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## DXL - APRSmap englisch

Versionsgeschichte interaktiv durchsuchen  
VisuellWikitext

Version vom 2. Dezember 2018, 17:31

**Uhr (Quelltext anzeigen)**

OE2WAO ([Diskussion](#) | [Beiträge](#))

K

← Zum vorherigen Versionsunterschied

Aktuelle Version vom 14. August 2021,

**14:53 Uhr (Quelltext anzeigen)**

OE2WAO ([Diskussion](#) | [Beiträge](#))

K

Markierung: [Visuelle Bearbeitung](#)

(10 dazwischenliegende Versionen desselben Benutzers werden nicht angezeigt)

Zeile 1:	Zeile 1:
[[Kategorie:APRS]]	[[Kategorie:APRS]]
- [[Datei:Deutschland-flagge.gif]] Für die deutsche Version dieses Projekts [[DXL - APRSmap   >>hier klicken<<]]	+ [[Datei:Deutschland-flagge.gif   link=DXL - APRSmap]] Für die deutsche Version dieses Projekts [[DXL - APRSmap   >>hier klicken<<]]
	+
	+ [[Datei:Aprsmap-download.jpg   link=DXL - APRSmap Download]]
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- * OpenSource and already compiled for windows and linux	+

-	* 100% compliance with the current APRS protocol specifications	+	*OpenSource and already compiled for windows and linux
-	* No installation required, just copy and start	+	*100% compliance with the current APRS protocol specifications
-	* No unnecessary menus, focus is on the representation	+	*No installation required, just copy and start
-	* IP-based, out-of-the-box network-ready in HAMNET and Internet	+	*No unnecessary menus, focus is on the representation
-	* <b>Operation</b> via shortcuts	+	*IP-based, out-of-the-box network-ready in HAMNET and Internet
-	* Local serial connection (TNC) possible - operating as an RF IGATE	+	* <b>Operations best controlled</b> via shortcuts
-	* Several MapSources can be used. By default, this is OSM - OpenStreetMap	+	*Local serial connection (TNC) possible - operating as an RF IGATE
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Zeile 31:		Zeile 34:	
-	==First steps==	+	==Operation manual and help==
		+	[[DXL - APRSmap operating >> Operating instructions]] - the help in handling the program

	+	
	+	
	+	
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- * Next you will zoom to your QTH as far as you can 100% <b>identify</b> your home (zoom level <16). Then open ONLINE - MY POSITION and point to your home. While push and hold the SHIFT key click on your home. The coordinates will be copied into the MY POSITION field, just click OK to save them.	+	*Next you will zoom to your QTH as far as you can, 100% <b>identifying</b> your home (zoom level >16). Then open ONLINE - MY POSITION and point to your home <b>with the cursor</b> . While push and hold the SHIFT key click on your home. The coordinates will be copied into the MY POSITION field. Just click OK to save them.
- * Now you can set the SERVER URL by just inserting your favorite APRS IS. Click ADD to save this entry.	+	*Now you can set the SERVER URL by just inserting your favorite APRS IS. Click ADD to save this entry.
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aprs.oe2x zr.ampr.at (APRS IS connection via HAMNET)		aprs.oe2x zr.ampr.at (APRS IS connection via HAMNET)
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\* Last but not least you have to activate CONNECT SERVER to get data from the network.

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===Shortcuts===

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: delete markers

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**Zeile 73:**

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R toggle Radiorange Map on/off

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S Screenshot bpm (win), png (linux)

S Screenshot bpm (win), png (linux)

W Rain map (use topo or dark map)

W Rain map (use topo or dark map)

**Zeile 95:**

==[[DXL - APRSmap Download | Download]]==

**Zeile 84:**

**T toggle Timestamp**

**Zeile 107:**

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**[[Datei:Aprsmap-download.jpg | link=DXL - APRSmap Download]]**

[[DXL - APRSmap Download | APRSmap Download]] - For Windows, Linux and ARM (Raspberry Pi)

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**==Further operation manual==**

**more information is up to come**

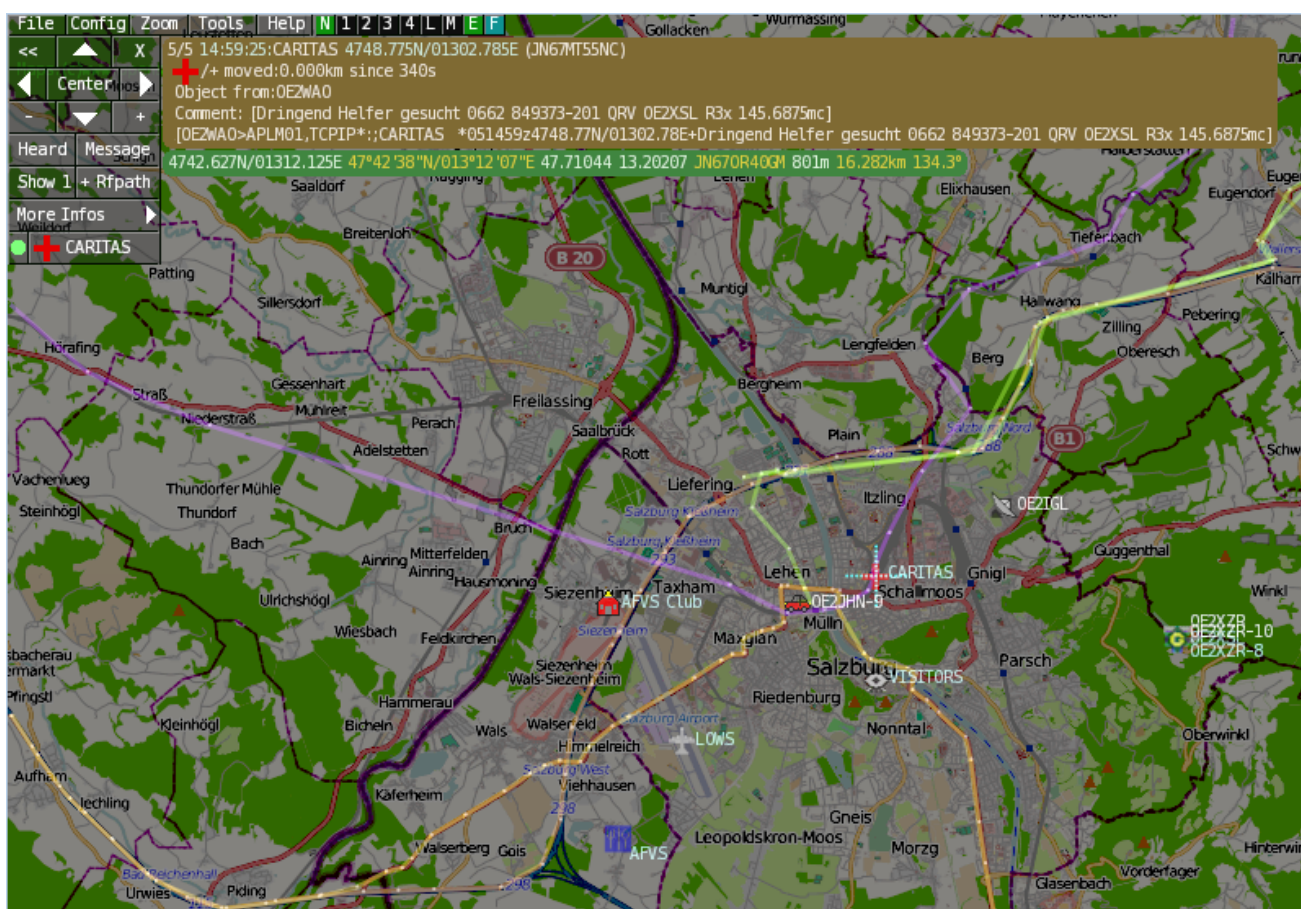
Aktuelle Version vom 14. August 2021, 14:53 Uhr



Für die deutsche Version dieses Projekts [>>hier klicken<<](#)



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A lot of documentation work will have to be done soon !!

## Inhaltsverzeichnis

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## Features

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- OpenSource and already compiled for windows and linux
- 100% compliance with the current APRS protocol specifications
- No installation required, just copy and start
- No unnecessary menus, focus is on the representation
- IP-based, out-of-the-box network-ready in HAMNET and Internet
- Operations best controlled via shortcuts
- Local serial connection (TNC) possible - operating as an RF IGATE
- Several MapSources can be used. By default, this is OSM - OpenStreetMap
- Downloading map source on demand
- Track filter for delayed / late / repeated packets "f"
- Radio propagation calculation (since v0.36) "R"
- Animation of tracks with timeline "a"
- Animation of the temperature distribution "w"
- Messaging

## Installation

---

After downloading the program you only have to extract the files into a subfolder of your program files folder, e.g. /APRSmap.

No installation routine is required, just extract and run the aprsmap.exe

## Operation manual and help

---

>> [Operating instructions](#) - the help in handling the program

### APRSmap 1st Start

On the first start of the program it is necessary to do some configuration. The most important things you have to adjust are in the ONLINE menu. You best configure all steps from up till down.

- First of all you put in your callsign (MY CALLSIGN) with optional SSID
- Second step is to choose your desired APRS icon (MY SYMBOL)
- Next you will zoom to your QTH as far as you can, 100% identifying your home (zoom level >16). Then open ONLINE - MY POSITION and point to your home with the cursor. While push and hold the SHIFT key click on your home. The coordinates will be copied into the MY POSITION field. Just click OK to save them.
- Now you can set the SERVER URL by just inserting your favorite APRS IS. Click ADD to save this entry.



for example:  
 aprs.oe2xzt.ampr.at (APRS IS connection via HAMNET)  
 austria.aprs2.net (APRS IS connection via Internet)

- You also need to enter a valid APRS PASSCODE to transmit packets to the APRS network (not needed in case of only RX). Just do a internet search on APRS PASSCODE to find a possibility on getting your code.
- Last but not least you have to activate CONNECT SERVER to get data from an to the APRS network.

## Shortcuts

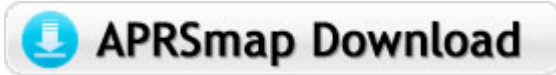
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: delete markers
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c Center (to last clicked Pixel)
d toggle (missing) map download
e toggle Errors only/All for stepping along a track with <>
f Junk Filter toggle on/off
h Heard (click symbol or text of igate before)
i Internal Status Listing
l toggle Labels on/off
m toggle dimm not moving since 10min
o toggle Objects/Items on/off
p toggle mouse-over Hints
q Quit Program
r toggle Radio tracks on/off
s toggle show only stations with a selected symbol
u toggle tx/rx-Monitor window on/off
w toggle WX stations and Temperature
x set Marker 1 to mouse position
y set Marker 2 and Line to Marker 1
B Open Beacon editor
C Enter Category of POI to be drawn on map
D Digi Config open/close
F Find Call (with wildcards * ?), Locator, Latitude/Longitude
H Altitude Colour Map (if srtm-Data available)
M Compose Message
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T toggle Timestamp
S Screenshot bpm (win), png (linux)
W Rain map (use topo or dark map)
< > Step along Beacons/Waypoints of a selected User
( ) Map Brightness +/- 5%
/ zoom to Marker 1-2 Square
\ shortcut list
~ change track colour
+ Zoom in - Zoom out
. zoom to track and show only this (clicked before)
= same as . but with radio tracks
0 show all (and radio tracks off)
1,2,3,4 Zoom/Pan to stored Views
7,8,9 use map type as configured
ESC close menus
```



```
Cursor up/down/left/right  move map, same as click near margin
SHIFT with up/down/left/right/[zoom+]/[zoom-]  in smaller steps
DEL    delete selected (Symbol, Waypoint)
TAB    switch between two Views
ctrl-L  Reset Image and Mouse parameters to default
ctrl-V  Paste
```

## Download

---



[APRSmap Download](#) - For Windows, Linux and ARM (Raspberry Pi)

## Further operation manual

---

more information is up to come

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**Zeile 107:**

==[[DXL - APRSmap Download | Download]]==

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**[[Datei:Aprsmap-download.jpg | link=DXL - APRSmap Download]]**

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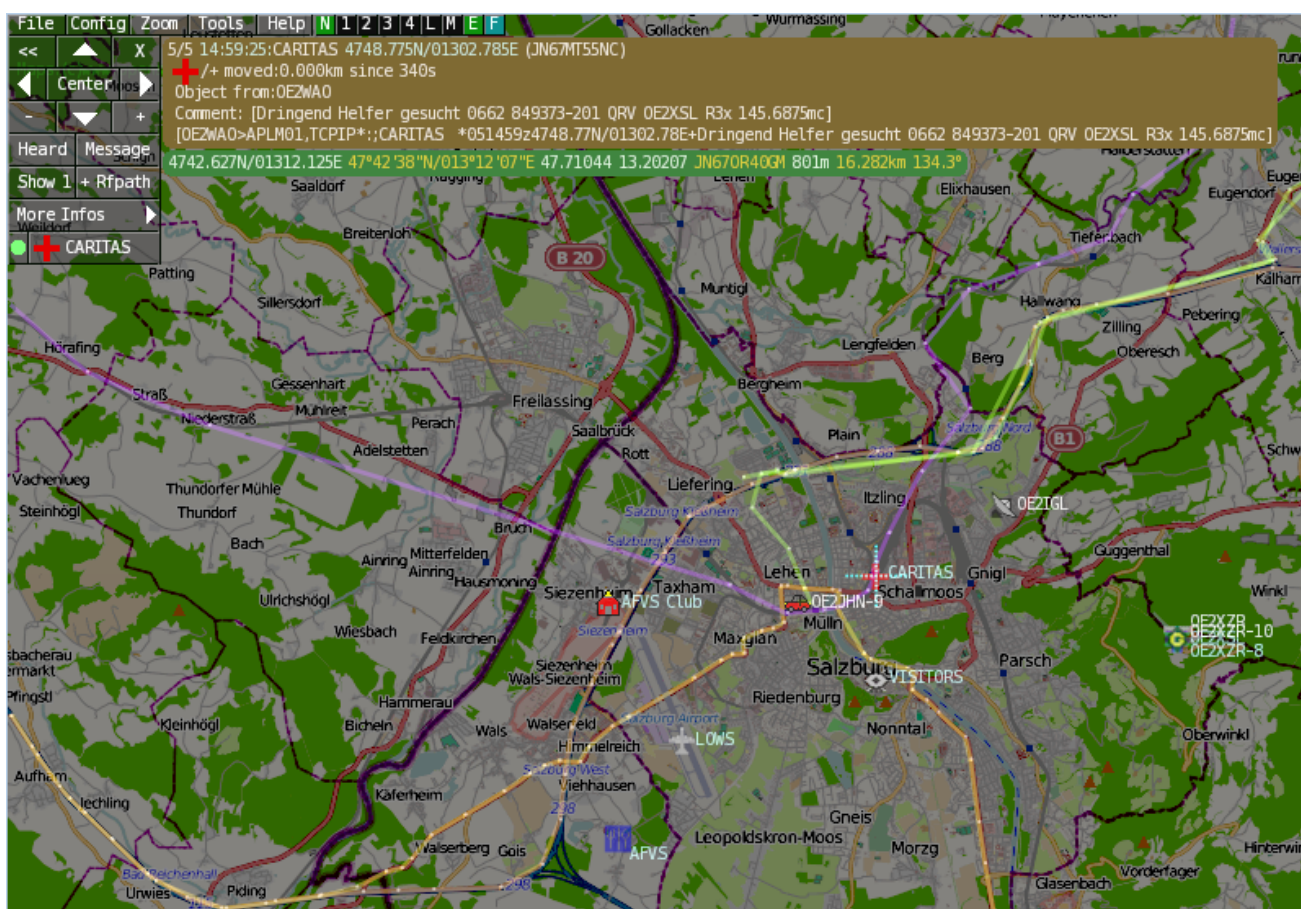
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Zeile 31:		Zeile 34:	
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	+	
	+	
	+	
	+	[[Datei:Aprsmap-1st-start.jpg]]
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===Shortcuts===

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a Animate (Click to Map to set Parameters)

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M Compose Message

M Compose Message

R toggle Radiorange Map on/off

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S Screenshot bpm (win), png (linux)

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W Rain map (use topo or dark map)

W Rain map (use topo or dark map)

**Zeile 95:**

==[[DXL - APRSmap Download | Download]]==

**Zeile 107:**

==[[DXL - APRSmap Download | Download]]==

[[DXL - APRSmap Download | APRSmap Download]] - For Windows, Linux and ARM (Raspberry Pi)

**[[Datei:Aprsmap-download.jpg | link=DXL - APRSmap Download]]**

[[DXL - APRSmap Download | APRSmap Download]] - For Windows, Linux and ARM (Raspberry Pi)

**==Further operation manual==**

**more information is up to come**

---

Aktuelle Version vom 14. August 2021, 14:53 Uhr

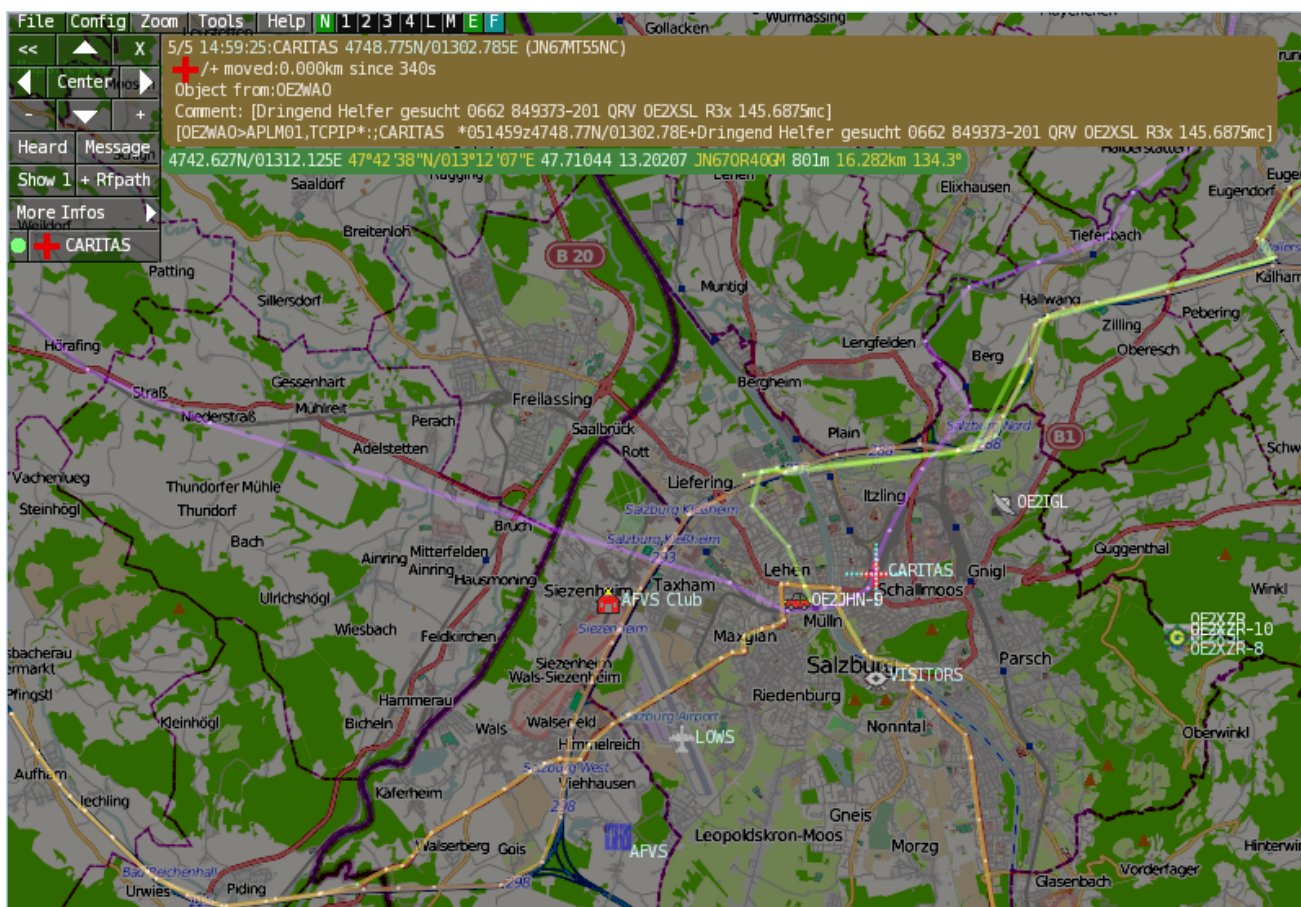
---



Für die deutsche Version dieses Projekts [>>hier klicken<<](#)



APRSmap is a new APRS client software by OE5DXL, which is based on the [OSM](#) map source. It allows a lot of features in only one program by a good usability. NO installation is required, just put it on a disk and start it!



A lot of documentation work will have to be done soon !!

## Inhaltsverzeichnis

1 Features .....	23
2 Installation .....	23
3 Operation manual and help .....	23
3.1 Shortcuts .....	24
4 Download .....	25
5 Further operation manual .....	25



---

## Features

---

- OpenSource and already compiled for windows and linux
- 100% compliance with the current APRS protocol specifications
- No installation required, just copy and start
- No unnecessary menus, focus is on the representation
- IP-based, out-of-the-box network-ready in HAMNET and Internet
- Operations best controlled via shortcuts
- Local serial connection (TNC) possible - operating as an RF IGATE
- Several MapSources can be used. By default, this is OSM - OpenStreetMap
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- Animation of tracks with timeline "a"
- Animation of the temperature distribution "w"
- Messaging

---

## Installation

---

After downloading the program you only have to extract the files into a subfolder of your program files folder, e.g. /APRSmap.

No installation routine is required, just extract and run the aprsmap.exe

---

## Operation manual and help

---

>> [Operating instructions](#) - the help in handling the program

### APRSmap 1st Start

On the first start of the program it is necessary to do some configuration. The most important things you have to adjust are in the ONLINE menu. You best configure all steps from up till down.

- First of all you put in your callsign (MY CALLSIGN) with optional SSID
- Second step is to choose your desired APRS icon (MY SYMBOL)
- Next you will zoom to your QTH as far as you can, 100% identifying your home (zoom level >16). Then open ONLINE - MY POSITION and point to your home with the cursor. While push and hold the SHIFT key click on your home. The coordinates will be copied into the MY POSITION field. Just click OK to save them.
- Now you can set the SERVER URL by just inserting your favorite APRS IS. Click ADD to save this entry.

for example:  
 aprs.oe2xzt.ampr.at (APRS IS connection via HAMNET)  
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## Shortcuts

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a Animate (Click to Map to set Parameters)
b or <Backspace> go back in position history
c Center (to last clicked Pixel)
d toggle (missing) map download
e toggle Errors only/All for stepping along a track with <>
f Junk Filter toggle on/off
h Heard (click symbol or text of igate before)
i Internal Status Listing
l toggle Labels on/off
m toggle dimm not moving since 10min
o toggle Objects/Items on/off
p toggle mouse-over Hints
q Quit Program
r toggle Radio tracks on/off
s toggle show only stations with a selected symbol
u toggle tx/rx-Monitor window on/off
w toggle WX stations and Temperature
x set Marker 1 to mouse position
y set Marker 2 and Line to Marker 1
B Open Beacon editor
C Enter Category of POI to be drawn on map
D Digi Config open/close
F Find Call (with wildcards * ?), Locator, Latitude/Longitude
H Altitude Colour Map (if srtm-Data available)
M Compose Message
R toggle Radiorange Map on/off
T toggle Timestamp
S Screenshot bpm (win), png (linux)
W Rain map (use topo or dark map)
< > Step along Beacons/Waypoints of a selected User
( ) Map Brightness +/- 5%
/ zoom to Marker 1-2 Square
\ shortcut list
~ change track colour
+ Zoom in - Zoom out
. zoom to track and show only this (clicked before)
= same as . but with radio tracks
0 show all (and radio tracks off)
1,2,3,4 Zoom/Pan to stored Views
7,8,9 use map type as configured
ESC close menus
```

```
Cursor up/down/left/right  move map, same as click near margin
SHIFT with up/down/left/right/[zoom+]/[zoom-]  in smaller steps
DEL    delete selected (Symbol, Waypoint)
TAB    switch between two Views
ctrl-L  Reset Image and Mouse parameters to default
ctrl-V  Paste
```

## Download

---



[APRSmap Download](#) - For Windows, Linux and ARM (Raspberry Pi)

## Further operation manual

---

more information is up to come

## DXL - APRSmap englisch: Unterschied zwischen den Versionen

Versionsgeschichte interaktiv durchsuchen

VisuellWikitext

**Version vom 2. Dezember 2018, 17:31**

**Uhr (Quelltext anzeigen)**

OE2WAO ([Diskussion](#) | [Beiträge](#))

K

← Zum vorherigen Versionsunterschied

**Aktuelle Version vom 14. August 2021,**

**14:53 Uhr (Quelltext anzeigen)**

OE2WAO ([Diskussion](#) | [Beiträge](#))

K

Markierung: [Visuelle Bearbeitung](#)

(10 dazwischenliegende Versionen desselben Benutzers werden nicht angezeigt)

**Zeile 1:**

[[Kategorie:APRS]]

**Zeile 1:**

[[Kategorie:APRS]]

-

[[Datei:Deutschland-flagge.gif]] Für die deutsche Version dieses Projekts [[DXL - APRSmap | >>hier klicken<<]]

+

[[Datei:Deutschland-flagge.gif | **link=DXL - APRSmap**]] Für die deutsche Version dieses Projekts [[DXL - APRSmap | >>hier klicken<<]]

+

+

[[Datei:Aprsmap-download.jpg | **link=DXL - APRSmap Download**]]

-

[[Datei:**aprsm**ap.png]]

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[[Datei:**Aprs**map.png]]

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==Features==

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W Rain map (use topo or dark map)

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**Zeile 95:**

==[[DXL - APRSmap Download | Download]]==

**Zeile 84:**

**T toggle Timestamp**

**Zeile 107:**

==[[DXL - APRSmap Download | Download]]==

**[[Datei:Aprsmap-download.jpg | link=DXL - APRSmap Download]]**

[[DXL - APRSmap Download | APRSmap Download]] - For Windows, Linux and ARM (Raspberry Pi)

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**==Further operation manual==**

**more information is up to come**



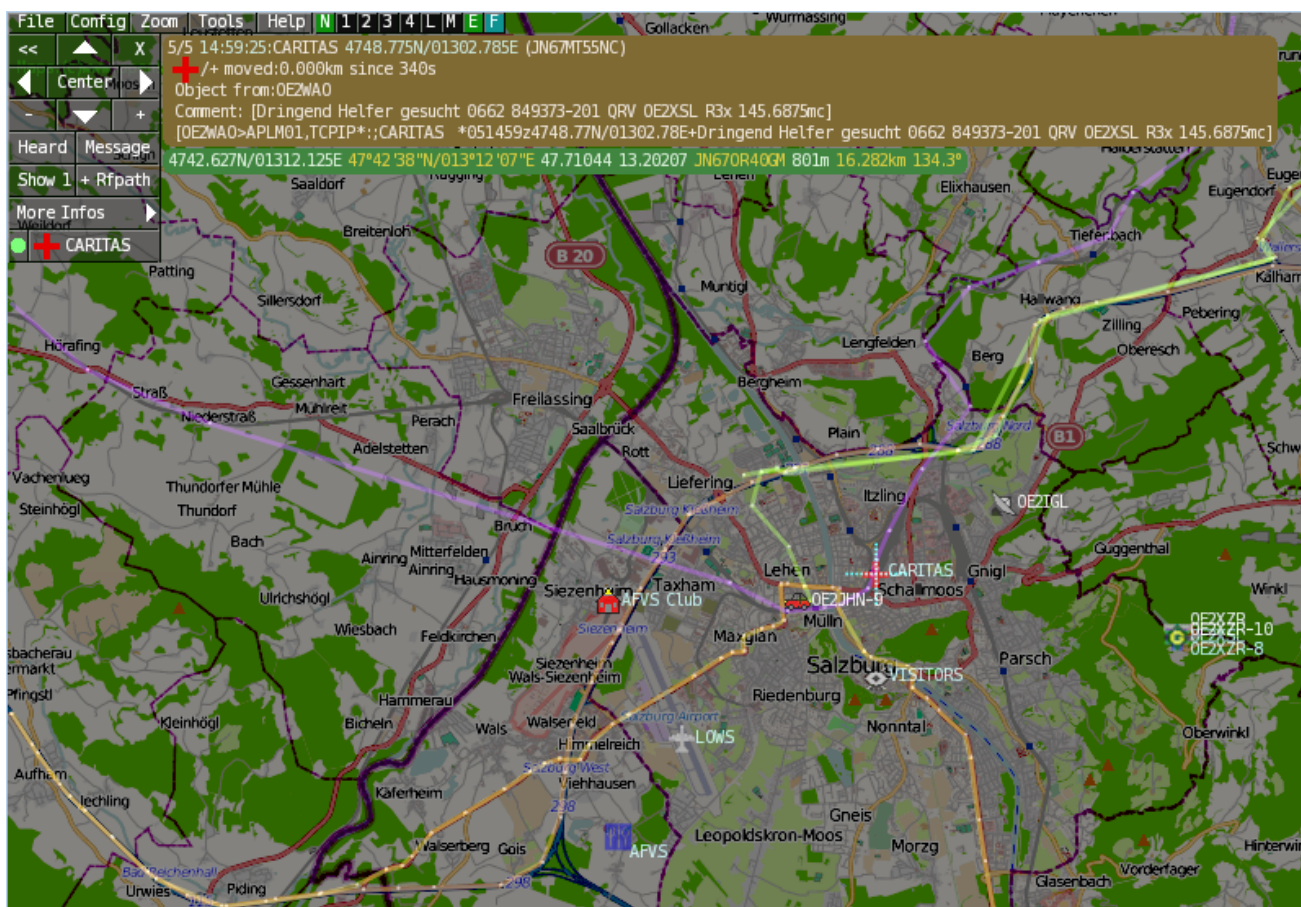
Aktuelle Version vom 14. August 2021, 14:53 Uhr



Für die deutsche Version dieses Projekts [>>hier klicken<<](#)



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1 Features .....	31
2 Installation .....	31
3 Operation manual and help .....	31
3.1 Shortcuts .....	32
4 Download .....	33
5 Further operation manual .....	33

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---



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---

more information is up to come

## DXL - APRSmap englisch: Unterschied zwischen den Versionen

Versionsgeschichte interaktiv durchsuchen

VisuellWikitext

**Version vom 2. Dezember 2018, 17:31**

**Uhr (Quelltext anzeigen)**

OE2WAO ([Diskussion](#) | [Beiträge](#))

K

← Zum vorherigen Versionsunterschied

**Aktuelle Version vom 14. August 2021,**

**14:53 Uhr (Quelltext anzeigen)**

OE2WAO ([Diskussion](#) | [Beiträge](#))

K

Markierung: [Visuelle Bearbeitung](#)

(10 dazwischenliegende Versionen desselben Benutzers werden nicht angezeigt)

Zeile 1:	Zeile 1:
<div>[[Kategorie:APRS]]</div>	<div>[[Kategorie:APRS]]</div>
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aprs.oe2x zr.ampr.at (APRS IS connection via HAMNET)		aprs.oe2x zr.ampr.at (APRS IS connection via HAMNET)
austria.aprs2.net (APRS IS connection via Internet)		austria.aprs2.net (APRS IS connection via Internet)
- * You also need to enter a valid APRS PASSCODE to transmit packets to the network (not needed in case of only RX). Just do a internet search on APRS <b>IS</b> PASSCODE to find a possibility on getting your code.	+	



\* Last but not least you have to activate CONNECT SERVER to get data from the network.

\*You also need to enter a valid APRS PASSCODE to transmit packets to the **APR S** network (not needed in case of only RX). Just do a internet search on APRS PASSCODE to find a possibility on getting your code.

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===Shortcuts===

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: delete markers

**<nowiki>:</nowiki>** delete markers

@ reset <On Next Click> to menu mode

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a Animate (Click to Map to set Parameters)

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**Zeile 73:**

M Compose Message

M Compose Message

R toggle Radiorange Map on/off

R toggle Radiorange Map on/off

S Screenshot bpm (win), png (linux)

S Screenshot bpm (win), png (linux)

W Rain map (use topo or dark map)

W Rain map (use topo or dark map)

**Zeile 95:**

==[[DXL - APRSmap Download | Download]]==

**Zeile 84:**

**T toggle Timestamp**

**Zeile 107:**

==[[DXL - APRSmap Download | Download]]==

**[[Datei:Aprsmap-download.jpg | link=DXL - APRSmap Download]]**

[[DXL - APRSmap Download | APRSmap Download]] - For Windows, Linux and ARM (Raspberry Pi)

[[DXL - APRSmap Download | APRSmap Download]] - For Windows, Linux and ARM (Raspberry Pi)

**==Further operation manual==**

**more information is up to come**

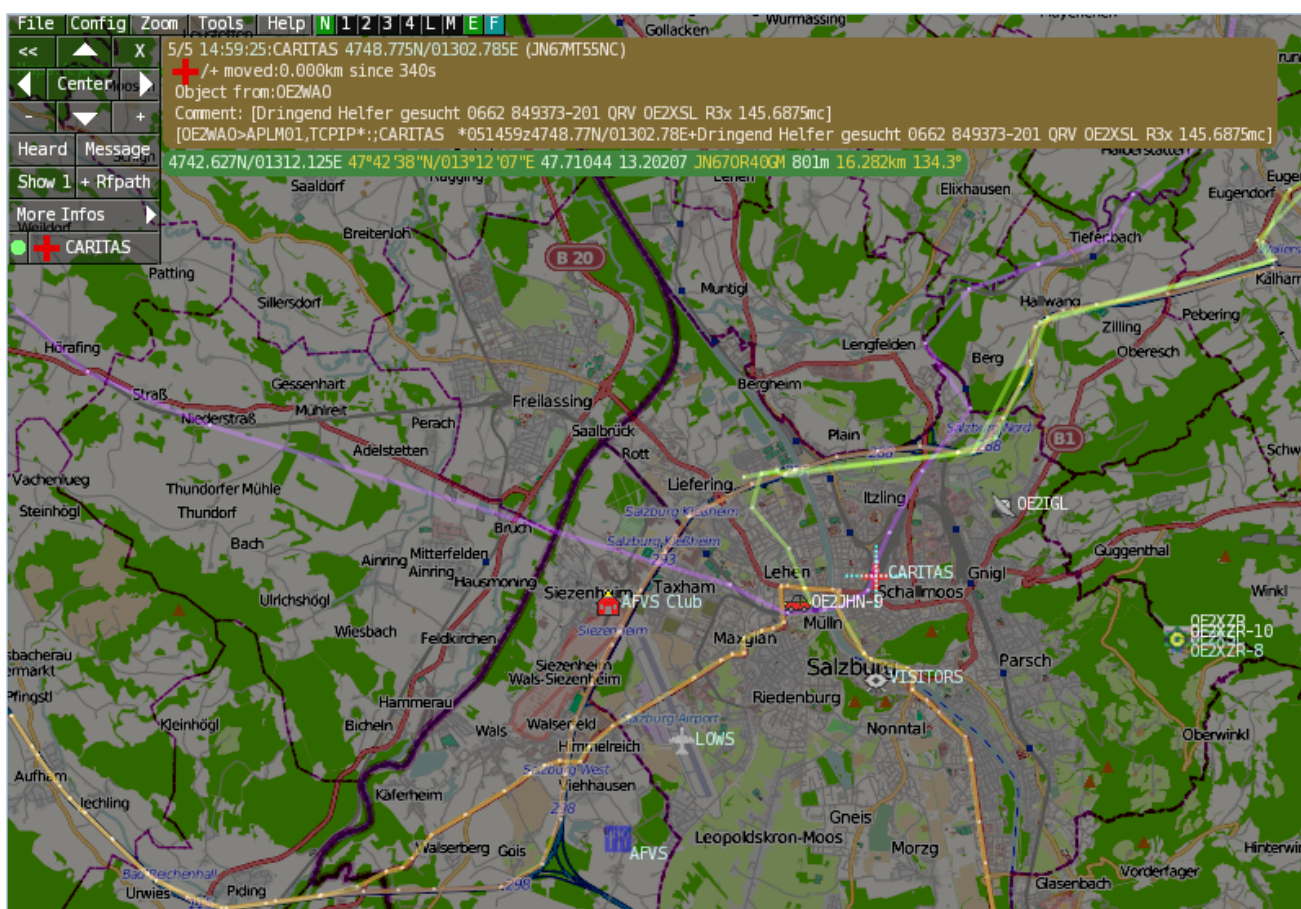
Aktuelle Version vom 14. August 2021, 14:53 Uhr



Für die deutsche Version dieses Projekts [>>hier klicken<<](#)



APRSmap is a new APRS client software by OE5DXL, which is based on the [OSM](#) map source. It allows a lot of features in only one program by a good usability. NO installation is required, just put it on a disk and start it!



A lot of documentation work will have to be done soon !!

## Inhaltsverzeichnis

1 Features .....	39
2 Installation .....	39
3 Operation manual and help .....	39
3.1 Shortcuts .....	40
4 Download .....	41
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---

## Features

---

- OpenSource and already compiled for windows and linux
- 100% compliance with the current APRS protocol specifications
- No installation required, just copy and start
- No unnecessary menus, focus is on the representation
- IP-based, out-of-the-box network-ready in HAMNET and Internet
- Operations best controlled via shortcuts
- Local serial connection (TNC) possible - operating as an RF IGATE
- Several MapSources can be used. By default, this is OSM - OpenStreetMap
- Downloading map source on demand
- Track filter for delayed / late / repeated packets "f"
- Radio propagation calculation (since v0.36) "R"
- Animation of tracks with timeline "a"
- Animation of the temperature distribution "w"
- Messaging

---

## Installation

---

After downloading the program you only have to extract the files into a subfolder of your program files folder, e.g. /APRSmap.

No installation routine is required, just extract and run the aprsmap.exe

---

## Operation manual and help

---

>> [Operating instructions](#) - the help in handling the program

### APRSmap 1st Start

On the first start of the program it is necessary to do some configuration. The most important things you have to adjust are in the ONLINE menu. You best configure all steps from up till down.

- First of all you put in your callsign (MY CALLSIGN) with optional SSID
- Second step is to choose your desired APRS icon (MY SYMBOL)
- Next you will zoom to your QTH as far as you can, 100% identifying your home (zoom level >16). Then open ONLINE - MY POSITION and point to your home with the cursor. While push and hold the SHIFT key click on your home. The coordinates will be copied into the MY POSITION field. Just click OK to save them.
- Now you can set the SERVER URL by just inserting your favorite APRS IS. Click ADD to save this entry.

for example:  
 aprs.oe2xzt.ampr.at (APRS IS connection via HAMNET)  
 austria.aprs2.net (APRS IS connection via Internet)

- You also need to enter a valid APRS PASSCODE to transmit packets to the APRS network (not needed in case of only RX). Just do a internet search on APRS PASSCODE to find a possibility on getting your code.
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## Shortcuts

```
: delete markers
@ reset <On Next Click> to menu mode
a Animate (Click to Map to set Parameters)
b or <Backspace> go back in position history
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i Internal Status Listing
l toggle Labels on/off
m toggle dimm not moving since 10min
o toggle Objects/Items on/off
p toggle mouse-over Hints
q Quit Program
r toggle Radio tracks on/off
s toggle show only stations with a selected symbol
u toggle tx/rx-Monitor window on/off
w toggle WX stations and Temperature
x set Marker 1 to mouse position
y set Marker 2 and Line to Marker 1
B Open Beacon editor
C Enter Category of POI to be drawn on map
D Digi Config open/close
F Find Call (with wildcards * ?), Locator, Latitude/Longitude
H Altitude Colour Map (if srtm-Data available)
M Compose Message
R toggle Radiorange Map on/off
T toggle Timestamp
S Screenshot bpm (win), png (linux)
W Rain map (use topo or dark map)
< > Step along Beacons/Waypoints of a selected User
( ) Map Brightness +/- 5%
/ zoom to Marker 1-2 Square
\ shortcut list
~ change track colour
+ Zoom in - Zoom out
. zoom to track and show only this (clicked before)
= same as . but with radio tracks
0 show all (and radio tracks off)
1,2,3,4 Zoom/Pan to stored Views
7,8,9 use map type as configured
ESC close menus
```

```
Cursor up/down/left/right  move map, same as click near margin
SHIFT with up/down/left/right/[zoom+]/[zoom-]  in smaller steps
DEL    delete selected (Symbol, Waypoint)
TAB    switch between two Views
ctrl-L  Reset Image and Mouse parameters to default
ctrl-V  Paste
```

## Download

---



[APRSmap Download](#) - For Windows, Linux and ARM (Raspberry Pi)

## Further operation manual

---

more information is up to come

## DXL - APRSmap englisch: Unterschied zwischen den Versionen

Versionsgeschichte interaktiv durchsuchen

VisuellWikitext

**Version vom 2. Dezember 2018, 17:31**

**Uhr (Quelltext anzeigen)**

OE2WAO ([Diskussion](#) | [Beiträge](#))

K

← Zum vorherigen Versionsunterschied

**Aktuelle Version vom 14. August 2021,**

**14:53 Uhr (Quelltext anzeigen)**

OE2WAO ([Diskussion](#) | [Beiträge](#))

K

Markierung: [Visuelle Bearbeitung](#)

(10 dazwischenliegende Versionen desselben Benutzers werden nicht angezeigt)

Zeile 1:	Zeile 1:
<div>[[Kategorie:APRS]]</div>	<div>[[Kategorie:APRS]]</div>
<div>- [[Datei:Deutschland-flagge.gif]] Für die deutsche Version dieses Projekts [[DXL - APRSmap   &gt;&gt;hier klicken&lt;&lt;]]</div>	<div>+ [[Datei:Deutschland-flagge.gif   link=DXL - APRSmap]] Für die deutsche Version dieses Projekts [[DXL - APRSmap   &gt;&gt;hier klicken&lt;&lt;]]</div>
	<div>+ </div>
	<div>+ [[Datei:Aprsmap-download.jpg   link=DXL - APRSmap Download]]</div>
<div>APRSmap is a new APRS client software by OE5DXL, which is based on the [http://www.osm.org OSM] map source. It allows a lot of features in only one program by a good usability. NO installation is required, just put it on a disk an start it!</div>	<div>APRSmap is a new APRS client software by OE5DXL, which is based on the [http://www.osm.org OSM] map source. It allows a lot of features in only one program by a good usability. NO installation is required, just put it on a disk an start it!</div>
<div>- [[Datei:aprsmmap.png]]</div>	<div>+ [[Datei:Aprsmap.png]]</div>
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<div>==Features==</div>	<div>==Features==</div>
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-	* <b>Operation</b> via shortcuts	+	*IP-based, out-of-the-box network-ready in HAMNET and Internet
-	* Local serial connection (TNC) possible - operating as an RF IGATE	+	* <b>Operations best controlled</b> via shortcuts
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-	* Animation of the temperature distribution "w"	+	*Animation of tracks with timeline "a"
-	* Messaging	+	*Animation of the temperature distribution "w"
		+	*Messaging
Zeile 31:		Zeile 34:	
-	==First steps==	+	==Operation manual and help==
		+	[[DXL - APRSmap operating >> Operating instructions]] - the help in handling the program



	+	
	+	
	+	
	+	[[Datei:Aprsmap-1st-start.jpg]]
	+	
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==[[DXL - APRSmap Download | Download]]==

**Zeile 107:**

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**+ [[Datei:Aprsmap-download.jpg | link=DXL - APRSmap Download]]**

[[DXL - APRSmap Download | APRSmap Download]] - For Windows, Linux and ARM (Raspberry Pi)

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**+ ==Further operation manual==**

**+ more information is up to come**

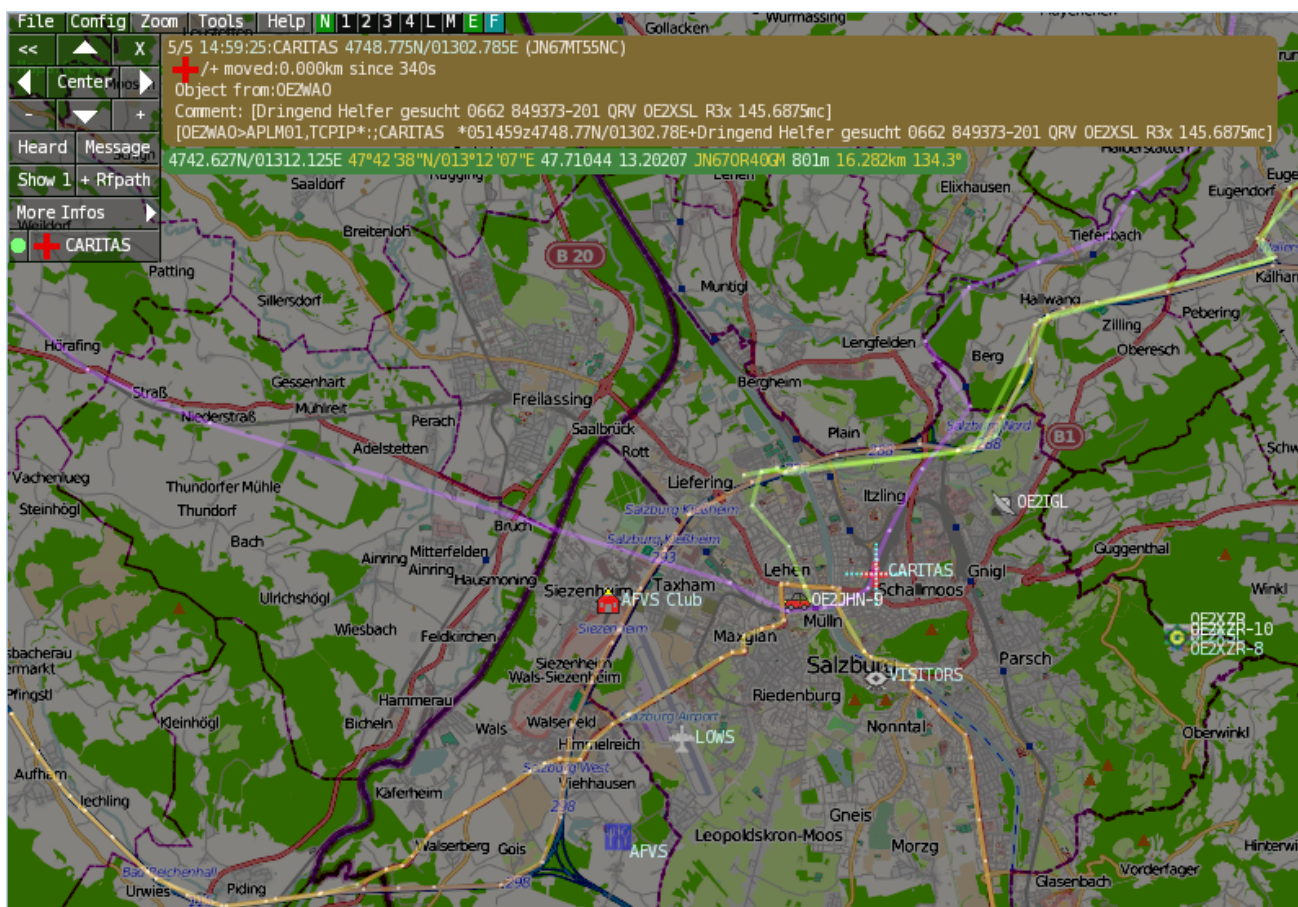
Aktuelle Version vom 14. August 2021, 14:53 Uhr



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## Further operation manual

---

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