



Parameter: ppc\_zg4

| IpasMobil                       |        |        |        |        |
|---------------------------------|--------|--------|--------|--------|
| AA                              | ZAb    | EZ     | B1/2   | Konto  |
| 33                              | 02     | 9      |        | VFu    |
| 34                              | 02     | 8      |        | VKfz   |
| VFu                             | VFu    | VFu    | VFu    | VFu    |
| ESK                             | ESK    | ESK    | ESK    | ESK    |
| OSK                             | OSK    | OSK    | OSK    | OSK    |
| OGM                             | OGM    | OGM    | OGM    | OGM    |
| WerbeU                          | WerbeU | WerbeU | WerbeU | WerbeU |
| KfzVA                           | KfzVA  | KfzVA  | KfzVA  | KfzVA  |
| 01                              | 02     | 03     | 04     | 05     |
| Änd                             | Besch  | ZAb+   | Ton    | 0,00   |
| Datei Ablauf Bearb Eing Anz Opt |        |        |        |        |



- Einstellungen
  - PT GPS
- **Ablauf GPS-Aufnahme**
  - Magic Button starten
  - PT GPS starten
  - Zeitaufnahme starten
  - Wechsel Zeitaufnahme/PT\_GPS
  - PT GPS Stop
  - Zeitaufnahme speichern
- Route bearbeiten und in IPASWIN importieren



# Workabout Pro 3S

## PT GPS

# Einstellungen

Windows taskbar and Start menu. The Start menu is open, showing various applications including 'PT GPS'. Below the Start menu, there is a 'Datei Ablauf Bearb Eing Anz Opt' bar with buttons for 'Änd', 'Besch', 'ZAb+', 'Ton', and 'Opt'.

PT GPS v1.32 window. It features a 'Port' dropdown set to '5', 'Start', and 'List' buttons. Below these are fields for 'Longitude', 'Latitude', 'Altitude', 'Speed(kph)', 'Direction', and '# Satellites'. A central display shows a map with a grid of 'XX' markers. On the left, there is a menu with options: 'Antaris', 'Cold Start', 'Clear Log', 'Options...', and 'Exit'. The bottom of the window has a 'File View Map Help' bar.

Options dialog box. It contains settings for 'Baud' (4800), 'Parity' (None), 'Data bits' (8), 'Stop bits' (1), and 'Connect Wait' (5000). There are also 'Map Zoom' (5), 'Auto-Update' (checkbox), 'Map Width' (216), and 'Map Height' (152) settings. At the bottom, there is a 'Port' tab and buttons for 'OK' and 'Cancel'.

Options dialog box. It contains settings for 'Map Zoom' (5), 'Auto-Update' (checkbox), 'Map Width' (216), and 'Map Height' (152). At the bottom, there is a 'Port' tab and buttons for 'OK' and 'Cancel'.

Options dialog box. It contains settings for 'Export' (File), 'Period' (Distance), 'Longitude' (0.0001), 'Latitude' (0.0001), 'Marker' (empty), and 'Prompt For Marker' (checkbox). There is also an 'Export Log' checkbox. At the bottom, there is a 'Port' tab and buttons for 'OK' and 'Cancel'.

Options dialog box. It contains settings for 'Period' (Distance), 'Longitude' (0.0001), 'Latitude' (0.0001), 'Marker' (empty), and 'Prompt For Marker' (checkbox). At the bottom, there is a 'Port' tab and buttons for 'OK' and 'Cancel'.

Options dialog box. It contains settings for 'Default View' (Satellite), 'Speed Units' (kph), 'Altitude Units' (meters), 'Show NMEA In LOG' (checkbox), 'WAAS' (Default), and '# of Channels' (12). At the bottom, there is a 'Port' tab and buttons for 'OK' and 'Cancel'.

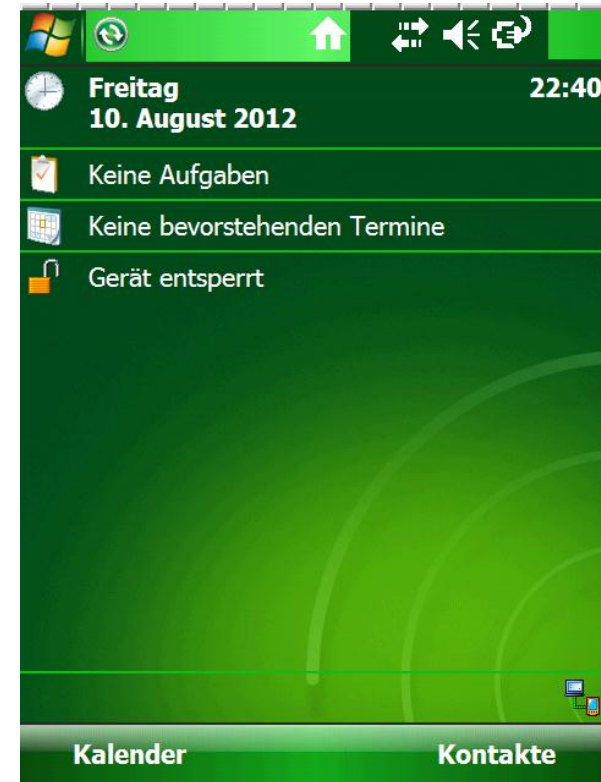




# Workabout Pro 3S

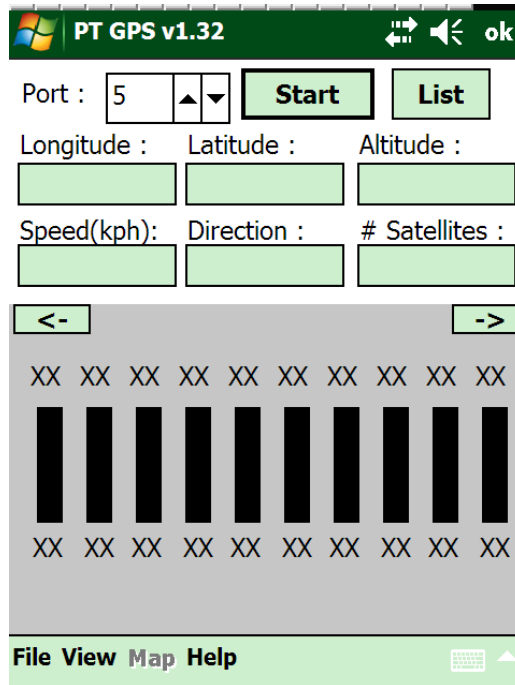
## Magic Button starten

## Ablauf GPS-Aufnahme

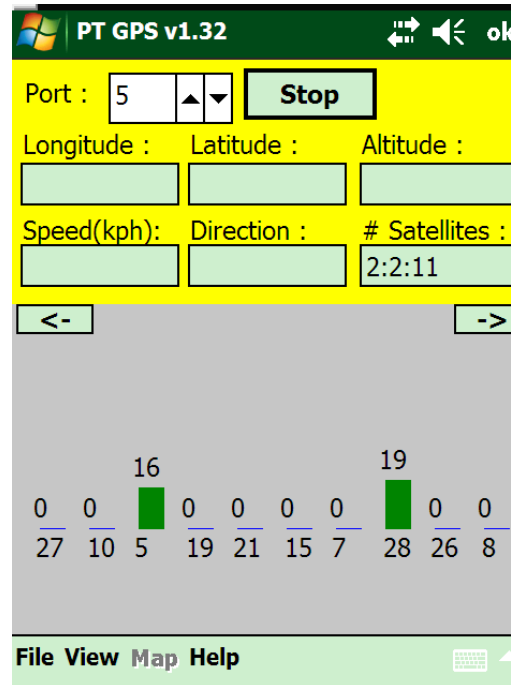


Magic Button muss nur nach Systemstart gestartet werden.

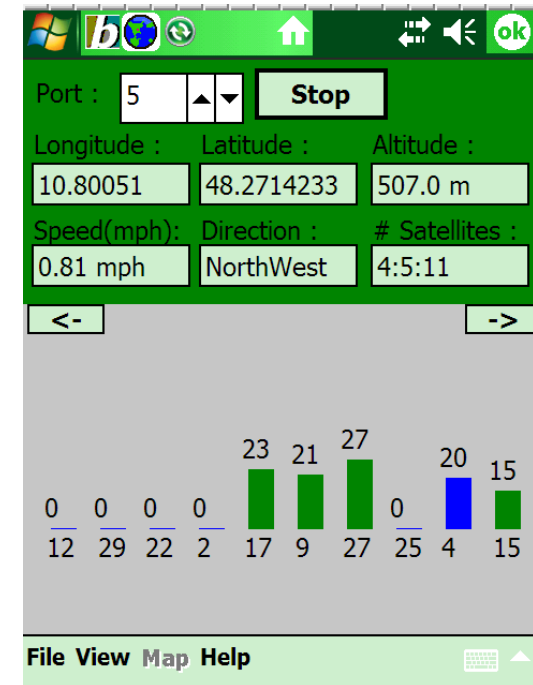




Aufzeichnung starten  
mit Start-Button

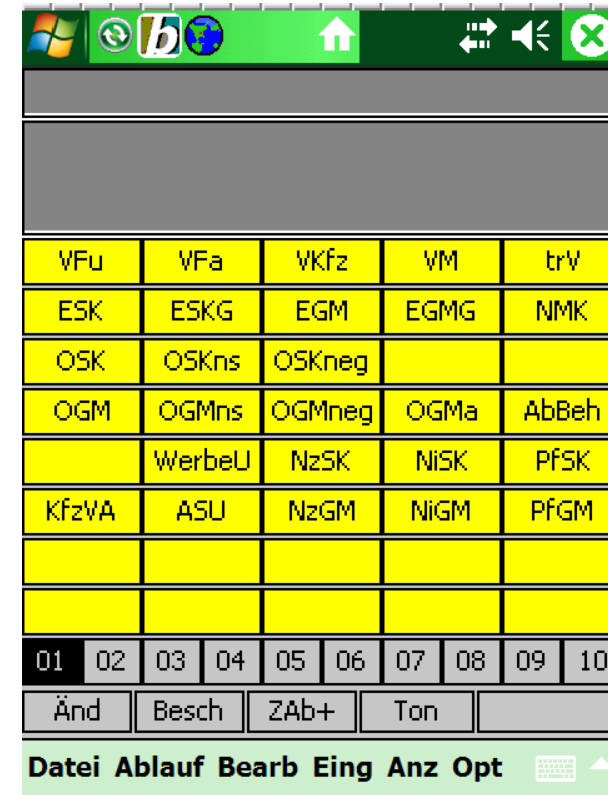


Wenn noch zuwenige  
Satelliten vorhanden  
sind, erscheint ein  
gelber Hintergrund.



Aufzeichnung wurde  
gestartet, grüner  
Hintergrund.





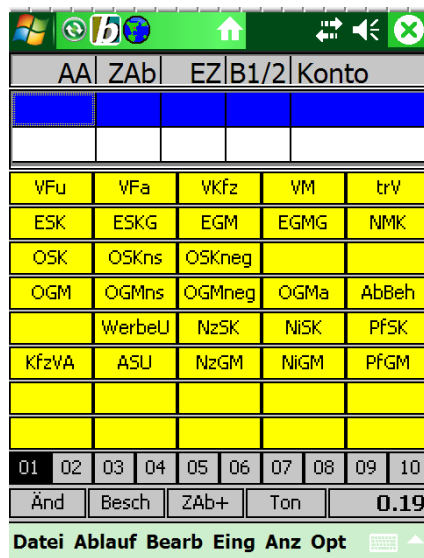
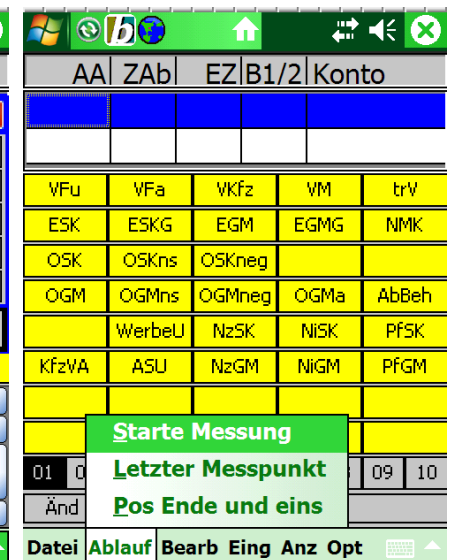
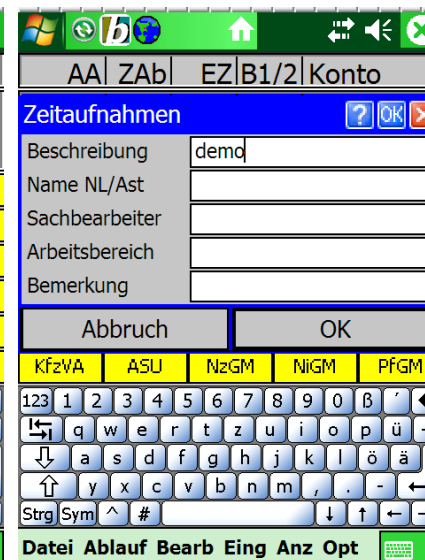
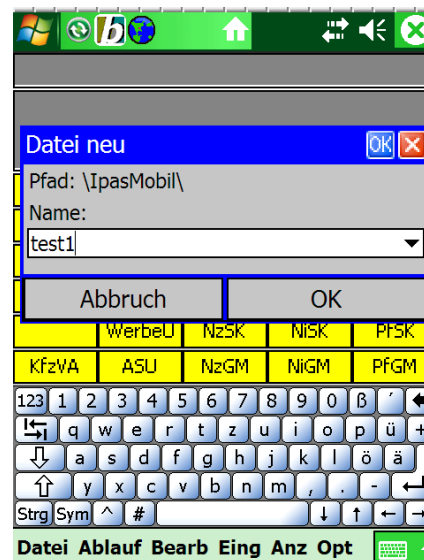




# Workabout Pro 3S

## Zeitaufnahme starten

# Ablauf GPS-Aufnahme



Nach dem Start der GPS-Aufzeichnung muß innerhalb von 10 Minuten gestartet werden.



Wenn Sie den Startzeitraum (10 Min) verändern wollen, können Sie in der GPS-Definition die gewünschten Min definieren.  
\\gps\*.txt,15 = 15 Minuten





Wechsel Zeitaufnahme zu PT\_GPS

Wechsel PT\_GPS zu Zeitaufnahme

Windows taskbar icons: Start, Workabout Pro 3S, Home, Volume, Close.

AA | ZAb | EZ | B1/2 | Konto

|       |        |        |      |       |    |    |    |    |    |
|-------|--------|--------|------|-------|----|----|----|----|----|
|       |        |        |      |       |    |    |    |    |    |
| VFu   | VFu    | VKfz   | VM   | trV   |    |    |    |    |    |
| ESK   | ESKG   | EGM    | EGMG | NMK   |    |    |    |    |    |
| OSK   | OSKns  | OSKneg |      |       |    |    |    |    |    |
| OGM   | OGMns  | OGMneg | OGMa | AbBeh |    |    |    |    |    |
|       | WerbeU | NzSK   | NISK | PFSK  |    |    |    |    |    |
| KfzVA | ASU    | NzGM   | NIGM | PFGM  |    |    |    |    |    |
|       |        |        |      |       |    |    |    |    |    |
|       |        |        |      |       |    |    |    |    |    |
| 01    | 02     | 03     | 04   | 05    | 06 | 07 | 08 | 09 | 10 |
| Änd   | Besch  | ZAb+   | Ton  | 0.19  |    |    |    |    |    |

Datei Ablauf Bearb Eing Anz Opt

Windows taskbar icons: Start, Workabout Pro 3S, Home, Volume, Close, OK.

Port : 5 Stop

Longitude : 10.80051 Latitude : 48.2714233 Altitude : 507.0 m

Speed(mph): 0.81 mph Direction : NorthWest # Satellites : 4:5:11

<- ->

Bar chart showing signal strength for various satellites:

| Satellite | Signal Strength |
|-----------|-----------------|
| 01        | 0               |
| 02        | 0               |
| 03        | 0               |
| 04        | 0               |
| 05        | 23              |
| 06        | 21              |
| 07        | 27              |
| 08        | 0               |
| 09        | 20              |
| 10        | 15              |

File View Map Help

Windows taskbar icons: Start, Workabout Pro 3S, Home, Volume, Close.

AA | ZAb | EZ | B1/2 | Konto

|       |        |        |      |       |    |    |    |    |    |
|-------|--------|--------|------|-------|----|----|----|----|----|
|       |        |        |      |       |    |    |    |    |    |
| VFu   | VFu    | VKfz   | VM   | trV   |    |    |    |    |    |
| ESK   | ESKG   | EGM    | EGMG | NMK   |    |    |    |    |    |
| OSK   | OSKns  | OSKneg |      |       |    |    |    |    |    |
| OGM   | OGMns  | OGMneg | OGMa | AbBeh |    |    |    |    |    |
|       | WerbeU | NzSK   | NISK | PFSK  |    |    |    |    |    |
| KfzVA | ASU    | NzGM   | NIGM | PFGM  |    |    |    |    |    |
|       |        |        |      |       |    |    |    |    |    |
|       |        |        |      |       |    |    |    |    |    |
| 01    | 02     | 03     | 04   | 05    | 06 | 07 | 08 | 09 | 10 |
| Änd   | Besch  | ZAb+   | Ton  | 0.19  |    |    |    |    |    |

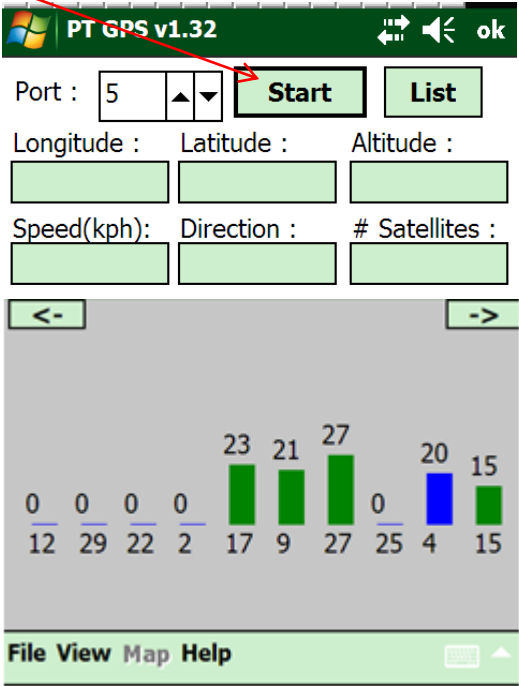
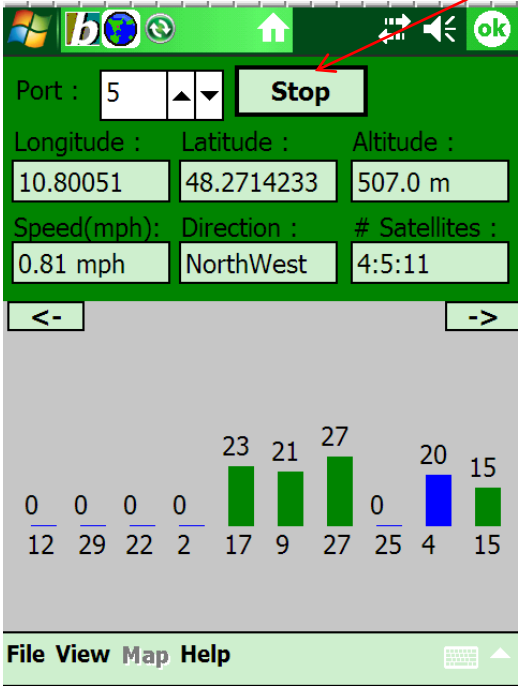
Datei Ablauf Bearb Eing Anz Opt







Aufzeichnung beenden





# Workabout Pro 3S

## Zeitaufnahme speichern

## Ablauf GPS-Aufnahme

| AA                              |    | ZAb    |     | EZ     |    | B1/2 |    | Konto |    |
|---------------------------------|----|--------|-----|--------|----|------|----|-------|----|
| 5                               | 01 | 1      |     | EGM    |    |      |    |       |    |
| 6                               | 01 | 2      | 2/3 | VKfz   |    |      |    |       |    |
| VFu                             |    | VFu    |     | VKfz   |    | VM   |    | trV   |    |
| ESK                             |    | ESKG   |     | EGM    |    | EGMG |    | NMK   |    |
| OSK                             |    | OSKns  |     | OSKneg |    |      |    |       |    |
| OGM                             |    | OGMns  |     | OGMneg |    | OGMa |    | AbBeh |    |
|                                 |    | WerbeU |     | NzSK   |    | NiSK |    | PFSK  |    |
| KfzVA                           |    | ASU    |     | NzGM   |    | NiGM |    | PFGM  |    |
|                                 |    |        |     |        |    |      |    |       |    |
|                                 |    |        |     |        |    |      |    |       |    |
| 01                              | 02 | 03     | 04  | 05     | 06 | 07   | 08 | 09    | 10 |
| Änd                             |    | Besch  |     | ZAb+   |    | Ton  |    | 1.07  |    |
| Datei Ablauf Bearb Eing Anz Opt |    |        |     |        |    |      |    |       |    |

| AA                              |    | ZAb    |     | EZ     |    | B1/2 |    | Konto |    |
|---------------------------------|----|--------|-----|--------|----|------|----|-------|----|
| 5                               | 01 | 1      |     | EGM    |    |      |    |       |    |
| 6                               | 01 | 2      | 2/3 | VKfz   |    |      |    |       |    |
| VFu                             |    | VFu    |     | VKfz   |    | VM   |    | trV   |    |
| ESK                             |    | ESKG   |     | EGM    |    | EGMG |    | NMK   |    |
| OSK                             |    | OSKns  |     | OSKneg |    |      |    |       |    |
| OGM                             |    | OGMns  |     | OGMneg |    | OGMa |    | AbBeh |    |
|                                 |    | WerbeU |     | NzSK   |    | NiSK |    | PFSK  |    |
| KfzVA                           |    | ASU    |     | NzGM   |    | NiGM |    | PFGM  |    |
|                                 |    |        |     |        |    |      |    |       |    |
|                                 |    |        |     |        |    |      |    |       |    |
|                                 |    |        |     |        |    |      |    |       |    |
| 01                              | 02 | 03     | 04  | 05     | 06 | 07   | 08 | 09    | 10 |
| Änd                             |    | Besch  |     | ZAb+   |    | Ton  |    | 1.62  |    |
| Datei Ablauf Bearb Eing Anz Opt |    |        |     |        |    |      |    |       |    |

**Neu**  
**Öffnen**  
**Kopieren**  
**Speichern**  
**Speichern unter...**  
**Programm**  
**Exportieren**  
**Beenden**

| AA                              |    | ZAb    |    | EZ     |    | B1/2 |    | Konto |    |
|---------------------------------|----|--------|----|--------|----|------|----|-------|----|
|                                 |    |        |    |        |    |      |    |       |    |
|                                 |    |        |    |        |    |      |    |       |    |
| VFu                             |    | VFu    |    | VKfz   |    | VM   |    | trV   |    |
| ESK                             |    | ESKG   |    | EGM    |    | EGMG |    | NMK   |    |
| OSK                             |    | OSKns  |    | OSKneg |    |      |    |       |    |
| OGM                             |    | OGMns  |    | OGMneg |    | OGMa |    | AbBeh |    |
|                                 |    | WerbeU |    | NzSK   |    | NiSK |    | PFSK  |    |
| KfzVA                           |    | ASU    |    | NzGM   |    | NiGM |    | PFGM  |    |
|                                 |    |        |    |        |    |      |    |       |    |
|                                 |    |        |    |        |    |      |    |       |    |
|                                 |    |        |    |        |    |      |    |       |    |
| 01                              | 02 | 03     | 04 | 05     | 06 | 07   | 08 | 09    | 10 |
| Änd                             |    | Besch  |    | ZAb+   |    | Ton  |    |       |    |
| Datei Ablauf Bearb Eing Anz Opt |    |        |    |        |    |      |    |       |    |

### Datei Speichern

Die GPS-Datei wird automatisch unter der Ablagenummer\_0.txt gespeichert.





## Route berechnen und importieren

IPASWIN-ADS Options-Name: IPASPAR

Datei Bearbeiten Optionen Fenster Tools Hilfe

Zeitstudien: testfahrt-gps, test

Zeitstudie | A-Abschnitte | AA-Ergebnis | Endergebnis | Störungen | Deckblatt | Parameter | Ergänzen AA

| AA | S-AA | OZ | F-Zeit | E-Zeit | Konto           | ZAb | BzGr 1 | BzGr 2 | Meter | METER | Bemerkungen | BzGr | Zeit     |
|----|------|----|--------|--------|-----------------|-----|--------|--------|-------|-------|-------------|------|----------|
| 4  |      |    | 460    | 140    | EGMG            | 00  |        |        |       |       |             |      | 16:18:03 |
| 5  |      |    | 518    | 58     | ESKG            | 01  |        |        |       |       |             |      | 16:18:38 |
| 6  |      |    | 523    | 5      | EGM             | 01  |        |        |       |       |             |      | 16:18:41 |
| 7  |      |    | 529    | 6      | EGMG            | 01  |        |        |       |       |             |      | 16:18:44 |
| 8  |      |    | 676    | 147    | ESKG            | 01  |        |        |       |       |             |      | 16:20:12 |
| 9  |      |    | 678    | 2      | EGM             | 01  |        |        |       |       |             |      | 16:20:14 |
| 10 |      |    | 680    | 2      | EGMG            | 01  |        |        |       |       |             |      | 16:20:15 |
| 11 |      |    | 681    | 1      | EGMG            | 01  |        |        |       |       |             |      | 16:20:16 |
| 12 |      |    | 767    | 86     | ESKG            | 01  |        |        |       |       |             |      | 16:21:07 |
| 13 |      |    | 771    | 4      | EGM             | 01  |        |        |       |       |             |      | 16:21:09 |
| 14 |      |    | 773    | 2      | EGMG            | 01  |        |        |       |       |             |      | 16:21:11 |
| 15 |      |    | 824    | 51     | VF <sub>a</sub> | 01  | 2      |        |       |       |             | 2    | 16:21:41 |
| 16 |      |    | 872    | 48     | ESKG            | 01  |        |        |       |       |             |      | 16:22:10 |
| 17 |      |    | 873    | 1      | ESKG            | 01  |        |        |       |       |             |      | 16:22:11 |
| 18 |      |    | 876    | 3      | EGM             | 01  |        |        |       |       |             |      | 16:22:12 |
| 19 |      |    | 1014   | 138    | ESKG            | 02  |        |        |       |       |             |      | 16:23:35 |
| 20 |      |    | 1131   | 117    | EGM             | 02  |        |        |       |       |             |      | 16:24:46 |
| 21 |      |    | 1292   | 161    | VF <sub>a</sub> | 02  | 5      | 2      |       |       |             | 5/2  | 16:26:22 |
| 22 |      |    | 1312   | 20     | ESKG            | 02  |        |        |       |       |             |      | 16:26:34 |
| 23 |      |    | 1314   | 2      | EGM             | 02  |        |        |       |       |             |      | 16:26:36 |
| 24 |      |    | 1319   | 5      | EGMG            | 02  |        |        |       |       |             |      | 16:26:38 |
| 25 |      |    | 1379   | 60     | ESKG            | 02  |        |        |       |       |             |      | 16:27:14 |
| 26 |      |    | 1383   | 4      | EGM             | 02  |        |        |       |       |             |      | 16:27:16 |
| 27 |      |    | 1384   | 1      | EGM             | 02  |        |        |       |       |             |      | 16:27:17 |
| 28 |      |    | 1386   | 2      | EGMG            | 02  |        |        |       |       |             |      | 16:27:19 |
| 29 |      |    | 1732   | 346    | KfzVA           | 02  |        |        |       |       |             |      | 16:30:46 |
| 30 |      |    | 1746   | 14     | VKfz            | 02  | 3      | 4      |       |       |             | 3/4  | 16:30:55 |

Entfernung berechnen Google Earth Ipas\_GPS Entfernungen importieren

30 / 30 (IPASZTPO) Ergänzen AA <- (MESS\_NR) Ablaufabschnitt-Nr



## Route berechnen und importieren

IPASWIN-ADS Options-Name: IPASPAR

Datei Bearbeiten Optionen Fenster Tools Hilfe

Zeitstudien: testfahrt-gps, test

Zeitstudie | A-Abschnitte | AA-Ergebnis | Endergebnis | Störungen | Deckblatt | Parameter | Ergänzen AA

| AA | S-AA | OZ | F-Zeit | E-Zeit | Konto | ZAb | BzGr 1 | BzGr 2 | Meter | METER | Bemerkungen | BzGr | Zeit     |
|----|------|----|--------|--------|-------|-----|--------|--------|-------|-------|-------------|------|----------|
| 1  |      |    | 7      | 7      | ESKG  | 00  |        |        |       |       |             |      | 16:13:31 |
| 2  |      |    | 221    | 214    | EGM   | 00  |        |        | 357   | 357   |             |      | 16:15:40 |
| 3  |      |    | 320    | 99     | ESKG  | 00  |        |        | 607   | 964   |             |      | 16:16:39 |
| 4  |      |    | 460    | 140    | EGMG  | 00  |        |        | 1427  | 2391  |             |      | 16:18:03 |
| 5  |      |    | 518    | 58     | ESKG  | 01  |        |        | 560   | 2951  |             |      | 16:18:38 |
| 6  |      |    | 523    | 5      | EGM   | 01  |        |        |       | 2951  |             |      | 16:18:41 |
| 7  |      |    | 529    | 6      | EGMG  | 01  |        |        | 120   | 3071  |             |      | 16:18:44 |
| 8  |      |    | 676    | 147    | ESKG  | 01  |        |        | 1984  | 5055  |             |      | 16:20:12 |
| 9  |      |    | 678    | 2      | EGM   | 01  |        |        | 74    | 5129  |             |      | 16:20:14 |
| 10 |      |    | 680    | 2      | EGMG  | 01  |        |        |       | 5129  |             |      | 16:20:15 |
| 11 |      |    | 681    | 1      | EGMG  | 01  |        |        |       | 5129  |             |      | 16:20:16 |
| 12 |      |    | 767    | 86     | ESKG  | 01  |        |        | 901   | 6030  |             |      | 16:21:07 |
| 13 |      |    | 771    | 4      | EGM   | 01  |        |        | 61    | 6091  |             |      | 16:21:09 |
| 14 |      |    | 773    | 2      | EGMG  | 01  |        |        | 65    | 6156  |             |      | 16:21:11 |
| 15 |      |    | 824    | 51     | VF a  | 01  | 2      |        | 555   | 6711  |             | 2    | 16:21:41 |
| 16 |      |    | 872    | 48     | ESKG  | 01  |        |        | 361   | 7072  |             |      | 16:22:10 |
| 17 |      |    | 873    | 1      | ESKG  | 01  |        |        |       | 7072  |             |      | 16:22:11 |
| 18 |      |    | 876    | 3      | EGM   | 01  |        |        | 38    | 7110  |             |      | 16:22:12 |
| 19 |      |    | 1014   | 138    | ESKG  | 02  |        |        | 2080  | 9190  |             |      | 16:23:35 |
| 20 |      |    | 1131   | 117    | EGM   | 02  |        |        | 1012  | 10202 |             |      | 16:24:46 |
| 21 |      |    | 1292   | 161    | VF a  | 02  | 5      | 2      | 1249  | 11451 |             | 5/2  | 16:26:22 |
| 22 |      |    | 1312   | 20     | ESKG  | 02  |        |        | 6     | 11457 |             |      | 16:26:34 |
| 23 |      |    | 1314   | 2      | EGM   | 02  |        |        |       | 11457 |             |      | 16:26:36 |
| 24 |      |    | 1319   | 5      | EGMG  | 02  |        |        |       | 11457 |             |      | 16:26:38 |
| 25 |      |    | 1379   | 60     | ESKG  | 02  |        |        | 216   | 11673 |             |      | 16:27:14 |
| 26 |      |    | 1383   | 4      | EGM   | 02  |        |        | 40    | 11713 |             |      | 16:27:16 |
| 27 |      |    | 1384   | 1      | EGM   | 02  |        |        |       | 11713 |             |      | 16:27:17 |

Entfernung berechnen Google Earth Ipas\_GPS Entfernungen importieren

1 / 30 (IPASZTPO) Ergänzen AA <- (MESS\_NR) Ablaufabschnitt-Nr





## Routenergebnis in Google Earth anzeigen

IPASWIN-ADS Options-Name: IPASPAR

Datei Bearbeiten Optionen Fenster Tools Hilfe

Zeitstudien: testfahrt-gps, test

Zeitstudie | A-Abschnitte | AA-Ergebnis | Endergebnis | Störungen | Deckblatt | Parameter | Ergänzen AA

| AA | S-AA | OZ | F-Zeit | E-Zeit | Konto           | ZAb | BzGr 1 | BzGr 2 | Meter | METER | Bemerkungen | BzGr | Zeit     |
|----|------|----|--------|--------|-----------------|-----|--------|--------|-------|-------|-------------|------|----------|
| 1  |      |    | 7      | 7      | ESKG            | 00  |        |        |       |       |             |      | 16:13:31 |
| 2  |      |    | 221    | 214    | EGM             | 00  |        |        | 357   | 357   |             |      | 16:15:40 |
| 3  |      |    | 320    | 99     | ESKG            | 00  |        |        | 607   | 964   |             |      | 16:16:39 |
| 4  |      |    | 460    | 140    | EGMG            | 00  |        |        | 1427  | 2391  |             |      | 16:18:03 |
| 5  |      |    | 518    | 58     | ESKG            | 01  |        |        | 560   | 2951  |             |      | 16:18:38 |
| 6  |      |    | 523    | 5      | EGM             | 01  |        |        |       | 2951  |             |      | 16:18:41 |
| 7  |      |    | 529    | 6      | EGMG            | 01  |        |        | 120   | 3071  |             |      | 16:18:44 |
| 8  |      |    | 676    | 147    | ESKG            | 01  |        |        | 1984  | 5055  |             |      | 16:20:12 |
| 9  |      |    | 678    | 2      | EGM             | 01  |        |        | 74    | 5129  |             |      | 16:20:14 |
| 10 |      |    | 680    | 2      | EGMG            | 01  |        |        |       | 5129  |             |      | 16:20:15 |
| 11 |      |    | 681    | 1      | EGMG            | 01  |        |        |       | 5129  |             |      | 16:20:16 |
| 12 |      |    | 767    | 86     | ESKG            | 01  |        |        | 901   | 6030  |             |      | 16:21:07 |
| 13 |      |    | 771    | 4      | EGM             | 01  |        |        | 61    | 6091  |             |      | 16:21:09 |
| 14 |      |    | 773    | 2      | EGMG            | 01  |        |        | 65    | 6156  |             |      | 16:21:11 |
| 15 |      |    | 824    | 51     | VF <sub>a</sub> | 01  | 2      |        | 555   | 6711  |             | 2    | 16:21:41 |
| 16 |      |    | 872    | 48     | ESKG            | 01  |        |        | 361   | 7072  |             |      | 16:22:10 |
| 17 |      |    | 873    | 1      | ESKG            | 01  |        |        |       | 7072  |             |      | 16:22:11 |
| 18 |      |    | 876    | 3      | EGM             | 01  |        |        | 38    | 7110  |             |      | 16:22:12 |
| 19 |      |    | 1014   | 138    | ESKG            | 02  |        |        | 2080  | 9190  |             |      | 16:23:35 |
| 20 |      |    | 1131   | 117    | EGM             | 02  |        |        | 1012  | 10202 |             |      | 16:24:46 |
| 21 |      |    | 1292   | 161    | VF <sub>a</sub> | 02  | 5      | 2      | 1249  | 11451 |             | 5/2  | 16:26:22 |
| 22 |      |    | 1312   | 20     | ESKG            | 02  |        |        | 6     | 11457 |             |      | 16:26:34 |
| 23 |      |    | 1314   | 2      | EGM             | 02  |        |        |       | 11457 |             |      | 16:26:36 |
| 24 |      |    | 1319   | 5      | EGMG            | 02  |        |        |       | 11457 |             |      | 16:26:38 |
| 25 |      |    | 1379   | 60     | ESKG            | 02  |        |        | 216   | 11673 |             |      | 16:27:14 |
| 26 |      |    | 1383   | 4      | EGM             | 02  |        |        | 40    | 11713 |             |      | 16:27:16 |
| 27 |      |    | 1384   | 1      | EGM             | 02  |        |        |       | 11713 |             |      | 16:27:17 |

Entfernung berechnen Google Earth Ipas\_GPS Entfernungen importieren

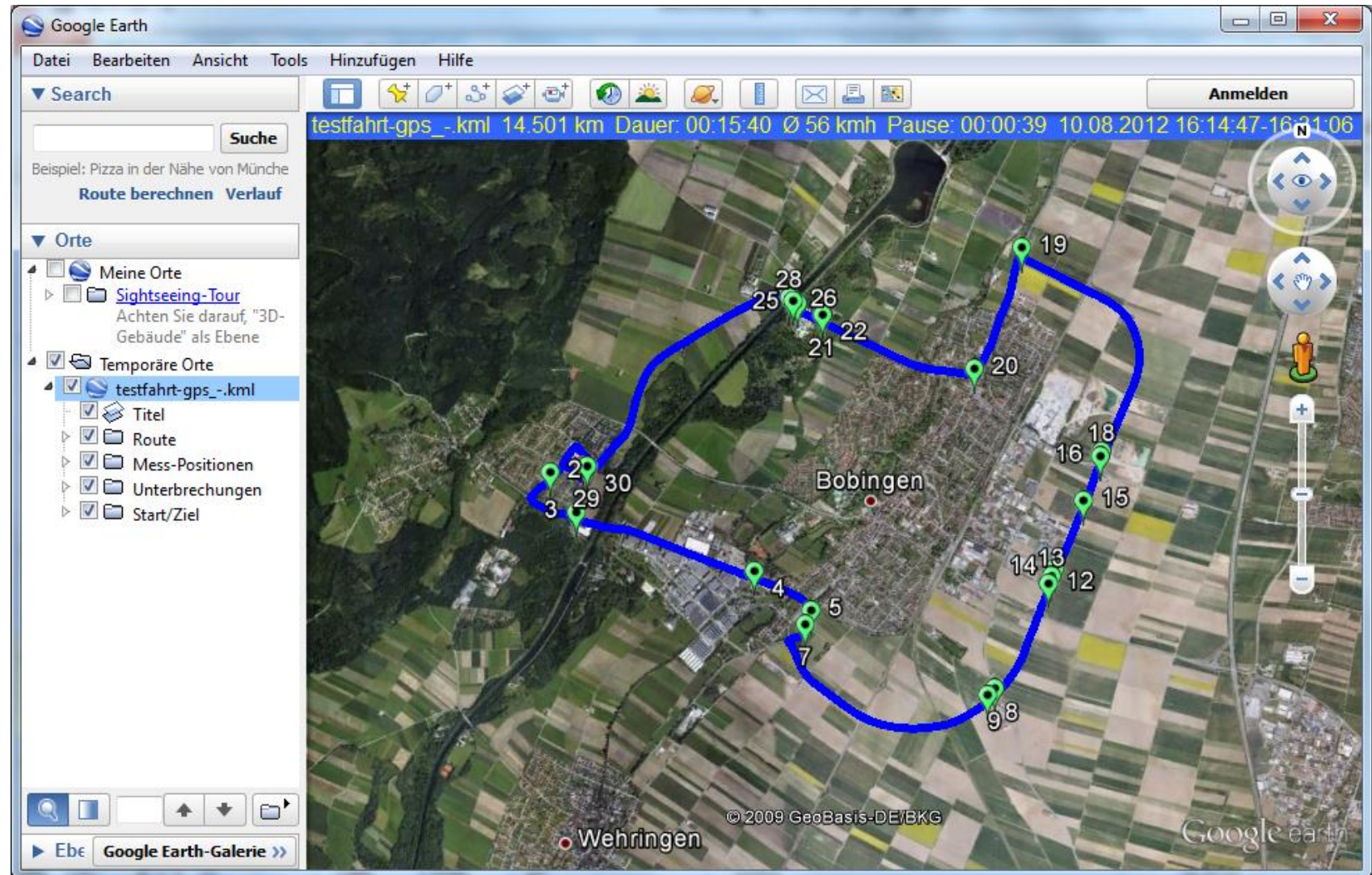
1 / 30 (IPASZTP0) Ergänzen AA <- (MESS\_NR) Ablaufabschnitt-Nr







## Routenergebnis in Google Earth anzeigen





## Route (\*.gps) bearbeiten und Adressen für Messpunkte erzeugen

IPASWIN-ADS Options-Name: IPASPAR

Datei Bearbeiten Optionen Fenster Tools Hilfe

Zeitstudien: testfahrt-gps, test

Zeitstudie A-Abschnitte AA-Ergebnis Endergebnis Störungen Deckblatt Parameter Ergänzen AA

| AA | S-AA | OZ | F-Zeit | E-Zeit | Konto           | ZAb | BzGr 1 | BzGr 2 | Meter | METER | Bemerkungen | BzGr | Zeit     |
|----|------|----|--------|--------|-----------------|-----|--------|--------|-------|-------|-------------|------|----------|
| 1  |      |    | 7      | 7      | ESKG            | 00  |        |        |       |       |             |      | 16:13:31 |
| 2  |      |    | 221    | 214    | EGM             | 00  |        |        | 357   | 357   |             |      | 16:15:40 |
| 3  |      |    | 320    | 99     | ESKG            | 00  |        |        | 607   | 964   |             |      | 16:16:39 |
| 4  |      |    | 460    | 140    | EGMG            | 00  |        |        | 1427  | 2391  |             |      | 16:18:03 |
| 5  |      |    | 518    | 58     | ESKG            | 01  |        |        | 560   | 2951  |             |      | 16:18:38 |
| 6  |      |    | 523    | 5      | EGM             | 01  |        |        |       | 2951  |             |      | 16:18:41 |
| 7  |      |    | 529    | 6      | EGMG            | 01  |        |        | 120   | 3071  |             |      | 16:18:44 |
| 8  |      |    | 676    | 147    | ESKG            | 01  |        |        | 1984  | 5055  |             |      | 16:20:12 |
| 9  |      |    | 678    | 2      | EGM             | 01  |        |        | 74    | 5129  |             |      | 16:20:14 |
| 10 |      |    | 680    | 2      | EGMG            | 01  |        |        |       | 5129  |             |      | 16:20:15 |
| 11 |      |    | 681    | 1      | EGMG            | 01  |        |        |       | 5129  |             |      | 16:20:16 |
| 12 |      |    | 767    | 86     | ESKG            | 01  |        |        | 901   | 6030  |             |      | 16:21:07 |
| 13 |      |    | 771    | 4      | EGM             | 01  |        |        | 61    | 6091  |             |      | 16:21:09 |
| 14 |      |    | 773    | 2      | EGMG            | 01  |        |        | 65    | 6156  |             |      | 16:21:11 |
| 15 |      |    | 824    | 51     | VF <sub>a</sub> | 01  | 2      |        | 555   | 6711  |             | 2    | 16:21:41 |
| 16 |      |    | 872    | 48     | ESKG            | 01  |        |        | 361   | 7072  |             |      | 16:22:10 |
| 17 |      |    | 873    | 1      | ESKG            | 01  |        |        |       | 7072  |             |      | 16:22:11 |
| 18 |      |    | 876    | 3      | EGM             | 01  |        |        | 38    | 7110  |             |      | 16:22:12 |
| 19 |      |    | 1014   | 138    | ESKG            | 02  |        |        | 2080  | 9190  |             |      | 16:23:35 |
| 20 |      |    | 1131   | 117    | EGM             | 02  |        |        | 1012  | 10202 |             |      | 16:24:46 |
| 21 |      |    | 1292   | 161    | VF <sub>a</sub> | 02  | 5      | 2      | 1249  | 11451 |             | 5/2  | 16:26:22 |
| 22 |      |    | 1312   | 20     | ESKG            | 02  |        |        | 6     | 11457 |             |      | 16:26:34 |
| 23 |      |    | 1314   | 2      | EGM             | 02  |        |        |       | 11457 |             |      | 16:26:36 |
| 24 |      |    | 1319   | 5      | EGMG            | 02  |        |        |       | 11457 |             |      | 16:26:38 |
| 25 |      |    | 1379   | 60     | ESKG            | 02  |        |        | 216   | 11673 |             |      | 16:27:14 |
| 26 |      |    | 1383   | 4      | EGM             | 02  |        |        | 40    | 11713 |             |      | 16:27:16 |
| 27 |      |    | 1384   | 1      | EGM             | 02  |        |        |       | 11713 |             |      | 16:27:17 |

Entfernung berechnen Google Earth Ipas\_GPS Entfernungen importieren

1 / 30 [IPASZTPO] Ergänzen AA <- (MESS\_NR) Ablaufabschnitt-Nr





## Route (\*.gps) bearbeiten und Adressen für Messpunkte erzeugen

C:\d\_XE\ipas\_GPS\GPS\Daten\testfahrt-gps\_-.gps

testfahrt-gps\_-.kml 14.501 km Dauer: 00:15:40 Ø 56 kmh Pause: 00:00:39 10.08.2012 16:14:47-16:31:06 Höhe: +58/-52 m

Start Optionen Google Earth Ipas Maps Druck Hilfe

Datei Bearbeiten

Min Wpt. 10 kmh < 1 MaxW 30 250 Min  
Min Weg 30 Sek > 180 AnzW 20 ES..VF  
Höhe +/- 4 Unterbrechung Berechnung GPS-Mess-Korrektur

Trackingliste Google Earth Ipas Maps Excel Import Export

| Nr  | Höhe- | Höhe+ | Min  | Kmh | M | Nr | Kurz | Beschreibung | Straße                 | Nr   | B   | Plz   | Ort      | Land        |
|-----|-------|-------|------|-----|---|----|------|--------------|------------------------|------|-----|-------|----------|-------------|
| 18  |       |       | 0.85 | 25  |   | 2  | EGM  |              |                        |      |     |       |          |             |
| 38  |       |       | 1.00 | 36  |   | 3  | ESKG |              | Straßberger Straße     | 5    |     | 86399 | Bobingen | Deutschland |
| 66  |       |       | 1.40 | 61  |   | 4  | EGMG |              |                        |      |     |       |          |             |
| 78  |       |       | 0.60 | 56  |   | 5  | ESKG |              | Max-Fischer-Straße     |      |     | 86399 | Bobingen | Deutschland |
| 80  |       |       | 0.10 | 72  |   | 7  | EGMG |              |                        |      |     |       |          |             |
| 109 |       |       | 1.45 | 82  |   | 8  | ESKG |              | Tutzingen Straße       | 5    |     | 86399 | Bobingen | Deutschland |
| 110 |       |       | 0.05 | 89  |   | 9  | EGM  |              |                        |      |     |       |          |             |
| 127 |       |       | 0.85 | 64  |   | 12 | ESKG |              | Albert-Einstein-Straße | 10   | -11 | 86399 | Bobingen | Deutschland |
| 128 |       |       | 0.05 | 73  |   | 13 | EGM  |              |                        |      |     |       |          |             |
| 129 |       |       | 0.05 | 78  |   | 14 | EGMG |              |                        |      |     |       |          |             |
| 139 |       |       | 0.50 | 67  |   | 15 | VF   |              | Haunstetter Straße     | 10   |     | 86399 | Bobingen | Deutschland |
| 148 | -4    | -4    | 0.45 | 48  |   | 16 | ESKG |              | Haunstetter Straße     | 10   |     | 86399 | Bobingen | Deutschland |
| 149 | -4    | -4    | 0.07 | 34  |   | 18 | EGM  |              |                        |      |     |       |          |             |
| 176 | -22   | -18   | 1.35 | 92  |   | 19 | ESKG |              | St2035                 |      |     | 86399 | Bobingen | Deutschland |
| 200 | -26   | -4    | 1.20 | 51  |   | 20 | EGM  |              |                        |      |     |       |          |             |
| 231 | -44   | -18   | 1.60 | 47  |   | 21 | VF   |              | Wertachstraße          | 55 B |     | 86399 | Bobingen | Deutschland |
| 235 | -44   |       | 0.20 | 2   |   | 22 | ESKG |              | Wertachstraße          | 55 B |     | 86399 | Bobingen | Deutschland |
| 246 | -44   |       | 0.65 | 20  |   | 25 | ESKG |              | Wertachstraße          | 55 A |     | 86399 | Bobingen | Deutschland |
| 247 | -44   |       | 0.05 | 48  |   | 26 | EGM  |              |                        |      |     |       |          |             |
| 248 | -44   |       | 0.05 | 44  |   | 28 | EGMG |              |                        |      |     |       |          |             |

1/22 11:26:17 (GPS\_KEY) GPS-Key

Joker (ES..,Vfa) entspricht alle Kurzbezeichnungen die mit **ES..** beginnen oder **VF** sind, wenn Leer, dann alle Adressen.

Adressen erzeugen.





IPASWIN-ADS Options-Name: IPASPAR

Datei Bearbeiten Optionen Fenster Tools Hilfe

Zeitstudien: testfahrt-gps, test

Zeitstudie | A-Abschnitte | AA-Ergebnis | Endergebnis | Störungen | Deckblatt | Parameter | Ergänzen AA

| AA | S-AA | OZ | F-Zeit | E-Zeit | Konto | ZAb | BzGr 1 | BzGr 2 | Meter | METER | Bemerkungen | BzGr | Zeit     | Straße                  | Nr | B   | Plz   | Ort      | Land        |
|----|------|----|--------|--------|-------|-----|--------|--------|-------|-------|-------------|------|----------|-------------------------|----|-----|-------|----------|-------------|
| 1  |      |    | 7      | 7      | ESKG  | 00  |        |        |       |       |             |      | 16:13:31 |                         |    |     |       |          |             |
| 2  |      |    | 221    | 214    | EGM   | 00  |        |        | 357   | 357   |             |      | 16:15:40 | Winterstraße            | 7  |     | 86399 | Bobingen | Deutschland |
| 3  |      |    | 320    | 99     | ESKG  | 00  |        |        | 607   | 964   |             |      | 16:16:39 | Straßberger Straße      | 5  |     | 86399 | Bobingen | Deutschland |
| 4  |      |    | 460    | 140    | EGMG  | 00  |        |        | 1427  | 2391  |             |      | 16:18:03 | Max-Fischer-Straße      | 20 | A   | 86399 | Bobingen | Deutschland |
| 5  |      |    | 518    | 58     | ESKG  | 01  |        |        | 560   | 2951  |             |      | 16:18:38 | Max-Fischer-Straße      |    |     | 86399 | Bobingen | Deutschland |
| 6  |      |    | 523    | 5      | EGM   | 01  |        |        |       | 2951  |             |      | 16:18:41 | Max-Fischer-Straße      |    |     | 86399 | Bobingen | Deutschland |
| 7  |      |    | 529    | 6      | EGMG  | 01  |        |        | 120   | 3071  |             |      | 16:18:44 | Max-Fischer-Straße      |    |     | 86399 | Bobingen | Deutschland |
| 8  |      |    | 676    | 147    | ESKG  | 01  |        |        | 1984  | 5055  |             |      | 16:20:12 | Tutzingen Straße        | 5  |     | 86399 | Bobingen | Deutschland |
| 9  |      |    | 678    | 2      | EGM   | 01  |        |        | 74    | 5129  |             |      | 16:20:14 | Oberottmarhauser Straße |    |     | 86399 | Bobingen | Deutschland |
| 10 |      |    | 680    | 2      | EGMG  | 01  |        |        |       | 5129  |             |      | 16:20:15 | Oberottmarhauser Straße |    |     | 86399 | Bobingen | Deutschland |
| 11 |      |    | 681    | 1      | EGMG  | 01  |        |        |       | 5129  |             |      | 16:20:16 | Oberottmarhauser Straße |    |     | 86399 | Bobingen | Deutschland |
| 12 |      |    | 767    | 86     | ESKG  | 01  |        |        | 901   | 6030  |             |      | 16:21:07 | Albert-Einstein-Straße  | 10 | -11 | 86399 | Bobingen | Deutschland |
| 13 |      |    | 771    | 4      | EGM   | 01  |        |        | 61    | 6091  |             |      | 16:21:09 | Albert-Einstein-Straße  | 10 | -11 | 86399 | Bobingen | Deutschland |
| 14 |      |    | 773    | 2      | EGMG  | 01  |        |        | 65    | 6156  |             |      | 16:21:11 | Albert-Einstein-Straße  | 13 |     | 86399 | Bobingen | Deutschland |
| 15 |      |    | 824    | 51     | VFa   | 01  | 2      |        | 555   | 6711  |             | 2    | 16:21:41 | Haunstetter Straße      | 10 |     | 86399 | Bobingen | Deutschland |
| 16 |      |    | 872    | 48     | ESKG  | 01  |        |        | 361   | 7072  |             |      | 16:22:10 | Haunstetter Straße      | 10 |     | 86399 | Bobingen | Deutschland |
| 17 |      |    | 873    | 1      | ESKG  | 01  |        |        |       | 7072  |             |      | 16:22:11 | Haunstetter Straße      | 10 |     | 86399 | Bobingen | Deutschland |
| 18 |      |    | 876    | 3      | EGM   | 01  |        |        | 38    | 7110  |             |      | 16:22:12 | Haunstetter Straße      | 10 |     | 86399 | Bobingen | Deutschland |
| 19 |      |    | 1014   | 138    | ESKG  | 02  |        |        | 2080  | 9190  |             |      | 16:23:35 | St2035                  |    |     | 86399 | Bobingen | Deutschland |
| 20 |      |    | 1131   | 117    | EGM   | 02  |        |        | 1012  | 10202 |             |      | 16:24:46 | Wertachstraße           | 2  |     | 86399 | Bobingen | Deutschland |
| 21 |      |    | 1292   | 161    | VFa   | 02  | 5      | 2      | 1249  | 11451 |             | 5/2  | 16:26:22 | Wertachstraße           | 55 | B   | 86399 | Bobingen | Deutschland |
| 22 |      |    | 1312   | 20     | ESKG  | 02  |        |        | 6     | 11457 |             |      | 16:26:34 | Wertachstraße           | 55 | B   | 86399 | Bobingen | Deutschland |
| 23 |      |    | 1314   | 2      | EGM   | 02  |        |        |       | 11457 |             |      | 16:26:36 | Wertachstraße           | 55 | B   | 86399 | Bobingen | Deutschland |
| 24 |      |    | 1319   | 5      | EGMG  | 02  |        |        |       | 11457 |             |      | 16:26:38 | Wertachstraße           | 55 | B   | 86399 | Bobingen | Deutschland |
| 25 |      |    | 1379   | 60     | ESKG  | 02  |        |        | 216   | 11673 |             |      | 16:27:14 | Wertachstraße           | 55 | A   | 86399 | Bobingen | Deutschland |
| 26 |      |    | 1383   | 4      | EGM   | 02  |        |        | 40    | 11713 |             |      | 16:27:16 | Wertachstraße           | 55 | A   | 86399 | Bobingen | Deutschland |

Entfernung berechnen Google Earth Ipas\_GPS Entfernungen importieren

1 / 30 (IPASZTPD) Ergänzen AA <- (MESS\_NR) Ablaufabschnitt-Nr

