

Indlæsning af enkeltkøretøjs-data (VbV*-data) i Mastra.

Enkeltkøretøjs-data kan indlæses i Mastra for visse apparattyper og formater.

SuperCount fartmålere	(1 kanal):
C&A apparater	(fil-format 22, flere kanaler):
HiStar	(1 kanal)
Golden River	GRFORMAT VbV-1 (flere kanaler)
Veksø	Cykler C-VbV-1 (flere kanaler)
MetroCount	EUR13 (flere kanaler)
MetroCount	Cykler (flere kanaler)
RadarRecorder	
Metor	EUR13 (flere kanaler)
Metor	Cykler (flere kanaler)

De af Mastra accepterede formater er vist til sidst i dokumentet.

Når Mastra importerer enkeltkøretøjer, skal data aggregeres (tælles sammen) i tids-, hastigheds- og længdeintervaller. Derfor er der til de snit, hvor der skal kunne importeres enkelt-køretøjer, knyttet aggregeringsanvisninger, altså definitioner af de intervaller, som der skal aggregeres i.

Grundlæggende er der i Mastra defineret følgende mulige aggregeringer. Hvor intet andet er angivet, aggregeres tiden på timeniveau.

Id	Hast.- miljø	Beskrivelse
3	40km/t	Hast:0,20,25,30,35,40,45,50,55,60,65,70,180 Længdemåling (0,580,1250,2200)
4	40km/t	Hast:0,20,25,30,35,40,45,50,55,60,65,70,180
7	50km/t	Hast:0,30,35,40,45,50,55,60,65,70,75,80,180 Længdemåling (0,580,1250,2200)
8	50km/t	Hast:0,30,35,40,45,50,55,60,65,70,75,80,180
10	60km/t	Hast:0,40,45,50,55,60,65,70,75,80,85,90,180
13	60km/t	Hast:0,40,45,50,55,60,65,70,75,80,85,90,180 Længdemåling (0,580,1250,2200)
14	70km/t	Hast:0,50,55,60,65,70,75,80,85,90,95,100,180
15	70km/t	Hast:0,50,55,60,65,70,75,80,85,90,95,100,180 Længdemåling (0,580,1250,2200)
17	90km/t	Hast:0,50,60,70,80,90,100,110,120,130,140,150,180 Længdemåling (0,580,1250,2200)
18	90km/t	Hast:0,50,60,70,80,90,100,110,120,130,140,150,180
19	80km/t	Hast:0,60,65,70,75,80,85,90,95,100,105,110,180 Længdemåling (0,580,1250,2200)
20	80km/t	Hast:0,60,65,70,75,80,85,90,95,100,105,110,180
23	110km/t	Hast:0,60,70,80,90,100,110,120,130,140,150,160,180 Længdemåling (0,580,1250,2200)
24	110km/t	Hast:0,60,70,80,90,100,110,120,130,140,150,160,180
29		Længdemåling i 3 grupper (0,580,1250,2200)
30		Ren tælling i timer
31	50-110km/t	Hast:0,40,50,60,70,80,90,100,110,120,130,140,150,160,170,250 15min.
32	50-110km/t	Hast:0,40,50,60,70,80,90,100,110,120,130,140,150,160,170,250 15min. Lgd. (0,580,1250,2200)
33		Ren tælling i 15min.
35	30km/t	Hast:0,10,15,20,25,30,35,40,45,50,55,60,180
36	30km/t	Hast:0,10,15,20,25,30,35,40,45,50,55,60,180 Længdemåling (0,580,1250,2200)

I iMastra fastsætter man aggregeringen for de enkelte snit i "Registre/Målesteder og Trafiksnit"/"Ret Målested, Ret/Opret Trafiksnit"

Vejsektoren.dk
iMastra
Jakob Elbek - Dataejer: 350

Ret/opret målested/trafiksnit Luk vindue

Målested

Dataejer	Sted-id	Beskrivelse
350	00000029	Autooprettet

Trafiksnit

Vej(*)	Lokalitet(*)	Trafiksnit	Ret	Spor	Køretøjsart(*)	K	Hast	S	M	Alt S.	Alt K.	H.-kl.	K.-kl.	K.	KF	DK	EK
9993324-9	Au 0/0 Autooprettet	Total trafik	T		MOTORKTJ							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
9993324-9	Au 0/0 Autooprettet	Kanal 1	U	1	MOTORKTJ	1						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
9993324-9	Au 0/0 Autooprettet	Kanal 2	U	2	MOTORKTJ	2						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
					MOTORKTJ							<input type="checkbox"/>	<input type="checkbox"/>				

Vejsektoren.dk
iMastra
Jakob Elbek - Dataejer: 350

Ret/opret Enkeltkøretøj Luk vindue

Trafiksnit

Vej	Lokalitet	Trafiksnit
9993324-9	Autooprettet 0/0 Autooprettet	Kanal 1

Enkeltkøretøj

Start dag	Slut dag	Profil Id (*)	Beskrivelse
01.01.2000	01.01.2050	3	Hast0,20,25,30,35,40,45,50,55,60,65,70,180 Maskinel længdemåling i 3 grupper (0,580,1250,2200)

For iMastra gælder (som sædvanlig), at alt skal være oprettet manuelt før tællefilen indsendes. Specielt for de enkeltkøretøjsregistreringer som har en detekteret køretøjsklasse, som f.eks Metrocount EUR13 format, gælder, at man skal vælge en enkeltkøretøjs-profil, som passer med registreringerne .

I kMastra oprettes aggregerings-typen for snittene automatisk, hvis det er første gang kMastra ser sted-id'en. Aggregerings-typen vælges ud fra gennemsnitshastigheden i den indsendte enkeltkøretøjs-fil. Der vælges længde-aggregering i 3 klasser (0 -580, 580-1250 og o. 1250).

Godkendte dataformater

Data skal se ud som følger

SuperCount fartmålere (1 kanal):

```
*BEGIN VBV 00000026
091109 145919 033
091109 145920 027
091109 145921 021
091109 145924 021
.
.
091116 074256 029
091116 074257 020
091116 074318 044
091116 074322 037
091116 074508 041
*END VBV 00000026
```

C&A apparater (fil-format 22, flere kanaler):

```
{171654 270305 22}
^000000001 112527 230305 0060 016801 310000 0000000450^
!0000 0000 0000 0190013121!
FE11 2529 2303 2005
0001 303E
0101 3079
0201 4035
0301 3B36
.
.
0C00 300D
0400 4027
0600 4E32
0101 3F08
0200 4A24
0801 2137
~172225 270305~
```

HiStar (1 kanal)

```
:X:0
:X:1
:X:2
:X:3Diamant02
:X:4Dia02
:X:550
:X:6101
:X:7-27279
:X:8NC90
:B0305220500
:E0305221700
:S:Q:S
:F1
:Q:D00 02 1E A5 1C 0E B1 21 10
:Q:DB7 0F 0E 00 06 1E 95 23 0E
:Q:D00 07 1E 9D 1E 12 00 0A 1E
:Q:DB9 1E 0E 00 0B 1E 84 2C 16
:Q:D00 0F 1E 8C 20 0E 93 22 0E
.
.
:Q:DAD 18 0E AE 16 0E B0 16 0E
:Q:DB2 19 0F B4 1A 0E B6 1A 0E
:Q:DB9 16 1C BA 1A 0E 02 D0 26
:Q:DC0 00 00 00 00 00 00 00 00
```

Golden River GRFORMAT VBV-1 (flere kanaler)

```
* BEGIN
* FORMAT = VBV-1
* FORMATTER = GRFORMAT Release = 2.6
* INSTRUMENT M660 Serial = 151264 Release = 1.98
* FILENAME = KONGENSG
```

```

* SITE = JE111111
* LOCATION = Kongensg.103 Fr.cia
* GRIDREF =
* HEADINGS =
* STARTREC = 00:00 17/05/04
* STOPREC = 09:22 17/05/04
* BATTERY = 7.00 7.00
* SENSORS = LL LL LL LL LL LL LL LL
* DATEFORM = DD/MM/YY
* UNITS = Metric
* PRUNITS = KPH-MTR-TONNE
* CLASS = NONE
* HEAD DDMMYY HHMM SS HH RESCOD L D HEAD GAP SPD LENTH CS CH
002618 170504 0014 55 10 000000 1 1 99.9 99.9 40 2.95
002619 170504 0015 04 50 000000 1 2 9.3 9.0 42 2.55
002620 170504 0023 06 30 000000 1 1 99.9 99.9 40 3.98
002621 170504 0027 48 20 000000 2 2 99.9 99.9 51 2.15
.
.
002757 170504 0918 16 90 000000 1 1 23.7 23.3 34 3.23
002758 170504 0920 20 50 000000 1 1 99.9 99.9 42 4.27
002759 170504 0920 43 90 000000 2 1 99.9 99.9 51 4.23
002760 170504 0922 48 50 000000 1 1 99.9 99.9 43 4.39
* END 162 FFFF

```

* VbV står for Vehicle-by-Vehicle

Veksø Cykel format

```

* BEGIN
* FORMAT = C-VBV-1
* INSTRUMENT = CyclistCounter33
* GENERATOR = VEKSØ - ONLINE GENERATOR
* SITE = cID33
* CHANNELS = 1
* STARTREC = 290312 00:00:00
* STOPREC = 030412 00:00:00
* HEAD HH:MM:SS C SP LE
290312 00:06:00 1 -1 -1
290312 00:07:00 1 -1 -1
290312 00:08:00 1 -1 -1
290312 00:20:00 1 -1 -1
290312 00:26:00 1 -1 -1
290312 00:42:00 1 -1 -1
290312 00:50:00 1 -1 -1
.
.
020412 23:46:00 1 -1 -1
020412 23:49:00 1 -1 -1
020412 23:50:00 1 -1 -1
020412 23:50:00 1 -1 -1
020412 23:52:00 1 -1 -1
020412 23:52:00 1 -1 -1
020412 23:54:00 1 -1 -1
* END

```

MetroCount EUR13 format

MetroCount Traffic Executive
Individual Vehicles

Individual-112 -- dansk (DAN)

Datasets:

Site: [17435139M] Cikaner
 Direction: 8 - East bound A>B, West bound B>A. Lane: 0
 Survey Duration: 08:38 20. august 2008 => 11:32 28. august 2008
 Zone:
 File: 1743513928aug2008.EC0 (Plus)
 Identifier: W632BRT7 MC56-L5 [MC55] (c)Microcom 19Oct04
 Algorithm: Factory default (v3.21 - 15275)
 Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 08:39 20. august 2008 => 11:32 28. august 2008
 Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
 Speed range: 0 - 180 km/h.
 Direction: North, East, South, West (bound)
 Separation: All - (Headway)
 Name: Default Profile
 Scheme: Vehicle classification (Euro13)
 Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

DS	Axle	Num	Ht	YYYY-MM-DD	hh:mm:ss	Dr	Speed	Wb	Hdwy	Gap	Ax	Gp	Rho	Cl	Nm	Vehicle
00	00000004	04	2008-08-20	08:39:20	BA	38,8	2,5	14,1	14,2	2	2	1,00	1	00000010	EU13-1	o o
00	00000008	06	2008-08-20	08:39:25	BA	35,6	6,0	4,5	4,2	3	3	1,00	1	00000010	EU13-1	o o o
00	0000000e	07	2008-08-20	08:39:35	BA	27,5	4,5	10,4	10,2	2	2	0,40	1	0000319a	EU13-1	o o - ..
00	00000015	09	2008-08-20	08:40:05	AB	17,0	2,4	58,8	58,8	2	2	1,00	1	00000120	EU13-1	o o
00	0000001e	04	2008-08-20	08:40:09	AB	25,9	2,7	4,1	3,6	2	2	1,00	1	00000020	EU13-1	o o
00	00000022	10	2008-08-20	08:40:12	BA	13,7	2,6	37,4	35,1	2	2	1,00	1	00000110	EU13-1	o o
00	0000002c	06	2008-08-20	08:40:21	BA	30,8	5,5	8,6	7,8	3	3	1,00	1	00000010	EU13-1	o o o
00	00000032	04	2008-08-20	08:40:29	AB	28,8	2,5	20,2	19,8	2	2	1,00	1	00000010	EU13-1	o o
00	00000036	04	2008-08-20	08:40:43	AB	44,7	3,5	14,4	14,0	2	2	1,00	2	00000010	EU13-2	o o
00	0000003a	07	2008-08-20	08:41:07	AB	28,6	2,5	23,1	22,8	2	2	1,00	1	00000110	EU13-1	o o
00	00000041	05	2008-08-20	08:41:45	BA	29,9	3,0	84,0	83,3	2	2	1,00	2	00000110	EU13-2	o o
.																
.																
.																
00	00024077	04	2008-08-28	11:29:04	BA	30,9	3,0	29,7	29,0	2	2	1,00	1	00000010	EU13-1	o o
00	0002407b	04	2008-08-28	11:29:21	BA	21,9	2,5	16,6	16,3	2	2	1,00	1	00000010	EU13-1	o o
00	0002407f	07	2008-08-28	11:30:43	AB	40,4	2,8	135,6	134,5	2	2	1,00	1	00000110	EU13-1	o o
00	00024086	04	2008-08-28	11:30:57	AB	23,3	3,5	13,9	13,7	2	2	1,00	2	00000020	EU13-2	o o
00	0002408a	08	2008-08-28	11:31:00	AB	26,4	2,7	3,1	2,6	2	2	1,00	1	00000110	EU13-1	o o
00	00024092	09	2008-08-28	11:32:20	BA	11,1	2,5	179,4	179,1	2	2	1,00	1	00000110	EU13-1	o o

In profile: Vehicles = 24569 / 24578 (99,96%)

MetroCount C/K format

MetroCount Traffic Executive
Individual Vehicles

Individual-113 -- dansk (DAN)

Datasets:

Site: [17435139] Cikaner
 Direction: 8 - East bound A>B, West bound B>A. Lane: 0
 Survey Duration: 08:38 20. august 2008 => 11:32 28. august 2008
 Zone:
 File: 1743513928aug2008.EC0 (Plus)
 Identifier: W632BRT7 MC56-L5 [MC55] (c)Microcom 19Oct04
 Algorithm: Factory default (v3.21 - 15275)
 Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 08:39 20. august 2008 => 11:32 28. august 2008
 Included classes: 1
 Speed range: 0 - 180 km/h.
 Direction: North, East, South, West (bound)
 Separation: All - (Headway)
 Name: Default Profile
 Scheme: Vehicle classification (5720 Cycle)
 Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

DS	Axle	Num	Ht	YYYY-MM-DD	hh:mm:ss	Dr	Speed	Wb	Hdwy	Gap	Ax	Gp	Rho	Cl	Nm	Vehicle
00	00000052	04	2008-08-20	08:43:38	AB	15,6	1,1	98,8	98,5	2	1	1,00	1	00004142	Cycle oo	
00	0000005b	04	2008-08-20	08:44:04	AB	20,8	1,1	23,7	23,4	2	1	1,00	1	00000010	Cycle oo	
00	000000ad	04	2008-08-20	08:50:05	AB	25,8	1,1	15,0	14,7	2	1	1,00	1	00000010	Cycle oo	
00	0000011e	04	2008-08-20	08:55:53	AB	20,5	1,1	44,0	43,7	2	1	1,00	1	00000010	Cycle oo	
00	00000206	04	2008-08-20	09:11:55	AB	23,3	1,0	122,4	121,9	2	1	1,00	1	00000010	Cycle oo	
00	00000218	04	2008-08-20	09:12:40	AB	16,6	1,1	45,3	45,2	2	1	1,00	1	00000010	Cycle oo	
00	00000381	04	2008-08-20	09:39:46	AB	14,7	1,1	52,1	51,9	2	1	1,00	1	00000010	Cycle oo	
00	0000046a	04	2008-08-20	09:52:03	AB	19,9	1,0	48,0	47,7	2	1	1,00	1	00000010	Cycle oo	
00	00000485	04	2008-08-20	09:52:54	AB	13,2	1,1	7,3	7,0	2	1	1,00	1	00000010	Cycle oo	
.																
.																
00	00023a82	04	2008-08-28	09:54:58	AB	13,2	1,0	3,2	2,9	2	1	1,00	1	00000010	Cycle oo	
00	00023bdb	04	2008-08-28	10:18:42	AB	17,9	1,1	130,2	129,3	2	1	1,00	1	00000010	Cycle oo	
00	00023cac	06	2008-08-28	10:31:24	AB	8,2	0,9	12,6	12,4	2	1	1,00	1	00008142	Cycle oo	
00	00023da3	04	2008-08-28	10:45:24	AB	13,9	1,1	2,5	1,9	2	1	1,00	1	00004042	Cycle oo	
00	00023e21	08	2008-08-28	10:51:33	BA	8,4	0,7	2,8	2,6	2	1	0,80	1	00004142	Cycle oo	
00	0002400d	04	2008-08-28	11:19:22	BA	17,4	1,1	17,1	17,0	2	1	1,00	1	00000010	Cycle oo	
00	0002404b	06	2008-08-28	11:27:24	AB	6,0	1,0	35,1	34,9	2	1	1,00	1	00004142	Cycle oo	
00	00024069	08	2008-08-28	11:28:35	BA	8,7	0,9	217,0	217,0	2	1	1,00	1	00004142	Cycle oo	

In profile: Vehicles = 891 / 24568 (3,63%)

Profiler VBV-format, VD11 klassifikation

```
* BEGIN
* FORMAT = VBV-1
* FORMATTER = ATKI Convert
* INSTRUMENT = Profiler [M660]
* FILENAME = C:\360-07.06.2013\790C1427.DMP
* SITE = TESTMIP3
* LOCATION =
* GRIDREF =
* HEADINGS =
* STARTREC = 00:00 13/03/25
* STOPREC = 00:00 13/03/26
* BATTERY =
* SENSORS = LL LL LL LL
* DATEFORM = YY/MM/DD
* UNITS = Metric
* PRUNITS = KPH-CM-10KG
* CLASS = VD11
* HEAD YMMDD HHMM SS HH RESCOD L D HEAD GAP SPD LENTH CS CH
074355 130325 0000 20 00 000000 01 1 99.9 99.9 89 12.58 09 01
074356 130325 0000 28 00 000000 04 1 99.9 99.9 78 6.66 07 04
074357 130325 0000 45 00 000000 02 1 99.9 99.9 125 3.90 02 02
074358 130325 0001 42 00 000000 01 1 99.9 99.9 103 4.58 02 01
074359 130325 0002 14 00 000000 02 1 99.9 99.9 111 4.88 02 02
074360 130325 0002 38 00 000000 01 1 99.9 99.9 129 4.22 02 01
074361 130325 0003 01 00 000000 02 1 99.9 99.9 115 4.95 02 02
074362 130325 0003 09 00 000000 01 1 99.9 99.9 103 4.19 02 01
074363 130325 0003 18 00 000000 01 1 8.0 7.8 88 16.58 09 01
074364 130325 0003 20 00 000000 01 1 2.9 2.2 93 4.14 02 01
074365 130325 0003 21 00 000000 02 1 20.7 20.5 104 4.34 02 02
074366 130325 0004 13 00 000000 02 1 99.9 99.9 102 3.66 02 02
074367 130325 0004 37 00 000000 01 1 99.9 99.9 86 17.60 09 01
074368 130325 0005 27 00 000000 01 1 99.9 99.9 85 4.21 02 01
074369 130325 0005 58 00 000000 02 1 99.9 99.9 117 4.23 02 02
074370 130325 0006 38 00 000000 01 1 99.9 99.9 95 4.76 02 01
074371 130325 0006 52 00 000000 02 1 99.9 99.9 115 3.96 02 02
074372 130325 0008 18 00 000000 02 1 99.9 99.9 133 4.77 02 02
074373 130325 0009 34 00 000000 01 1 99.9 99.9 94 4.98 02 01
074374 130325 0009 50 00 000000 02 1 99.9 99.9 113 4.06 02 02
074375 130325 0010 23 00 000000 01 1 99.9 99.9 104 4.44 02 01
074376 130325 0010 59 00 000000 04 1 99.9 99.9 81 3.93 02 04
.
.
```

EVR VBV-format

```
* BEGIN
* FORMAT = VBV-1
* FORMATTER = ATKI Convert
* INSTRUMENT = EVR [M660]
* FILENAME = P:\ATKI\Programmer\Convert\Data\Langsom\003C0608.DMP
* SITE = 00000003
* LOCATION =
* GRIDREF =
* HEADINGS =
* STARTREC = 13:52 10/05/26
* STOPREC = 14:58 10/06/02
* BATTERY =
* SENSORS = LL LL
* DATEFORM = YY/MM/DD
* UNITS = Metric
* PRUNITS = KPH-CM-10KG
* CLASS = VD11
* HEAD YMMDD HHMM SS HH RESCOD L D HEAD GAP SPD LENTH CS CH
000001 100526 1352 54 00 000000 02 1 0.0 0.0 55 0.00 02 02
000002 100526 1353 09 00 000000 02 1 0.0 15.4 48 0.00 04 02
000003 100526 1353 20 00 000000 01 1 0.0 0.0 40 0.00 02 01
000004 100526 1353 24 00 000000 02 1 0.0 14.5 44 0.00 07 02
000005 100526 1353 44 00 000000 01 1 0.0 23.4 44 0.00 02 01
000006 100526 1353 46 00 000000 01 1 0.0 2.2 37 0.00 04 01
000007 100526 1353 48 00 000000 01 1 0.0 1.7 44 0.00 01 01
000008 100526 1353 50 00 000000 01 1 0.0 1.5 44 0.00 02 01
000009 100526 1353 51 00 000000 02 1 0.0 99.9 57 0.00 04 02
000010 100526 1353 57 00 000000 02 1 0.0 5.9 49 0.00 02 02
000011 100526 1354 00 00 000000 02 1 0.0 2.8 43 0.00 02 02
000012 100526 1354 06 00 000000 01 1 0.0 15.2 53 0.00 02 01
000013 100526 1354 19 00 000000 01 1 0.0 13.3 45 0.00 04 01
000014 100526 1354 52 00 000000 02 1 0.0 99.9 31 0.00 06 02
000015 100526 1355 00 00 000000 02 1 0.0 7.2 47 0.00 02 02
000016 100526 1355 01 00 000000 01 1 0.0 99.9 39 0.00 02 01
000017 100526 1355 02 00 000000 02 1 0.0 2.3 42 0.00 02 02
000018 100526 1355 04 00 000000 01 1 0.0 2.7 40 0.00 02 01
000019 100526 1355 05 00 000000 02 1 0.0 2.5 44 0.00 02 02
000020 100526 1355 07 00 000000 02 1 0.0 2.2 42 0.00 02 02
000021 100526 1355 11 00 000000 01 1 0.0 6.3 50 0.00 02 01
000022 100526 1355 11 00 000000 02 1 0.0 3.6 47 0.00 02 02
.
.
* END 25530 FFFF
```


Marksman 400 VbV-format

```

* BEGIN
* FORMAT = VBV-1
* FORMATTER = 400 Release = 2.3
* INSTRUMENT = 400 Serial = 288642 Release = 2.3
* FILENAME = 94480040
* SITE = 94480040
* LOCATION =
* GRIDREF =
* HEADINGS =
* STARTREC = 07:59 23/08/13
* STOPREC = 07:32 03/09/13
* BATTERY = 3.00 2.90
* SENSORS = TT*2 TT*2 TT*2 TT*2 TT*2 TT*2 TT*2 TT*2
* DATEFORM = DD/MM/YY
* UNITS = Metric
* PRUNITS = KPH-CM-10KG
* CLASS = EUR13
* VBVFILTER = WBT > 135
* HEAD DMMYY HHMM SS HH RESCOD L D HEAD GAP SPD LENTH AX CS WBTOT W1-2 W2-3 W3-4 W4-5 W5-6 W6-7 W7-8 W8-9
000040 230813 0923 21 30 000000 2 2 99.9 99.9 18 2 2 411 411
000045 230813 0932 30 50 000000 1 1 99.9 99.9 14 3 12 424 159 265
000057 230813 1005 07 10 000000 2 2 99.9 99.9 14 2 2 314 314
000058 230813 1010 01 00 000000 2 2 99.9 99.9 17 4 13 373 105 159 109
000086 230813 1112 27 80 000000 2 2 25.8 25.8 12 2 2 404 404
000127 230813 1213 45 40 000000 2 2 31.1 31.0 13 4 13 369 95 192 82
000136 230813 1229 13 30 000000 2 2 99.9 99.9 28 6 13 652 99 99 97 260 97
000140 230813 1231 15 50 000000 1 1 53.1 53.0 12 3 13 245 100 145
000145 230813 1243 50 40 000000 2 2 99.9 99.9 22 2 1 222 222
000162 230813 1317 16 30 000000 1 1 99.9 99.9 24 2 13 138 138
.
.
004138 010913 2341 03 70 000000 1 1 99.9 99.9 61 2 1 268 268
004178 020913 0743 46 10 000000 2 2 99.9 99.9 20 2 2 312 312
004182 020913 0751 57 90 000000 2 2 99.9 99.9 21 4 4 810 104 603 103
004206 020913 0911 09 40 000000 1 1 99.9 99.9 7 2 1 263 263
* END 1467 FDDB

```

RadarRecorder VbV-format

```
* BEGIN
* FORMAT = VBV-1
* FORMATTER = ATKI Convert
* INSTRUMENT = RadarRecorder [M660]
* FILENAME = P:\Trafikprogrammer\kMastra\2013\CA\520C1397.dmp
* SITE = 02700520
* LOCATION =
* GRIDREF =
* HEADINGS =
* STARTREC = 11:44 13/11/27
* STOPREC = 14:02 13/12/06
* BATTERY =
* SENSORS = LL LL
* DATEFORM = YY/MM/DD
* UNITS = Metric
* PRUNITS = KPH-CM-10KG
* CLASS = NONE
* HEAD YMMDD HHMM SS HH RESCOD L D HEAD GAP SPD LENTH CS CH
000001 131127 1146 29 00 000000 02 1 0.0 0.0 37 1.20
000002 131127 1147 34 00 000000 02 1 0.0 0.0 56 4.40
000003 131127 1147 56 00 000000 01 1 0.0 0.0 37 4.20
000004 131127 1150 32 00 000000 01 1 0.0 0.0 43 4.10
000005 131127 1209 40 00 000000 01 1 0.0 0.0 33 3.20
000006 131127 1221 36 00 000000 02 1 0.0 0.0 41 3.50
000007 131127 1228 11 00 000000 01 1 0.0 0.0 27 4.10
000008 131127 1241 56 00 000000 01 1 0.0 0.0 30 3.50
.
.
000846 131205 2357 49 00 000000 01 1 0.0 0.0 27 4.00
000847 131206 1153 38 00 000000 02 1 0.0 0.0 72 4.20
000848 131206 1339 03 00 000000 02 1 0.0 0.0 94 4.20
* END 848 FFFF
```

SuperCount Fartmåler VbV format

```
* BEGIN
* FORMAT = VBV-1
* FORMATTER = Ludvig Holsteins Allé
* INSTRUMENT = SuperCount TrafficCount Ver. 2.0
* FILENAME = LudvigHolstein_24-12-2013_05-00-06.csr
* SITE = JE12345678
* LOCATION =
* GRIDREF =
* HEADINGS =
* STARTREC = 23-12-2013 00:00
* STOPREC = 24-12-2013 00:00
* BATTERY =
* SENSORS = LL
* DATEFORM = DDMYY
* UNITS = METRIC
* PRUNITS = KPH-CM-10KG
* CLASS = NONE
* HEAD DDMYY HHMM SS HH RESCOD L D HEAD GAP SPD LENTH CS CH
000001 231213 0000 34 00 000000 01 1 0.0 0.0 49 0
000002 231213 0001 04 00 000000 01 1 0.0 0.0 69 0
000003 231213 0001 06 00 000000 01 1 0.0 0.0 68 0
000004 231213 0001 08 00 000000 01 1 0.0 0.0 57 0
000005 231213 0001 14 00 000000 01 1 0.0 0.0 63 0
000006 231213 0001 16 00 000000 01 1 0.0 0.0 61 0
000007 231213 0001 18 00 000000 01 1 0.0 0.0 50 0
000008 231213 0001 55 00 000000 01 1 0.0 0.0 53 0
000009 231213 0001 57 00 000000 01 1 0.0 0.0 53 0
000010 231213 0001 58 00 000000 01 1 0.0 0.0 53 1
000011 231213 0003 07 00 000000 01 1 0.0 0.0 47 0
000012 231213 0003 11 00 000000 01 1 0.0 0.0 50 0
000013 231213 0003 13 00 000000 01 1 0.0 0.0 50 0
000014 231213 0003 15 00 000000 01 1 0.0 0.0 50 0
000015 231213 0003 17 00 000000 01 1 0.0 0.0 49 0
000016 231213 0003 18 00 000000 01 1 0.0 0.0 49 1
.
.
016380 231213 2359 54 23 000000 01 1 0.0 0.0 49 0
016381 231213 2359 56 23 000000 01 1 0.0 0.0 46 0
016382 231213 2359 58 23 000000 01 1 0.0 0.0 42 0
* END 16382 FFFF
```

Metor EUR13 VbV format

```
* BEGIN
* FORMAT = VbV-1
* INSTRUMENT = Metor 3000
* FILENAME = 47790527.vbv
* SITE = ABCDEF123456
* STARTREC = 10:35 15/05/19

* STOPREC = 08:27 15/05/27

* DATEFORM = YY/MM/DD
* UNITS = Metric
* CLASS = EUR13
* HEAD YYMMDD HHMM SS SPD CS CH
000001 150519 1038 32 28 01 01
000002 150519 1041 36 27 02 01
000003 150519 1043 03 33 01 01
000004 150519 1045 10 37 02 02
000005 150519 1046 14 33 01 01
000006 150519 1046 19 40 01 02
000007 150519 1047 08 37 01 02
000008 150519 1048 37 41 01 01
000009 150519 1051 55 39 01 01
000010 150519 1052 53 40 01 01
000011 150519 1054 54 31 01 01
000012 150519 1056 04 43 01 01
000013 150519 1057 25 31 01 01
000014 150519 1105 29 53 01 01
000015 150519 1108 07 51 01 01
.
.
008631 150527 0825 29 41 01 01
008632 150527 0825 29 41 01 01
008633 150527 0825 32 24 01 01
008634 150527 0827 03 39 01 01
008635 150527 0827 23 22 01 01
* END
```

Metor Cykel VbV format

```
* BEGIN
* FORMAT = C-VBV-1
* INSTRUMENT = Metor 3000
* GENERATOR = Trafikia Metor Generator
* SITE = 12312321
* STARTREC = 190515 10:35:00
* STOPREC = 270515 08:27:00
* CHANNELS = 1
* HEAD HH:MM:SS C SP LE
190515 10:38:32 1 08 -1
190515 10:41:36 1 07 -1
190515 10:43:03 1 13 -1
190515 10:45:10 1 17 -1
190515 10:46:14 1 13 -1
190515 10:46:19 1 20 -1
190515 10:47:08 1 17 -1
190515 10:48:37 1 21 -1
190515 10:51:55 1 19 -1
190515 10:52:53 1 20 -1
190515 10:54:54 1 11 -1
190515 10:56:04 1 23 -1
190515 10:57:25 1 21 -1
190515 11:05:29 1 33 -1
190515 11:08:07 1 21 -1
190515 11:09:10 1 20 -1
190515 11:09:59 1 12 -1
190515 11:10:04 1 12 -1
190515 11:11:10 1 23 -1
190515 11:13:01 1 27 -1
190515 11:13:21 1 20 -1
.
.
270515 08:18:13 1 17 -1
270515 08:18:20 1 26 -1
270515 08:18:25 1 14 -1
270515 08:20:10 1 27 -1
270515 08:21:08 1 15 -1
270515 08:21:11 1 17 -1
270515 08:22:13 1 24 -1
270515 08:23:04 1 17 -1
270515 08:23:10 1 20 -1
270515 08:24:09 1 21 -1
270515 08:25:28 1 21 -1
270515 08:25:28 1 21 -1
270515 08:25:29 1 21 -1
270515 08:25:29 1 21 -1
270515 08:25:32 1 04 -1
270515 08:27:03 1 19 -1
270515 08:27:23 1 08 -1
* END
```