH 96X	H24	550005.40N 0122245.16E	90.2	(DI)	DOC FL 500/60 NM
Esbjerg	HP	L	376 KHz	H24	553041N 0082445E			DOC 30 NM
Esebo	ESE	DME	116.60/ CH113X	H24	553121N 0083331E	175.5		DOC 100 NM
Karup (4°E 2023)	KAR	TACAN	CH37X	H24	561748.03N 0090030.95E	172.8		DOC FL 500FT/200NM
Kastrup (5°E 2022)	KAS	VOR/ DME	112.50/ CH 72X	H24	553525.87N 0123648.97E	28.9	(I)	DOC FL 500/60 NM
Korsa (4°E 2022)	KOR	VOR/ DME	112.80/ CH 75X	H24	552621.71N 0113753.51E	136.2	(AI)	DOC FL 500/80 NM
Lemme	LME	DME	115.350/ CH 100Y	H24	555933.503N 0082115.751E	76.1		DOC FL195/60NM
Odin (4°E 2022)	ODN	VOR/ DME	115.50/ CH 102X	H24	553451.64N 0103910.76E	24.0	(DI)	DOC FL 500/60 NM, 80 NM 018°-063°M and 80 NM 213°-243°M. Reduced range to 24 NM in direction 198 degrees at 3000 FT or below.
Ramme	RAM	DME	111.850/ CH 55Y	H24	562842.14N 0081114.51E	60.4		DOC FL 500/60 NM

Station (VAR)	ID	Facility	Frequency/ Channel	Hours	Geo. Coord. (WGS-84)	Elev. (ft)	FRA relevance A = ARR connecting point D = DEP connecting point I = Intermediate point	Remarks
Rønne (4°E 2016)	ROE	VOR	112.00	H24	550356.08N 0144531.29E		(AI)	DOC FL500/80 NM, 150 NM 017°-152°M DME INFO from TACAN ROE
Rønne (5.5°E 2023)	ROE	TACAN	CH 57X	H24	550342.73N 0144521.07E	78.6		DOC FL 500/80 NM
Skrydstrup (4°E 2023)	SKR	TACAN	110.40/ CH 41X	H24	551344.18N 0091250.61E	138.4	(I)	DOC FL 500/80 NM
Trano (4°E 2022)	TNO	VOR/ DME	117.400/ CH 121X	H24	554627N 0112621E	-11.9	(AI)	DOC FL 500/60 NM
Vamdrup	VAM	DME	110.050/ CH 37Y	H24	552616.585N 0092006.051E	174.5		DOC FL195/60NM

Identification Name	Lateral Limits (WGS-84)	Upper limit Lower limit	Remarks (Time of activity and ATS-unit)
EK R48 TRANUM SYD	57 07 58N 009 31 55E	<u>12000 FT MSL</u> GND	AMC manageable area Activation by NOTAM/ Daily NAV Warning. AALBORG APP/TWR
	57 09 58N 009 20 55E		
	57 12 04N 009 20 55E		
	57 15 21N 009 28 11E		
	57 10 24N 009 38 05E		
	57 07 58N 009 31 55E		
EK R48Z TRANUM SYD FBZ	57 07 26N 009 17 28E	<u>FL 135</u> 3500 FT MSL	For IFR flight planning purposes only.
	57 09 00N 009 15 23E		
	57 12 44N 009 15 23E		
	57 13 56N 009 16 25E		
	57 18 23N 009 26 14E		
	57 18 19N 009 30 25E		
	57 11 38N 009 43 46E		
	57 08 48N 009 43 27E		
	57 05 07N 009 34 05E		
	57 04 53N 009 31 26E		
	57 07 26N 009 17 28E		
EK R53 LYSEGRUND SYD	56 19 08N 011 57 46E	<u>6000 FT MSL</u> GND	AMC manageable area Activation by NOTAM/ Daily NAV Warning. ACC KØBENHAVN
	56 18 13N 012 00 36E		
	56 13 08N 012 03 16E		
	56 11 43N 011 59 56E		
	56 13 38N 011 46 06E		
	56 19 08N 011 57 46E		
EK R53Z LYSEGRUND SYD FBZ	56 20 31N 012 04 13E	<u>FL 075</u> 3500 FT MSL	For IFR flight planning purposes only.
	56 19 37N 012 05 30E		
	56 13 05N 012 08 55E		
	56 11 19N 012 07 52E		
	56 08 55N 012 02 14E		
	56 08 38N 011 59 49E		
	56 11 09N 011 41 36E		
	56 14 43N 011 40 06E		
	56 22 02N 011 55 35E		
	56 22 12N 011 59 00E		
	56 20 31N 012 04 13E		
EK R70 BLOKHUS	57 06 58N 009 20 55E	<u>30000 FT MSL</u> GND	AMC manageable area Activation by NOTAM/ Daily NAV Warning. KØBENHAVN ACC AALBORG APP/TWR
	57 10 58N 009 14 25E		
	57 14 28N 009 14 25E		
	57 18 58N 009 23 55E		
	57 18 58N 009 29 55E		
	57 10 58N 009 36 55E		
	57 06 58N 009 31 55E		
	57 06 58N 009 20 55E		

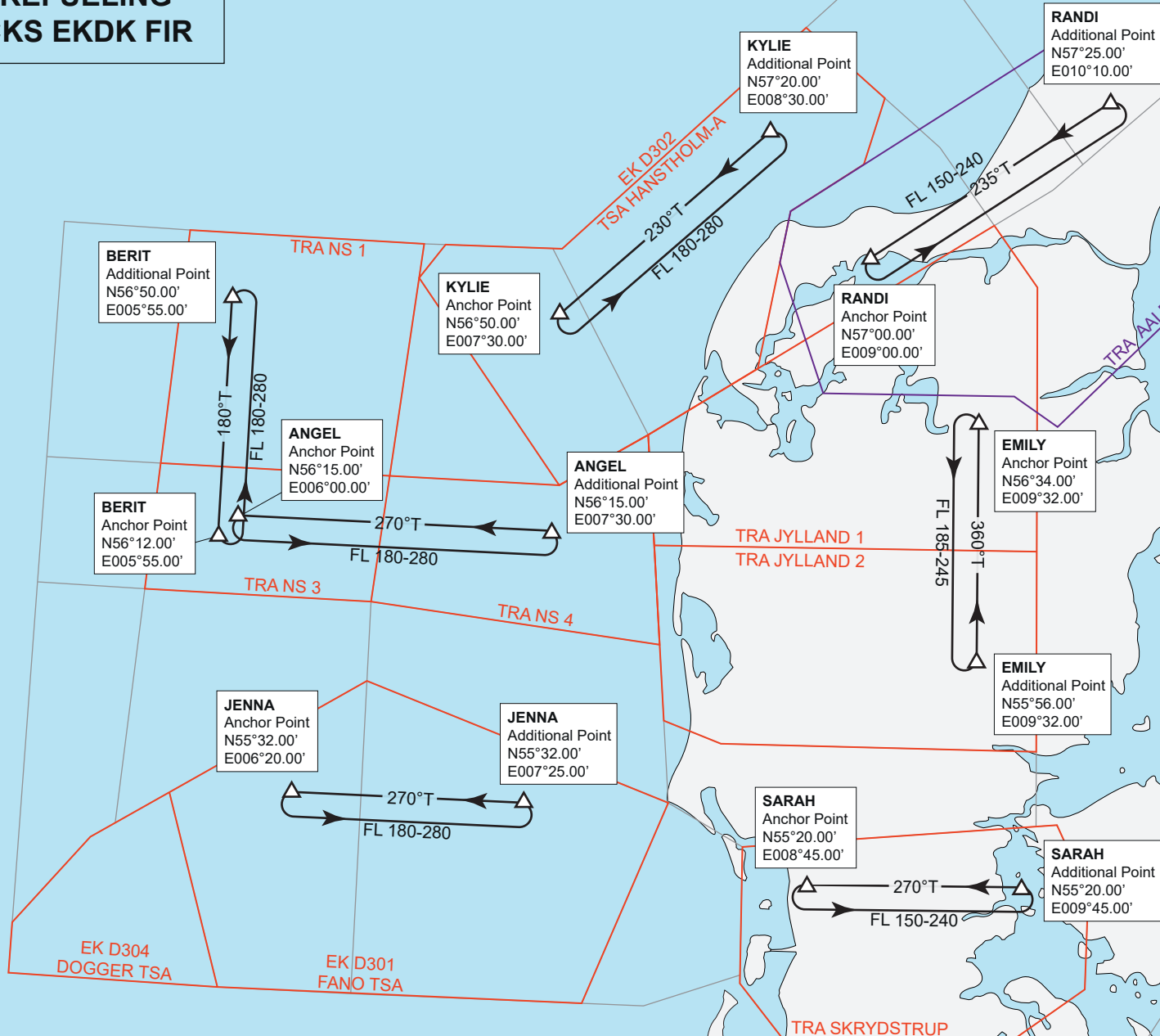
Identification Name	Lateral Limits (WGS-84)	Upper limit Lower limit	Remarks (Time of activity and ATS-unit)
EK R70Z BLOKHUS FBZ	57 09 23N 009 09 36E	<u>FL 315</u> 3500 FT MSL	For IFR flight planning purposes only.
	57 10 25N 009 08 53E		
	57 15 07N 009 08 52E		
	57 16 18N 009 09 51E		
	57 21 35N 009 21 01E		
	57 21 58N 009 22 54E		
	57 21 58N 009 31 32E		
	57 21 02N 009 34 15E		
	57 11 32N 009 42 33E		
	57 09 56N 009 42 19E		
	57 04 40N 009 35 43E		
	57 03 58N 009 33 17E		
	57 03 58N 009 19 44E		
	57 04 30N 009 17 34E		
	57 09 23N 009 09 36E		
EK R78 NYMINDEGAB VEST	55 54 00N 008 01 30E	<u>3000 FT MSL</u> GND	AMC manageable area. Activation by NOTAM/ Daily NAV Warning. ACC KØBENHAVN Target towing. In connection with flights to and from Nymindegab private airfield supplementary information about periods of activities may be obtained from: Hjemmeværnsskolen, Kommandantskabet, TEL +45 76 52 34 56
	55 54 00N 008 09 30E		
	55 47 00N 008 11 00E		
	55 47 00N 008 01 30E		
	55 54 00N 008 01 30E		
EK R79 NYMINDEGAB ØST	55 51 58N 008 09 35E	<u>3000 FT MSL</u> GND	AMC manageable area. Activation by NOTAM/ Daily NAV Warning. ACC KØBENHAVN Target towing. In connection with flights to and from Nymindegab private airfield supplementary information about periods of activities may be obtained from: Hjemmeværnsskolen, Kommandantskabet, TEL +45 76 52 34 56
	55 52 00N 008 13 42E		
	55 48 00N 008 13 47E		
	55 47 59N 008 10 26E		
	55 51 58N 008 09 35E		
EK R80 KALLESMÆRSK ØST	55 32 18N 007 59 25E	<u>16500 FT MSL</u> GND	AMC manageable area Activation by NOTAM/ Daily NAV Warning. ACC KØBENHAVN
	55 34 06N 007 59 15E		
	55 41 28N 008 04 00E		
	55 43 58N 008 02 37E		
	55 39 58N 007 55 55E		
	55 33 39N 007 49 52E		
	55 32 18N 007 59 25E		

Identification Name	Lateral Limits (WGS-84)	<u>Upper limit</u> <u>Lower limit</u>	Remarks (Time of activity and ATS-unit)
EK R81 KALLESMÆRSK VEST	55 33 39N 007 49 52E 55 39 58N 007 55 55E 55 43 58N 008 02 37E 55 48 03N 008 00 20E 55 46 40N 007 56 15E then counterclockwise along an arc, with a radius of 13,5 NM centered at 55 35 01N 008 08 12E to 55 38 55N 007 45 25E 55 34 36N 007 43 32E 55 33 39N 007 49 52E	<u>16500 FT MSL</u> GND	AMC manageable area Activation by NOTAM/ Daily NAV Warning. ACC KØBENHAVN
EK R95 RAGHAMMER ODDE	55 00 58N 014 44 56E 55 03 28N 015 00 26E 54 55 58N 015 03 56E 54 54 28N 014 54 56E 54 56 58N 014 46 26E 55 00 58N 014 44 56E	<u>23000 FT MSL</u> GND	
EK R96 HULLEBÆK	55 00 33N 014 50 36E 55 01 38N 014 55 41E 55 01 38N 014 57 11E 54 58 48N 014 58 46E 54 58 13N 014 54 11E 55 00 33N 014 50 36E	<u>10500 FT MSL</u> GND	

DANGER AREAS

Identification Name	Lateral Limits (WGS-84)	Upper limit Lower limit	Remarks (Time of activity and ATS-unit)
EK D301 FANOE – TSA	55 32 27N 008 05 42E	<u>FL660</u> GND	AMC-manageable area Activation by NOTAM/ Daily NAV Warning. The lower limit of the area will be restricted to FL55, when commercial helicopter operations to/from oil- and gas installations, windfarms and animal migration flights in the North Sea will take place. These flights shall be in contact with Copenhagen Information before entering EK D301.
	55 00 00N 007 42 57E		
	55 00 00N 006 02 26E		
	55 30 33N 005 45 45E		
	55 50 01N 006 39 24E		
	55 32 27N 008 05 42E		
EK D301Z FANOE – TSA FBZ	A.	<u>FL 660</u> FL 195	For IFR flight planning purposes only.
	54 58 02N 007 47 13E		
	54 56 59N 007 44 31E		
	54 56 59N 006 00 46E		
	54 58 10N 005 57 57E		
	55 30 37N 005 40 10E		
	55 32 31N 005 41 22E		
	55 52 55N 006 37 34E		
	55 53 05N 006 40 00E		
	55 34 49N 008 09 39E		
	55 32 30N 008 11 28E		
	54 58 02N 007 47 13E		
	B.	<u>FL 195</u> 3500 FT MSL	
	55 00 00N 007 48 35E		
	55 00 00N 007 42 57E		
	55 35 14N 008 07 41E		
	55 34 49N 008 09 39E		
	55 32 30N 008 11 28E		
	55 00 00N 007 48 35E		
EK D302 HANSTHOLM A - TSA	56 22 22N 007 31 41E	<u>FL660</u> GND	AMC manageable area Activation by NOTAM/ Daily NAV Warning.
	56 54 20N 006 48 50E		
	57 00 00N 006 56 07E		
	57 00 00N 007 30 00E		
	57 36 23N 008 39 59E		
	57 25 22N 009 03 27E		
	57 14 46N 008 57 33E		
	57 07 13N 008 36 25E		
	56 41 41N 008 27 41E		
	56 33 47N 008 05 29E		
	56 22 22N 007 31 41E		

AIR REFUELING TRACKS EKDK FIR



CHANGES: DEBBI AND STORMY RENAMED KYLIE AND EMILY.

ENR 5.4 AIR NAVIGATION OBSTACLES**1. NOTIFICATION**

Notification and marking of AIR NAVIGATION OBSTACLES will be made in accordance with the following rules:

- Obstacles of 328 ft (100m) AGL and higher will be entered in MIL AIP DENMARK.
- Obstacles below 328 ft AGL will be entered in MIL AIP DENMARK when deemed necessary, i.e. mainly when situated in the vicinity of airfields etc.

2. MARKING

Obstacles of 492 ft (150 m) AGL or higher will be marked according to regulations laid down in ICAO ANNEX 14.

Certain obstacles below 492 ft AGL will be marked as mentioned above, when situated in the vicinity of airfields etc.

3. SPECIFICATIONS OF OBSTACLES

Above mentioned AIR NAVIGATION OBSTACLES within KØBENHAVN FIR and on the island of BORNHOLM may be found on subsequent pages.

Note: An asterisk () is used to indicate coordinates that do not meet the accuracy requirements as stated in ICAO Annex 15.*

DESIGNATION	TYPE	POSITION (WGS-84)	HEIGHT(FT) MSL GND	OBST LGT
AALBORG (Nordjyllandsværket 1)	Chimney	570431N 0100226E	565 558	LIH FLG W
AALBORG (Nordjyllandsværket 2)	6 Wind Turbines in a row	570448.82N 0100150.94E 570431.74N 0100211.31E 570416.59N 0100245.17E 570402.74N 0100312.59E	371 365	LIM FLG R on turbine cap in each end of the row only
AALBORG (Rørdal)	Chimneys	570337N 0095834E*	405 394	No
AALBORG (Østhavn)	3 Wind Turbines in a row	570220.6N 0100432.4E 570210.1N 0100501.8E	403 400	LIM FLG R on each turbine cap
AALESTRUP	4 Wind Turbines	564122N 0093139E 564051N 0093110E	550 410	LIL FLG R
AARHUS (DLG)	Chimney	560905N 0101303E*	388 381	No
AARHUS (Domkirken)	Church	560926N 0101241E*	348 335	No
AARHUS (Havn)	8 Cranes in a row	560854N 0101354E 560927N 0101446E	398 391	LIL F R
AARHUS (KFK)	Chimney	560906N 0101307E*	375 368	No
AARHUS LIGHTHOUSE	Building	560956N 0101355E	506 494	LIM FLG R
AARHUS (Midtkraft)	Chimney	560858N 0101246E*	351 341	No
ABILDAA	4 Wind Turbines	560822N 0083802E 560832N 0083750E 560842N 0083738E 560852N 0083726E	547 410	LIL F R

DESIGNATION	TYPE	POSITION (WGS-84)	HEIGHT(FT) MSL GND	OBST LGT
AGGERSUND	18 Wind Turbines	570030N 0091318E 570039N 0091309E 570048N 0091300E 570057N 0091252E 570106N 0091244E 570116N 0091235E 570125N 0091226E 570135N 0091218E 570144N 0091209E 570153N 0091201E 570041N 0091334E 570050N 0091326E 570059N 0091317E 570109N 0091308E 570118N 0091300E 570127N 0091251E 570136N 0091243E 570146N 0091234E	497 492	LIL F R
ALKÆRLUNDVEJ, BRANDE	Mast	555408N 0090510E	509 358	LIL F R
ANHOLT Vindmøllepark	Wind farm 111 Wind Turbines	564208N 0110931E 564206N 0111107E 563737N 0111414E 563424N 0111923E 563029N 0111102E 563523N 0111058E 564034N 0110853E 564042N 0111025E	465 465	On corners of the Windfarm PERI- meter and on Sides where Distance is more Than 5 km: LIM FLG W. All tur- bines LIL FLG R.
ASAA	5 Wind Turbines	570955N 0102353E 570956N 0102413E 570959N 0102433E 571004N 0102451E 571010N 0102507E	486 460	LIL F R
ASNÆSVÆRKET 1	Chimney	553940N 0110453E*	735 722	LIH FLG W
ASNÆSVÆRKET 2	Chimney	553943N 0110458E*	506 499	LIH FLG W
ASNÆSVÆRKET 3	Chimney	553934N 0110511E	343 336	LIL F R
ASSING	3 Wind Turbines	560020N 0084720E 560026N 0084705E 560033N 0084649E	545 410	LIL F R
AULUM ST. SOELS	7 Wind turbines	561630N 0084427E 561639N 0084418E 561648N 0084408E 561657N 0084359E 561706N 0084349E 561715N 0084339E 561724N 0084330E	651 459	LIL F R
AVEDØRE HOLME	3 Wind Turbines	553610N 0122714E 553608N 0122739E 553606N 0122806E	503 503	LIH FLG W
BAJLUM	5 Wind Turbines	564058N 0085810E 564107N 0085804E 564117N 0085758E 564048N 0085817E 564039N 0085823E	503 430	LIL F R
BALE	Mast	561833.19N 0102320.47E	595 252	LIM F R
BINDESBØL	8 Wind- Turbines	555331N 0083553E 555344N 0083509E 555335N 0083455E 555323N 0083542E 555331N 0083553E	509 461	LIL F R
BLYKOBBE	Mast	550802N 0144247E*	401 348	LIL F R

DESIGNATION	TYPE	POSITION (WGS-84)	HEIGHT(FT) MSL GND	OBST LGT
(RØDSAND 2 cont.)		543449N 0112843E		LIL F R
		543438N 0112912E		
		543428N 0112942E		
		543419N 0113013E		
		543411N 0113041E		
		543403N 0113112E		
		543355N 0113142E		
		543349N 0113210E		
		543344N 0113235E		
		543336N 0113310E		
		543332N 0113338E		
		543327N 0113408E		
		543323N 0113437E		
		543320N 0113506E		
		543317N 0113535E		
		543315N 0113604E		
		543313N 0113633E		
		543312N 0113703E		
		543438N 0112818E		
		543426N 0112847E		
		543415N 0112917E		
		543404N 0112948E		
		543354N 0113017E		
		543345N 0113048E		
		543336N 0113119E		
		543328N 0113149E		
		543320N 0113220E		
		543313N 0113252E		
		543307N 0113322E		
		543301N 0113356E		
		543256N 0113426E		
		543251N 0113457E		
		543248N 0113528E		
		543244N 0113600E		
		543241N 0113632E		
		543239N 0113704E		
		543427N 0112753E		
		543413N 0112822E		
		543401N 0112852E		
		543349N 0112923E		
		543338N 0112953E		
		543327N 0113025E		
		543316N 0113056E		
		543307N 0113127E		
		543258N 0113200E		
		543249N 0113234E		
		543242N 0113305E		
		543235N 0113339E		
		543228N 0113414E		
		543223N 0113447E		
		543218N 0113521E		
		543213N 0113556E		
		543210N 0113634E		
		543207N 0113706E		
		543416N 0112729E		LIM FLG W

DESIGNATION	TYPE	POSITION (WGS-84)	HEIGHT(FT) MSL GND	OBST LGT
(RØDSAND 2 cont.)		543401N 0112757E 543347N 0112827E 543333N 0112859E 543321N 0112928E 543309N 0113001E 543257N 0113034E 543246N 0113106E 543236N 0113140E 543225N 0113215E 543217N 0113249E 543209N 0113325E 543201N 0113402E 543154N 0113437E 543148N 0113514E 543143N 0113552E 543138N 0113630E 543135N 0113701E		LIL F R LIM FLG W LIL F R LIM FLG W LIL F R LIM FLG W
RØNLAND	8 Wind Turbines in a row	564013N 0081258E* 563911N 0081331E*	394 394	LIM FLG R
RØNNE (Forbrænding)	Chimney	550703N 0144356E*	415 247	LIL F R
RØSNÆS	Mast	554411N 0105509E*	506 302	LIL F R
SALTUM	2 Wind Turbines	57 14 52N 009 42 11E	433 417	LIL F R
SALTUM 2	6 Wind Turbines	571452N 0094211E 571532N 0093949E 571524N 0094002E 571516N 0094030E 571500N 0094043E 571452N 0094057E	506 492	LIL F R
SALTØ GODS	3 Wind Turbines	551308N 0113819E 551317N 0113753E 551325N 0113728E	527 492	LIL F R
SAMSØ/TRANEBJERG	Mast	555122N 0103244E*	365 350	LIL F R
SKAMLEBÆK	Tower	554945N 0112521E*	512 273	No
SKANDERBORG	Mast	560221N 0100043E*	785 345	No
SKIVE	Mast	563408N 0090245E*	345 342	LIL F R
SKJERN	3 Wind Turbines	555741N 0083330E	440 410	LIL F R
SKÆRBÆKVÆRKET	Chimneys	553041N 0093655E* 553041N 0093643E*	403 394 403 394	LIL F R LIL F R
SNOGHØJ	Mast	553134N 0094251E*	417 345	No
SORRING	Mast	561052N 0094719E	761 291	
SPROGØ (North of)	7 Wind Turbines In a row	552028N 0105622E 552047N 0105852E	378 378	LIM FLG W at Turbines placed in row end. LIL F R on all other Turbines

DESIGNATION	TYPE	POSITION (WGS-84)	HEIGHT(FT) MSL GND	OBST LGT
STAKROGE 2	5 Wind Turbines	555426N 0085123E 555419N 0085140E 555413N 0085157E 555406N 0085214E 555359N 0085231E	597 493	LIL F R
STIGSNÆS	Chimney	551229N 0111507E*	434 427	No
STOREBÆLT	Two bridge towers	552025N 0110124E* 552037N 0110254E*	883 883 883 883	LIH FLG W LIH FLG W
STORE DYREHAVE	Mast	555509N 0122053E	551 322	
ST. RØTTINGE	3 Wind Turbines	550836N 0115756E 550845N 0115743E 550853N 0115731E	601 492	LIL F R
STUDSTRUPVÆRKET	Chimney	561505N 0102045E*	630 623	LIH FLG W
SVINDBÆK	10 Wind Turbines	555430N 0091229E 555436N 0091215E 555442N 0091200E 555449N 0091145E 555455N 0091130E 555502N 0091115E 555508N 0091100E 555515N 0091044E 555522N 0091028E 555529N 0091013E	629 427	LIL F R
SVOLDRUP KÆR	6 Wind Turbines In a row	564624N 0092229E 564623N 0092458E	479 415	LIL F R
SØLLESTED	3 Wind Turbines	545024N 0111809E 545006N 0111800E 545018N 0111800E	492 459	LIL F R
SØLLESTED 2	8 Wind Turbines	544502N 0111506E 544458N 0111523E 544454N 0111540E 544450N 0111557E 544446N 0111615E 544442N 0111631E 544438N 0111648E 544434N 0111705E	496 492	LIL F R
SØLLESTED 3	3 Wind Turbines	544703N 0111505E 544706N 0111447E 544709N 0111429E	496 492	LIL F R
SØNDER HØJRUP (Fyn)	Mast	551700N 0102831E*	1014 726	LIH FLG W
SØNDER RIND	3 Wind Turbines	562205N 0092713E 562208N 0092652E 562211N 0092632E	581 492	LIL F R
SØSTERHØJ	Tower with mast	560555N 0101301E*	1050 709	LIH FLG W
TAASINGE	2 Wind- Turbines	545759N 0103501E 545809N 0103436E	454 417	LIL FLG R
THISTED	Mast	565832N 0084103E*	600 498	LIM FLG R
THYBORØN Sydhavn	1 Wind turbine	564030N 0081324E	493 492	LIL F R
TIM 2	6 Wind Turbines	561127N 0081552E 561118N 0081603E 561109N 0081613E 561101N 0081623E 561053N 0081633E 561044N 0081644E	502 492	LIL FLG R

DESIGNATION	TYPE	POSITION (WGS-84)	HEIGHT(FT) MSL GND	OBST LGT
TJØRNTVED	2 Wind Turbines	553142N 0113408E 553143N 0113348E	528 417	LIL FLG R
TOLNE	Mast	573001N 0101806E*	724 527	LIH FLG W
TOMMERUP	Mast	551853N 0101335E*	1195 1054	LIH FLG W
TORNBYGÅRD	3 Wind Turbines	550937N 0144547E 550943N 0144538E 550950N 0144529E	640 414	LIL F R
TRANEKÆR	3 Wind Turbines	550114N 0105348E 550114N 0105352E 550124N 0105356E	420 410	LIL F R
TRIKELSHØJ	3 Wind Turbines	563208N 0095245E 563203N 0095302E 563159N 0095319E	569 426	LIL F R
TROLDHEDE	6 Wind Turbines	560107N 0084351E 560049N 0084407E 560048N 0084432E 560102N 0084424E 560032N 0084424E 560116N 0084447E	529 492	LIL F R
TRY	3 Wind Turbines	570745N 0101412E 570753N 0101436E 570737N 0101347E	524 492	LIL F R
TUREBYLILLE	5 Wind- Turbines In a row	552104N 0120602E 552117N 0120559E 552130N 0120555E 552143N 0120552E 552156N 0120548E	560 492	LIL F R
TVIS, Lindholtvej	4 Wind Turbines	561924N 0084555E 561915N 0084605E 561858N 0084624E 561906N 0084615E	588 492	LIL F R
TYKSKOV	2 Wind Turbines	555807N 0091434E 555757N 0091431E	695 489	LIL F R
TYRA ØST	Flare Stack	554307N 0044745E	536 536	LIM FLG W
ULBJERG	2 Wind Turbines	563940N 0092319E 563947N 0092330E	493 388	LIL F R
ULVEMOSEN OG BÆKHEDE PLANTAGE	10 Wind Turbines	553557N 0083534E 553553N 0083559E 553550N 0083626E 553550N 0083652E 553551N 0083719E 553555N 0083747E 553600N 0083813E 553607N 0083836E 553615N 0083859E 553624N 0083921E	592 492	LIL F R
URUP	6 Wind Turbines	554837N 0084708E 554826N 0084710E 554814N 0084711E 554842N 0084736E 554831N 0084738E 554819N 0084739E	580 492	LIL F R
USSERØD (Hørsholm)	Chimney	555408N 0122926E*	359 328	No
VAMDRUP	Chimney	552542N 0091801E*	487 355	LIH FLG W
VARDE (Søvig Mark)	Flare stack Chimney	554005N 0082155E* 554015N 0082209E*	509 476 392 361	LIM FLG R LIM FLG R
VARDE (Nordenskov)	Mast	553925N 0084017E*	1102 1036	LIH FLG W

17. ATS AIRSPACE

1	Designation and lateral limits	SKRYDSTRUP CTR From 551928N 0090255E - 551848N 0090755E - 552038N 0091625E - 551928N 0092255E - 551528N 0092755E - 551428N 0093326E - 550658N 0092856E - 550738N 0092426E - 550548N 0091625E - 550658N 0090925E - 551058N 0090355E - 551148N 0085855E - to 551928N 0090255E.
2	Vertical limits	GND - 1.500 FT MSL
3	Airspace classification	D
4	ATS unit call sign Language(s)	SKRYDSTRUP TOWER EN, DA
5	Transition altitude	3.000 FT
6	Remarks	For description of SP TMA see ENR 2.1-5

18. ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	SKRYDSTRUP APPROACH	124.100 315.100	H24	FL 250/50 NM
TWR	SKRYDSTRUP TOWER	118.275 121.50++ 286.375 257.80 243.00++	H24 H24 H24 H24 H24	4000 FT/25 NM FL 250/50 NM 4000 FT/25 NM
ATIS	SKRYDSTRUP AIRPORT INFORMATION	133.900	H24	DOC: FL 200/60 NM Language: EN
ARR	SKRYDSTRUP ARRIVAL	122.20+ 121.50++ 245.625 344.00+ 243.00++		4000 FT/25 NM + As required ++ Emergency
RESERVED		119.90 359.275 385.40		

19. RADIO NAVIGATION AND LANDING AIDS

Type of facility Cat. of ILS/MLS (Variation)	ID	Frequency (Mhz)	Hours of operation	Site of transmitting antenna coordinates	Remarks
1	2	3	4	5	7
TACAN (4°E 2023)	SKR	110.400/ CH 41x	H 24	551344.18N 0091250.61E	DOC FL 500/80 NM DME from SKR TACAN
TAR/SSR		Wave length 10cm	H 24	551344.72N 0091538.74E	DOC FL 500/80 NM DME 138.4 ft
LOC 28R Cat. I	SRY	109.350	H 24	551332.31N 0091414.42E	Coverage: Primary 60NM, SSR 200NM
GP 28R		331.850	H 24	551309.38N 0091711.49E	Angle 3.00°. TCH 41 ft.
LOC 10L Cat. I	ISPA	109.350	H 24	551259.83N 0091740.10E	
GP 10L		331.850	H 24	551329.68N 0091456.62E	Angle 3.00 ° TCH 49 ft
DME	SRY/ ISPA	CH 30Y	H 24	551309.34N 0091711.49E	
L	VO	321 Khz	H 24	551328.74N 0091625.36E	DOC 25 NM

20. LOCAL TRAFFIC REGULATIONS

Gliding may take place during weekends and holidays and outside hours of MIL operations. Gliding may take place from the private aerodrome "Rødekro" psn 5505N 0918E, without radio communication with ATC Skrydstrup in the CTR and TMA. See chart EKSP AD 2 Glider Areas in TMA.

21. NOISE ABATEMENT PROCEDURES

21.1 Practice approaches for non-homebased jet aircraft limited to a total of 3 in the period 0800-1700L (local time) . Practice approaches for jet aircraft is not allowed in the period 1700-0800L (local time). Prior arrangement through Wing Operations required.

21.2 For areas to be avoided during arrival and departure see EKSP NAC (Noise Abatement Chart).

22. FLIGHT PROCEDURES

1. IFR Arrival

1.1 IFR aircraft will normally be cleared by ACC Copenhagen to L VO, TACAN SKR, RNAV point DINUT or TISSET.

1.2 VFR aircraft can obtain IFR-clearance anytime in Skrydstrup LTA or TRA stating requested type of IFR-instrument approach or IFR-clearance to VMC-conditions.

2. IFR Departure

2.1 SID's are not mandatory, but local SID's available for instrument flight training (not published outside FW SKRYDSTRUP).