TopSky plugin for EuroScope

- version 2.2.1 -

Finland

EuroScope | power of control

Table of Contents

1   Track labels

The following descriptions show the positions of the data fields in the different labels of the default sets that are provided with the plugin and the available mouse click areas on them. The contents, any special coloring rules and the color definitions themselves for the data fields are explained in the General part of the manual set. Note that an uncorrelated primary radar track will not show a label at all.

Data fields in grey color can be selected globally on/off via the Track Control Window, or for some of them, for individual tracks via the selected or *Extended* track label. In case of the CFL/PEL field, only the PEL display can be selected off. For the COPN/COPX field, only the COPX display can be selected off. Data fields in parentheses are blank (instead of displaying the field name) when there is no data.

1.1 EFIN1 track labels

1.1.1 Uncorrelated label

Unselected track   *Selected track*

EMRG ALRT	EMRG ALRT
TSSR FLTID	TSSR (FLTID)
AFL a GS	AFL (a) GS
	(DSFL) (DHDG) (DIAS) (DMACH) (DRC)

1.1.2 Reduced label

Unselected track   *Selected track*

EMRG S	EMRG ALRT RI COORD COM V W R P Y M • • A + C TEL I S
CALLSIGN	CALLSIGN SI N/ATYP /WTC
AFL a CFL RFL GS	AFL (a) CFL/PEL RFL GS (CRC)
	AHDG (RWY) ASP ARC
	(DSFL) (DHDG) (DIAS) (DMACH) (DRC)
	(OP_TEXT2)
	(MALRT) (OP_TEXT) [max 2 lines of text]

1.1.3 Standard label

Unselected track   *Selected track*

EMRG ALRT RI COORD COM V W R P Y M • • A + C TEL I S NSSR CPDLC_E CPDLC_W	EMRG ALRT RI COORD COM V W R P Y M • • A + C TEL I S NSSR CPDLC_E CPDLC_W
CALLSIGN PFREQ SI N/ATYP /WTC	CALLSIGN (PFREQ) SI N/ATYP /WTC
AFL a CFL/PEL GS CRC	AFL (a) CFL/PEL RFL GS (CRC)
COPN/COPX XFL AHDG RWY ASP ARC	COPN/COPX XFL AHDG (RWY) ASP ARC
NPT PRFL DSFL DHDG DIAS DMACH DRC	(NPT) (PRFL) (DSFL) (DHDG) (DIAS) (DMACH) (DRC)
	(OP_TEXT2)
	(MALRT) (OP_TEXT) [max 2 lines of text]

1.1.4 Extended label

EMRG ALRT RI COORD COM V W R P Y M • • A + C TEL I S NSSR CPDLC_E CPDLC_W	COMP_CS
CALLSIGN (PFREQ) SI N/ATYP /WTC	TSSR ASSR PSSR FLTID
AFL (a) CFL/PEL RFL GS (CRC)	ADEP ADES
COPN/COPX XFL AHDG (RWY) ASP ARC	SQ TAS TRACK
(NPT) (PRFL) (DSFL) (DHDG) (DIAS) (DMACH) (DRC)	
(OP_TEXT2)	
(MALRT) (OP_TEXT) [max 2 lines of text]	
(FIELD15) [max 6 lines of text]	
(FIELD18) [max 6 lines of text]	

1.2 EFIN2 track labels

1.2.1 Uncorrelated label

Unselected track   *Selected track*

```
EMRG  ALRT
TSSR  FLTID
AFL  a  GS
```

```
EMRG  ALRT
TSSR  (FLTID)
AFL  (a)  GS
(DSFL)  (DHDG)  (DIAS)  (DMACH)  (DRC)
```

1.2.2 Reduced label

Unselected track   *Selected track*

```
EMRG  S
CALLSIGN
AFL  a  GS
CFL  ARC  RFL
AHDG  ASP
```

```
EMRG  ALRT  RI  COORD  COM  V  W  R  P  Y  M  •  •  A  +  C  TEL  I  S  TEXT2
CALLSIGN  SI  N/ATYP  /WTC
AFL  (a)  (CRC)  GS
CFL  ARC  RFL
AHDG  RWY  ASP
(DSFL)  (DHDG)  (DIAS)  (DMACH)  (DRC)
(MALRT)  (OP_TEXT) [max 2 lines of text]
(OP_TEXT2)
```

1.2.3 Standard label

Unselected track   *Selected track*

```
EMRG  ALRT  RI  COORD  COM  V  W  R  P  Y  M  •  •  A  +  C  TEL  I  S  NSSR
CPDLC_E  CPDLC_W  TEXT2
CALLSIGN  PFREQ  SI  N/ATYP  /WTC
AFL  a  CRC  COPN/COPX  GS
CFL/PEL  XFL  ARC
AHDG  RWY  ASP
NPT  PRFL  DSFL  DHDG  DIAS  DMACH  DRC
```

```
EMRG  ALRT  RI  COORD  COM  V  W  R  P  Y  M  •  •  A  +  C  TEL  I  S  NSSR
CPDLC_E  CPDLC_W  TEXT2
CALLSIGN  (PFREQ)  SI  N/ATYP  /WTC
AFL  (a)  (CRC)  COPN/COPX  GS
CFL/PEL  XFL  ARC  RFL
AHDG  RWY  ASP
(NPT)  (PRFL)  (DSFL)  (DHDG)  (DIAS)  (DMACH)  (DRC)
(MALRT)  (OP_TEXT) [max 2 lines of text]
(OP_TEXT2)
```

1.2.4 Extended label

```
EMRG  ALRT  RI  COORD  COM  V  W  R  P  Y  M  •  •  A  +  C  TEL  I  S  NSSR  CPDLC_E  CPDLC_W  TEXT2        COMP_CS
CALLSIGN  (PFREQ)  SI  N/ATYP  /WTC                          TSSR  ASSR  PSSR  FLTID
AFL  (a)  (CRC)  COPN/COPX  GS                               ADEP  ADES
CFL/PEL  XFL  ARC  RFL                                       SQ  TAS
AHDG  RWY  ASP                                               TRACK
(NPT)  (PRFL)  (DSFL)  (DHDG)  (DIAS)  (DMACH)  (DRC)
(MALRT)  (OP_TEXT) [max 2 lines of text]
(OP_TEXT2)
(FIELD15) [max 6 lines of text]
(FIELD18) [max 6 lines of text]
```

1.3 EFHK track labels

1.3.1 Uncorrelated label

Unselected track   *Selected track*

```
EMRG  ALRT
TSSR  FLTID
AFL  a  GS
```

```
EMRG  ALRT
TSSR  (FLTID)
AFL  (a)  GS
(DSFL)  (DHDG)  (DIAS)  (DMACH)  (DRC)
```

1.3.2 Reduced label

Unselected track   *Selected track*

```
EMRG  S
CALLSIGN  SI  N/ATYP  /WTC
AFL  a  CFL  ASP  GS
AHDG  RWY
OP_TEXT2
```

```
EMRG  COM  I  S
CALLSIGN  SI  N/ATYP  /WTC
AFL  (a)  CFL  ASP  GS
AHDG  (RWY)
OP_TEXT2
(DSFL)  (DHDG)  (DIAS)  (DMACH)  (DRC)
```

1.3.3 Standard label

Unselected track   *Selected track*

```
EMRG  ALRT  RI  COORD  COM  V  P  M  • •  A + C  TEL  I  S  NSSR  CPDLC_E
CPDLC_W
CALLSIGN  PFREQ  SI  N/ATYP  /WTC
AFL  a  CFL/PEL  ASP  GS
AHDG  RWY  COPN/COPX  NPT  XFL  PRFL
OP_TEXT2
DSFL  DHDG  DIAS  DMACH  DRC
```

```
EMRG  ALRT  RI  COORD  COM  V  W  R  P  Y  M  • •  A + C  TEL  I  S  NSSR
CPDLC_E  CPDLC_W
CALLSIGN  (PFREQ)  SI  N/ATYP  /WTC
AFL  (a)  CFL/PEL  ASP  GS
AHDG  (RWY)  COPN/COPX  (NPT)  XFL  (PRFL)
(OP_TEXT2)
(DSFL)  (DHDG)  (DIAS)  (DMACH)  (DRC)
```

1.3.4 Extended label

```
EMRG  ALRT  RI  COORD  COM  V  W  R  P  Y  M  • •  A + C  TEL  I  S  NSSR  CPDLC_E  CPDLC_W
CALLSIGN  (PFREQ)  SI  N/ATYP  /WTC
AFL  (a)  CFL/PEL  ASP  GS
AHDG  (RWY)  COPN/COPX  (NPT)  XFL  (PRFL)
(OP_TEXT2)
(DSFL)  (DHDG)  (DIAS)  (DMACH)  (DRC)
(FIELD15)  [max 6 lines of text]
(FIELD18)  [max 6 lines of text]
(MALRT)  (OP_TEXT)  [max 2 lines of text]
```

```
COMP_CS
TSSR  ASSR  PSSR  FLTID
ADEP  ADES
RFL  TAS
TRACK  (CRC)  ARC
```

1.4 Other track labels

1.4.1 Uncorrelated label

Unselected track   *Selected track*

```
EMRG  ALRT
TSSR  FLTID
AFL  a  GS
```

```
EMRG  ALRT
TSSR  (FLTID)
AFL  (a)  GS
(DSFL)  (DHDG)  (DIAS)  (DMACH)  (DRC)
```

1.4.2 Reduced label

Unselected track   *Selected track*

```
EMRG  S
CALLSIGN
AFL  a  CFL  GS
```

```
EMRG  COM  I  S
CALLSIGN
AFL  (a)  CFL  GS
AHDG
```

1.4.3 Standard label

Unselected track   *Selected track*

```
EMRG ALRT RI COORD COM V W R P Y M • • A + C TEL I S NSSR
CPDLC_E CPDLC_W
CALLSIGN  PFREQ  SI  N/ATYP  /WTC
AFL  a  CFL/PEL  ASP  GS  CRC
AHDG  XFL  COPN/COPX  NPT  PRFL
DSFL  DHDG  DIAS  DMACH  DRC
OP_TEXT2
```

```
EMRG ALRT RI COORD COM V W R P Y M • • A + C TEL I S NSSR
CPDLC_E CPDLC_W
CALLSIGN  (PFREQ)  SI  N/ATYP  /WTC
AFL  (a)  CFL/PEL  ASP  GS  (CRC)
AHDG  XFL  COPN/COPX  (RWY)  (NPT)  (PRFL)
(DSFL)  (DHDG)  (DIAS)  (DMACH)  (DRC)
OP_TEXT2
```

1.4.4 Extended label

```
EMRG ALRT RI COORD COM V W R P Y M • • A + C TEL I S NSSR CPDLC_E CPDLC_W        COMP_CS
CALLSIGN  (PFREQ)  SI  N/ATYP  /WTC  SQ              TSSR  ASSR  PSSR  FLTID
AFL  a  CFL/PEL  ASP  GS  (CRC)                      ADEP  ADES
AHDG  XFL  COPN/COPX  (RWY)  (NPT)  (PRFL)           RFL  TAS  TRACK  ARC
(DSFL)  (DHDG)  (DIAS)  (DMACH)  (DRC)
(OP_TEXT2)
(FIELD15)  [max 6 lines of text]
(FIELD18)  [max 6 lines of text]
(MALRT)  (OP_TEXT)  [max 2 lines of text]
```

1.5   Mouse functions in track labels

Data field	Left-click action	Right-click action
+		Open extended label
A		Open extended label
ADES	Open Flight Plan Window	Open ES flight plan dialog
AFL	Open AFL menu	Toggle flight leg display
AHDG	Open AHDG menu	Open CPDLC Current Message Window (if field includes "+")
ARC	Open ARC menu	
ASP	Open ASP menu	Open CPDLC Current Message Window (if field includes "+")
ASSR	Open ASSR menu	Send CPDLC "Squawk SSR" message
C	Toggle inbound clearance flag	
CALLSIGN	Open Callsign menu	Open extended label
CFL/PEL	Acknowledge PEL highlight, Open CFL / COPN altitude menu	Toggle flight leg display
COORD	Open Tactical Transfer menu	Open Tactical Info Window
COPN/COPX	Open Waypoint menu	Toggle flight leg display
CPDLC_E	Open CPDLC Emergency Ack menu	
CPDLC_W	Acknowledge warning / Open CPDLC Pilot Late Acknowledgement menu	Open CPDLC Current Message Window (if field includes "+")
DHDG		Toggle display in unselected label
DIAS		Toggle display in unselected label
DMACH		Toggle display in unselected label
DRC		Toggle display in unselected label
DSFL		Toggle display in unselected label
GS		Toggle display in unselected label
I		Open extended label
M	Toggle military coordination flag	
N/ATYP	Toggle mode S DAPs display	Toggle display in unselected label
NPT	Open NPT menu	Open CPDLC Current Message Window (if field includes "+")
NSSR	Open ASSR menu	Send CPDLC "Squawk SSR" message
OP_TEXT	Edit OP-TEXT	
OP_TEXT2	Edit OP-TEXT2	
PFREQ		Acknowledge monitoring indicator
PRFL	Open RFL menu	Open CPDLC Current Message Window (if field includes "+")
RFL	Open RFL menu	
RWY	Open RWY setup menu	
SI	Open next controller menu	Toggle sector ID/freq display
SQ	Open Sequence number menu	
TEL (EuroScope "Manual coordination flag" tag item)	Accept manual coordination	
TEXT2		Open extended label
TSSR	Open Callsign menu	Toggle mode S DAPs display
/WTC		Toggle display in unselected label
XFL	Open COPX altitude menu	Toggle flight leg display

1.6 Generic Ground S mode labels

All the label sets include the following labels to enable a generic ground radar display. The items and functions in them are all EuroScope default ones.

Unselected track

```
CALLSIGN
ATYP  WTC
OP_TEXT2
```

Selected track

```
CALLSIGN
ATYP  WTC
OP_TEXT2
```

Mouse functions

Data field	Left-click action	Right-click action
CALLSIGN	Open ES flight plan dialog	
OP_TEXT2	Edit scratch pad string	

2   Flight lists

The ES default lists have the following items and functionality (some fields are deselected by default). Where the data field title is not the same as the label field title, the label field title is shown in parentheses under it.

2.1   Sector Inbound List (SIL) and Sector Exit List (SEL)

Data field	Left-click action	Right-click action
ETO (ETN)	Open estimate popup	
COPN	Open Waypoint menu	Toggle flight leg display
PEL	Acknowledge PEL highlight, Open COPN altitude coordination list	Toggle flight leg display
(EuroScope "Manual coordination flag" tag item)	Accept manual coordination	
PS (SI)	Open next controller popup list	
Callsign	Open Callsign menu	
ASSR	Open ASSR menu	Send CPDLC "Squawk SSR" message
N/ATYP		
WTC		
CFL	Open CFL menu	Toggle flight leg display
RFL	Open RFL menu	Open CPDLC Entire Message Window
ADEP		
ROUTE		
ADES	Open Flight Plan Window	Open ES flight plan dialog
SQ	Open SQ menu	
STAR	Open STAR setup popup list	
RWY	Open RWY setup popup list	
STD (GR plugin "Arrival stand" item)	Open Stand menu	
ETA	Open estimate popup	
COPX	Open Waypoint menu	Toggle flight leg display
ETO (ETX)	Open estimate popup	
XFL	Open COPX altitude coordination list	Toggle flight leg display
(EuroScope "Manual coordination flag" tag item)	Accept manual coordination	
NS (SI)	Open next controller popup list	

2.2   Departure List

Data field	Left-click action	Right-click action
TIME (ETD)	Open Time menu	Open FP track status popup
SLOT (ATD)	Open Time menu	
Callsign	Open Callsign menu	
N/ATYP		
WTC		
STD (GR plugin "Departure stand" item)		
ASSR	Open ASSR menu	Send CPDLC "Squawk SSR" message

CFL	Open CFL menu	Toggle flight leg display
accFL (XFL)	Open COPN/COPX altitude coordination list	Toggle flight leg display
RFL	Open RFL menu	Open CPDLC Entire Message Window
ADEP		
SQ (DSQ)	Open DSQ menu	Decrease DSQ number by one
RWY (DRWY)	Open RWY setup popup list	
SID	Open SID setup popup list	
AHDG	Open AHDG menu	Open CPDLC Entire Message Window
COPX	Open Waypoint menu	Toggle flight leg display
ROUTE		
ADES	Open Flight Plan Window	Open ES flight plan dialog
CLR	Open PDC Window	
STATE (GR plugin "Ground state" item)	Open Ground state menu	

2.3 Arrival List

Data field	Left-click action	Right-click action
Callsign	Open Callsign menu	
N/ATYP		
AFL	Open AFL menu	Toggle flight leg display
CFL	Open CFL menu	Toggle flight leg display
ASSR	Open ASSR menu	Send CPDLC "Squawk SSR" message

2.4 Flight Plan List

Data field	Left-click action	Right-click action
Callsign	Open Callsign menu	
ASSR	Open ASSR menu	Send CPDLC "Squawk SSR" message
N/ATYP		
ADEP		
ETD	Open FP track status popup	
ADES	Open Flight Plan Window	Open ES flight plan dialog
RFL	Open RFL menu	Toggle flight leg display
ETA	Open estimate popup	
SI	Open next controller popup list	
STS (EuroScope "Flight Plan Track Status" item)	Open FP track status popup	

3   Plugin settings

The following setting can be used in the settings data file to activate a pre-defined setup for Finland:

Setup=FI

Besides airspace related settings, some highlights on what the setup contains are listed below. For detailed information, refer to the settings spreadsheet found in the developer documentation.

Plugin type

A