Langen Radar Tags

Colors

Color	State	Meaning
	Assumed Transfer initiated	Track is assumed Track is being transferred to the next controller
	Notified Coordinated	Track will enter the active sector (> 15 min) Track will enter the active sector (< 15 min)
	Redundant	Track has been transferred to the next controller but is still inside the active sector
	Unconcerned	Track will not enter the active sector
	Urgency	STCA-, MTCD-Alerts, Equipment-Warnings
	Warning	Risk, APW, not confirmed STAR/SID/RWY
	AIW	Airspace Intrusion Warning
	Information	
	Proposition outgoing	Outgoing coordination requests
	Proposition incoming	Incoming coordination requests

Center-Tags

Untagged

```
SQI
CALLSIGN SI ATYP WTC GS
AFL↓CRC
DIAS ADES
DMACH DHDG
```

Item	Name	Meaning
SQI	Squawk Indicator	Decodes SQUAWK into an abbreviation that indicates sth
Callsign	Callsign	
SI	Sector Identifier	IF assumed: shows next stations indicator / 3 minutes prior sector entry shows next frequency All other states: Shows current unit that has track assumed
ATYP	Aircraft-Type	only shown when toggled
WTC	Wake-Turbulence Category	L, H and J shown in warning color, M only when toggled
GS	Groundspeed	
AFL	Actual Flight Level	
↓	Descend/Climb Indicator	
CRC	Computed Rate of Climb/Descent	
DIAS	Calculated IAS	Simulates MODE-S readout IAS (IASsure-plugin) / only shown when toggled
ADES	Aerodrome Destination	only shown when toggled
DMACH	Calculated MACH	Simulates MODE-S readout MACH (IASsure-plugin) / only shown above FL245 and when toggled
DHDG	Mode-S readout heading	Heading A/C is currently flying, readout from server

Tagged

```
SQI WARNINGS
CALLSIGN SI ATYP WTC GS
AFL↓CRC ARC CFL/PEL COP
DIAS ASP AHDG XFL ADES
DMACH DHDG
```

Item	Name	Meaning
SQI	Squawk Indicator	Decodes SQUAWK into an abbreviation that indicates sth
NSSR	Assigned Squawk	Only shown if unequal to transmitted Squawk
Warnings		> TopSky-Documentation
Callsign	Callsign	
SI	Sector Identifier	IF assumed: shows next stations indicator / 3 minutes prior sector entry shows next frequency All other states: Shows current unit that has track assumed
ATYP	Aircraft-Type	only shown when toggled
WTC	Wake-Turbulence Category	L, H and J shown in warning color, M only when toggled
GS	Groundspeed	
AFL	Actual Flight Level	
↓	Descend/Climb Indicator	
CRC	Computed Rate of Climb/Descent	
ARC	Assigned Rate of Climb/Descent	only shown if assigned
CFL/PEL	Cleared Flight Level / Planned Entry Level	In all states: only shown when unequal to AFL IF concerned/notified: Shows planned entry level All other states: shows cleared flight level
COP	Coordinated Point	IF assumed: shows exit COP All other states: shows entry COP
DIAS	Calculated IAS	Simulates MODE-S readout IAS (IASsure-plugin)
ASP	Assigned Speed	only shown if assigned
AHDG	Assigned Heading	only shown if assigned

XFL	Exit Flight Level	Only in assumed state and only when unequal to CFL or AFL
ADES	Aerodrome Destination	only shown when toggled
DMACH	Calculated MACH	Simulates MODE-S readout MACH (IASsure-plugin) / only shown above FL245 and when toggled
DHDG	Mode-S readout heading	Heading A/C is currently flying, readout from server

Detailed

```
SQI WARNINGS
CALLSIGN SI ATYP WTC GS +
AFL↓CRC ARC CFL/PEL COP
DIAS ASP AHDG XFL ADES
DMACH DHDG TRACK STAR
```

Item	Name	Meaning	Left-Click	Right-Click
SQI	Squawk Indicator	Decodes SQUAWK into an abbreviation that indicates sth		
NSSR	Assigned Squawk	Only shown if unequal to transmitted Squawk	Open CCAMS Squawk assign popup	Send Squawk via CPDLC
Warnings		> TopSky-Documentation		on DUPE-Warning = auto assign squawk
Callsign	Callsign		Open Callsign Menu	Toggle route draw (NO autohide)
SI	Sector Identifier	IF assumed: shows next stations indicator / 3 minutes prior sector entry shows next frequency All other states: Shows current unit that has track assumed	Open next controller popup list	Assume/Transfer
ATYP	Aircraft-Type		Edit remarktext	Toggle ATYP display
WTC	Wake-Turbulence Category	L, H and J shown in warning color	Open CCAMS Squawk assign popup	Toggle WTC highlight
GS	Groundspeed		Open ASP menu	Clear ASP value

+			Open extended tag	
AFL	Actual Flight Level		Open CFL menu	Toggle Route draw (WITH autohide)
↓	Descend/Climb Indicator		Open ARC menu	
CRC	Computed Rate of Climb/Descent		Open ARC menu	
ARC	Assigned Rate of Climb/Descent	only shown if assigned	Open ARC menu	
CFL/PEL	Cleared Flight Level / Planned Entry Level	In all states: only shown when unequal to AFL IF concerned/notified: Shows planned entry level All other states: shows cleared flight level	Open CFL/PEL menu	Open ARC menu
COP	Coordinated Point	IF assumed: shows exit COP All other states: shows entry COP	Open waypoint menu	Toggle route draw (NO autohide)
DIAS	Calculated IAS	Simulates MODE-S readout IAS (IASsure-plugin)	Open reported IAS menu	Toggle calculated IAS display
ASP	Assigned Speed		Open ASP menu	Clear ASP value
AHDG	Assigned Heading		Open AHDG menu	Open waypoint menu
XFL	Exit Flight Level	Only in assumed state	Open XFL menu	Open RFL menu
ADES	Aerodrome Destination		Open flight plan	Toggle ADES display
DMACH	Calculated MACH	Simulates MODE-S readout MACH (IASsure-plugin) / only shown above FL245 and when toggled	Open reported MACH menu	Toggle calculated MACH display
DHDG	Mode-S readout heading	Heading A/C is currently flying, readout from server		Toggle DHDG display
TRACK	True Groundtrack			
STAR	Standard Arrival Route			

Extended

```
SQI WARNINGS
CALLSIGN SI ATYP WTC GS +        TSSR
AFL↓CRC ARC CFL/PEL COP          ADEP ADES ALTN RFL
DIAS ASP AHDG XFL ADES           COMPANY C/S
DMACH DHDG TRACK STAR            SID STAR ARWY
```

Item	Name	Meaning	Left-click	Right-click
TSSR	Transmitted SSR		Auto assign squawk	Open SQUAWK assign popup
ADEP	Departure Aerodrome		Open flight plan	
ADES	Destination Aerodrome		Open flight plan	
ALT1	First Alternate Aerodrome		Open flight plan	
RFL	Requested Flight Level		Open RFL menu	
Company C/S	Radiotelephony Callsign	e.g. EWG = Eurowings		
SID			Open SID popup list	
STAR			Open STAR popup list	
ARWY	Arrival Runway		Open ARWY popup list	

Difference in Approach-Tags

Only differences are explained. The extended-label does not differ from the Center-Tag.

Untagged

```
SQI
CALLSIGN SI ATYP WTC GS
AFL↓CRC CFL ARWY
ASP ADES
DHDG
```

Item	Name	Meaning
CFL	Cleared Flight Level	Shown when unequal to AFL
ARWY	Arrival Runway	Shown in green confirmed color, if set
ASP	Assigned Speed	Shown if set
DMACH		Mach can't be displayed

Tagged

```
SQI WARNINGS
CALLSIGN SI ATYP WTC GS
AFL↓CRC ARC CFL/PEL COP ARWY
DIAS ASP AHDG XFL ADES
DHDG
```

Item	Name	Meaning
ARWY	Arrival Runway	Shown in green confirmed color, if set
ADES	Destination Aerodrome	Always shown for EDDS and EDDL stations
DMACH		Mach can't be displayed

Detailed

```
C SQI WARNINGS
CALLSIGN SI ATYP WTC GS +
AFL↓CRC ARC CFL/PEL COP ARWY
DIAS ASP AHDG XFL ADES
DHDG TRACK SID
```

Item	Name	Meaning	Left-click	Right-click

C	Clearance Indicator	Shown for aircraft flying to small airports for some stations: EDDL_APP: EDLV, EDLN, ETNG EDDK_APP: ETNN, EDKB	Clears C-Flag	
ARWY	Arrival Runway	Shown in green confirmed color, if set	Open RWY popup list	Toggle ADES display
DMACH		Mach can't be displayed		
SID		only for departures	Open SID popup list	