

1992

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
data001.dat	344	09/12/1992	05:00	366	31/12/1992	22:00	60	
Added by PiM, 2013.10.15: Original File was edited to keep only data from 1993								
data001.dat	344	09/12/1992	04:00	48	17/02/1993	22:00	60	1992-1993

From RAWDATA\_SUM.xlsx , we get the following order in the raw data:  
For files data001.dat: Position, Year, DayOfYear, HH:MM, Battery, Logger Temp., LC4, LC6, LC2a, LC2b, LC7, LC1e

Gaute or Jack's EXCEL FILES					
ENG93-1.XLS	07/12/1992	20:30	31/03/1993	23:45	15

1993

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]
data001.dat		1 01/01/1992	04:00	48	17/02/1993	22:00	60
data002.dat	48	17/02/1993	23:00	49	18/02/1993	09:00	60
data003.dat	49	18/02/1993	10:00	83	24/03/1993	19:00	60
data004.dat	83	24/03/1993	20:00	1 Line			
data005.dat	83	24/03/1993	20:30	86	27/03/1993	08:45	15
data006.dat	86	27/03/1993	09:00	1 Line			
data007.dat	86	27/03/1993	09:15	1 Line			
data008.dat	86	27/03/1993	09:30	1 Line			
data009.dat	86	27/03/1993	10:00	86	27/03/1993	17:00	15
data010.dat	86	27/03/1993	17:15	87	28/03/1993	14:30	15
data011.dat	87	28/03/1993	14:45	88	29/03/1993	09:15	15
data012.dat	88	29/03/1993	09:30	88	29/03/1993	15:30	15
data013.dat	88	29/03/1993	15:45	88	29/03/1993	16:15	15
data015.dat	88	29/03/1993	16:30	1 Line			
data016.dat	88	29/03/1993	16:45	88	29/03/1993	17:15	15
data017.dat	88	29/03/1993	17:30	88	29/03/1993	18:15	15
data018.dat	88	29/03/1993	18:30	88	29/03/1993	19:15	15
data019.dat	88	29/03/1993	19:45	88	29/03/1993	20:30	15
data020.dat	88	29/03/1993	20:45	104	14/04/1993	20:45	15
data021.dat	104	14/04/1993	21:00	105	15/04/1993	19:30	15
data022.dat	105	15/04/1993	19:45	109	19/04/1993	08:15	15
data023.dat	109	19/04/1993	08:30	110	20/04/1993	11:15	15
data024.dat	110	20/04/1993	11:30	1 Line			
data025.dat	110	20/04/1993	11:45	1 Line			
data026.dat	110	20/04/1993	12:15	111	21/04/1993	10:45	15
data027.dat	111	21/04/1993	11:00	1 Line			
data028.dat	111	21/04/1993	11:15	1 Line			
data032.dat	111	21/04/1993	11:30	128	08/05/1993	17:45	15
data040.dat	128	08/05/1993	18:00	130	10/05/1993	00:45	15
data042.dat	130	10/05/1993	01:00	146	26/05/1993	07:00	15
data044.dat	146	26/05/1993	07:15	146	26/05/1993	10:00	15
data045.dat	146	26/05/1993	10:15	146	26/05/1993	10:30	15
data046.dat	146	26/05/1993	10:46	1 Line			
data047.dat	146	26/05/1993	10:46	1 Line			
data048.dat	146	26/05/1993	11:15	146	26/05/1993	11:31	15
data049.dat	146	26/05/1993	11:46	148	28/05/1993	06:00	15
data051.dat	148	28/05/1993	06:15	148	28/05/1993	07:15	15
data053.dat	148	28/05/1993	07:30	148	28/05/1993	07:45	15
data054.dat	148	28/05/1993	08:00	148	28/05/1993	11:30	15
data055.dat	148	28/05/1993	11:45	148	28/05/1993	17:00	15
data057.dat	148	28/05/1993	17:15	149	29/05/1993	09:16	15
data058.dat	149	29/05/1993	09:30	1 Line			
data060.dat	158	07/06/1993	20:00	224	12/08/1993	16:47	15
data061.dat	224	12/08/1993	17:00	225	13/08/1993	06:00	15
data062.dat	225	13/08/1993	06:15	225	13/08/1993	11:15	15
data070.dat	225	13/08/1993	11:30	226	14/08/1993	16:30	15
data071.dat	226	14/08/1993	16:45	1 Line			
	226	14/08/1993		365	31/12/1993		NO DATA

Added by PiM, 2013.10.15: Original File was edited to keep only data from 1993

data001.dat	344	09/12/1992	04:00	48	17/02/1993	22:00	1992-1993
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From RAWDATA\_SUM.xlsx , we get the following order in the raw data:

For files data0[01-40].dat:	Position, Year, DayOfYear, HH:MM, Battery, Logger Temp., LC4, LC6, LC2a, LC2b, LC7, LC1e
For files data0[41-47].dat:	Position, Year, DayOfYear, HH:MM, LC4, LC6, LC2a, LC2b, LC7, LC1e
For files data0[48-71].dat:	Position, DayOfYear, HH:MM, LC4, LC6, LC2a, LC2b, LC7, LC1e

Note: - PiM 2013.10.13: Some Files were deleted or edited as they did not contain any LC data. This is summarised in the file README\_1993-1998.txt and details can be found in RAWDATA\_SUM.xlsx .

Gaute or Jack's EXCEL FILES					
ENG93-1.XLS	07/12/1992	20:30	31/03/1993	23:45	15
ENG93-2.XLS	01/04/1993	00:00	05/08/1993	20:30	15

## 1994

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]
		1 01/01/1994		56 25/02/1994			NO DATA
data080.dat		56 25/02/1994	10:31	99 09/04/1994		08:15	15
data081.dat		99 09/04/1994	08:30	102 12/04/1994		13:00	15
data083.dat		102 12/04/1994	13:15	102 12/04/1994		13:30	15
data085.dat		102 12/04/1994	14:15	102 12/04/1994		16:00	15
data086.dat		102 12/04/1994	16:15	103 13/04/1994		07:45	15
data087.dat		103 13/04/1994	08:00	129 09/05/1994		10:30	15
data088.dat		129 09/05/1994	10:45	130 10/05/1994		13:15	15
data089.dat		130 10/05/1994	13:45	131 11/05/1994		13:15	15
data090.dat		131 11/05/1994	13:30	148 28/05/1994		17:45	15
data091.dat		148 28/05/1994	18:15	148 28/05/1994		18:30	15
data092.dat		148 28/05/1994	18:45	189 08/07/1994		14:00	15
data093.dat		189 08/07/1994	14:15	191 10/07/1994		20:45	15
data094.dat		191 10/07/1994	21:00	196 15/07/1994		08:00	15
data095.dat		196 15/07/1994	08:15	283 10/10/1994		20:16	15
data096.dat		285 12/10/1994	12:30	365 31/12/1994		23:45	15

1994-1995

Added by PiM, 2013.10.13: Original File was edited to keep only data from 1994

data096.dat 285 12/10/1994 12:30 13 13/01/1995 14:00 1994-1995

From RAWDATA\_SUM.xlsx , we get the following order in the raw data:

For files data0[80-88].dat: Position, DayOfYear, HH:MM, LC7, LC1e, LC2b, LC2a, LC4, LC6  
 For files data0[89-90].dat: Position, DayOfYear, HH:MM, LC7, LC1e, LC2b, LC2a, LC4, LC6, Logger Temp.  
 For files data0[91-95].dat: Position, DayOfYear, HH:MM, LC7, LC1e, LC2b, LC2a, LC4, LC6, Logger Temp., Battery  
 For files data096.dat: Position, DayOfYear, HH:MM, LC2a, LC2b, LC1e, LC7, LC6, LC4, Battery, Logger Temp

Note: - PiM 2013.10.13: Some Files were deleted or edited as they did not contain any LC data. This is summarised in the file README\_1993-1998.txt and details can be found in RAWDATA\_SUM.xlsx .

Gaute or Jack's EXCEL FILES					
ENG94-1.XLS	25/02/1994	10:30	31/05/1994	23:45	15
ENG94-2.XLS	01/06/1994	00:00	08/08/1994	11:15	15
Eng94-3.xls	12/10/1994	12:30	31/12/1994	23:45	15

## 1995

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
data096.dat		1 01/01/1995	00:00	13	13/01/1995	14:00	15	1994-1995
data097.dat	13	13/01/1995	14:16	35	04/02/1995	13:00	15	
data098.dat	55	24/02/1995	00:45	89	30/03/1995	07:01	15	
	89	30/03/1995		365	31/12/1995		NO DATA	

Added by PiM, 2013.10.13: Original File was edited to keep only data from 1995

data096.dat	285	12/10/1994	12:30	13	13/01/1995	14:00	15	1994-1995
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From RAWDATA\_SUM.xlsx , we get the following order in the raw data:

For files data0[96-98].dat: Position, DayOfYear, HH:MM, LC2a, LC2b, LC1e, LC7, LC6, LC4, Battery, Logger Temp

Gaute or Jack's EXCEL FILES						
ENG95.XLS	01/01/1995	00:00	30/03/1995	07:00	15	

1996

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]
		1 01/01/1996		264	20/09/1996		NO DATA
DAT97_01.DAT		264 20/09/1996	09:15	365	30/12/1996	23:45	15 1996-1997

Added by PiM, 2013.10.13: Original File was edited to keep only data from 1996

DAT97_01.DAT	264	20/09/1996	09:15	64	05/03/1997	17:00	15 1996-1997
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From RAWDATA\_SUM.xlsx , we get the following order in the raw data:

For the file DAT97\_01.DAT: Position, DayOfYear, HH:MM, LC6, LC1e, LC4, LC2b,LC2a,??, Battery, Logger Temp

Gaute or Jack's EXCEL FILES					
ENG96.XLS	20/09/1996	09:15	31/12/1996	23:45	15

1997

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
DAT97_01.DAT		1 01/01/1997	09:15	64	05/03/1997	17:00	15	1996-1997
DAT97_02.DAT		64 05/03/1997	17:15	192	11/07/1997	10:00	15	
DAT97_03.DAT		192 11/07/1997	10:15	209	28/07/1997	16:45	15	
DAT97_04.DAT		209 28/07/1997	17:00	307	03/11/1997	22:30	15	
DAT97_05.DAT		307 03/11/1997	22:45	313	09/11/1997	12:30	15	
DAT97_06.DAT		313 09/11/1997	12:45	315	11/11/1997	12:00	15	
DAT97_07.DAT		315 11/11/1997	12:15	1 line				
DAT97_08.DAT		315 11/11/1997	12:30	316	12/11/1997	13:15	15	
DAT97_09.DAT		316 12/11/1997	13:30	316	12/11/1997	15:15	15	
DAT97_10.DAT		316 12/11/1997	15:30	317	13/11/1997	00:45	15	
DAT97_11.DAT		317 13/11/1997	01:00	317	13/11/1997	13:30	15	
DAT97_12.DAT		317 13/11/1997	13:46	317	13/11/1997	17:46	15	
DAT97_13.DAT		317 13/11/1997	18:01	317	13/11/1997	18:31	15	
DAT97_14.DAT		317 13/11/1997	18:45	1 line				
DAT97_15.DAT		317 13/11/1997	19:01	1 line				
DAT97_16.DAT		317 13/11/1997	19:16	318	14/11/1997	10:31	15	
DAT97_17.DAT		318 14/11/1997	10:46	324	20/11/1997	16:31	15	
DAT97_18.DAT		324 20/11/1997	16:45	328	24/11/1997	18:31	15	
DAT98001.dat		328 24/11/1997	18:46	365	31/12/1997	23:46	15	1997-1998

Added by PiM, 2013.10.13: Original Files were edited to keep only data from 1997

DAT97_01.DAT	264	20/09/1996	09:15	064	05/03/1997	17:00	15	1996-1997
DAT98001.dat	328	24/11/1997	18:46	135	15/05/1998	16:46	15	1997-1998

From RAWDATA\_SUM.xlsx, we get the following order in the raw data:

For files DAT97\_[01-11].DAT: Position, DayOfYear, HH:MM, LC6, LC1e, LC4, LC2b, LC2a, ??, Battery, Logger Temp  
 For files DAT97\_[12-13].DAT: Position, DayOfYear, HH:MM, LC6, LC1e, LC4, LC2b, LC2a, LC97\_2, ??, ??  
 For files DAT97\_14.DAT: Position, DayOfYear, HH:MM, LC6, LC1e, LC4, LC2b, LC2a, LC97\_2, ??, ??  
 For files DAT97\_[15-16].DAT: Position, DayOfYear, HH:MM, LC6, LC1e, LC4, LC2b, LC2a, LC97\_2, ??, ??  
 For files DAT97\_[17-18].DAT: Position, DayOfYear, HH:MM, LC6, LC1e, LC4, LC2b, LC2a, LC97\_2, LC97\_1, ??, ??  
 For files DAT98001.dat: Position, DayOfYear, HH:MM, LC6, LC1e, LC4, LC2a, LC97\_2, LC97\_1, LC??, Battery (once a day)

Note: - PiM 2013.10.16: I found in Jack Kohler's folder **campbell.raw** some Datafiles **DAT97\_01.DAT** -> **DAT97\_18.DAT** that are from 1997.

Gaute or Jack's EXCEL FILES					
ENG97-1.XLS	01/01/1997	00:00	31/03/1997	23:45	15
ENG97-2.XLS	01/04/1997	00:00	31/05/1997	23:45	15
ENG97-3.XLS	01/06/1997	00:00	31/08/1997	23:45	15
ENG97-4 copy.XLS	01/09/1997	00:00	31/10/1997	23:45	15
ENG97-4.XLS	01/09/1997	00:00	31/10/1997	23:45	15
ENG97-5.XLS	01/11/1997	00:00	31/12/1997	23:45	15

Note found in a text file (NùKKEL.DOC) for the rest of the data.

With it, There was an amazingly detailed summary of the data!! VERY GOOD! => RAWDATA.SUM converted into RAWDATA\_SUM.xlsx.

N°kkel

Datafilene DAT001.DAT -&gt; DAT089.DAT er beskrevet i filen RAWDATA.SUM

Jeg burde gå gjennom de andre og legge dem inn i RAWDATA.SUM i l'p av januar, men...

LDCELL01.TXT

I (PiM) Never found them

LDCELL02.TXT

LDCELL03.TXT er dataene ferdig for MATLAB, består av data opp til DAT060.DAT

Du kunne fortsette å lage LDCELL\_.TXT

Jeg sender med deg Sintef rapporten angående overflateborehull inklinometri.

Geonor 38292 Hole # 97-2	Geonor 37692 Hole # 97-1	Geonor 36892 Hole # 1e	Geonor 36992 Hole # 7	Geonor 34792 Hole # 2b	Geonor 34892 Hole # 2a	Geonor 34992 Hole # 6	Geonor 34792 Hole # 8
5	6	7	4	5	7	8	9
5	6	7	4	5	7	8	9
5	6	7	4	5	7	8	9

## 1998

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
DAT98001.dat	1	01/01/1998	00:01	135	15/05/1998	16:46	15	1997-1998
	112	22/04/1998		126	06/05/1998		NO DATA	
DAT98002.dat	135	15/05/1998	17:01	136	16/05/1998	14:01	15	
DAT98003.dat	136	16/05/1998	14:16	136	16/05/1998	16:31	15	
DAT98004.dat	136	16/05/1998	16:46	138	18/05/1998	15:01	15	
DAT98005.dat	138	18/05/1998	15:16	138	18/05/1998	18:31	15	
DAT98006.dat	138	18/05/1998	18:46	139	19/05/1998	11:01	15	
DAT98007.dat	139	19/05/1998	11:16	140	20/05/1998	11:31	15	
DAT98008.dat	140	20/05/1998	11:46	1 line				
DAT98009.dat	140	20/05/1998	12:01	140	20/05/1998	14:16	2	
DAT98010.dat	140	20/05/1998	14:25	140	20/05/1998	17:01	2	
DAT98011.dat	140	20/05/1998	17:03	141	21/05/1998	14:05	2	
DAT98012.dat	141	21/05/1998	14:07	142	22/05/1998	19:07	2	
DAT98013.dat	142	22/05/1998	19:09	143	23/05/1998	10:29	2	
DAT98014.dat	143	23/05/1998	10:31	144	24/05/1998	12:57	2	
DAT98015.dat	144	24/05/1998	12:59	144	24/05/1998	19:53	2	
DAT98016.dat	144	24/05/1998	19:55	145	25/05/1998	10:21	2	
DAT98017.dat	145	25/05/1998	10:23	145	25/05/1998	10:25	2	
DAT98018.dat	145	25/05/1998	10:27	145	25/05/1998	22:53	2	
DAT98019.dat	145	25/05/1998	22:55	146	26/05/1998	13:17	2	
DAT98020.dat	146	26/05/1998	13:19	147	27/05/1998	12:09	2	
CompiledXLS_1998.dat	147	27/05/1998	12:11	273	30/09/1998	20:00	15	
	273	30/09/1998		275	02/10/1998		NO DATA	
Data99_01.dat	275	02/10/1998	09:00	365	31/12/1998	23:40	20	1998-1999

Added by PiM, 2013.10.13: Original Files were edited to keep only data from 1998

DAT98001.dat	328	24/11/1997	18:46	135	15/05/1998	16:46	15	1997-1998
Data99_01.dat	275	02/10/1998	09:00	43	12/02/1999	12:20	20	1998-1999

From the comparisons of Gaute's processed .xls files and raw data .dat files, we get the following order in the raw data:

For all files: Position, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a, LC97\_2, LC97\_1, LC??, Battery (once a day)  
 For all files: Position, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a, LC97\_2, LC97\_1, LC??, Battery (once a day)

Note:

- PiM 2013.10.16: I found in Jack Kohler's folder some Datafiles **DAT98001.dat** -> **DAT98020.dat** that are from 1998.
- PiM 2013.10.16: **CompiledXLS\_1998.dat** is coming from the **Compilation of Gaute's Excel files for 1998**, Originally **Compiled\_1998.csv**

Gaute or Jack's EXCEL FILES					
eng98-1.xls	01/01/1998	00:00	22/04/1998	02:00	15
eng98-2.xls	06/05/1998	21:45	20/05/1998	14:15	15
eng98-3.xls	20/05/1998	14:25	27/05/1998	12:09	2

## 1999

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
Data99_01.dat		1 01/01/1999	00:20	43	12/02/1999	12:20	20	1998-1999
FromGaute'sBackup_1999.d	43	12/02/1999	12:40	96	06/04/1999	10:40	20	PiM:(Updated on
at	96	06/04/1999		178	27/06/1999		NO DATA	02/10/2013) Origin: Gaute's
	178	27/06/1999	18:45	365	31/12/1999	23:45	15	Raw data

Added by PiM, 2013.10.04: Original File was edited to keep only data from 1999

Data99_01.dat	275	02/10/1998	09:00	43	12/02/1999	12:20	20	1998-1999
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From the comparisons of Gaute's processed .xls files and raw data .dat files, we get the following order in the raw data:

For all files: Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC??, Battery (once a day)

DUPLICATES							
99052401.DAT	43	12/02/1999	12:40	96	06/04/1999	10:40	20
DATA99_02.dat	178	27/06/1999	18:45	222	10/08/1999	16:15	15
Data9908.dat	178	27/06/1999	18:45	222	10/08/1999	16:15	15
Data99092101.dat	222	10/08/1999	16:30	264	21/09/1999	21:15	15
Data99102201.dat	264	21/09/1999	21:30	295	22/10/1999	22:00	15

Duplicates of the file:  
FromGaute'sBackup\_1999.d  
at



2000

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
FromGaute'sBackupCompile d_2000_117.dat	1	01/01/2000	00:00	117	26/04/2000	16:15	15	PIM: Extracted from the below Have to remove ":" in Br-Min
	117	26/04/2000		159	07/06/2000		NO DATA	
00081501.DAT	159	07/06/2000	19:00	228	15/08/2000	22:30	15	
00101901.DAT	228	15/08/2000	22:45	293	19/10/2000	18:15	15	
	294	20/10/2000		366	31/12/2000		NO DATA	

From the comparisons of Gaute's processed .xls files and raw data .dat files, we get the following order in the raw data:

For 00081501.dat and 00101901.dat :

Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC??, Battery (once a day)

For FromGaute'sBackupCompiled\_2000.dat :

Year, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, (Empty), (Empty)

DUPLICATES								
FromGaute'sBackupCompile	1	01/01/2000	00:00	117	26/04/2000	16:15	15	PIM: Duplicates (Updated on 02/10/2013) Origine: Gaute's Excel file
d_2000.dat	159	07/06/2000	19:00	293	19/10/2000	18:15	15	

2001

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
		1 01/01/2001		61 02/03/2001				NO DATA
Mar20001.dat		61 02/03/2001	08:45	79 20/03/2001		18:46	2 & 15	MAR- and DEC- files were updated by PiM --
Mar30001.dat		79 20/03/2001	18:49	89 30/03/2001		18:07	2	
		89 30/03/2001		148 28/05/2001				NO DATA
May28001.dat		148 28/05/2001	09:01	148 28/05/2001		14:01	15	
AUG21001.dat		148 28/05/2001	14:16	233 21/08/2001		14:46	15	
SEP24001.dat		233 21/08/2001	15:01	267 24/09/2001		21:46	15	
2001_sep-des_15.dat		---> .dat File Never FOUND, Recompiled from DEC3101.xls						
DEC3101.dat		267 24/09/2001	22:01	365 31/12/2001		23:46	15	

From the comparisons of Gaute's processed .xls files and raw data .dat files, we get the following order in the raw data:

For 01032001.dat & MAR20001.dat (see note): Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC??, Battery (once a day)  
 For the rest : Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC01, Battery (once a day)

Note: - PiM: The 7th column in the raw data shows weird values for frequency (Perhaps for LC7, Ex.: 75.797 (seen) could be but unsure). It's as if 1 was subtracted and then there were multiplied by 100. 1.7579 (guessed true)  
 61 -> 77 (12:15) LC?? -- Stop Working -- Record again 79(18:15) -> 200 (02:16) LC01

-PiM: JUMP IN LC2b linked to change in datalogger?(happening while saving new code, because it created new file)

SEP24001.da 113,267,2146,1.7704,1.6079,1.8704,1.6659,1.6671,1.6157,-99999

DEC3101.dat 113,267,2201,1.7704,1.608,1.8705,1.6721,1.6672,1.6158,-99999

- 2001/diurnal discharge.txt: June 20th to 27th shows nice example of diurnal variation in discharge (from sediment chamber values - 159.13.0)

DUPLICATES								
01032001.dat	61	02/03/2001	08:45	79	20/03/2001	15:45	15	Dupl. IN Mar20001.dat
Dat0105.dat	148	28/05/2001	09:01	148	28/05/2001	14:01	15	Dupl. IN May28001.dat
2001/Data_list_mar2001.xls								
	Day start	Date start	Time start	Day end	Date end	Time end	Data interval	
	61	02/03/2001	08:45	79	20/03/2001	15:45	15	
01032001	79	20/03/2001	16:00	79		16:30	15	Included in MAR20001.txt converted into .dat
01032101	79		16:46	79		18:01	15	
01032102	79		18:11	79		18:15	2	
01032103	79		18:31	79		18:46	15	
01032104	79	20/03/2001	18:49	80	21/03/2001	00:19	2	
01032105	80	21/03/2001	00:21	80		12:13	2	
01032106	80		12:15	81	22/03/2001	18:01	2	
01032201	81	22/03/2001	18:03	82	23/03/2001	10:21	2	
01032301	82	23/03/2001	10:23	82		22:31	2	
01032302	82		22:33	83	24/03/2001	10:37	2	Included in MAR30001.txt converted into .dat
01032401	83	24/03/2001	10:39	83	24/03/2001	12:47	2	
01032402	83		12:49	83		21:53	2	
01032403	83		21:55	84	25/03/2001	10:43	2	
01032501	84	25/03/2001	15:35	84		16:33	2	
01032502	84		16:35	84		17:03	2	
01032601	84		17:05	85	26/03/2001	22:55	2	
01032602	274?	day? year?	15:24	274		15:30	2 seconds	
01032801	274		15:31	274		21:15	1	?? Year ??
01032802	274		21:17	274		21:18	2 seconds	
01032803	274		21:19	274		21:20	2 seconds	
01032804	69		03:00	79		15:00	15	
01032805	68		06:00	79		15:30	15	?? Duplicates MAR20001.txt
01032806	68		06:00	79		15:45	15	
01032807	87	28/03/2001	15:27	88	29/03/2001	16:31	2	Included in MAR30001.txt converted into .dat
01032901	88	29/03/2001	16:33	89	30/03/2001	18:07	2	
01033001	69		14:00	79		15:30	15	
01033101	68		06:00	79		15:45	15	?? Duplicates MAR20001.txt
01033102	61		08:45	79		15:45	15	
01033103	82		10:23	82		22:31	2	
01033112	82		22:33	83		10:37	2	?? Duplicates MAR30001.txt
01033113	83		10:39	83		12:47	2	
01033114	83		12:49	83		21:53	2	
01033115	??	mainlv	zeroes					

01033116	??	mainly	zeroes						
01033117	??	mainly	zeroes						
01033118	??	mainly	zeroes						
01033119	83		21:55	84		10:43	2	?? Duplicates <b>MAR30001.txt</b>	
01033120	??	pump test	pressures?						
01033121	??	pump test	pressures?						
01033122	84		10:45	84		15:33	2	Duplicates <b>MAR30001.txt</b>	
01033123	??	pump test	pressures?						
01033124	??	pump test	pressures?						
01033125	??	pump test	pressures?						
01033126	??	pump test	pressures?						
01033127	??	pump test	pressures?						
01033128	??	pump test	pressures?						
01033129	??	pump test	pressures?						
01033130	??	pump test	pressures?						
01033131	84		15:35	84		16:33	2	?? Duplicates <b>MAR30001.txt</b>	
01033132	??	pump test	pressures?						
01033133	84		16:35	84		17:03	2	?? Duplicates <b>MAR30001.txt</b>	
01033134	??	pump test	pressures?						
01033135	??	pump test	pressures?						
01033136	??	pump test	pressures?						
01033137	??	pump test	pressures?						
01033138	??	pump test	pressures?						
01033139	??	pump test	pressures?						
01033140	84	25/03/2001	17:05	85	26/03/2001	22:55	2	icates but included <b>MAR30001.txt</b>	
01033141	85	26/03/2001	22:57	87	28/03/2001	15:25	2	Included in <b>MAR30001.txt</b>	
01033142									

## 2002

## Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
FEB2602								
Data02_0227.txt								----> .dat File Never FOUND, but data span covered in Data02_0227.txt
ENG2002_02_28								1 01/01/2002 00:01 57 26/02/2002 14:16 15 2001-2002
Data02_0228.txt								----> .dat File Never FOUND, but data span covered in Data02_0228.txt
	58	27/02/2002	22:16	59	28/02/2002	09:31	15	
MAR17001.dat	59	28/02/2002	10:16	76	17/03/2002	16:01	15	
MAR18001.dat	76	17/03/2002	16:16	77	18/03/2002	09:16	15	
MAR19001.dat	77	18/03/2002	09:31	77	18/03/2002	18:31	15	
MAR19002.dat	77	18/03/2002	18:43	78	19/03/2002	01:31	2	
MAR19003.dat	78	19/03/2002	01:33	78	19/03/2002	03:11	2	
MAR19004.dat	78	19/03/2002	03:16	78	19/03/2002	15:01	15	
MAR19005.dat	78	19/03/2002	15:05	78	19/03/2002	20:47	2	
MAR20001.dat	78	19/03/2002	20:49	79	20/03/2002	02:11	2	
MAR20002.dat	79	20/03/2002	02:13	79	20/03/2002	14:27	2	
MAR21001.dat	79	20/03/2002	14:29	80	21/03/2002	11:21	2	
Data02_0406.txt	80	21/03/2002	11:31	96	06/04/2002	14:46	15	
Data02_0417.txt	96	06/04/2002	15:01	107	17/04/2002	14:03	15 & 2	
Data02_0419.txt	107	17/04/2002	14:05	109	19/04/2002	09:03	2	
Data02_0420.txt	109	19/04/2002	09:05	110	20/04/2002	19:31	2	
JULY0501.dat	110	20/04/2002	19:46	185	04/07/2002	10:31	15	Different Dates than <----- Gaute's file
JULY0502.dat	185	04/07/2002	10:43	186	05/07/2002	18:13	2	
JULY0601.dat	186	05/07/2002	18:15	187	06/07/2002	20:53	2	
JULY0602.dat	187	06/07/2002	20:55	187	06/07/2002	22:25	2	
JULY0701.dat	187	06/07/2002	22:27	188	07/07/2002	10:35	2	
JUL31001.dat	188	07/07/2002	10:46	212	31/07/2002	11:01	15	
SEP26001.dat	212	31/07/2002	11:16	236	24/08/2002	21:01	15	
	236	24/08/2002	21:17	269	26/09/2002	19:02	15	Only -99999s
	269	26/09/2002		365	31/12/2002		NO DATA	

Added by PiM, 2013.10.02: Original File was edited to keep only data from 2002

Data02_0227.txt	267	24/09/2001	22:01	57	26/02/2002	14:16	15	2001-2002
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From the comparisons of Gaute's processed .xls files and raw data .dat files, we get the following order in the raw data:

For all the file except Data02\_0705a.txt: Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC01, Battery (once a day)

Note

- In Data02\_0705a.txt, Missing day, but guessed 103 (11:45) -> 103 (14:05) due to sampling freq.<1min for pump test.

These data are removed from Data02\_0705a\_edited.txt

- JULY0501.DAT contains different data in Gaute's and Miriam's folder!!!

- In Gaute's Excel file eng02a.xls, Hours:Minutes are different from the raw data (1min shift)

DUPLICATES								
Data02_0705a.txt	112	22/04/2002	04:16	185	04/07/2002	10:31	15	JULY0501.dat
Data02_0705a_edited.txt	121	01/05/2002	04:16	185	04/07/2002	10:31	15	Edited to only keep LC data
Data02_0705b.txt	185	04/07/2002	10:43	186	05/07/2002	18:13	2	Dupl. IN JULY0502.dat
Data02_0706a.txt	186	05/07/2002	18:15	187	06/07/2002	20:53	2	Dupl. IN JULY0601.dat
Data02_0706b.txt	187	06/07/2002	20:55	187	06/07/2002	22:25	2	Dupl. IN JULY0602.dat
Data02_0707.txt	187	06/07/2002	22:27	188	07/07/2002	10:35	2	Dupl. IN JULY0701.dat
Data02_0731.txt	188	07/07/2002	10:46	212	31/07/2002	11:01	15	Dupl. IN JUL31001.dat
Raw Data Found in Gaute's backup: FOLDER dat02, NOT USED because I had duplicates in text files.								
APR06001.DAT	80	21/03/2002	11:31	96	06/04/2002	14:46	15	Dupl. IN Data02_0406.txt
APR17001.DAT	96	06/04/2002	15:01	107	17/04/2002	14:03	15,2	Dupl. IN Data02_0417.txt
APR19001.DAT	107	17/04/2002	14:05	109	19/04/2002	09:03	2	Dupl. IN Data02_0419.txt
APR20001.DAT	109	19/04/2002	09:05	110	20/04/2002	19:31	2	Dupl. IN Data02_0420.txt
Data02_0731.txt	188	07/07/2002	10:46	212	31/07/2002	11:01	15	Dupl. IN JUL31001.dat
FEB27001.DAT	267	24/09/2001	22:01	57	26/02/2002	14:16	15	Dupl. IN Data02_0227.txt
FEB28002.DAT	58	27/02/2002	22:16	59	28/02/2002	09:31	15	Dupl. IN Data02_0228.txt
JULY0501.DAT	121	01/05/2002	04:01	185	04/07/2002	10:31	15	Different Dates than Miriam's

2003

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
		1 01/01/2003		49 18/02/2003			NO DATA	
FEB18001.dat	49	18/02/2003	14:45	49	18/02/2003	21:01	2 & 15	Not seen in Gaute's .xls file
APR02001.dat	49	18/02/2003	21:16	92	02/04/2003	13:16	15	
MAY03.dat	92	02/04/2003	13:31	136	16/05/2003	10:38	15	(07:56)
JUL03001.dat	136	16/05/2003	10:39	210	29/07/2003	14:30	15	1 min for first 21 mins.
SEP28001.dat	210	29/07/2003	14:45	271	28/09/2003	19:15	15	
Nov07.dat	271	28/09/2003	19:30	315	11/11/2003	18:10	15, 2 & 1	Found in Gaute's raw data
Nov13.dat	315	11/11/2003	18:14	317	13/11/2003	11:16	1 & 2	(The period 315-317 was missing)
MAR24001.dat	317	13/11/2003	11:31	365	31/12/2003	23:46	15	2003-2004

Added by PiM, 2013.10.02: Original File was edited to keep only data from 2003

MAR24001.dat	317	13/11/2003	11:31	84	24/03/2004	14:46	15	2003-2004
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From the comparisons of Gaute's processed .xls files and raw data .dat files, we get the following order in the raw data:

For FEB, APR and MAY (until 134 (7:45)):	Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97_2, 97_1, LC01, Battery (once a day)
For MAY(fr 134 (7:48)), JUL, SEP & Nov07.dat:	Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97_2, 97_1, Battery (once a day)
For Nov13.dat and MAR24001.dat:	Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97_2, 97_1, LC7, Battery (once a day)

Added by PiM, 2013.10.02: Gaute has done some date corrections in eng03[d-e].xls -- WEIRD CORRECTION (because not applied continuously)

	From	To				
Original:	136 16/05/2003	10:39	271 28/09/2003	19:15	15	Correction +1 Hour
Corrected:	136 16/05/2003	11:39	271 28/09/2003	20:15		
Original:	271 28/09/2003	19:30:00	317 13/11/2003	11:15:00	15, 1 & 2	Correction -4 Min. -23 Sec.
Corrected:	271 28/09/2003	19:26:37	317 13/11/2003	11:12:07		

Nov07.dat	113,315,1810,1.7785,1.1472,1.8452,1.7738,1.1653,1.4943	Observations of a shift: 4 min delay (confirming 4 min correction)
Nov13.dat	113,315,1814,1.7786,1.1472,1.8452,1.7739,1.1653,1.4908,1.1922	

From Gaute's .xls file

	01/06/03 0:00	1.8009	1.5632	1.904	1.7013	1.5101	1.6231	
eng03b.xls (corrected +1hr)	01/06/03 0:15	1.8009	1.5634	1.9039	1.7002	1.4979	1.6248	
	01/06/03 0:30	1.8008	1.5634	1.9036	1.6988	1.4887	1.6175	
	01/06/03 0:45	1.8008	1.5634	1.9036	1.6972	1.4894	1.6199	
eng03c.xls (not corrected +1hr)	01/06/03 0:00	1.8007	1.5636	1.9032	1.6947	1.4769	1.6171	
	01/06/03 0:15	1.8005	1.5635	1.903	1.6928	1.4751	1.6137	
	01/06/03 0:30	1.8004	1.5632	1.9029	1.6925	1.4717	1.6131	
	01/06/03 0:45	1.8003	1.5629	1.9028	1.6912	1.4689	1.6094	

In .xls files,  
Data are  
DIFFERENT  
because of the  
1hr correction.

DUPLICATES						
NOV07001.dat	271 28/09/2003	19:30	310 06/11/2003	17:15	15	
NOV07002.dat	310 06/11/2003	17:25	311 07/11/2003	10:56	1	Duplicates IN Nov07.dat
NOV08001.dat	311 07/11/2003	10:57	312 08/11/2003	11:46	1	(which compiles data for this period)
NOV09001.dat	312 08/11/2003	11:47	313 09/11/2003	13:51	1	
MAY03_15min.dat	92 02/04/2003	13:31	132 12/05/2003	02:31	15	SS 2 min data were removed by MJA?? from 132 (02:31), Duplicate IN MAY03.dat

## 2004

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
MAR24001.dat		1 01/01/2004	00:01	84	24/03/2004	14:46	15	2003-2004
MAR24002.dat	84	24/03/2004	14:51	84	24/03/2004	14:55	2	
MAR24003.dat	84	24/03/2004	14:58	84	24/03/2004	15:14	1 & 2	
MAR30001.dat	84	24/03/2004	15:16	84	24/03/2004	15:26	1 & 2	
MAR30002.dat	84	24/03/2004	15:29	90	30/03/2004	09:19	2	
	90	30/03/2004		98	07/04/2004		NO DATA	
MAI25001.dat	98	07/04/2004	11:01	146	25/05/2004	09:16	15	
OCT16001.dat	146	25/05/2004	09:31	245	01/09/2004	15:46	15	
	245	01/09/2004		309	04/11/2004		NO DATA	
NOV24ALL.dat	309	04/11/2004	22:46	329	24/11/2004	18:16	15	
Data 329-73.dat	329	24/11/2004	18:31	366	31/12/2004	23:46	15	2004-2005

Added by PiM, 2013.10.02: Original Files were edited to keep only data from 2004

MAR24001.dat	317	13/11/2003	11:31	84	24/03/2004	14:46	15	2003-2004
Data 329-73.dat	329	24/11/2004	18:31	73	14/03/2005	13:16	15	2004-2005

From the comparisons of Gaute's processed .xls/.mat files and raw data .dat files, we get the following order in the raw data:

For All Files: Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC7, Battery (once a day)

Notes:

- MJA: From MAR30002.dat, 7th logger becomes unreliable after 86 (1213). Damaged by Iverson's group.
- MJA: IN OCT16001.dat and OCT16002.dat, gibberish data after 245
- MJA: IN NOV24ALL.dat, 7th logger now working
- PiM: Interesting event in LC97s and 1e => 200-245

### DUPLICATES

Data 309-326.dat	309	04/11/2004	22:31	326	21/11/2004	20:16	15	
Data 326-327.dat	326	21/11/2004	20:31	327	22/11/2004	13:46	15	Duplicates IN NOV24ALL.dat
Data 327-329.dat	327	22/11/2004	14:01	329	24/11/2004	18:16	15	
MAR24001_ALL.DAT	317	12/11/2004	11:31	84	24/03/2004	14:46	15	2003-2004 Dupl. IN MAR24001.dat
OCT16002.DAT	164	12/06/2004	20:46	245	01/09/2004	15:46	15	Dupl. IN OCT16001.dat

**2005****Should ONLY consider files in GREEN**

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
Data 329-73.dat		1 01/01/2005	00:01	73	14/03/2005	13:16	15	2004-2005
SEP29001.dat	73	14/03/2005	13:31	272	29/09/2005	09:01	15	
APR19001.dat	272	29/09/2005	09:16	365	31/12/2005	23:46	15	2005-2006

**Added by PiM, 2013.10.02: Original Files were edited to keep only data from 2005**

Data 329-73.dat	329	24/11/2004	00:01	73	14/03/2005	13:16	15	2004-2005
APR19001.dat	272	29/09/2005	09:16	109	19/04/2006	09:46	15	2005-2006

**From the comparisons of Gaute's processed .mat files and raw data .dat files, we get the following order in the raw data:**

For All Files: Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC7, Battery (once a day)

2006

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
APR19001.dat		1 01/01/2006	00:01	109	19/04/2006	09:46	15	2005-2006
APR2001.dat	109	19/04/2006	10:01	109	19/04/2006	23:16	15	
APR2002.dat	109	19/04/2006	23:31	110	20/04/2006	08:46	15	
APR2003.dat	110	20/04/2006	09:01	114	24/04/2006	16:31	15	
APR2004.dat	114	24/04/2006	16:46	116	26/04/2006	08:16	15	
APR2005.dat	116	26/04/2006	08:31	117	27/04/2006	12:31	15	
APR2006.dat	117	27/04/2006	12:46	117	27/04/2006	15:46	15	
OKT29001.dat	117	27/04/2006	16:01	117	27/04/2006	17:01	15	
OKT29002.dat	117	27/04/2006	17:16	302	29/10/2006	19:01	15	
OKT29003.dat	302	29/10/2006	19:16	302	29/10/2006	19:46	15	
07MARS01.dat	302	29/10/2006	20:01	303	30/10/2006	23:31	15	
07MARS02.dat	303	30/10/2006	23:46	304	31/10/2006	12:46	15	
07MARS03.dat	304	31/10/2006	13:31	365	31/12/2006	23:46	15	2006-2007

Added by PiM, 2013.10.02: Original Files were edited to keep only data from 2006

APR19001.dat	272	29/09/2005	09:16	109	19/04/2006	09:46	15	2005-2006
07MARS03.dat	304	31/10/2006	13:31	67	08/03/2007	15:01	15	2006-2007

From the analysis of continuity in the .dat files, we get the following order in the raw data:

For All Files: Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC7, Battery (once a day)

**CORRECTION TO DO!**

2006/Day117time1601.tx

Correction: -14 min??

File OKT29001.DAT had two sets of values for time 16:01 on day 117 ---- (27th April). This was probably due to me resetting the time for the datalogger because it was 'out'. Time showed 16:08, and this was corrected to 15:54 - hence two reading for time 16:01. **This probably means that readings for up to 27th April are 'off' by up to 14 minutes.**

#### DUPLICATES

CR10_to_oct09.dat	159	08/06/2006	07:01	282	09/10/2006	09:31	15	
CR10_final_storage_1.dat	280	07/10/2006	03:31	298	25/10/2006	10:31	15	Duplicates IN OKT29002.dat



2007

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
07MARS03.dat		1 01/01/2007	00:01	67	08/03/2007	15:01	15	2006-2007
		67 08/03/2007		89	30/03/2007		NO DATA	
CR10_to_jun18.dat		89 30/03/2007	04:01	169	18/06/2007	10:16	15	
CR10_to_jul06.dat		169 18/06/2007	10:31	187	06/07/2007	18:31	15	
		187 06/07/2007		197	16/07/2007		NO DATA	
CR10_to_aug03.dat		197 16/07/2007	04:01	215	03/08/2007	11:01	15	
CR10_to_aug16.dat		215 03/08/2007	11:16	228	16/08/2007	13:31	15	
CR10_to_aug20.dat		228 16/08/2007	13:46	232	20/08/2007	09:31	15	
CR10_to_aug28.dat		232 20/08/2007	09:46	240	28/08/2007	09:31	15	
CR10_to_sep3.dat		240 28/08/2007	09:46	246	03/09/2007	11:16	15	
CR10_to_okt04.dat		246 03/09/2007	11:31	277	04/10/2007	11:46	15	
CR10_to_okt15.dat		277 04/10/2007	12:01	288	15/10/2007	08:46	15	
CR10_to_okt22.dat		288 15/10/2007	09:01	295	22/10/2007	09:01	15	
CR10_to_nov06.dat		295 22/10/2007	09:16	310	06/11/2007	10:16	15	
CR10_to_nov15.dat		310 06/11/2007	10:31	319	15/11/2007	18:31	15	
		319 15/11/2007		320	16/11/2007		NO DATA	
CR10_to_dec04_edited.dat		320 16/11/2007	02:16	331	27/11/2007	15:31	15	Kept only unique data
mars2008_026.dat		331 27/11/2007	15:46	365	31/12/2007	23:46	15	2007-2008
Added by PiM, 2013.10.02: Original Files were edited to keep only data from 2007								
CR10_to_jan15.dat		362 28/12/2006	04:01	15	15/01/2007	11:01	15	2006-2007
mars2008_026.dat		331 27/11/2007	15:46	67	07/03/2008		15	2007-2008

From the analysis of continuity in the .dat files, we get the following order in the raw data:

For All Files:

Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC7, Battery (once a day)

DUPLICATES								
CR10_to_jan15.dat	362	28/12/2006	04:01	15	15/01/2007	11:01	15	
CR10_to_feb08.dat	15	15/01/2007	11:16	39	08/02/2007	10:16	15	Duplicates IN 07MAR03.dat
CR10_to_mar08.dat	15	15/01/2007	11:16	67	08/03/2007	14:16	15	
CR10_to_apr17.dat	89	30/03/2007	04:01	107	17/04/2007	11:01	15	
CR10_to_mai03.dat	89	30/03/2007	04:01	123	03/05/2007	08:31	15	
CR10_to_mai16.dat	89	30/03/2007	04:01	136	16/05/2007	10:01	15	Duplicates IN
CR10_to_mai21.dat	89	30/03/2007	04:01	141	21/05/2007	10:01	15	CR10_to_jun18.dat
CR10_to_mai29.dat	89	30/03/2007	04:01	149	29/05/2007	10:16	15	
CR10_to_jun04.dat	89	30/03/2007	04:01	155	04/06/2007	09:01	15	
CR10_to_jun25.dat	169	18/06/2007	10:31	176	25/06/2007	14:31	15	Duplicates IN
CR10_to_jul02.dat	169	18/06/2007	10:31	183	02/07/2007	09:46	15	CR10_to_jul06.dat
CR10_to_sep11.dat	246	03/09/2007	11:31	254	11/09/2007	08:31	15	Duplicates IN
CR10_to_sep17.dat	246	03/09/2007	11:31	260	17/09/2007	09:16	15	CR10_to_okt04.dat
CR10_to_dec04.dat	320	16/11/2007	02:16	338	04/12/2007	09:16	15	Overlap w. mars2008_026.dat

2008

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
mars2008_026.DAT		1 01/01/2008	00:01	67	07/03/2008	13:31	15	2007-2008
DATA055.dat	67	07/03/2008	13:46	129	08/05/2008	19:31	15	
DATA056.dat	129	08/05/2008	19:46	129	08/05/2008	20:16	15	
trykk_mai008.dat	129	08/05/2008	20:31	130	09/05/2008	09:46	15	MJA: Time adjusted here?
trykk_mai009.dat	130	09/05/2008	10:44	130	09/05/2008	19:41	1 & 2	
trykk_mai010.dat	130	09/05/2008	19:43	132	11/05/2008	18:07	1 & 2	
trykk_mai011.dat	132	11/05/2008	18:08	132	11/05/2008	19:25	1 & 2	
trykk_mai012.dat	132	11/05/2008	19:26	132	11/05/2008	20:01	1 & 2	
trykk_mai013.dat	132	11/05/2008	20:02	132	11/05/2008	20:22	1 & 2	
trykk_mai014.dat	132	11/05/2008	20:24	133	12/05/2008	12:08	1 & 2	
trykk_mai015.dat	133	12/05/2008	12:10	133	12/05/2008	19:02	1 & 2	
trykk_mai016.dat	133	12/05/2008	19:04	135	14/05/2008	06:46	1 & 2	
trykk_sep002.dat	135	14/05/2008	07:01	246	02/09/2008	09:46	15	
trykk_nov019.dat	246	02/09/2008	10:01	324	19/11/2008	19:47	15	
	324	19/11/2008		366	31/12/2008		NO DATA	Datalogger failure?

Added by PiM, 2013.10.02: Original File was edited to keep only data from 2008

mars2008_026.dat	331	27/11/2007	15:46	67	07/03/2008	13:31	15	2007-2008
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From the analysis of continuity in the .dat files, we get the following order in the raw data:

For All Files: Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC7, Battery (once a day)

Note:

- MJA??: mars2008\_024.dat and mars2008\_025.dat are from Nov/Dec 2007 - files are replicated in other files, so these two have been deleted
- MJA: In trykk\_nov019.dat continued recording after 285 (07:46), but only error values recorded
- PiM: Between trykk\_mai008.dat & trykk\_mai009.dat - CORRECTION: +56 or 58Min?? (Raw data not changing much)

trykk\_mai008.dat 113,130,946,1.7299,-99999,1.8247,1.7169,1.5841,1.6986,1.5085  
trykk\_mai009.dat 113,130,1044,1.7299,-99999,1.8247,1.7177,1.5853,1.6983,1.5082

#### DUPLICATES

CR10_to_mar10.dat	52	21/02/2008	07:16	70	10/03/2008	14:16	15	
CR10_to_mar17.dat	59	28/02/2008	07:31	77	17/03/2008	14:16	15	
CR10_to_mar25.dat	67	07/03/2008	01:16	85	25/03/2008	08:16	15	
CR10_to_apr1.dat	74	14/03/2008	01:46	92	01/04/2008	08:46	15	
trykk_sep001.dat	135	14/05/2008	07:01					1 line and duplicate contained in trykk_sep002.dat

2009

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
		1 01/01/2009		36 05/02/2009				NO DATA
2009Corrected_trykk_marsX)	36	05/02/2009	14:01	83	24/03/2009	16:01	15	Corrected dates ( see below)
trykk_oct024.dat	83	24/03/2009	16:16	85	26/03/2009	19:16	15	
trykk_oct025.dat	85	26/03/2009	19:31	296	23/10/2009	10:16	15	
trykk_oct026.dat	296	23/10/2009	10:31	296	23/10/2009	11:01	15	
trykk_nov018.dat	296	23/10/2009	11:16	321	17/11/2009	20:16	15	
trykk_nov019.dat	321	17/11/2009	20:31	322	18/11/2009	18:01	15	
trykk_13mar000.dat	322	18/11/2009	18:16	323	19/11/2009	12:16	15	
trykk_13mar001.dat	323	19/11/2009	12:31	323	19/11/2009	13:46	15	
trykk_13mar002.dat	323	19/11/2009	14:01	365	31/12/2009	23:46	15	2009-2010

Added by PiM, 2013.10.02: Original File was edited to keep only data from 2009

trykk_13mar002.dat	323	19/11/2009	14:01	62	03/03/2010	11:01	15	2009-2010
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From the analysis of continuity in the .dat files, we get the following order in the raw data:

For All Files: Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC7, Battery (once a day)

Note:

- <PiM: Deprecated> MJA [IMPORTANT - datalogger was reset on 24/3/09 at 15:08 local time. At this time, the datalogger was showing day 47, 01:20. All times for March data files need to be corrected by +36 days+13:48 hours.]

- PiM 2013.07.08 - NEW CORRECTION File trykk\_oct023.dat, first of the files downloaded on 23rd October shows a jump from 47 (01:16) to 83 (15:16). This jump thus occurred on 24th March 2009, the day that the datalogger time was reset. Thus, => CORRECTION of +36 days +13:45 hours. Readings show continuity of values.

trykk_mars021.dat	last line	113,47,101,...	should become	113,83,1446,...	The present data are for:
trykk_oct023.dat	first line	113,47,116,...	should become	113,83,1501,...	Position, DayOfTheYear,
	second line	113,83,1516...			HourMinute, (LoadCells)...

- MJA: trykk\_mars\_tot.xls is sum of all trykk\_mars files

- In 2009/READTHIS.txt: Miriam Jackson, 25.8.2009: Original version of files: jun\_2009.dat, jul01\_2009.dat and aug25\_2009.dat had data for days 74 to 92. This data was actually old data from 2008, so has been deleted from the files in this folder (S:\brepersjekt\Engabreen\diverse gamalt\labb-trykkdata\2009)

DUPLICATES						
trykk_mars013.dat	0	00:09	0	00:44	3	MJA: rubbish data
trykk_mars014.dat	0	00:16	0	00:17	1	
trykk_mars015.dat	0	00:31	41	06:31	15	
trykk_mars016.dat	41	06:46	42	01:46	15	
trykk_mars017.dat	42	02:01	42	20:46	15	PiM: 2013.07.08 Dates were
trykk_mars018.dat	42	21:01	44	01:46	15	corrected (see note below)
trykk_mars019.dat	44	02:01	45	21:01	15	and compiled into
trykk_mars020.dat	45	21:16	46	05:16	15	2009Corrected_trykk_marsX
trykk_mars021.dat	46	05:31	47	01:01	15	XX.dat.
trykk_oct023.dat	47	01:16	1 line	tab		
	83	24/03/2009	15:16	83	24/03/2009	16:01 separated
trykk_mars_tot.xls	0	00:31	47	01:01		MJA/PiM: corrected dates
trykk_mars_tot.xls	36	14:19	83	24/03/2009	14:49	and compiled in .xls file
Engabreen_jun_2009.dat	158	07/06/2009	07:01	176	25/06/2009	14:01 15
Engabreen_jul01_2009.dat	158	07/06/2009	07:01	182	01/07/2009	13:46 e from 164 (6
Engabreen_aug18_2009.dat	182	01/07/2009	14:01	188	07/07/2009	15:46 15
	212	31/07/2009	08:01	230	18/08/2009	15:01 15
Engabreen_aug25_2009.dat	74	14/03/2008	01:46	92	01/04/2008	08:46 15
	158	07/06/2009	07:01	176	25/06/2009	14:01 15
	164	13/06/2009	06:46	182	01/07/2009	13:46 15
	237	25/08/2009	09:16	259	16/09/2009	17:46 15
Engabreen_jul07_2009.dat	230	18/08/2009	15:16	237	25/08/2009	08:46 15
Engabreen_sep04_2009.dat	Like Engabreen_aug25_2009.dat	01:46	247	04/09/2009	09:31	15
Engabreen_sep09_2009.dat	Like Engabreen_aug25_2009.dat	02:46	252	09/09/2009	12:31	15
Engabreen_sep16_2009.dat	Like Engabreen_aug25_2009.dat	03:46	259	16/09/2009	17:46	15

2010

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
trykk_13mar002.dat	1	01/01/2010	1:01	62	03/03/2010	11:01	15	2009-2010
trykk_13mar003.dat	62	03/03/2010	11:16	72	13/03/2010	18:01	15	
trykk_13mar004.dat	72	13/03/2010	18:16	72	13/03/2010	18:31	15	
trykk_13mar005.dat	72	13/03/2010	18:41	73	14/03/2010	12:36	1, 2 or 3	
trykk_13mar006.dat	73	14/03/2010	12:39	73	14/03/2010	16:51	1,2 or 3	
trykk_13mar007.dat	73	14/03/2010	16:54	73	14/03/2010	17:06	3	
trykk_13mar008.dat	73	14/03/2010	17:13	74	15/03/2010	14:39	2	
trykk_13mar009.dat	74	15/03/2010	13:51	74	15/03/2010	19:53	2	
trykk_13mar010.dat	74	15/03/2010	19:55	83	24/03/2010	15:35	2	
Engabreen_apr06_2010_edit	83	24/03/2010	15:37	96	06/04/2010	9:23	2	Only unique date
	96	06/04/2010		97	07/04/2010		NO DATA	
Engabreen_apr14_2010.dat	97	07/04/2010	3:27	104	14/04/2010	8:09	2	
	104	14/04/2010		113	23/04/2010		NO DATA	
trykk_10jun001.dat	113	23/04/2010	8:41	113	23/04/2010	16:05	2	
trykk_10jun002.dat	113	23/04/2010	16:07	161	10/06/2010	11:53	2	
trykk_10jun003.dat	161	10/06/2010	11:55	161	10/06/2010	13:31	2	
	161	10/06/2010		161	10/06/2010		NO DATA	
trykk_11jun001.dat	161	10/06/2010	15:55	161	10/06/2010	15:59	2	
trykk_11jun002.dat	161	10/06/2010	16:01		1 line		2	
trykk_11jun003.dat	161	10/06/2010	16:03	162	11/06/2010	9:19	2	
	162	11/06/2010		162	11/06/2010		NO DATA	
trykk_21sep001.dat	162	11/06/2010	10:16	162	11/06/2010	11:46	15	
trykk_21sep002.dat	162	11/06/2010	12:01	196	15/07/2010	1:46	15	DATA GAP FROM JULY - low battery <--- voltage
	196	15/07/2010		266	23/09/2010		NO DATA	
trykk_09nov000.dat	266	23/09/2010	10:06	266	23/09/2010	10:14	4	
trykk_09nov001.dat	266	23/09/2010	10:32	272	29/09/2010	12:47	15	all -99999
trykk_09nov002.dat	272	29/09/2010	13:02	313	09/11/2010	11:02	15	
trykk_09nov003.dat	313	09/11/2010	11:18	313	09/11/2010	15:26	4	
	313	09/11/2010		315	11/11/2010		NO DATA	
trykk_31mar001.dat	315	11/11/2010	12:47	365	31/12/2010	23:47	15	2010-2011 (-99999)

Added by PiM, 2013.10.02: Original File were edited to keep only data from 2010

trykk_13mar002.dat	323	19/11/2009	14:01	62	03/03/2010	11:01	15	2009-2010
trykk_31mar001.dat	315	11/11/2010	12:47	90	31/03/2011	18:57	15	2010-2011 (-99999)

From the analysis of continuity in the .dat files, we get the following order in the raw data:

For All Files: Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC7, Battery (once a day)

Note: - PiM: Engabreen\_mars2[2-4]\_2010.da have overlapping dates and different sampling rate. Only 2 min interval are from 2010, which was coherent with the sampling rate from older data. See analysis below:

After combining both files, checking for duplicates and sorting by dates, I got:

74	01:46	92	08:46	15
79	04:57	83	14:19	2
158	07:01	182	13:46	15
237	09:16	259	17:46	15

> PiM 2013.10.08: CHECKED! 2min Data are from 2010 (trykk\_13mar010.dat). The rest is from 2009 except Data from 74 (01:46) to 92 (08:46), which are from 2008. Duplicates IN trykk\_oct025.dat (2009) & DATA055.dat (2008).

DUPLICATES								
Engabreen_mars22_2010.dat	79	20/03/2010	04:57	81	22/03/2010	15:33	2	Duplicate IN
Engabreen_mars24_2010.dat	79	20/03/2010	04:57	83	24/03/2010	14:19	2	trykk_13mar010.dat
Engabreen_mars25_2010.dat	83	24/03/2010	14:21	84	25/03/2010	13:43	2	
Engabreen_mars26_2010.dat	83	24/03/2010	14:21	85	26/03/2010	10:39	2	Duplicate IN
Engabreen_mars29_2010.dat	83	24/03/2010	14:21	88	29/03/2010	9:51	2	Engabreen_apr06_2010.dat
Engabreen_mars31_2010.dat	83	24/03/2010	14:21	90	31/03/2010	14:13	2	
Engabreen_apr09_2010.dat	97	07/04/2010	3:27	99	09/04/2010	14:03	2	Dupl. IN Engabreen
Engabreen_apr12_2010.dat	97	07/04/2010	3:27	102	12/04/2010	10:29	2	_apr14_2010.dat
Engabreen_apr06_2010.dat	83	24/03/2010	14:21	96	06/04/2010	9:23	2	Original
- Added by PiM, 2013.07.10 comes from "NVE_raw/Lesmeg.txt"								
Notes from Hallgeir (hae)								
trykk_13mar002:	day323 - day 62 (3/3-2010)							
trykk_13mar010:	get new 15/3 1955 - 24/3 1535 (nedlasta 24/3)							
trykk_13mar011:	get all 6/11-?? 2146 - 8/3-?? 1501 (nedlasta 24/3-10)							
retkk_13mar083:	24/3 1537 - 25/3 1327 (nedlasta 25/3-10)							
(see below)								
mappe get_all_2503:	kopiert alt på SM 25/3-10							

<b>!!! All Data older than 2010.03.25 = 84 (date of downloading) are from another year !!! (see nc</b>					
trykk_13mar000.dat	322	18/11/2009	18:16	323	19/11/2009 12:16
trykk_13mar001.dat	323	19/11/2009	12:31	323	19/11/2009 13:46
trykk_13mar002.dat	323	19/11/2009	14:01	62	03/03/2010 11:01
trykk_13mar003.dat	62	03/03/2010	11:16	72	13/03/2010 18:01
trykk_13mar004.dat	72	13/03/2010	18:16	72	13/03/2010 18:31
trykk_13mar005.dat	72	13/03/2010	18:41	73	14/03/2010 12:36
trykk_13mar006.dat	73	14/03/2010	12:39	73	14/03/2010 16:51
trykk_13mar007.dat	73	14/03/2010	16:54	73	14/03/2010 17:06
trykk_13mar008.dat	73	14/03/2010	17:13	74	15/03/2010 13:49
trykk_13mar009.dat	74	15/03/2010	13:51	74	15/03/2010 19:53
trykk_13mar010.dat	74	15/03/2010	19:55	83	24/03/2010 15:35
trykk_13mar011.dat	320	16/11/2006	21:46	67	08/03/2007 15:01
trykk_13mar013.dat	127	07/05/2007	20:46	128	08/05/2007 17:46
trykk_13mar014.dat	128	08/05/2007	18:01	128	08/05/2007 18:01
trykk_13mar015.dat	128	08/05/2007	18:16	135	15/05/2007 12:31
trykk_13mar017.dat	323	19/11/2007	17:01	326	22/11/2007 10:31
trykk_13mar018.dat	326	22/11/2007	10:46	330	26/11/2007 18:01
trykk_13mar019.dat	330	26/11/2007	18:16	331	27/11/2007 15:31
trykk_13mar022.dat	129	08/05/2008	19:46	129	08/05/2008 20:16
trykk_13mar023.dat	129	08/05/2008	20:31	130	09/05/2008 09:46
trykk_13mar024.dat	130	09/05/2008	10:44	130	09/05/2008 19:41
trykk_13mar025.dat	130	09/05/2008	19:43	132	11/05/2008 18:07
trykk_13mar026.dat	132	11/05/2008	18:08	132	11/05/2008 19:25
trykk_13mar027.dat	132	11/05/2008	19:26	132	11/05/2008 20:01
trykk_13mar028.dat	132	11/05/2008	20:02	132	11/05/2008 20:22
trykk_13mar029.dat	132	11/05/2008	20:24	133	12/05/2008 12:08
trykk_13mar030.dat	133	12/05/2008	12:10	133	12/05/2008 19:02
trykk_13mar031.dat	133	12/05/2008	19:04	135	14/05/2008 06:46
trykk_13mar032.dat	135	14/05/2008	07:01	135	14/05/2008 07:01
trykk_13mar035.dat	324	20/11/2007	20:02	326	22/11/2007 15:07
trykk_13mar036.dat	326	22/11/2007	15:52	326	22/11/2007 16:04
trykk_13mar037.dat	326	22/11/2007	16:10	326	22/11/2007 16:10
trykk_13mar038.dat	326	22/11/2007	15:50	326	22/11/2007 15:50
trykk_13mar039.dat	326	22/11/2007	15:56	326	22/11/2007 18:12
trykk_13mar040.dat	326	22/11/2007	18:17	327	23/11/2007 09:47
trykk_13mar041.dat	327	23/11/2007	10:17	328	24/11/2007 19:47
trykk_13mar042.dat	328	24/11/2007	20:02	328	24/11/2007 20:06
trykk_13mar043.dat	328	24/11/2007	20:12	328	24/11/2007 20:24
trykk_13mar044.dat	328	24/11/2007	20:33	328	24/11/2007 21:05
trykk_13mar045.dat	328	24/11/2007	21:17	329	25/11/2007 10:47
trykk_13mar046.dat	329	25/11/2007	10:52	329	25/11/2007 10:52
trykk_13mar047.dat	0		00:08	0	03:40
trykk_13mar048.dat	0		03:45	0	03:46
trykk_13mar049.dat	0		03:47	0	03:47
trykk_13mar050.dat	0		03:52	0	03:53
trykk_13mar051.dat	0		03:53	229	17:33
trykk_13mar052.dat	229		17:39	229	18:27
trykk_13mar053.dat	229		18:47	230	16:47
trykk_13mar054.dat	230		16:58	230	17:06
trykk_13mar055.dat	0		00:08	0	00:12
trykk_13mar056.dat	0		00:15	0	00:36
trykk_13mar057.dat	0		00:09	0	00:44
trykk_13mar058.dat	0		00:16	0	00:17
trykk_13mar060.dat	41		06:46	42	01:46
trykk_13mar061.dat	42		02:01	42	20:46
trykk_13mar062.dat	42		21:01	44	01:46
trykk_13mar063.dat	44		02:01	45	21:01
trykk_13mar064.dat	45		21:16	46	05:16
trykk_13mar065.dat	46		05:31	47	01:01
trykk_13mar066.dat	47		01:16	83	24/03/2009 16:01
trykk_13mar067.dat	83	24/03/2009	16:16	85	26/03/2009 19:16
trykk_13mar069.dat	296		10:31	296	11:01
trykk_13mar071.dat	321	17/11/2009	20:31	322	18/11/2009 18:01
trykk_13mar072.dat	322	18/11/2009	18:16	323	19/11/2009 12:16
trykk_13mar073.dat	323	19/11/2009	12:31	323	19/11/2009 13:46
trykk_13mar075.dat	62	03/03/2010	11:16	72	13/03/2010 18:01
trykk_13mar076.dat	72	13/03/2010	18:16	72	13/03/2010 18:31
trykk_13mar077.dat	72	13/03/2010	18:41	73	14/03/2010 12:36
trykk_13mar078.dat	73	14/03/2010	12:39	73	14/03/2010 16:51
trykk_13mar079.dat	73	14/03/2010	16:54	73	14/03/2010 17:06
<b>2009</b> <b>2009-2010</b>  <b>2010</b>  <b>2006 - 2007</b> <b>PiM 2013.10.07: CHECKED! From 2007 IN</b> <i>CR10_to_jun18.dat</i> <b>PiM 2013.10.08: CHECKED! FROM 2007</b> <b>IN CR10_to_dec04.dat</b>  <b>PiM 2013.10.07: CHECKED! From 2008 IN</b> <i>DATA056.dat, trykk_mai0[08-16].dat &amp;</i> <i>trykk_sep002.dat</i>  <b>PiM 2013.10.08: CHECKED! FROM 2007</b> <b>IN CR10_to_dec04.dat</b>  <b>PiM 2013.10.08: Rubbish</b>  <b>PiM 2013.10.08: Year Not known, but</b> only -99999s values.  <b>PiM 2013.10.08: Rubbish</b>  <b>PiM 2013.10.07: CHECKED! From 2009 IN</b> <i>trykk_mars0[13-21].dat &amp; trykk_oct0[23-</i> <i>24].dat</i>  <b>PiM 2013.10.08: ??</b> <b>PiM 2013.10.08: From 2009 IN</b> <i>trykk_nov019.dat, trykk_13mar00[0-</i> <i>1].dat</i>  <b>PiM 2013.10.07: CHECKED! From 2010 IN</b> <i>trykk_13mar00[3-9].dat</i>					

trykk_13mar080.dat	73	14/03/2010	17:13	74	15/03/2010	13:49
trykk_13mar081.dat	74	15/03/2010	13:51	74	15/03/2010	19:53
trykk_13mar083.dat	83	24/03/2010	15:37	84	25/03/2010	13:27

2010 Duplicates IN  
Engabreen\_apr06\_2010.dat

2011

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
trykk_31mar001.dat	1	01/01/2011	00:02	90	31/03/2011	12:32	15	2010-2011
trykk_25mar002.dat	90	31/03/2011	12:47	90	31/03/2011	16:47	15	
trykk_25mar003.dat	90	31/03/2011	17:52		1 line			
trykk_25mar004.dat	90	31/03/2011	18:04	90	31/03/2011	18:08	4	All -99999s
trykk_25mar005.dat	90	31/03/2011	18:18		1 line			
trykk_25mar006.dat	90	31/03/2011	18:31		1 line			
trykk_25mar007.dat	90	31/03/2011	18:35	90	31/03/2011	18:57	2	
Data logger etc. dismantled 31. mars 2011, to send to Instrumentjeneste AS							NO DATA	
trykk_25mar008.dat	123	03/05/2011	16:27	123	03/05/2011	16:37	2	
trykk_25mar009.dat	123	03/05/2011	16:43	123	03/05/2011	16:57	2	
trykk_25mar010.dat	123	03/05/2011	17:01	124	04/05/2011	09:31	5	All -99999s
trykk_25mar011.dat	124	04/05/2011	09:37	124	04/05/2011	13:51	2	
trykk_25mar012.dat	124	04/05/2011	13:53	125	05/05/2011	09:55	2	
trykk_25mar013.dat	125	05/05/2011	09:57	128	08/05/2011	20:21	2	
trykk_25mar014.dat	128	08/05/2011	20:23	141	21/05/2011	16:35	2	
trykk_25mar015.dat	141	21/05/2011	16:37	168	17/06/2011	11:45	15	
trykk_25mar016.dat	168	17/06/2011	12:01	237	25/08/2011	10:16	15	
trykk_25mar017.dat	237	25/08/2011	10:31	239	27/08/2011	08:16	15	
trykk_25mar018.dat	239	27/08/2011	08:31	240	28/08/2011	10:01	15	
trykk_25mar019.dat	240	28/08/2011	10:16	240	28/08/2011	10:31	15	
trykk_25mar020.dat	240	28/08/2011	12:27	240	28/08/2011	12:35	2	0s & -99999s
trykk_25mar021.dat	240	28/08/2011	12:37	240	28/08/2011	13:49	2	0s & -99999s & 1 correct value
trykk_25mar022.dat	240	28/08/2011	14:15	240	28/08/2011	14:25	2	
trykk_25mar023.dat	240	28/08/2011	14:35	240	28/08/2011	14:47	2	-99999s
trykk_25mar024.dat	240	28/08/2011	14:49	240	28/08/2011	15:03	2	0s & -99999s & 1 correct value
trykk_25mar025.dat	240	28/08/2011	15:07	240	28/08/2011	15:09	2	0s & -99999s
trykk_25mar026.dat	240	28/08/2011	16:01	304	31/10/2011	17:16	15	
trykk_25mar027.dat	304	31/10/2011	17:31	305	01/11/2011	13:46	15	
trykk_25mar028.dat	305	01/11/2011	14:01	306	02/11/2011	16:31	15	
trykk_25mar029.dat	306	02/11/2011	16:46	307	03/11/2011	10:01	15	
trykk_25mar030.dat	307	03/11/2011	10:16	307	03/11/2011	17:31	15	
trykk_25mar031.dat	307	03/11/2011	17:46	348	14/12/2011	19:31	15	
	348	14/12/2011		365	31/12/2011			NO DATA

Added by PiM, 2013.10.04: Original File were edited to keep only data from 2011

trykk_31mar001.dat	315	11/11/2010	12:47	90	31/03/2011	12:32	15	-99999s	2010-2011
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From the analysis of continuity in the .dat files, we get the following order in the raw data:

For All Files:

Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC7, Battery (once a day)

DUPLICATES								
trykk_25mar001.dat	25	25/01/2011	02:17	90	31/03/2011	12:32	15	
trykk_31mar002.dat	90	31/03/2011	12:47	90	31/03/2011	16:47	15	
trykk_31mar003.dat	90	31/03/2011	17:52		1 line			
trykk_31mar004.dat	90	31/03/2011	18:04	90	31/03/2011	18:08	4	Duplicate IN trykk_31mar00[1-7].dat
trykk_31mar005.dat	90	31/03/2011	18:18		1 line			
trykk_31mar006.dat	90	31/03/2011	18:31		1 line			
trykk_31mar007.dat	90	31/03/2011	18:35	90	31/03/2011	18:57	2	
trykk_05mai005.dat	124	04/05/2011	13:53	125	05/05/2011	09:55	2	Duplicate IN trykk_25mar0[12-14].dat
trykk_09mai001.dat	125	05/05/2011	09:57	128	08/05/2011	20:21	2	
trykk_21mai001.dat	128	08/05/2011	20:23	141	21/05/2011	16:35	2	
trykk_mai25.dat	143	23/05/2011	02:43	145	25/05/2011	13:19	2	IL IN trykk_25mar015
trykk_jun14.dat	143	23/05/2011	02:49	165	14/06/2011	13:09	2 & 15	Duplicate IN trykk_mar0[15-16].dat + Jump from 145 1275 to
trykk_jun24.dat	143	23/05/2011	02:49	175	24/06/2011	08:46	2 & 15	
trykk_28aug001.dat	141	21/05/2011	16:37	168	17/06/2011	11:45	15	
trykk_28aug002.dat	168	17/06/2011	12:01	237	25/08/2011	10:16	15	
trykk_28aug003.dat	237	25/08/2011	10:31	239	27/08/2011	08:16	15	
trykk_28aug004.dat	239	27/08/2011	08:31	240	28/08/2011	10:01	15	Duplicate IN trykk_25mar0[15-23].dat
trykk_28aug005.dat	240	28/08/2011	10:16	240	28/08/2011	10:31	15	
trykk_28aug006.dat	240	28/08/2011	12:27	240	28/08/2011	12:35	2	
trykk_28aug007.dat	240	28/08/2011	12:37	240	28/08/2011	13:49	2	
trykk_28aug008.dat	240	28/08/2011	14:15	240	28/08/2011	14:25	2	
trykk_28aug009.dat	240	28/08/2011	14:35	240	28/08/2011	14:47	2	

trykk_sep28.dat	143	23/05/2011	02:49	271	28/09/2011	14:16	15	<b>Duplicate in</b> trykk_25mar0[15- 26].dat + <b>Jump</b> from 145,1325 to 163,233 & from 175,846 to 253,716 + 1st line removed for 2 last
trykk_okt04.dat	143	23/05/2011	02:49	277	04/10/2011	09:16	15	
trykk_okt07.dat	262	19/09/2011	06:01	280	07/10/2011	13:01	15	
trykk_okt12.dat	262	19/09/2011	06:01	285	12/10/2011	08:46	15	
trykk_okt20.dat	262	19/09/2011	06:01	293	20/10/2011	13:01	15	<b>Duplicate in</b> trykk_25mar0[26- 27].dat + 1st line
trykk_09nov001.dat	262	19/09/2011	06:01	313	09/11/2011	08:46	15	
trykk_23nov001.dat	262	19/09/2011	06:01	327	23/11/2011	10:31	15	<b>Duplicate IN</b> trykk_25mar0[24- 28].dat -- Found on NVE servers
trykk_02nov001.dat	240	28/08/2011	14:49	240	28/08/2011	15:03	2	
trykk_02nov002.dat	240	28/08/2011	15:07	240	28/08/2011	15:09	2	
trykk_02nov003.dat	240	28/08/2011	16:01	304	31/10/2011	17:16	15	
trykk_02nov004.dat	304	31/10/2011	17:31	305	01/11/2011	13:46	15	
trykk_02nov005.dat	305	01/11/2011	14:01	306	02/11/2011	16:31	15	



2012

Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
	1	01/01/2012		78	18/03/2012		NO DATA	
2012Corrected_trykk_marsX)	78	18/03/2012	19:33	83	23/03/2012	22:29	2	Only unique date
Engabreen_trykk_30mar.dat	83	23/03/2012	22:31	89	29/03/2012	11:31	2 & 15	
trykk_15apr008_edited.dat	89	29/03/2012	11:46	103	12/04/2012	22:46	15	Only unique date
trykk_15apr009.dat	103	12/04/2012	22:53	105	14/04/2012	09:31	2	
trykk_15apr010.dat	105	14/04/2012	09:33	105	14/04/2012	10:33	2	
	105	14/04/2012		109	18/04/2012		NO DATA	
trykk_04mai001.dat	109	18/04/2012	20:38	124	03/05/2012	20:50	1	Data Loss between 175
trykk_24jul001.dat	124	03/05/2012	22:49	152	31/05/2012	18:49	2	21:15 and 176 00:19 + Font
trykk_24jul002.dat	152	31/05/2012	18:51	152	31/05/2012	19:01	2	pbm from 175 21:01
trykk_28aug001_edited.dat	152	31/05/2012	19:03	204	22/07/2012	21:39	2	<-- Corrected or removed
trykk_28aug002.dat	204	22/07/2012	21:41	205	23/07/2012	9:41	2	
trykk_28aug003_edited.dat	205	23/07/2012	9:43	240	27/08/2012	17:57	2	309 until 236 325 as well as
trykk_18sep001.dat	240	27/08/2012	17:59	261	17/09/2012	11:35	2	236 431 – 236 447
trykk_14nov001.dat	261	17/09/2012	11:37	317	12/11/2012	13:07	2	Corrected
trykk_14nov002.dat	317	12/11/2012	13:09	317	12/11/2012	18:17	2	
trykk_14nov003.dat	317	12/11/2012	18:19	318	13/11/2012	11:25	2	
trykk_14nov004.dat	318	13/11/2012	11:27	318	13/11/2012	17:35	2	
trykk_16nov001.dat	318	13/11/2012	17:37	320	15/11/2012	17:23	2	
trykk_19apr001.dat	320	15/11/2012	17:25	320	15/11/2012	20:11	2	
trykk2_19apr001.dat	320	15/11/2012	20:13	366	31/12/2012	23:59	2	2012-2013

Added by PiM, 2013.10.04: Original File were edited to keep only data from 2012

trykk2_19apr001.dat	320	15/11/2012	20:13	107	17/04/2013	327	2	2012-2013
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From the analysis of continuity in the .dat files, we get the following order in the raw data:

For All Files (before 84,17:59): Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,97\_2, 97\_1, LC7, Battery (once a day)

For All Files (after 84,17:59): Code, DayOfYear, HH:MM, LC6 ,LC1e, LC4, LC2a ,12\_1, 12\_2, LC7, Battery (once a day)

PiM: LC97\_2 and LC97\_1 were replaced by LC12\_2 and LC12\_1, respectively. Their connections were swapped, but we do not need to inverse the order of these LCs to have continuity in time series (i.e. LC12\_2,LC12\_1).

Correction of: +78days +18hrs +38min. ( Datalogger clock was accidentally reset to 0.) =&gt; Saved in 2012Corrected\_trykk\_marsXXX.dat

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval	
trykk_25mar032.dat	0		00:55	0				
trykk_25mar033.dat	0		00:57	0		16:09	2	
trykk_25mar034.dat	0		16:11	3		17:47	2	
trykk_26mar001.dat	3		17:49	4		01:57	2	<-- wrong dates (4 1:59-
trykk_26mar002.dat	82		20:59	84		12:11	2	2:19)
trykk_26mar003.dat	84		12:13	84		17:57	2	
trykk_26mar004.dat	84		17:59	84		20:23	2	Duplicate IN
trykk_26mar005.dat	84		20:25	85		13:01	2	Engabreen_trykk_30mar.dat
trykk_23mar001.dat	0		00:55					
trykk_23mar002.dat	0		00:57	0		16:09	2	Duplicate IN
trykk_23mar003.dat	0		16:11	3		17:47	2	trykk_25mar0[32-34].dat &
trykk_23mar004.dat	3		17:49	4		01:57	2	trykk_26mar001.dat

Update 2014.06.12: I have realised that in 2012 all P-events seem to have an offset with the peak in discharge gradient ( $\pm 1$  day). The same year the datalogger clock was reset. The last downloaded file *Engabreen\_trykk\_30mar.dat* was created 30 Mars 12:36 (metadata) and the last point in the file was recorded at 89 1131. The day of the year 89 does not fit with 2012.03.30 because it is a leap year, meaning that the day of the year is instead:

90. The data timestamp must be corrected by: +1day and the correction MUST BE APPLIED TO ALL DATA IN 2012.

Correction of: -2Min. Or larger shift? For files before trykk\_24jul001.dat

trykk_04mai001.dat	113,124,2049,1.7818,-99999,1.762,1.6508,1.6352,1.4082,-99999
	113,124,2050,1.782,-99999,1.762,1.6507,1.6352,1.4085,-99999
trykk_24jul001.dat	113,124,2249,1.7821,-99999,1.7627,1.6403,1.6334,1.4012,-99999
	113,124,2251,1.782,-99999,1.7627,1.6401,1.6334,1.4031,-99999

DUPLICATES							
trykk_15apr001.dat	85	25/03/2012	13:03	85	25/03/2012	15:13	2
trykk_15apr002.dat	85	25/03/2012	15:15	85	25/03/2012	16:29	2
trykk_15apr003.dat	85	25/03/2012	16:31	85	25/03/2012	16:33	2
trykk_15apr004.dat	85	25/03/2012	16:35	85	25/03/2012	16:55	2
trykk_15apr005.dat	85	25/03/2012	16:57	85	25/03/2012	17:09	2
trykk_15apr006.dat	85	25/03/2012	17:11	85	25/03/2012	17:17	2
trykk_15apr007.dat	85	25/03/2012	17:19	85	25/03/2012	21:35	2

Duplicate IN  
Engabreen\_trykk\_30mar.dat

Engabreen_trykk_07mai.dat	125	04/05/2012	2:55	127	06/05/2012	13:31	2	Dupl. IN trykk_24jul001.dat
Engabreen_trykk_04jul.dat	183	01/07/2012	2:17	185	03/07/2012	12:53	2	Dupl. IN trykk_28aug001.dat
Engabreen_trykk_22aug.dat	232	19/08/2012	2:59	234	21/08/2012	13:35	2	Dupl. IN trykk_28aug003.dat
trykk_19apr002.dat	320	15/11/2012	20:13	366	31/12/2012	23:59	2	Dupl. IN trykk2_19apr001.da
2012Corrected_trykk_marsX	78	18/03/2012	19:33	85	25/03/2012	13:01	2	Original
trykk_15apr008.dat	85	25/03/2012	21:46	103	12/04/2012	22:46	15	

## 2013

### Should ONLY consider files in GREEN

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
trykk2_06jun001.dat	1	01/01/2013	00:01	108	18/04/2013	19:13	2	2012-2013
trykk_06jun002.dat	108	18/04/2013	19:15	156	05/06/2013	23:09	2	
trykk_06jun003.dat	156	05/06/2013	23:11	157	06/06/2013	01:27	2	
trykk_17sep001.dat	157	06/06/2013	01:29	230	18/08/2013	22:53	2	
trykk_17sep002.dat	230	18/08/2013	22:55	259	16/09/2013	12:03	2	
trykk_29nov001.dat	259	16/09/2013	12:05	265	22/09/2013	08:11	2	
Kopi_av_trykk_29nov002.dat	265	22/09/2013	08:13	274	01/10/2013	07:51	2	Corrected - see Note
	274	01/10/2013		334	30/11/2013			NO DATA < I don't believe that there is
Engabreen_trykk_dec03_new	334	30/11/2013	04:35	336	02/12/2013	15:11	2	not a file with these data.

Added by PiM, 2013.10.04: Original File were edited to keep only data from 2013

trykk2_06jun001.dat	360	25/12/2012	17:33	108	18/04/2013	19:13	2	2012-2013
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From the analysis of continuity in the .dat files, we get the following order in the raw data:

For All Files: Code, DayOfYear, HH:MM, LC6, LC1e, LC4, LC2a, 12\_1, 12\_2, LC7, Battery (once a day)

Note:

> PiM 2013.12.06: CHECKED! 2min Data in *Kopi\_av\_trykk\_29nov002.dat* are from 2013. But Data from 164 (04:19) to 204 (19:35) are Duplicates of *trykk\_17sep001.dat*.

> PiM 2013.12.06: The values between *Kopi\_av\_trykk\_29nov002.dat* & *Engabreen\_trykk\_dec03\_new.dat* show quite a JUMP.

Update 2015.02.16: The same one day shift than in 2012 may occur in 2013. The downloaded files with timestamps like *trykk\_17sep002.dat* do not match the last date of the file: 16/09/2013. In 2012, the datalogger clock was reset wrongly because of for leap years, the day of the year are different. The data timestamp must be corrected by: +1day and the correction MUST BE APPLIED TO ALL DATA IN 2013.

DUPLICATES								
trykk_19apr001.dat	320	15/11/2012	17:25	320	15/11/2012	20:11	2	
trykk_19apr002.dat	320	15/11/2012	20:13	46	15/02/2013	16:43	2	
trykk2_19apr001.dat	320	15/11/2012	20:13	107	17/04/2013	327	2	Duplicate IN
Engabreen_trykk_29jan.dat	25	25/01/2013	23:21	28	28/01/2013	10:51	2	<i>trykk2_06jun001.dat</i>
Engabreen_trykk_12feb.dat	40	09/02/2013	04:23	42	11/02/2013	14:59	2	
Engabreen_trykk_11mars.dai	67	08/03/2013	00:29	69	10/03/2013	11:05	2	
Engabreen_trykk_26apr.dat	112	22/04/2013	22:03	115	25/04/2013	08:39	2	Duplicate IN
Engabreen_trykk_june04.dat	152	01/06/2013	02:23	154	03/06/2013	12:59	2	<i>trykk_06jun002.dat</i>
Kopi av trykk_29nov002.dat	265	22/09/2013	08:13	274	01/10/2013	07:51	2	Some Dupl. IN
								<i>trykk_17sep001.dat</i>
Engabreen_trykk_sep01.dat	241	29/08/2013	03:31	243	31/08/2013	14:07	2	Dupl. IN <i>trykk_17sep002.dat</i>

2014

EXAMPLE OF PAGE LAYOUT - **Should ONLY consider files in GREEN**

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
?????		1 01/01/2013	00:01	108	18/04/2014	19:13	2	2013-2014
?????	108	18/04/2014	19:15	156	05/06/2014	23:09	2	

Added by PiM, 2015.02.16: **Original File were edited to keep only data from 2013**

?????? 360 25/12/2012 17:33 108 18/04/2014 19:13 2 2013-2014

From the analysis of continuity in the .dat files, we get the following order in the raw data:

(NOT CHECKED-ASSUME LIKE IN 2013) For All Files: Code, DayOfYear, HH:MM, LC6, LC1e, LC4, LC2a, **12\_1, 12\_2, LC7**, Battery (once a day)

Note:

> PiM 2013.12.06: **CHECKED! 2min Data in *Kopi\_av\_trykk\_29nov002.dat* are from 2013.** But Data from **164 (04:19) to 204 (19:35)** are **Duplicates** of *trykk\_17sep001.dat*.

> PiM 2013.12.06: The values between *Kopi\_av\_trykk\_29nov002.dat* & *Engabreen\_trykk\_dec03\_new.dat* show quite a **JUMP**.

**Update 2015.02.16:** The same one day shift than in 2012 may occur in 2013. **The downloaded files with timestamps like *trykk\_17sep002.dat* do not match the last date of the file: 16/09/2013.** In 2012, the datalogger clock was reset wrongly because of for leap years, the day of the year are different. **The data timestamp must be corrected by: +1day and the correction MUST BE APPLIED TO ALL DATA IN 2013.**

DUPLICATES								
????	1	01/01/2014	00:01	107	17/04/2014	327	2	
????	320	15/11/2012	17:25	320	15/11/2012	20:11	2	
Duplicate IN ?????								

2015

EXAMPLE OF PAGE LAYOUT - **Should ONLY consider files in GREEN**

	Day start	Date start	Time start	Day end	Date end	Time end	Data interval [min]	
?????		1 01/01/2013	00:01	108	18/04/2015	19:13	2	2013-2014
?????		108 18/04/2015	19:15	156	05/06/2015	23:09	2	

Added by PiM, 2015.02.16: **Original File were edited to keep only data from 2013**

?????? 360 25/12/2012 17:33 108 18/04/2015 19:13 2 **2013-2014**

From the analysis of continuity in the .dat files, we get the following order in the raw data:

(NOT CHECKED-ASSUME LIKE IN 2013) For All Files: Code, DayOfYear, HH:MM, LC6, LC1e, LC4, LC2a, **12\_1, 12\_2, LC7**, Battery (once a day)

Note:

> PiM 2013.12.06: **CHECKED! 2min Data in *Kopi\_av\_trykk\_29nov002.dat* are from 2013.** But Data from **164 (04:19) to 204 (19:35)** are **Duplicates** of *trykk\_17sep001.dat*.

> PiM 2013.12.06: The values between *Kopi\_av\_trykk\_29nov002.dat* & *Engabreen\_trykk\_dec03\_new.dat* show quite a **JUMP**.

**Update 2015.02.16:** The same one day shift than in 2012 may occur in 2013. **The downloaded files with timestamps like *trykk\_17sep002.dat* do not match the last date of the file: 16/09/2013.** In 2012, the datalogger clock was reset wrongly because of for leap years, the day of the year are different. **The data timestamp must be corrected by: +1day and the correction MUST BE APPLIED TO ALL DATA IN 2013.**

DUPLICATES								
????	1	01/01/2015	00:01	107	17/04/2015	327	2	
????	320	15/11/2012	17:25	320	15/11/2012	20:11	2	
Duplicate IN ?????								