

GNG Package Changelog

This page contains an unfiltered technical changelog to the Swedish GNG package.

The Swedish GNG package is installed as described in [THIS GUIDE](#), or manually from [here](#).

For a filtered summary of changes optimised for controllers, see [Revision Highlights](#).

EuroScope does not allow for plugins to overwrite when updating the GNG package using the automatic download. After updating, close EuroScope then go to `%appdata%\EuroScope` -> ESAA > Plugins > Updated Plugin" and copy the .dll files in the folder. Thereafter go back in the "Plugins" folder and paste the .dll files there. Overwrite existing files when prompted.

AIRAC 2605

AIRAC changes

- Military aerodrome and STRI positions changed to 8.33 kHz channels.
- Areas
 - New: R7A-C, R129, R130
 - Withdrawn: R125, R204, R208, R208A-B, R209A-B

Non AIRAC changes

- General
 - ESOS DIR renamed ESSA DIR
 - STRI positions renamed
- TopSky updated to 2.6b4

- Font updated (minimized arrow added, small letter no longer monospaced, STAR-dot size increased, added clarity for misc. symbols.)
- Add safety net inhibits for STRI positions (MSAW, MTCD, STCA, TCT)
- Added maps showing sector splits with a yellow line (OS 2/7, MM 4/5, EFIN F/D)
- Updated Mode S aerodromes (ESGJ,MK,MQ,MX,NS,OH,OK,SD,SP,ST,TA,TL now support mode S)
- ATYP and DIAS shown in unselected track labels for APP positions (as per IRL on OS/GG APP)
- GRP updated to 1.6b6
 - ESNX increase stand 1 to code C
 - WIP maps for ESSA and ESGG added
- Bugfixes
 - Duplicate DCT map (ERNOV when manning OS 3) fixed
 - GADDE1K displayed as GADE1K corrected
 - Missing EFIN sector borders fixed

Files updated

AIRAC 2604

AIRAC changes

- ESMM IS (Info South) now FIS-S, with new radio callsign "Sweden Information".
 - ESMM IN and FIS-S remain "bandboxable".

Non AIRAC changes

- TopSky
 - Traffic Management Lists now show unconcerned flights.
 - Track Label fields updated
 - DSFL and DBPS hidden in selected label for all positions (as they are not showing any information).
 - For APP positions (except MM L):
 - Show ATYP and DIAS in unselected labels
 - Hide DMACH in selected labels
- CDM updated to 2.27
- Bugfixes

- Correct ACC Freq map (ESOS 7 (ESMM)).

Files updated

AIRAC 2603

AIRAC changes

- Vilhelmina TIA/TIZ updated, vertically and laterally. Vertical divide now at 3200 ft.
- Vilhelmina IAP, new T-bar waypoints
- New restricted area ESR46B Junkön
- Eskilstuna IAP ILS Z/Y
- ATS-route Z330 TRS changed to INWIQ
- Ängelholm STAR new designator

Non AIRAC changes

- General
 - List updated for better placement of CDM/vIFF functionality.
 - COPX now shown by default on CDM profile to allow for easy FLEG access.
 - XFL M5 -> S3 DEST: ESOW/SU removed
 - ESGG GND sectors reworked to fix sector sequence.
 - SI for GND will show TWR when on TWY Z for DEP 21 and when passing TWY D for RWY 03.
 - SI for TWR will show GND when on the RWY or on TWY Y between TWY D and TWY E.
 - Fixed issue with wrong SI for arrivals at ESSA when two TWR positions online.
 - RWY TRH waypoints added for ILS at ESSA. This will force the FLEG to pass over threshold before terminating at ARP.
 - All COPX/XFL for ESSA DEL removed. To reduce complexity and harmonize with ESGG.
- TopSky updated to 2.6b3
 - Flight plan equipment code usage rolled back due to spurious warnings.
 - TCT inhibit now works

- MTCD conflict acknowledge value increased from 2 to 3 nm.
- MTCD floor lowered
- MTCD conflict indicator in label will now only be displayed for ACC. (MM-K/L excluded.)
- GRP
 - ESSA RWY maps now hidden on TWR ASR
 - Add GRP map shortcut keys. See [TWR / TWR CDM Profile](#) for explanation.
 - Update GRpluginOperatorInfo.txt
 - ESSA: GVV parking at F-pier
- CDM updated to 2.2.8.25
- Bugfixes
 - Alt + B now works
 - ESKS TMA now added to TCT area
 - Correct ESGG TMA TCT areas
 - Correct label for RNP Y 01L on EOR GRP map
 - Correct GRP restriction maps

Files updated

AIRAC 2602

AIRAC changes

- NIL

Non AIRAC changes

- General
 - Profiles renamed
 - ESAA TOPSKY -> ESAA APP CTR
 - ESAA TWR CDM -> **ESSA** TWR CDM
 - All DEP/STUP lists revised to include CTOT
 - [vats.im/vdgs](#) added to ESSA AD login profiles

- TopSky updated to 2.6b2
 - SAP and APW re-enabled
 - Enable (partial) FPL equipment code usage
 - W and Y warnings enabled, all traffic still considered to be Mode S (with EHS) capable.
 - Areas and Maps file now loaded from URL (updates not bound to GNG package releases)
 - TCT now available
 - TCT areas added (TCTA and TCT inhibits)
 - TCT alert added to label
 - DCL format updated
 - CPDLC logon codes updated
 - ESOS -> ES01
 - ESMM -> ESM2
 - EPWW revised (new sectorisation)
 - ENOR revised
 - Areas AIP SUP -34/26
 - Maps
 - New Sector name map added (ALT+S)
 - DCT and FREQ maps tweaked
 - New EPWW DCT map
 - FREQ maps revised for:
 - EPWW (new sectorisation)
 - ENBD (added ENBD 27)
 - APPCLR defined (CAT2/CAT3 in CFL menu - Now only shown at airports/RWYs where applicable, might be expanded to more options in the future)

- GRP updated to 1.6b5
 - Automatic maps now hidden from map selection menu

- CDM updated to 2.2.8.24
 - TWR CDM profile revised for new workflow

- Bugfixes
 - C-flags missing for ESMM L

Files updated

AIRAC 2601

AIRAC changes

- New DMEs: (ESGG) NGG, SGG
- Locators withdrawn:
 - ESGG: NL, SL
 - ESSA: WA
- NDBs withdrawn:
 - COR (replaced by SOVAX)
 - ERK (replaced by ERXEC)
 - LNA (replaced by OBCIV)
- New significant points:
 - INWIQ (replacing TRS)
 - VACRA (replacing HMR)
 - VULGE
- MILNU, NEKLA, PELIT enroute holding

- ESGG IAP:
 - New ILS Y RWY 03/21 (procedure via LAV)
 - ILS RWY 03/21 changed, now ILS Z (procedure via GG708/404)
- ESGP ATS closed, withdrawing:
 - CTR (and VRPs)
 - IAP RNP RWY 19
 - ATS position ESGP TWR
- ESSA
 - TRS SID replaced by INWIQ
 - HMR STAR replaced by VACRA
 - New IAP: (straight) RNP z RWY 01R
- ESSB
 - TRS SID/STAR replaced by INWIQ
 - HMR STAR replaced by VACRA
 - COR (MAP/holding) replaced by SOVAX
- ESNZ MVA changed.

Non AIRAC changes

- General

- ESMM ACC Positions revamp
 - TopSky DCT maps revised
 - TopSky FREQ maps revised

- TopSky (updated to 2.6b1)
 - Areas updated till AIP SUP 14/26
 - APW disabled (fix expected in 2.6b2)
 - New domestic ACC FREQ map (similar to adjacent FIRs, now for domestic positions).
 - Coordinates corrected to comply with revised coordinate handling.
 - Update STCA inhibit and SOIR areas to comply with new syntax.
 - Flight lists sorted by TopSky (Global Menu -> Flight Plan lists)
 - Position settings loaded by SI instead of login callsign from TopSkySettings.txt
 - ASP via CPDLC removed to align with real system.

- GRP
 - ESSA updated stand types

- Bugfixes
 - Corrected presentation of international ACC-sector lines
 - EN delegated areas moved to SCT entries
 - Presentation of area HALTI removed
 - EK ACC sectors
 - ESGG APP-W frequency map corrected (was missed when 8,33 revision was made)
 - COP/XFLs
 - COP for GG DEL removed to allow for better COP for airborne traffic.
 - Sector sequence corrected for RNP AR 01L/19R (now W->A->TW)
 - Added COPX on FIR border for traffic to EFKT via FIR-point

Files updated

AIRAC 2513

AIRAC changes

- NIL

Non AIRAC changes

- General
 - ENBD positions updated to 8,33 MHz frequencies
- TopSky
 - New CPDLC freetext options added
 - ESCM VFR holding "LÄBY" was missing on VFR map
 - KETAP LoA DCT revised: (EDDB) was missing
- GRP
 - ESSA updated stand types

Files updated

AIRAC 2512

AIRAC changes

- ESMT SID/STAR designator updated
- ESUP IAP, ILS Y/Z available.
- Areas AIP SUP -282/25

Non AIRAC changes

- General
 - Auto prime frequency removed.
- TopSky
 - EDWW LOA updated, DCT POBOX changed to CIPPI. DCT OGBER removed.
 - Revise ESNZ RNP AR map
 - Activated EoR STCA Inhibit areas
 - Corrected Freq maps for ESMM AoR
- GRP
 - ESSA, TAP moved to T2, other airline parking priorities changed.

- Fixed issue with AZD assigned to terminal at ESNU.
- ESNQ stands revised
- ESPE APN 4 removed
- ESMS stand definitions
- Added OAT callsigns to GRP, and AZD

Files updated

AIRAC 2511

AIRAC changes

- ESNZ:
 - DOFOK, OSLAV STAR replaced by LUHIQ STAR
 - New RNP APP RWY 30.
 - NDB DJ removed
- Areas:
 - New: ESR27, R79, D873

Non AIRAC changes

- General
 - Completed revision of VFR SID
 - EKCH_O_APP SI changed from CAE to CAO
 - Disabled draw of MAESTRO plugin
- TopSky
 - EKDK frequency maps revised to reflect new positions
 - Release line GOTEBORG removed
 - EKDK CPDLC Codes updated
 - Areas
 - New: ED D47C added
 - Updated to SUP -264/25.
- GRP
 - Added Approach Path views for ESGG, GP, GT, IB, MK, MS, NN, NQ, NU, PA, ESSA and ESSB
 - Updated WIP areas (ESSA, CM, NZ)
- [VatIRIS](#) plugin added (missed in 2510)

AIRAC 2510

AIRAC changes

- NIL

Non AIRAC changes

- General
 - New dataset from Navigraph now available with latest AIRAC
 - STARs completely revised
 - Standard inbound clearance now always on top of list
 - Auto selection for standard inbound clearance even if not a standard STAR works for more AD
 - All types of approaches now selectable, ILS, VOR, NDB and RNP.
 - Added MIL/AFIS-STAR indicating OVHD-XX to military airfields.
 - Added Left, Right and Straight-in indication to ILS- and RNP-approaches with a T-approach transition.
 - ESMM_IN_CTR changed to ESMM_IN_APP
 - ESMS_IS_APP changed to ESMM_IS_APP. Frequency also changed.
 - ESMM_XK_CTR Frequency changed.
 - ESNX ESE Ground network added
 - Bugs
 - ESND VFR holding North updated
 - Frequencies for ESNS, ESKS, ESKM and ESNG fixed.
 - Wrong XFL for some EKCH/ESMS departures to EPWW fixed.
 - RISMA XFL for GG ARR not working properly, fixed.
- TopSky
 - Release line OGLAV and OSKOK removed to align with LOA
 - Release line CODAN renamed OLPIB
 - Areas from AIP SUP updated
 - Added some spring updated
 - Upplands Väsby map added for future reference.
 - VFR maps revised, WIP
 - RNP AR maps updated
 - Revised RWYdist markers

- Added alt labels below IAFs
- ESSA EoR maps and functionality added
- Auto CFL for ESSA Slow DEP updated.
- GRP
 - ESSA Stand assignment updated.
 - ESSA WIP area updated
- CDM updated to v2.2.8.18

Files updated

AIRAC 2508 (2413/1)

The change AIRAC provider for GNG is in its final stages, GNG is reviewing the new dataset before it becomes available. The files still indicate AIRAC 2413.

AIRAC changes

- ESGT Göteborg/Stallbacka renamed
 - CTR renamed
 - TMA sector name remains the same (TMA sector Trollhättan)
- ESUS withdrawn
- ESSA new VFR entry/exit point (Vallentuna)

Non AIRAC changes

- General
 - ESSA VRP Vallentuna added
 - ESGT Göteborg/Stallbacka renamed
 - CTR renamed, TMA sector name remains the same.
 - ESUS withdrawn
 - Waypoints added for TRA/CBA (as for PCA)
 - Several COPX fixes
 - XFL SK-EFIJ (DOPUD)
 - XFL SK-EFIH (MISMO)
 - XFL ESMS-ERNOV
 - XFL MK-M2
- TopSky
 - Areas -SUP 168/25 (several areas excluded)

- TopSky callsigns de-capitalised
- GRP
 - WIP areas updated
 - ESSA R5
 - ESSA TWY Z
 - ESGG RWY 03
 - ESNZ TWY G
 - ESSV TWY M
 - ESKN APN 4D label corrected
 - ESIA intersection V1 added (previously V)
- CDM **updated to v2.2.8.7**

Files updated

AIRAC 2507 (2413/1)

The change AIRAC provider for GNG is in its final stages, GNG is reviewing the new dataset before it becomes available. The files will still indicate AIRAC 2413.

AIRAC changes

- ESEK withdrawn
- ESSL: Removed stop bar on TWY C and updated ground view line colors
- Areas
 - New: ESR12, ESR29
 - Changed: ESR10, ESR16A-C, ESR24, ESR52, ESR102, ESR113

Non AIRAC changes

- General
 - New ESMS & ESSA Ground Network
 - ESAA PLN position with SI "PLN" and logon callsign "ESAA_FMP"
 - Removed FL245 airspace splits (no longer needed as EuroCenter vACC has ceased operations)
- TopSky
 - New custom TopSky font
 - Areas AIP SUP -163/25

- Mode-S radar range increased to fix correlation issues with EPWW and A2000
- Revised DCL for ESSA and ESGG.
- GRP
 - New airport specific font for SMR view ESGG
 - Fixed ESSV stand assignment issues with military stands
 - Fixed takeoff timer issues at ESGG
 - Empty GRpluginSettingsLocal.txt now included in GNG package.
- CDM **updated to v2.2.7.2**

Files updated

AIRAC 2505 (2413/1)

The new AIRAC provider for GNG is taking longer than expected. The files will still indicate AIRAC 2413.

AIRAC changes

- Area D184 changed
- ESDF RWY 12/30 withdrawn
- ESSV SID/STAR updated

Non AIRAC changes

- General
 - ESDF hold short line B RWY 01 added.
- TopSky
 - Areas AIP SUP 134/25
 - ESMV
 - MVA map added
 - MSAW exclude added
 - Airspace to be updated in 2506
 - SSR codes updated, A1000 not yet implemented
 - Freq maps updated
 - DCT maps updated
- GRP
 - WIP added/updated

- ESSA (APN AB and APN D)
- ESSB (APN 6-7)
- ESGG (N APN)
- ESNZ (TWY G)
- ESPA (APN 12B)
- ESSA Stands updated with type E295
- CDM **updated to 2.2.6**

AIRAC 2504 (2413/1)

AIRAC changes

- The new AIRAC provider for GNG is not yet in place so the ES-files will still indicate AIRAC 2413.
- Area R01-R09 renamed R1-R9.
- New R-area, R126 Rågården and R128 Harpsund.
- TRA updated
- EKCH ERNOV STAR runway 22L/R updated.
- AIP SUP added to 70/25.

Non AIRAC changes

- General
 - ESSR_MM_APP added
 - ESAA_CTR added
 - Login profiles updated with ESSR_MM_APP and ESAA_CTR
 - ESOS sector ownership changed
 - Radars updated to extend the Mode-S range
- TopSky
 - Areas AIP SUP 99/25
 - TEXT INFO Levels fixed/updated
 - Auto freq maps updated (AA replaces S1 and OS ACC revamp)
 - ESAA and EVRE added to CPDLC
 - RTM added to show ACC FREQ map
- GRP
 - ESSA: WIPs and pushback STD 8 changed.
 - ESKN: WIP timeframe extended
- CDM

- Added Event CTOT URL (same server as AMAN data)
- VCH **updated to 0.8.6**

Files updated

ADDED CHANGED REMOVED

(.sct, .ese, .prf, and files in ICAO- and NavData folders always updated.)

- Plugins/CDMconfig.xml
- Plugins/GRpluginMaps.txt
- Plugins/GRpluginStands.txt
- Plugins/TopSkyAreas.txt
- Plugins/TopSkyCPDLC.txt
- Plugins/TopSkyMaps.txt
- Plugins/VCH.dll
- Settings/LoginProfiles.txt
- Settings/VoiceChannels.txt

AIRAC 2503 (2413/1)

AIRAC changes

- The new AIRAC provider för GNG is not yet in place so the ES-files will still indicate AIRAC 2413.
- New waypoints, IBNIC, MIDIC and WAKZU.
- Area R01-R09 renamed R1-R9.
- New R-area, R126 Rågården and R128 Harpsund.
- TRA updated
- EKCH ERNOV STAR runway 22L/R updated.
- AIP SUP added to 70/25.

Non AIRAC changes

- General
 - ÖKC completely revised, split in two TC (primary)/T3. COP updated accordingly.

- Wrong frequency for ESMM 9 fixed.
- Missing LENS STAR at ESNU fixed.
- EKLOV/SUXEM now selectable as STAR for ESDF without having to select a DFXXX waypoint first.
- COPX RUMAR/ELPOL to EPGD fixed to retain XFL after DCT.
- DEP-list in TWR profile removed. Unintentionally added last update.
- ESTL_TWR and ESGG_W_APP login profile fixed.
- METAR in title removed.
- Euroscope messages updated to reduce nuisance distractions.
 - Info (Message) -> do not show (VATSIM Data Downloaded, ES Loading files, etc)
 - Warning (Message) -> show chat handler (VATSIM Data not parsed, etc)
 - Error (Message) -> show unread chat handler (Errors in ESE-filer, etc)
 - Server (Server) -> do not show (Welcome message from server)
 - Coordination request (Coordination) -> do not show (Shown both in lists and by sound in TopSky)
- ES screen will now remain in full view when exiting full screen to more easily show the windows menu bar.
- Added TECH sector above GOT TMA to resolve issue with tracks staying in coordinated state after transfer to ACC.
- ESCM ground layout updated, APN 1+2 and TWY J+K added.
- TopSky
 - Latest documentation added.
 - DCL at ESGG updated. The correct frequency for next controller will be included in DCL when logged in as DEL and traffic is not assumed.
 - EKDK L showing wrong frequency fixed.
 - ENOS frequencies shown now in 8,33 kHz.
 - Removed C-flag for ESMM W for traffic to SA/SB.
 - Mil area PCA S12/S13 revised.
 - MSAW exclusion removed where ESGR TIA used to be.
- GRP
 - APF split in PAX/Cargo by Callsign to allow correct stand assignment. APF0XX is cargo.
 - USE:C changed to USE:AC for stands at ESSA and some at ESGG to allow aircraft classified as airliners to be assigned cargo stands if correct callsign.
 - ESGG: A318 removed from stands with docking to gate
 - ESSA: Pushback map revised (4, 8, 20, 31 and odd F-stands changed, APN BC hidden)

- ESCM: APN 1+2 added
- Revised regions to support new GRP beta (not yet added)
- **CDM updated to v2.2.5.3**
 - In TWR-profile the CTOT kolumn is updated to use the CDM version.
- MAESTRO
 - Latest documentation added.

Files updated

ADDED CHANGED REMOVED

(.sct, .ese, .prf, and files in ICAO- and NavData folders always updated.)

- ASR/ESAA_ACC.asr
- ASR/ESAA_TWR_APP.asr
- ASR/ESCM_GND.asr
- Alias/alias.txt
- Plugins/CDM.dll
- Plugins/CDMconfig.xml
- Plugins/GRpluginMaps.txt
- Plugins/GRpluginStands.txt
- Plugins/TopSkyAreas.txt
- Plugins/TopSkyCPDLC.txt
- Plugins/TopSkyMSAW.txt
- Plugins/TopSkyMaps.txt
- Plugins/TopSkySettings.txt
- Settings/General.txt
- Settings/Lists.txt
- Settings/ListsTWR.txt
- Settings/ListsTWRCDM.txt
- Settings/LoginProfiles.txt
- Settings/Screen.txt
- Settings/VoiceChannels.txt

AIRAC 2413

AIRAC changes

NIL

Non AIRAC changes

- General
 - Corrected typos in login profiles
 - Added new text aliases for unruly pilots
 - Reverted FSS COPX/XFLs
 - Revised sector priority for SU TIZ/TIA (SU now has lower priority than OS APP/ACC)
- TopSky **updated to v2.5**
 - Revised CPDLC "UNICOM" free text
 - Areas updated to SUP 251/24
 - ESMT MVA changed (TMA A 2600 ft)
- GRP
 - Added ESKN RWY 16/34 closure
 - Added ESOW grass RWY closure
 - Cleanup of old/unused ESSA WIP
- CDM **updated to v2.2.5.8.10b**
- MAESTRO **updated to v1.1**

Files updated

ADDED CHANGED REMOVED

- alias.txt
- CDM.dll
- GRpluginMaps.txt
- ICAO_Aircraft.json
- LoginProfiles.txt
- MAESTRO.dll
- TopSky.dll
- TopSkyAreas.txt
- TopSkyCPDLC.txt
- TopSkyMaps.txt
- VCH.dll

AIRAC 2412

AIRAC changes

NIL

Non AIRAC changes

- Added FSS COPX/XFLs

AIRAC 2411

AIRAC changes

NIL

Non AIRAC changes

- General
 - Fixed XFL changing close to border for flights to OS APP.
 - Revised logon profiles
 - Removed info about initial altitude where redundant
 - Added missing positions
 - Replaced "Covering xx CTR and TMA" with Vatglasses link where appropriate
 - Added CPDLC logon code for OS/GG APP
- TopSky **updated to v2.5 beta 14**
 - Added VALDI DCT S3->ENOR
 - Areas updated to SUP 220/24
- GRP
 - ESKN ASR corrected (showed all aircraft with white labels before fix)

Files updated

ADDED CHANGED REMOVED

- ESKN_GND.asr
- GRpluginStands.txt
- Lists.txt
- LoginProfiles.txt
- MAESTRO.dll
- Plugin.txt
- TopSky.dll
- TopSkyAreas.txt
- TopSkyMaps.txt

AIRAC 2410

AIRAC changes

NIL

Non AIRAC changes

- General
 - Added TECH sectors for ARR ESGG so TWR is not skipped in the SI sequency.
 - Updated GND/DEL sectors at GG to align with ESSA and so ARR will not get DEL in SI sequency.
 - DEL will only have gray A/C in list unless assuming. Then correct SI sequence to GND.
 - ESTL TWY designator J corrected
 - ESAA_PLN_CTR SI updated to PLN
 - Added VCH CTL flag in Sector List for TopSky-profile
 - Added possibility to open callsign menu in SEL in TopSky-profile.
 - Removed all separate non-Swedish TMA, they are now consolidated to one selection INT TMA.
 - EKRN CTR removed
 - Mountainous Area in ESOS K renamed ESOS K MOUNTAINIOUS AREA, previously ESOS K.
 - ASR ACC and TWR APP updated with above changes.
 - ESTL SID/STAR/ILS unavailable due to VOR LJU withdrawn. RNP still available.

- TopSky
 - Areas updated to SUP 204/24
 - Map KETAP/OGBER RWY designator changed
- GRP
 - Updated WIP ESSA (incl SUP 192/24), ESCM
 - ESSA stand assignment, APF, JON moved to T3
 - ESSA Updated stand assignment for SAS
 - T3S stand definition updated

Files updated

ADDED CHANGED REMOVED

- ESAA_ACC.asr
- ESAA_TWR_APP.asr
- ESTL_GND.asr
- GRpluginMaps.txt
- GRpluginStands.txt
- Lists.txt
- MAESTRO.dll
- Plugin.txt
- TopSkyAreas.txt
- TopSkyMaps.txt

AIRAC 2409

AIRAC changes

NIL

Non AIRAC changes

- TopSky **updated to v2.5 beta 13**
 - Added Equip_Assume_All_SSRs_Mode_S=1
- GRP
 - ESSA
 - wingspan map updated

- WIP maps updated
- stand definitions updated (T2 AT7*, T5 E290/295)
- VCH
 - Added `Taxi` to pending requests menu.
- MAESTRO **updated to v1.1 beta 8**

Files updated

ADDED CHANGED REMOVED

- GRpluginMaps.txt
- GRpluginStands.txt
- MAESTRO.dll
- Plugin.txy
- PluginTWR.txt
- PluginTWRCDM.txt
- TopSky.dll
- TopSkyAreas.txt
- TopSkySettings.txt

AIRAC 2408

AIRAC changes

- Area R124 added, D180 changed.
- ESHI removed (permanently closed)
- AIP SUP 167/24 included

Non AIRAC changes

- General
 - VCH-plugin added. Pending request is now in Start Up list and DEP list. "Hold short of" added to Taxi In/Out list and a new Clear To Land flag has been added.
 - VFR-SIDs added for all controlled airports
 - VFR fixes revised. VFR-fixes now 5 letter fixes. (points with cardinal directions have XXYYY syntax, XX=last two letters of ICAO,

YYY=direction.)

- ESMQ apron layout revised. Apron by THR 05 added
- UMKK positions readded with SI
- Added EKDK_OE/WE_CTR
- Added EYVL_M_CTR and EYPA Information
- Removed BALT_CTR no longer used.
- ESNN APN M layout updated
- Additional ESSV STAR DCT VSB added.
- TopSky
 - Updated to version 2.5b11
 - CPDLC messages auto archived after 60 sec
 - VFR-waypoints + Label, added with hotkey ALT+B (Both)
 - Added highlight of A345/346, B779 and C5/5M for ESOS CTR
 - Auto freq map ESGG TMA also shown for IBA, IB, GT
 - Auto freq map UMKK revised.
 - MM LOA map. BINKA revised (showing using coordinates as not in dataset)
 - DENOL ADES EDDV corrected to EDLV
 - OGBER/KETAP included in auto map for ML,8,9
 - OS LOA map. 01 also shown for A and AW
 - VSB labels reordered
 - Territorial waters border map added (Under MISC)
- GRP
 - LB, LD and LR added to Schengen countries
 - ESKN and ESGP added
 - ESSA TWR ASR: RNP APP maps added
 - ESSA stand F29L, S80, S81 definitions updated.
 - ESGG (Airline stand priorities) assignment revised
 - ESGP and ESMQ RWY end coordinates added
- MAESTRO
 - Updated to version 1.1b7
 - Removed from TWR-profiles

Files updated

ADDED CHANGED REMOVED

- VCH.dll
- ESAA TOPSKY.prf

- ESAA TWR.prf
- ESAA TWR CDM.prf
- ESNN_GND.asr
- ESGP_GND.asr
- ESKN_GND.asr
- GRpluginMaps.txt
- GRpluginSettings.txt
- GRpluginStands.txt
- Lists.txt
- ListsTWRCDM.txt
- ListsTWR.txt
- MAESTRO.dll
- PluginTWRCDM.txt
- PluginTWR.txt
- TopSky.dll
- TopSkyAreas.txt
- TopSkyMaps.txt

AIRAC 2406

AIRAC changes

- New SID/STAR at ESSD.
- AIP SUP updated to 117/2024
- R05A/B added

Non AIRAC changes

- General
 - Encoding corrected for Areas and Maps files (8859-1)
 - Soaring sectors in Malmö TMA updated
- TopSky
 - MM K/L auto frequency not shown for MM K/L
 - Auto frequency shown for OS APP reduced to sector name, now excluding "OS", OS 2 labels moved.

- Transfer Confirmation removed from DEL/GND as XFL is not showing correctly.
- ENOR_SC_CTR frequency added
- Some EKDK frequency moved
- EKRN frequency updated to 8,33
- GRP
 - ESSA and ESGG WIP Timespans updated
 - ESSA Wingspan map layering corrected (to draw above active RWY area and dep/arr arrows)

Files updated

ADDED CHANGED REMOVED

- *(.sct, .ese, .prf, and files in ICAO- and NavData folders always updated.)*
- TopSkyMaps.txt
- TopSkySettings.txt
- GRpluginMaps.txt
- TopSkyAreas.txt

AIRAC 2405

AIRAC changes

- AIP SUP updated to 101/2024 (Temporary restricted area ESR861 Kramfors)
- R121 Changed
- R123 Added
- D187 Withdrawn
- D191 Re-added

Non AIRAC changes

- General
 - COP ERNOV XFL behavior fixed. (XFL now keep close to and after COP)
 - Fixed wrong XFL behavior after DCT outside TMA for ESSA/B APP
 - ESCF and ESDF heli RWY added (selectable in lists)
 - Login profiles added for ESOS DEP-W and DEP-E

- Vatglasses link added to ACC login profiles
- PCA (Military exercise area) Waypoints added to show FLEG to area when PCA filled in FPL. ESxxx (e.g. ESM21)
- Updated ES to aline with LOP. ESPE/NZ only covering up to FL95 again. COPX updated to FL90.
- VATCAN not drawing on screen to remove annoying UI. (activate under plug-ins when needed)
- Lists
 - Taxi Out List CTOT item in TWR.prf corrected, now showing TopSky item instead of CDM item.
 - Left click on RTE/AHD fixed to select SID in TWR.prf.
- TopSky
 - PCA M85 corrected, M91, 92 added
 - AMS (Airspace Management) List now sorted (D, R, TRA, PCA, FS(FlygSport))
 - NOTAM activation removed (except for foreign R/D-areas)
 - AUP (Airspace Use Plan) activation now available, including temporary areas from AIP SUP (tack Felix)
 - Manual usertext "FLYG" removed, as it is shown depending on activity loaded from AUP.
 - R/D-Areas in SB CTR revised to match other areas.
 - ROENNE SW level in Freetext corrected
 - ESGG E/W split only shown when relevant (both GE+GW open)
 - Swedish ACC (also APP for ESOS+ESGG TMA) frequencies can be shown for TWR/APP positions.
 - UMKK 2.5NM line added. To aid ATCO not to get too close to UMKK FIR.
 - ESOS TMA D01R sector added. Shown when departing RWY 01R.
 - EYVL freq updated
 - New CPDLC free text added.
 - RNP STAR now primary for traffic to ESNQ
 - ESCM VRP encoding corrected
- GRP
 - GRP implemented: ESCF, CM, GT, IB, KS, MQ, MX, NN, NS, NX, OW, SL
 - ESSA WIP updated and reordered (fr Arlandas extranät)
 - ESGG/ESSA ground view and labels reworked, (added LVP auto map with CAT II HP and ILS sensitive area at ESGG)
 - ESMT Stand 7 removed
 - ESSD B 14 holding position moved
 - ESSB RWY THR moved for RIM
 - ESMX Aeroclub moved

- ESGG APN wingspan restrictions added to map
- ESSA TWY wingspan restriction map added
- ESMX Stand labels updated (Aeroclub moved)
- Maestro
 - Updated to v1.1b7 (.dll and ICAO_Aircraft.json)
 - Added final lengths to settings file (SA 01R 14 nm, all other default 10 nm)

Full reinstall required. No file changelog avbl.

AIRAC 2403/2

AIRAC changes

NIL

Non AIRAC changes

- General
 - RTC added back in sector ownership to ESSA and ESGG. (APP has priority over RTC on ESSA and ESGG. RTC will cover TWR only if OS/GG APP offline)
 - Text alias: link for .wt corrected
- TopSky
 - Settings: "Airspace_C_No_Flag" in line 2 removed.
 - Areas: Removed space in line 2290, corrected D357 to R357

Files updated

ADDED CHANGED REMOVED

- *(.sct, .ese, .prf, and files in ICAO- and NavData folders always updated.)*
 - TopSkyAreas.txt
 - TopSkySettings.txt
 - alias.txt
-

AIRAC 2403/1

AIRAC changes

- ESSA RWY 19R BABAP/TOVRI SID revised (turn now waypoint based instead of altitude)
- New significant points added: ABJAZ, AGWIM, ARIWA and OTMAB
- New ESD191 Tveta

Non AIRAC changes

- Sector sequence for ESMM to ESSA/SB APP when ESOS is offline now works for Arrivals via TRS/NILUG/XILAN and Departures via PETEV/NOSLI/TRS. Correct SI will only show for ESMM when traffic has descended below MM airspace.
- General
 - Removed RTC in sector ownership from ESSA and ESGG.
 - Temp R/D-areas added from AIP SUP 8-57/2024
 - Visibility points updated for ESAA_PLN_CTR
 - Added logon profiles
 - ESAA_PLN_CTR (replaces ESOS_PLN_CTR)
 - ESMM_XK_CTR
 - ESMS_XL_APP
 - New test alias added: "You are not allowed to vacate via taxiway C or D after landing RWY 03 unless approved by ATC, please see <https://vatsca.org/esggtaxi>" `.wtgg`
- Lists
 - Ground state changed to xLU and xTO to be sorted correctly
 - Ground status list column renamed from G/S to STS to make it stand out from C/S
 - Start Up List column VATCAN CTOT added
 - CDM Plugin
 - Added latest CDM-plugin version
 - Updated Startup list with TSAT Delay via left click on TSAT
 - Updated Taxi out list to show CTOT instead of TTOT.
 - A small bug in the new CDM version makes the TSAC show a strange value. This can be disregarded.
- TopSky
 - Removed Auto show VRP for ESSA APP

- EKCH APP freq now shows for XK/XL
- TopSky views updated
- Updated C-flag
- CARD window open automatically for CTR and ESMS_APP
- Added AMA-map (combined with MVA)
- Freq-Map corrected: ESOE TWR
- Map 25 NM centerlines SA RWY 01/19 added
- ASR Fast keys (F1+1,2,3 etc.) updated in TopSky.prf
- Glider sectors added (FSxyyy) xx=ICAO yyy=sector name. Shown on radar display with green borders
- CPDLC window open automatically for CTR and ESSA_/ESGG_/ESMS_APP
- CPDLC
 - Added CPDLC address for SA/SB/GG APP and ESMM XK/XL
 - All neighbouring FIR updated
- AMAN
 - Added EKCH MAESTRO setup
 - Changed default position for COTS and AMAN-window
- GRPMaps
 - ESSA Pushbacks added
 - ESSA WIP A0299/24 (+TWY Z, U) added
 - ESMS CAT II HP (shown when LVP selected in GRP)
 - Wingspan/ATYP alerts added for ESMS, ESSB, ESPA, ESNU, ESSV, ESSA
 - ESNU GND freetext stand labels adjusted
- GRPStands
 - ESSA Stand S2L, S3L removed. Assignment updated
 - ESMS Stand 14 removed. RYR Assignment updated
 - ESNU, ESSV, ESNZ, ESNQ, ESTA, ESDF Added

Files updated

ADDED CHANGED REMOVED

- *(.sct, .ese, .prf, and files in ICAO- and NavData folders always updated.)*
- CDM.dll
- CDMconfig.xml
- ESNU_GND.asr
- ESNZ_GND.asr
- ESNQ_GND.asr

- ESTA_GND.asr
- ESSV_GND.asr
- ESDF_GND.asr
- GRpluginMaps.txt
- GRpluginStands.txt
- ListsTWR.txt
- ListsTWRCDM.txt
- LoginProfiles.txt
- MAESTROsettings.txt
- PluginTWR.txt
- PluginTWRCDM.txt
- TopSkyAreas.txt
- TopSkyCPDLC.txt
- TopSkyMaps.txt
- TopSkySettings.txt
- TopSkyViews.txt

AIRAC 2401

AIRAC changes

- New significant points added: ARJUD and SEJPA
- ESD186 Trängsletdammen completely withdrawn.
- ESMQ NDB KM withdrawn.
- ESSA RNP Z 01R renamed RNP W.

Non AIRAC changes

- TS VCCS: EKDK positions revised.

Files updated

ADDED CHANGED REMOVED

- (.sct, .ese, .prf, and files in ICAO- and NavData folders always updated.)

- ADDED
- TopSkyAreas.txt
- TopSkyMaps.txt
- VCCSSettings.txt
- REMOVED

AIRAC 2312

AIRAC changes

- ESJS Skellefteå Lasarett Added

Non AIRAC changes

- ESAA_TMC.asr is now split into two ASR. One specific for Stockholm APP and one for Göteborg APP. Please remove the old ESAA_TMC.asr. For ESMS_APP use ESAA_ACC.asr. For any other APP or TWR use ESAA_TWR_APP.asr
- Change to definition of some lines. White dotted lines apart from indicating Control zones also indicate ACC sectors below FL95 that is bordering uncontrolled airspace. A solid white line indicates a border with controlled airspace on both sides. This only applies to ACC sectors and not Approach sectors.
- The graphical representation at the border of ESMM and ENOR (delegated airspace Örje, Bohus and Koster) has been updated to make the AoR more clear.
- EKCH CTR updated.
- XFL for DEP ESNQ now FL90
- Flight Information Service border below Köpenhamn TMA added to MAPS ARTCC LOW
- Added ESOS/ESMM/ESGG ACC/APP Frequency to MAPS
- Köpenhamn APP frequency in MAPS updated to 8.33
- ESNZ RNP AR 12 joining point updated.
- ESOE MVA Sector corrected
- Obstacles 850ft+ height within 10 NM from controlled airspace added.
- Revised auto activation of DCTs to E and S from OS ACC, including zoom filter

- 3 NM SEP AREA removed
- All COPX between sectors with vertical split 365 removed as they create wrong PEL/XFL. Pointless COP 2/3, 6/7 and 8/9 is still in the system.
- Ground layouts for ESNJ and EMSV added. ESOW updated (APN 3 closed, Airways flight school removed)
- ESOE VRP KUMLA changed to KUMLAN
- MIL STD Departures added for ESCM, ESDF, ESPA, selectable in SID
- Stand assignment for F28 at ESSB should now work better.
- Added .833 to text alias with information on how to manually tune frequencies. (use .833)

Files updated

ADDED CHANGED REMOVED

- *(.sct, .ese, .prf, and files in ICAO- and NavData folders always updated.)*
- ESAA_ESOS_APP.asr
- ESAA_ESGG_APP.asr
- ESMV GND.asr
- ESNJ GND.asr
- GRpluginMaps.txt
- GRpluginStands.txt
- LoginProfiles.txt
- TopSkyMaps.txt
- TopSkyAirspace.txt
- ESAA_ACC.asr
- ESOW GND.asr
- ESAA_TMC.asr *(Replaced by APP-ASRs)*

AIRAC 2311

AIRAC changes

- New D-area D190 Kattegatt
- TopSkyAreas: Added from AIP SUP R833,834,835,839,840, R317,318,319,803,804,970

Non AIRAC changes

- Multiple 8,33 kHz frequency updated
- New PEL/XFL to EPWW for EKCH/ESMS DEP/ARR
- New Release Lines to EDWW/EDUU
- Updated DCT points to EDWW/EDUU/ENOR
- ESSB departures revised, new "SID/HDG" see LPM.
- ESSA config 5 changed. All DEP to ARS, PETEV, NOSLI and TRS is cleared via KOGAV SID.
- Maestro plugin (1.1b6) updated
- GRPluginMaps: File reworked, showing only data for active airport. Wingspan/Heavy restrictions added at ESSA/GG
- Added VATCAN (hidden) and AMAN data fields to TML 1 and 2
- TopSkyMaps: RNP APP displaying filled fix and name at last fix to join RNP APP

Files updated

- (.sct, .ese, .prf, Files in ICAO- and NavData always updated.)
- GRpluginMaps.txt
- TopSkyAreas.txt
- LoginProfiles.txt
- Plugin.txt

AIRAC 2310

AIRAC changes

- NIL

Non AIRAC changes

- CTR Coordinates corrected/updated for, ESNU, ESCM, ESGT, ESDF
- TopSkyMaps missing TMA Altitude for ESNZ added
- TopSkyMaps MVA added
- Maestro plugin, settings and manuals updated (1.1b5)
- GRPMaps ESSB Y3 WIP Removed
- Precision (PAR) Positions added

- CDM plugin updated to latest version

AIRAC 2309

AIRAC changes

- NIL

Non AIRAC changes

- Basic ATS-routes updated.
- 3 nm separation line removed as 3 nm radar separation applies below FL 195 in the whole FIR now.
- PCA sectors (Military exercise areas) updated.
- GRplugin Maps, new WIP areas added at ESGG and ESSA.
- VCCS panel updated.
- 8.33 kHz frequencies added for EDUU.

AIRAC 2308

AIRAC changes

- R-area R122 Muskö added.
- Some R-areas with radiuses has been updated.
- AMA (MSAW) updated.
- New initial climb altitude for ESGG SID to MISVI and SOJWI. New altitude is 4000 ft. Only valid for those two SIDs, the other turboprop SIDs has 5000 ft.
- New IAP for ESCF.

Non AIRAC changes

- Maestro plugin updated. New settings file. Stable state is now at 12 min to not catch aircraft in climb.
- Data link clearance (DCL) format updated to align with real world.
- The data for Holding Point, Taxiway, Stand and Apron moved from GRplugin Maps file to sector file.

- ESSA and ESGG ASR, removed graphical draw directly from ASR. All graphical elements now drawn from GRplugin with sector file as reference.
- GRplugin Functions menu -> Maps, resorted. All aerodrome specific items now found under respective aerodrome while WIP moved to a separate item. 2nd window now controlled from the same menu item.
- New Alias shortcut for aircraft making wrong turns with link to taxiway map added, ".wt".

AIRAC 2307 V3

AIRAC changes

- ESPA TEMPO VOR approach RWY 14 (Is selectable via STAR as VORDME·T)
[ESPA banarbete tillfälliga procedurer](#)

Non AIRAC changes

- ESSB WIP area updated
- ESPA WIP area added
- Stand assignment now works correctly for aircraft not approved IRL, eg. F28.

AIRAC 2307

AIRAC changes

- ESOE TMA extended and IAP updated.
- Restricted area R210 new.

Non AIRAC changes

- CPDLC setting changed, now only transfer is default.
- ESE FLEG runway 01R ESSA updated to remove old waypoint.
- New behaviour when resizing windows.
- TWR frequencies can now be selected to be displayed via the Maps menu.
- CDM mode changed to "event mode". TSAT will not be assigned automatically from EOBT, once a TOBT is entered then a TSAT will be calculated. This will

prevent nuisance TSAT.

- Release line ESJAH new. More info will come with the new LOP.
- RNAV SID now default at ESOK.
- ESPA stand stands updated.
- ESGG Ground network updated with new stands.
- ESSB WIP Y3 added.
- ESSA strand assignment updated to allow less common aircraft types to be assigned to the terminal.
- SSR updated.
- CPH_I/E_ APP added. Same as EKDK B/D. New frequencies are not shown automatically yet. Use SI frequency.
- Almost all remaining ground layouts are now completed

AIRAC 2305

AIRAC changes

- New significant points: HUMBE, NAFFI, ODHAF. (In the area of Luleå and Pajala)
- Multiple new, removed and updated R/D-areas.
- New RNP SIDs for ESOK.

Non AIRAC changes

- XFL XILAN for ESSB arrivals changed to FL100.
- ESSA_DEP renamed ESSA_W_DEP with new SI DW. Multiple COP updated to reflect this.
- For EDDB arrivals, KETAP and OGBER added as optional DCT selectable from MAPS -> LOA ESMM submenu.
- General Setting, "Use ISECT.TXT for scratch pad" activated to allow for DCT to point not in SCT-file.
- VCCSSettings updated.
- TopSkySSRcodes updated.
- Symbols setting file updated. (Thanks to Max), Ground layout completely reworked for:
 - ESCM
 - ESDF
 - ESGT
 - ESKN

- ESKS
- ESMQ
- ESMS
- ESMT
- ESMX
- ESNO
- ESNQ
- ESNU
- ESNZ
- ESOE
- ESOW
- ESPA
- ESSB
- ESSU
- ESSV
- ESTA

AIRAC 2304

AIRAC changes

- Restricted area R117 Nynäshamn new and some small changes to other R/D-areas.
- Instrument procedures updated at ESMT.
- Northern part of ATS-route T31 renamed T81.

Non AIRAC changes

- CDM plug-in updated.
- New tick box added in the CDM list to keep track of what TSAT is communicated to pilot. Some other updated functionality.
- Manuals for the Swedish setup and CDM plugin has been updated.
- All stands now available at ESGG, ground layout updated accordingly.
- ESSB ground layout completely revised.
- Ground Network added at ESSB.
- 2nd Window in the GR-plugin now works for ESSA and ESGG. Thx Max.
- BAW and FIN(short haul) together with some other airline moved from terminal 5 to terminal 2 at ESSA.

- New colour (white) for R/D-areas that where ATC can not give permission to enter. E.g. national parks, prisons, nuclear power plants e.t.c.
- SID NEGIL2G from ESGG now have XFL 90 from GW to GE.
- Missing XFL from ESMM 8 to ESMM L for traffic to airports in northern Germany hopefully fixed.
- Missing line in INT borders fixed.
- Missing RNP-procedure at ESKM added.

AIRAC 2302

AIRAC changes

- NIL

Non AIRAC changes

- ESOS 3 now covers all of ESOS AoR when ESOS 1 is offline. With both online the normal division of sectors apply. If someone is online as ESOS 3, consider opening ESMM 2 instead of ESOS 1, this will result in the same division as ESOS 1 together with ESMM 2. This is a test to see if the workload can be managed better when alone as ACC.
- EFIN C now wovers more sectors when no other EFIN is online.
- Frequencies displayed updated for EDWW/EDUU, EPWW, EFIN and EKCH APP.
- SSR-code assignment updated with better handling of APL, VFR FP, local codes and specific callsigns for ambulance helicopters.
- Stand assignment at ESSB updated.
- Added Holding Points and taxiway closed markings to ESSB ground layout.
- SIM-ONLY ASR for ESSB added.
- Added missing line in area Örje.
- Updated XFL handling inbound ESSB.

AIRAC 2301

AIRC changes

- NIL

Non AIRAC changes

- A-CDM plugin updated.
- New manual: "Swedish tower setup and CDM plugin".
- Updated manual: "Swedish Setup for EuroScope"
- TWR / TWR A-CDM lists reworked.
- Added an Alternate Ownership for DEL-positions to have traffic show correctly in the lists. Only to be used by DEL. Drawback is that the sector sequence for the next GND position will not work, alas it did not work perfectly before either.
- Simulator ground network added at ESGG. All taxiways are now predefined for easier management of simulated ground traffic.
- SIM-ASR fixed, now actually working.
- Colours for ESGG Ground Radar view corrected to match real system.
- Added 90 m markers for TWY C, D and E in ESGG Ground Radar view. Holding points for the same TWY changed to red.
- ESSA Stand F33L renamed F33. Stand F33R removed.
- Correct SID now assigned at ESMS. (K-SID)
- Issue with XFL to EPGD via PENOR fixed.
- Issue with COPX/XFL when close to ESJAH fixed.
- APL squawk code range hopefully fixed, should be 5701 to 5777.
- Restricted areas at national parks are now shown in white.
- Colour for restricted areas adjusted.
- Restricted areas along the national border is realigned

For older changes to the sector file, see [this forum thread](#)

Revision #104

Created 12 November 2023 13:41:55 by Max Kuhla (1157125)

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