	Master		Slave
1	**Normalize** SND_NKE(A=primary address)	->	
		<-	**Acknowledge** CON_SCC
2	**Request for user data** REQ_UD2(C=7Bh, A=primary address)	->	
	If more records in next telegram then continue at step 3	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)
3	**Request for user data** REQ_UD2(C=5Bh, A=primary address)	->	
	If more records in next telegram then continue at step 2	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)

Read data with secondary addressing

	Master		Slave
1	**Normalize** SND_NKE(A=253)	->	
			The slaves don't answer.
2	**Selection of slave** SND_UD(C=73h | 53h, A=253, identification number, manufacturer id, ...)	->	
	You must select only one slave.	<-	**Acknowledge** CON_SCC
3	**Request for user data** REQ_UD2(C=7Bh, A=253)	->	
	If more records in next telegram then continue at step 4	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)
4	**Request for user data** REQ_UD2(C=5Bh, A=253)	->	
	If more records in next telegram then continue at step 3	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)

Change parameters with primary addressing

	Master		Slave
1	**Normalize** SND_NKE(A=primary address)	->	
		<-	**Acknowledge** CON_SCC
2	**Stuctured write** SND_UD(C=73h, A=primary address, any combination of parameters supported by 531)	->	
		<-	**Acknowledge** CON_SCC
3	**Request for user data** REQ_UD2(C=7Bh, A=primary address)	->	
	Check for M-Bus application error in Status field.	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)

Change parameters with secondary addressing

	Master		Slave
1	**Normalize** SND_NKE(A=253)	->	
			The slaves don't answer.
2	**Selection of slave** SND_UD(C=73h | 53h, A=253, identification number, manufacturer id, ...)	->	
		<-	**Acknowledge** CON_SCC
3	**Stuctured write** SND_UD(C=73h, A=253, any combination of parameters supported by 531)	->	
		<-	**Acknowledge** CON_SCC
4	**Request for user data** REQ_UD2(C=7Bh, A=253)	->	
	Check for M-Bus application error in Status field.	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)

Change baudrate with primary addressing

	Master		Slave
1	**Normalize** SND_NKE(A=primary address)	->	
		<-	**Acknowledge** CON_SCC
2	**Set baurate** SND_UD(C=73h, A=primary address, CI=B8h | BBh | BCh | BDh)	->	
		<-	**Acknowledge** CON_SCC
	From here, you can use the new baudrate		
3	**Request for user data** REQ_UD2(C=7Bh, A=primary address)	->	
	Check for M-Bus application error in Status field. *If you don't have a response, repeat step 3 with the old baudrate.*	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)

Notes

1 The fields Start, Length, Check Sum and Stop (6 bytes) are not included in the calculation of the Length field.
The Length field in **repeated twice** preceded and followed by the Start field 68h.

2 The value of Check Sum is calculated from arithmetical sum modulo 256 of each byte of the frame except the fields: Start, Length (if any), Check Sum and Stop.

Key

Optional record

ch ASCII character

co co Physical unit coding of complementary counter :

FD 3A	1 without unit
03	0.001 kWh
04	0.01 kWh
05	0.1 kWh
06	1 kWh
07	10 kWh
87 77	100 kWh
0E	1 MJ
0F	10 MJ
8F 77	100 MJ
80 3D	1 Btu
13	0.001 m3
14	0.01 m3
15	0.1 m3
16	1 m3
93 3D	1 Usgallon

ci ci Physical unit coding of average of complementary counter :

FF 22	unit/h
2B	W
2E	m3/h

en en	Physical unit coding of energy :	
	03	0.001 kWh
	04	0.01 kWh
	05	0.1 kWh
	06	1 kWh
	07	10 kWh
	87 77	100 kWh
	0E	1 MJ
	0F	10 MJ
	8F 77	100 MJ
	80 3D	1 Btu
er er	Detailed errors	
	bit0	temperature sensor 1 (temporary error)
	bit1	temperature sensor 2 (temporary error)
	bit2	error flow
	bit3	eeprom MET access fault
	bit4	eeprom MIO access fault
	bit5	blank or invalide eeprom
	bit6	AD error
	bit7	hardware error
	bit8	Supply fault
	bit9	Option 1 error
	bit10	Option 2 error
	bit11	A1 error
	bit12	A2 error
	bit13	-
	bit14	-
	bit15	-

hh	VIF for tariff limit		
		AB	Power
		CE	Flow
		DB	Temp. High
		DF	Temp. Low
		E3	Delta Temp
		ED	Date/Time
		FD 98	Error mask
ii	Index input		
		01	Input A1
		02	Input A2
		03	Input A3
		04	Input A4
		05	Input A5
		06	Input A6
jj	DIF for tariff limit		
		85	Power or Flow or Delta Temp or Temp high or Temp low
		84	Date/Time
Le	Length of ASCII character string		
		0..15	
md	Mesured media		
		04	Heat (return)
		0C	Heat (flow)
		0D	Heat and cooling

mm	Unit	25h	[min]
		26h	[h]
		27h	[day]
		28h	[month]
		29h	[year]
mo	More records in next telegram :		
		0F	no
		1F	yes
o1 o2 o3 o4	Present options		
	o1:	(BIT0)	A1_enable
		(BIT1)	A2_enable
		(BIT2)	A3_enable
		(BIT3)	A4_enable
		(BIT4)	A5_enable
		(BIT5)	A6_enable
		(BIT6)	reserved
		(BIT7)	reserved
	o2:	(BIT0)	B1_enable
		(BIT1)	B2_enable
		(BIT2)	B3_enable
		(BIT3)	B4_enable
		(BIT4)	B5_enable
		(BIT5)	B6_enable
		(BIT6)	reserved
		(BIT7)	reserved

	o3:	(BIT0)	ST1_present
		(BIT1)	ST2_present
		(BIT2)	ST3_present
		(BIT3)	ST4_present
		(BIT4)	ST5_present
		(BIT5)	reserved
		(BIT6)	reserved
		(BIT7)	reserved
	o4:	(BIT0)	tariff1_enable
		(BIT1)	tariff2_enable
		(BIT2)	reserved
		(BIT3)	reserved
		(BIT4)	reserved
		(BIT5)	reserved
		(BIT6)	reserved
		(BIT7)	reserved

oo	Unit time maximum			data
	asynchro	26h	[h]	xx xx
	synchro	27h	[day]	00 01
	synchro	28h	[month]	00 01
	synchro	29h	[year]	00 01

pt	PT type	00	PT 100
		01	PT 500
		02	PT 1000

ss	N° frame		
		0..107	N° frame
		255	All frames
ti	Type input		
		0	Disable
		1	pulse
		2	state
		3	user
to	Type output		
		0	Disable
		1	Energie_0 pulse
		2	Energie_1 pulse
		3	Energie_2 pulse
		4	Volume_0 pulse
		5	Volume_1 pulse
		6	Volume_2 pulse
		7	A1 pulses
		8	A2_pulses
		9	(A3_pulses)
		10	(A4_pulses)
		11	(A5_pulses)
		12	(A6_pulses)
		100	Power state
		101	Flow state
		102	Temp High state
		103	Temp Low state
		104	DT state

tt	Type tariff			
	bit[4..0]	0	Disable	
		1	Power	
		2	Flow	
		3	Temp. High	
		4	Temp. Low	
		5	Delta T	
		6	(Avg A1)	
		7	(Avg A2)	
		8	(Avg A3)	not yet used
		9	(Avg A4)	not yet used
		10	(Avg A5)	not yet used
		11	(Avg A6)	not yet used
		12..15	Free	not yet used
		16	Date/Time	not yet used
		17..31	Free	
	bit [5]	0	Normal	
		1	Double limit	
	bit [6]	0	Normal	
		1	Synchronized with other tariff	
	bit [7]	Reserved		

ua Physical unit coding of complementary counter :

00	Without unit
01	0.001 kWh
02	0.01 kWh
03	0.1 kWh
04	1 kWh
05	0.001 MWh
06	0.01 MWh
07	0.1 MWh
08	1 MJ
09	0.001GJ
0A	0.01 GJ
0B	0.1 GJ
0C	1 Btu
0D	0.001 m3
0E	0.01 m3
0F	0.1 m3
10	1 m3
11	1 USgallon

ue Physical unit coding of energy :

00	0.001 kWh
01	0.01 kWh
02	0.1 kWh
03	1 kWh
04	0.001 MWh
05	0.01 MWh
06	0.1 MWh
07	1 MJ
08	0.001GJ
09	0.01 GJ
0A	0.1 GJ
0B	1 Btu

uv — Physical unit coding of volume :

00	0.001 m3
01	0.01 m3
02	0.1 m3
03	1 m3
04	1 USgallon

vo vo — Physical unit coding of volume :

13	0.001 m3
14	0.01 m3
15	0.1 m3
16	1 m3
93 3D	1 Usgallon

vv — Unit time average

			data
asynchro	25h	[min]	xx xx
synchro	26h	[h]	00 01
synchro	27h	[day]	00 01
synchro	28h	[month]	00 01

wp — Device write protect

00	write protect disable
01	write protect enable

ww — Physical unit coding of complementary counter :

00	1 without unit
01	0.001 kWh
02	0.01 kWh
03	0.1 kWh
04	1 kWh
05	0.001 MWh
06	0.01 MWh
07	0.1 MWh
08	1 MJ
09	0.001 GJ
0A	0.01 GJ
0B	0.1 GJ
0C	1 Btu
0D	0.001 m3
0E	0.01 m3
0F	0.1 m3
10	1 m3
11	1 USgallon

xx — Value LSByte first

yy — Value MSByte first

Codes Manufacturer Specific : SONTEX

FF 01	Energy remainder
FF 02	Volume remainder
FF 03	Authentification Code
FF 04	Write protection
FF 05	Days without energy
FF 06	Days without volume
FF 07	PT type
FF 08	Index telegram MBUS
FF 09	Telegram selection
FF 0A	Telegram deselection
FF 0B	Type tariff
FF 0C	Type input
FF 0D	Type output
FF 0E	Input Aux Unit
FF 20	Unit/second
FF 21	Unit/minute
FF 22	Unit/hour
FF 23	Unit/day

STATUS

bit 0,1	00	No error
	01	busy
	10	Application error
	11	Reserved
bit 2	1	low supply
bit 3	1	Permanent error
bit 4	1	Temporary error
bit 5	1	531 Measure error
bit 6	1	531 Hardware error
bit 7	1	531 Module error

Normalize SND_NKE (master to slave)

	Field	Frame bytes in hex	Bytes	
Short Frame	Start	10	1	
	Control	40	1	Initialisation of slave, normalize, SND_NKE
	Address	xx	1	
	Check Sum	xx	1	See Note 2
	Stop	16	1	

Frame size 5 bytes

Acknowledge CON_SCC (slave to master)

	Field	Frame bytes in hex	Bytes	
		E5	1	Acknowledge

Frame size 1 bytes

Request for user data REQ_UD2 (master to slave)

	Field	Frame bytes in hex	Bytes	
Short Frame	Start	10	1	
	Control	7B|5B	1	Request for class 2 data, REQ_UD2
	Address	xx	1	
	Check Sum	xx	1	See Note 2
	Stop	16	1	

Frame size 5 bytes

Set baudrate SND_UD (master to slave)

	Field	Frame bytes in hex	Bytes	
Long Frame	Start, Length	#NOM?	4	See Note 1
	Control	53|73	1	Send user data to slave, SND_UD
	Address	xx	1	
	Control Information	B8|BB|BC|BD	1	Baudrate switching : B8h: 300 baud; BBh: 2400 baud; BCh: 4800 baud; BDh: 9600 baud
	Check Sum	xx	1	See Note 2
	Stop	16	1	

Frame size 9 bytes
Length Field 3 bytes

Selection of slaves SND_UD (master to slave)

	Field	Frame bytes in hex	Bytes	
Header	Start, Length	#NOM?	4	See Note 1
	Control	73|53	1	Send user data to slave, SND_UD
	Address	FD	1	
	Control Information	52	1	Selection of slaves (mode 0: LSByte first)
User Data Records			0	*Coding*
	Identification number	xx xx xx xx	4	A, 32 bits
	Manufacturer ID	xx xx	2	C, 16 bits
	Generation of meter	xx	1	C, 8 bits
	Measured media	xx	1	D, 8 bits
End	Check Sum	xx	1	See Note 2
	Stop	16	1	

Frame size 17 bytes
Length Field 11 bytes

Stuctured write SND_UD (master to slave)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	68,xx xx,68	4	See Note 1					
	Control	73|53	1	Send user data to slave, SND_UD					
	Address	xx	1						
	Control Information	51	1	Stuctured write telegram (mode 0: LSByte first)					
User Data Records			0	*Coding*	*Functio*	*Storag*	*Tariff*	*Devic*	*Value Info*
	M-Bus address	01,7A,xx	3	C, 8 bits					Primary M-Bus address
	Current date & time	04,6D,xx xx xx xx	6	F, 32 bits					Time point; date & time
	Runings hours	03,22,xx xx xx	5	B, 24 bits					Runings hours
	ID number	0C,79,xx xx xx xx	6	A, 32 bits					ID number BCD
	Index Telegram	01,FF 08,xx	4	C, 8 bits					Index telegram after a normalize
	Selection Telegram	01,FF 09,ss	4	C, 8 bits					Select a frame in a RSP_UD
	Deselection Telegram	01,FF 0A,ss	4	C, 8 bits					Deselect a frame in RSP_UD
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Frame size 41 bytes
Length Field 35 bytes

VIF must be same as rsp_ud; initialise all stored values

Application Reset (master to slave)

	Field	Frame bytes in hex	Bytes	
Header	Start, Length	#NOM?	4	See Note 1
	Control	73|53	1	Send user data to slave, SND_UD
	Address	xx	1	
	Control Information	50	1	Application reset
End	Check Sum	xx	1	See Note 2
	Stop	16	1	

Frame size 9 bytes
Length Field 3 bytes

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes	
Header	Start, Length	"68,"LL","LL",68"	4	See Note 1
	Control	08	1	Respond with user data, RSP_UD
	Address	xx	1	
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)
User Data Header			0	*Coding*
	Identification number	xx xx xx xx	4	A, 32 bits
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits
	Generation of meter	0D	1	C, 8 bits
	Measured media: Heat	04	1	D, 8 bits
	Access number	xx	1	C, 8 bits
	Status	xx	1	Ds, 8 bits
	Signature (not used)	00 00	2	C, 16 bits
User Data Records			0	*Coding* *Fun* *Sto* *Tar* *Dev* *Value Info*
	USER CUSTOM M-Bus (Only frames values with "§" could be introduced in this frame)			
	More records in next telegram	mo	1	Special function: start of manufacturer specific data
End	Check Sum	xx	1	See Note 2
	Stop	16	1	

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	§	Detailed errors	02,FD 17,er er	5	D, 16 bits		0	0	0	Error flags, device type specific
	§	Current error duration	34,75,xx xx xx xx	6	B, 32 bits	Err	0	0	0	Current error duration [min]
	§	Current date & time	04,6D,xx xx xx xx	6	F, 32 bits		0	0	0	Time point; date & time
	§	Energy totalizer heating	04,en en,xx xx xx xx	7	B, 32 bits		0	0	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	§	Volume totalizer	04,vo vo,xx xx xx xx	7	B, 32 bits		0	0	0	Volume; 0.001, 0.01 m3
	§	Energy totalizer tarif 1	84 10,en en,xx xx xx xx	8	B, 32 bits		0	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	§	Volume totalizer tarif 1	84 10,vo vo,xx xx xx xx	8	B, 32 bits		0	1	0	Volume; 0.001, 0.01 m3
	§	Energy totalizer tarif 2	84 20,en en,xx xx xx xx	8	B, 32 bits		0	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	§	Volume totalizer tarif 2	84 20,vo vo,xx xx xx xx	8	B, 32 bits		0	2	0	Volume; 0.001, 0.01 m3
	§	Identification number 1	8C 40,79,xx xx xx xx	7	A, 32 bits		0	0	1	Identification number 1, BCD
	§	Complementary counter 1 totalizer	84 40,co co,xx xx xx xx	8	B, 32 bits		0	0	1	Counter 1 ;
	§	Identification number 2	8C 80 40,79,xx xx xx xx	8	A, 32 bits		0	0	2	Identification number 2, BCD
	§	Complementary counter 2 totalizer	84 80 40,co co,xx xx xx xx	9	B, 32 bits		0	0	2	Counter 2 ;
		Identification number 3	8C C0 40,79,xx xx xx xx	8	A, 32 bits		0	0	3	Identification number 3, BCD
		Complementary counter 3 totalizer	84 C0 40,co co,xx xx xx xx	9	B, 32 bits		0	0	3	Counter 3 ;
		Identification number 4	8C 80 80 40,79,xx xx xx xx	9	A, 32 bits		0	0	4	Identification number 4, BCD
		Complementary counter 4 totalizer	84 80 80 40,co co,xx xx xx xx	10	B, 32 bits		0	0	4	Counter 4 ;
		Identification number 5	8C C0 80 40,79,xx xx xx xx	9	A, 32 bits		0	0	5	Identification number 5, BCD
		Complementary counter 5 totalizer	84 C0 80 40,co co,xx xx xx xx	10	B, 32 bits		0	0	5	Counter 5 ;
		Identification number 6	8C 80 C0 40,79,xx xx xx xx	9	A, 32 bits		0	0	6	Identification number 6, BCD
		Complementary counter 6 totalizer	84 80 C0 40,co co,xx xx xx xx	10	B, 32 bits		0	0	6	Counter 6 ;
		USER CUSTOM M-Bus	**Depends on user requested fields**	§	can be enabled or not (but not unavailable in a radio frame)					
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1	§ max. 61 bytes					

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Stora*	*Tar*	*Dev*	*Value Info*
	§	High temperature	05,5B,xx xx xx xx	6	H, 32 bits		0	0	0	Flow temperature; 1 °C
	§	Low temperature	05,5F,xx xx xx xx	6	H, 32 bits		0	0	0	Return temperature; 1 °C
	§	Flow	05,3E,xx xx xx xx	6	H, 32 bits		0	0	0	Volume flow; 1 m3/h
	§	Power	05,2B,xx xx xx xx	6	H, 32 bits		0	0	0	Power; 1 W
		Pt type	01,FF 07,pt	4	C, 8 bits		0	0	0	Manufacturer specific; PT type
	§	Pulse Factor	05,96 28,xx xx xx xx	7	H, 32 bits		0	0	0	Pulse factor ; m3/pulse
		Energy remainder	05,FF 01,xx xx xx xx	7	H, 32 bits		0	0	0	Manufacturer specific, Energy remainder; same unit as Energy tot.
		Volume remainder	05,FF 02,xx xx xx xx	7	H, 32 bits		0	0	0	Manufacturer specific, Volume remainder; same unit as Volume tot.
		Device write protect	01,FF 04,wp	4	D, 8 bits		0	0	0	Manufacturer specific
	§	Internal version	01,FD 0F,xx	4	C, 8 bits		0	0	0	Other software version
	§	Hardware version	02,FD 0D,xx xx	5	C, 16 bits		0	0	0	Hardware version
	§	Runing hours	03,22,xx xx xx	5	B, 24 bits		0	0	0	ON time; hour
		Measure period	01,70,xx	3	C, 8 bits		0	0	0	Averaging duration; 1 s
		Measure period of averaged values	82 89 01,FD mm,xx xx	7	C, 16 bits		50	0	0	Storage interval; 1 min
		Measure period of maximum values	82 82 03,FD mm,xx xx	7	C, 16 bits		100	0	0	Storage interval; 1 h
		Date Mens.	02,EC 7E,xx xx	5	G,16 bits		0	0	0	Storage mensual day; future date
		Set Day 1	C2 84 01,EC 7E,xx xx	7	G,16 bits		41	0	0	Set day 1; future date
		Set Day 2	82 85 01,EC 7E,xx xx	7	G,16 bits		42	0	0	Set day 2; future date
		Set Day 3	C2 85 01,EC 7E,xx xx	7	G,16 bits		43	0	0	Set day 3; future date
		Set Day 4	82 86 01,EC 7E,xx xx	7	G,16 bits		44	0	0	Set day 4; future date
		Set Day 5	C2 86 01,EC 7E,xx xx	7	G,16 bits		45	0	0	Set day 5; future date
		Type tariff 1	81 10,FF 0B,tt	5	G,16 bits		0	1	0	Type tariff 1
		Limit low tariff 1	jj 10,hh 40,xx xx xx xx	8	F|H,32 bits		0	1	0	Limit low tariff 1
		Limit high tariff 1	jj 10,hh 48,xx xx xx xx	8	F|H,32 bits		0	1	0	Limit high tariff 1
		Type tariff 2	81 20,FF 0B,tt	5	G,16 bits		0	2	0	Type tariff 2
		Limit low tariff 2	jj 20,hh 40,xx xx xx xx	8	F|H,32 bits		0	2	0	Limit1 tariff 2
		Limit high tariff 2	jj 20,hh 48,xx xx xx xx	8	F|H,32 bits		0	2	0	Limit2 tariff 2
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	§	Fabrication Number MET	0C,78,xx xx xx xx	6	A, 32 bits		0	0	0	Fabrication Number BCD
		Model MET	0D,FD 0C,Le ch ch ch ch ch ch ch ch ch ch ch ch ch ch	19	ASCII String		0	0	0	Model
	§	Days without energy	02,FF 05,xx xx	5	C, 16 bits		0	0	0	Manufacturer specific; Days without energy; days
	§	Days without flow	02,FF 06,xx xx	5	C, 16 bits		0	0	0	Manufacturer specific; Days without volume; days
		Type output1	81 C0 80 80 40,FF 0D,to	8	C, 8 bits		0	0	9	Manufacturer specific
		Type output2	81 80 C0 80 40,FF 0D,to	8	C, 8 bits		0	0	10	Manufacturer specific
		Type output3	81 C0 C0 80 40,FF 0D,to	8	C, 8 bits		0	0	11	Manufacturer specific
		Type output4	81 80 80 C0 40,FF 0D,to	8	C, 8 bits		0	0	12	Manufacturer specific
		Type output5	81 C0 80 C0 40,FF 0D,to	8	C, 8 bits		0	0	13	Manufacturer specific
		Type output6	81 80 C0 C0 40,FF 0D,to	8	C, 8 bits		0	0	14	Manufacturer specific
		Complementary output 1 pulse factor	85 C0 80 80 40,FD BA 2A,xx xx xx xx	12	H, 32 bits		0	0	9	Pulse factor output1 Unit / pulse
		Complementary output 2 pulse factor	85 80 C0 80 40,FD BA 2A,xx xx xx xx	12	H, 32 bits		0	0	10	Pulse factor output2 Unit / pulse
		Complementary output 3 pulse factor	85 C0 C0 80 40,FD BA 2A,xx xx xx xx	12	H, 32 bits		0	0	11	Pulse factor output3 Unit / pulse
		Complementary output 4 pulse factor	85 80 80 C0 40,FD BA 2A,xx xx xx xx	12	H, 32 bits		0	0	12	Pulse factor output4 Unit / pulse
		Complementary output 5 pulse factor	85 C0 80 C0 40,FD BA 2A,xx xx xx xx	12	H, 32 bits		0	0	13	Pulse factor output5 Unit / pulse
		Complementary output 6 pulse factor	85 80 C0 C0 40,FD BA 2A,xx xx xx xx	12	H, 32 bits		0	0	14	Pulse factor output6 Unit / pulse
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	§	Fabrication Number MIO	8C C0 C0 40,78,xx xx xx xx	9	A, 32 bits		0	0	7	Fabrication Number BCD
		Model MIO	8D C0 C0 40,FD 0C,Le ch ch ch ch ch ch ch ch ch ch ch ch ch ch ch ch	22	ASCII String		0	0	7	Model
		Type input 1	81 40,FF 0C,ti	5	C, 8 bits		0	0	1	Manufacturer specific
		Type input 2	81 80 40,FF 0C,ti	6	C, 8 bits		0	0	2	Manufacturer specific
		Type input 3	81 C0 40,FF 0C,ti	6	C, 8 bits		0	0	3	Manufacturer specific
		Type input 4	81 80 80 40,FF 0C,ti	7	C, 8 bits		0	0	4	Manufacturer specific
		Type input 5	81 C0 80 40,FF 0C,ti	7	C, 8 bits		0	0	5	Manufacturer specific
		Type input 6	81 80 C0 40,FF 0C,ti	7	C, 8 bits		0	0	6	Manufacturer specific
		Complementary counter 1 pulse factor	85 40,FD BA 28,xx xx xx xx	9	H, 32 bits		0	0	1	Pulse factor counter 1 Unit/pulse
		Measured media counter 1	81 40,FD 09,xx	5	D, 8 bits		0	0	1	Measured media counter 1
		Complementary counter 2 pulse factor	85 80 40,FD BA 28,xx xx xx xx	10	H, 32 bits		0	0	2	Pulse factor counter 2 Unit/pulse
		Measured media counter 2	81 80 40,FD 09,xx	6	D, 8 bits		0	0	2	Measured media counter 2
		Complementary counter 3 pulse factor	85 C0 40,FD BA 28,xx xx xx xx	10	H, 32 bits		0	0	3	Pulse factor counter 3 Unit/pulse
		Measured media counter 3	81 C0 40,FD 09,xx	6	D, 8 bits		0	0	3	Measured media counter 3
		Complementary counter 4 pulse factor	85 80 80 40,FD BA 28,xx xx xx xx	11	H, 32 bits		0	0	4	Pulse factor counter 4 Unit/pulse
		Measured media counter 4	81 80 80 40,FD 09,xx	7	D, 8 bits		0	0	4	Measured media counter 4
		Complementary counter 5 pulse factor	85 C0 80 40,FD BA 28,xx xx xx xx	11	H, 32 bits		0	0	5	Pulse factor counter 5 Unit/pulse
		Measured media counter 5	81 C0 80 40,FD 09,xx	7	D, 8 bits		0	0	5	Measured media counter 5
		Complementary counter 6 pulse factor	85 80 C0 40,FD BA 28,xx xx xx xx	11	H, 32 bits		0	0	6	Pulse factor counter 6 Unit/pulse
		Measured media counter 6	81 80 C0 40,FD 09,xx	7	D, 8 bits		0	0	6	Measured media counter 6
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Energy totalizer stored at ST 1	C4 84 01,en en,xx xx xx xx	9	B, 32 bits		41	0	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer stored at ST 1	C4 84 01,vo vo,xx xx xx xx	9	B, 32 bits		41	0	0	Volume; 0.001, 0.01 m3
	Energy totalizer 1 stored at ST 1	C4 94 01,en en,xx xx xx xx	9	B, 32 bits		41	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 1 stored at ST 1	C4 94 01,vo vo,xx xx xx xx	9	B, 32 bits		41	1	0	Volume; 0.001, 0.01 m3
	Energy totalizer 2 stored at ST 1	C4 A4 01,en en,xx xx xx xx	9	B, 32 bits		41	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 2 stored at ST 1	C4 A4 01,vo vo,xx xx xx xx	9	B, 32 bits		41	2	0	Volume; 0.001, 0.01 m3
	Complementary counter 1 totalizer stored at ST 1	C4 C4 01,co co,xx xx xx xx	9	B, 32 bits		41	0	1	
	Complementary counter 2 totalizer stored at ST 1	C4 84 41,co co,xx xx xx xx	9	B, 32 bits		41	0	2	
	Complementary counter 3 totalizer stored at ST 1	C4 C4 41,co co,xx xx xx xx	9	B, 32 bits		41	0	3	
	Complementary counter 4 totalizer stored at ST 1	C4 84 81 40,co co,xx xx xx xx	10	B, 32 bits		41	0	4	
	Complementary counter 5 totalizer stored at ST 1	C4 C4 81 40,co co,xx xx xx xx	10	B, 32 bits		41	0	5	
	Complementary counter 6 totalizer stored at ST 1	C4 84 C1 40,co co,xx xx xx xx	10	B, 32 bits		41	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Energy totalizer stored at ST 2	84 85 01,en en,xx xx xx xx	9	B, 32 bits		42	0	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer stored at ST 2	84 85 01,vo vo,xx xx xx xx	9	B, 32 bits		42	0	0	Volume; 0.001, 0.01 m3
	Energy totalizer 1 stored at ST 2	84 95 01,en en,xx xx xx xx	9	B, 32 bits		42	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 1 stored at ST 2	84 95 01,vo vo,xx xx xx xx	9	B, 32 bits		42	1	0	Volume; 0.001, 0.01 m3
	Energy totalizer 2 stored at ST 2	84 A5 01,en en,xx xx xx xx	9	B, 32 bits		42	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 2 stored at ST 2	84 A5 01,vo vo,xx xx xx xx	9	B, 32 bits		42	2	0	Volume; 0.001, 0.01 m3
	Complementary counter 1 totalizer stored at ST 2	84 C5 01,co co,xx xx xx xx	9	B, 32 bits		42	0	1	
	Complementary counter 2 totalizer stored at ST 2	84 85 41,co co,xx xx xx xx	9	B, 32 bits		42	0	2	
	Complementary counter 3 totalizer stored at ST 2	84 C5 41,co co,xx xx xx xx	9	B, 32 bits		42	0	3	
	Complementary counter 4 totalizer stored at ST 2	84 85 81 40,co co,xx xx xx xx	10	B, 32 bits		42	0	4	
	Complementary counter 5 totalizer stored at ST 2	84 C5 81 40,co co,xx xx xx xx	10	B, 32 bits		42	0	5	
	Complementary counter 6 totalizer stored at ST 2	84 85 C1 40,co co,xx xx xx xx	10	B, 32 bits		42	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Energy totalizer stored at ST 3	C4 85 01,en en,xx xx xx xx	9	B, 32 bits		43	0	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer stored at ST 3	C4 85 01,vo vo,xx xx xx xx	9	B, 32 bits		43	0	0	Volume; 0.001, 0.01 m3
	Energy totalizer 1 stored at ST 3	C4 95 01,en en,xx xx xx xx	9	B, 32 bits		43	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 1 stored at ST 3	C4 95 01,vo vo,xx xx xx xx	9	B, 32 bits		43	1	0	Volume; 0.001, 0.01 m3
	Energy totalizer 2 stored at ST 3	C4 A5 01,en en,xx xx xx xx	9	B, 32 bits		43	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 2 stored at ST 3	C4 A5 01,vo vo,xx xx xx xx	9	B, 32 bits		43	2	0	Volume; 0.001, 0.01 m3
	Complementary counter 1 totalizer stored at ST 3	C4 C5 01,co co,xx xx xx xx	9	B, 32 bits		43	0	1	
	Complementary counter 2 totalizer stored at ST 3	C4 85 41,co co,xx xx xx xx	9	B, 32 bits		43	0	2	
	Complementary counter 3 totalizer stored at ST 3	C4 C5 41,co co,xx xx xx xx	9	B, 32 bits		43	0	3	
	Complementary counter 4 totalizer stored at ST 3	C4 85 81 40,co co,xx xx xx xx	10	B, 32 bits		43	0	4	
	Complementary counter 5 totalizer stored at ST 3	C4 C5 81 40,co co,xx xx xx xx	10	B, 32 bits		43	0	5	
	Complementary counter 6 totalizer stored at ST 3	C4 85 C1 40,co co,xx xx xx xx	10	B, 32 bits		43	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Energy totalizer stored at ST 4	84 86 01,en en,xx xx xx xx	9	B, 32 bits		44	0	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer stored at ST 4	84 86 01,vo vo,xx xx xx xx	9	B, 32 bits		44	0	0	Volume; 0.001, 0.01 m3
	Energy totalizer 1 stored at ST 4	84 96 01,en en,xx xx xx xx	9	B, 32 bits		44	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 1 stored at ST 4	84 96 01,vo vo,xx xx xx xx	9	B, 32 bits		44	1	0	Volume; 0.001, 0.01 m3
	Energy totalizer 2 stored at ST 4	84 A6 01,en en,xx xx xx xx	9	B, 32 bits		44	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 2 stored at ST 4	84 A6 01,vo vo,xx xx xx xx	9	B, 32 bits		44	2	0	Volume; 0.001, 0.01 m3
	Complementary counter 1 totalizer stored at ST 4	84 C6 01,co co,xx xx xx xx	9	B, 32 bits		44	0	1	
	Complementary counter 2 totalizer stored at ST 4	84 86 41,co co,xx xx xx xx	9	B, 32 bits		44	0	2	
	Complementary counter 3 totalizer stored at ST 4	84 C6 41,co co,xx xx xx xx	9	B, 32 bits		44	0	3	
	Complementary counter 4 totalizer stored at ST 4	84 86 81 40,co co,xx xx xx xx	10	B, 32 bits		44	0	4	
	Complementary counter 5 totalizer stored at ST 4	84 C6 81 40,co co,xx xx xx xx	10	B, 32 bits		44	0	5	
	Complementary counter 6 totalizer stored at ST 4	84 86 C1 40,co co,xx xx xx xx	10	B, 32 bits		44	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Energy totalizer stored at ST 5	C4 86 01,en en,xx xx xx xx	9	B, 32 bits		45	0	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer stored at ST 5	C4 86 01,vo vo,xx xx xx xx	9	B, 32 bits		45	0	0	Volume; 0.001, 0.01 m3
	Energy totalizer 1 stored at ST 5	C4 96 01,en en,xx xx xx xx	9	B, 32 bits		45	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 1 stored at ST 5	C4 96 01,vo vo,xx xx xx xx	9	B, 32 bits		45	1	0	Volume; 0.001, 0.01 m3
	Energy totalizer 2 stored at ST 5	C4 A6 01,en en,xx xx xx xx	9	B, 32 bits		45	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 2 stored at ST 5	C4 A6 01,vo vo,xx xx xx xx	9	B, 32 bits		45	2	0	Volume; 0.001, 0.01 m3
	Complementary counter 1 totalizer stored at ST 5	C4 C6 01,co co,xx xx xx xx	9	B, 32 bits		45	0	1	
	Complementary counter 2 totalizer stored at ST 5	C4 86 41,co co,xx xx xx xx	9	B, 32 bits		45	0	2	
	Complementary counter 3 totalizer stored at ST 5	C4 C6 41,co co,xx xx xx xx	9	B, 32 bits		45	0	3	
	Complementary counter 4 totalizer stored at ST 5	C4 86 81 40,co co,xx xx xx xx	10	B, 32 bits		45	0	4	
	Complementary counter 5 totalizer stored at ST 5	C4 C6 81 40,co co,xx xx xx xx	10	B, 32 bits		45	0	5	
	Complementary counter 6 totalizer stored at ST 5	C4 86 C1 40,co co,xx xx xx xx	10	B, 32 bits		45	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	§	Energy stored at month - 1	C4 00,en en,xx xx xx xx	8	B, 32 bits		1	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 2	84 01,en en,xx xx xx xx	8	B, 32 bits		2	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 3	C4 01,en en,xx xx xx xx	8	B, 32 bits		3	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 4	84 02,en en,xx xx xx xx	8	B, 32 bits		4	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 5	C4 02,en en,xx xx xx xx	8	B, 32 bits		5	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 6	84 03,en en,xx xx xx xx	8	B, 32 bits		6	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 7	C4 03,en en,xx xx xx xx	8	B, 32 bits		7	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 8	84 04,en en,xx xx xx xx	8	B, 32 bits		8	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 9	C4 04,en en,xx xx xx xx	8	B, 32 bits		9	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 10	84 05,en en,xx xx xx xx	8	B, 32 bits		10	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 11	C4 05,en en,xx xx xx xx	8	B, 32 bits		11	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 12	84 06,en en,xx xx xx xx	8	B, 32 bits		12	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 13	C4 06,en en,xx xx xx xx	8	B, 32 bits		13	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 14	84 07,en en,xx xx xx xx	8	B, 32 bits		14	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 15	C4 07,en en,xx xx xx xx	8	B, 32 bits		15	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		Energy stored at month - 16	84 08,en en,xx xx xx xx	8	B, 32 bits		16	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Energy stored at month - 17	C4 08,en en,xx xx xx xx	8	B, 32 bits		17	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 18	84 09,en en,xx xx xx xx	8	B, 32 bits		18	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 19	C4 09,en en,xx xx xx xx	8	B, 32 bits		19	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 20	84 0A,en en,xx xx xx xx	8	B, 32 bits		20	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 21	C4 0A,en en,xx xx xx xx	8	B, 32 bits		21	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 22	84 0B,en en,xx xx xx xx	8	B, 32 bits		22	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 23	C4 0B,en en,xx xx xx xx	8	B, 32 bits		23	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 24	84 0C,en en,xx xx xx xx	8	B, 32 bits		24	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 25	C4 0C,en en,xx xx xx xx	8	B, 32 bits		25	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 26	84 0D,en en,xx xx xx xx	8	B, 32 bits		26	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 27	C4 0D,en en,xx xx xx xx	8	B, 32 bits		27	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 28	84 0E,en en,xx xx xx xx	8	B, 32 bits		28	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 29	C4 0E,en en,xx xx xx xx	8	B, 32 bits		29	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 30	84 0F,en en,xx xx xx xx	8	B, 32 bits		30	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 31	C4 0F,en en,xx xx xx xx	8	B, 32 bits		31	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 32	84 80 01,en en,xx xx xx xx	9	B, 32 bits		32	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	§	Volume totalizer stored at month - 1	C4 00,vo vo,xx xx xx xx	8	B, 32 bits		1	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 2	84 01,vo vo,xx xx xx xx	8	B, 32 bits		2	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 3	C4 01,vo vo,xx xx xx xx	8	B, 32 bits		3	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 4	84 02,vo vo,xx xx xx xx	8	B, 32 bits		4	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 5	C4 02,vo vo,xx xx xx xx	8	B, 32 bits		5	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 6	84 03,vo vo,xx xx xx xx	8	B, 32 bits		6	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 7	C4 03,vo vo,xx xx xx xx	8	B, 32 bits		7	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 8	84 04,vo vo,xx xx xx xx	8	B, 32 bits		8	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 9	C4 04,vo vo,xx xx xx xx	8	B, 32 bits		9	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 10	84 05,vo vo,xx xx xx xx	8	B, 32 bits		10	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 11	C4 05,vo vo,xx xx xx xx	8	B, 32 bits		11	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 12	84 06,vo vo,xx xx xx xx	8	B, 32 bits		12	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 13	C4 06,vo vo,xx xx xx xx	8	B, 32 bits		13	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 14	84 07,vo vo,xx xx xx xx	8	B, 32 bits		14	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 15	C4 07,vo vo,xx xx xx xx	8	B, 32 bits		15	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 16	84 08,vo vo,xx xx xx xx	8	B, 32 bits		16	0	0	Volume; 0.001, 0.01 m3
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Volume totalizer stored at month - 17	C4 08,vo vo,xx xx xx xx	8	B, 32 bits		17	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 18	84 09,vo vo,xx xx xx xx	8	B, 32 bits		18	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 19	C4 0A,vo vo,xx xx xx xx	8	B, 32 bits		19	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 20	84 0A,vo vo,xx xx xx xx	8	B, 32 bits		20	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 21	C4 0B,vo vo,xx xx xx xx	8	B, 32 bits		21	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 22	84 0B,vo vo,xx xx xx xx	8	B, 32 bits		22	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 23	C4 0C,vo vo,xx xx xx xx	8	B, 32 bits		23	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 24	84 0C,vo vo,xx xx xx xx	8	B, 32 bits		24	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 25	C4 0D,vo vo,xx xx xx xx	8	B, 32 bits		25	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 26	84 0D,vo vo,xx xx xx xx	8	B, 32 bits		26	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 27	C4 0E,vo vo,xx xx xx xx	8	B, 32 bits		27	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 28	84 0E,vo vo,xx xx xx xx	8	B, 32 bits		28	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 29	C4 0F,vo vo,xx xx xx xx	8	B, 32 bits		29	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 30	84 0F,vo vo,xx xx xx xx	8	B, 32 bits		30	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 31	C4 0F,vo vo,xx xx xx xx	8	B, 32 bits		31	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 32	84 80 01,vo vo,xx xx xx xx	9	B, 32 bits		32	0	0	Volume; 0.001, 0.01 m3
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	§	Energy totalizer 1 stored at month - 1	C4 10,en en,xx xx xx xx	8	B, 32 bits		1	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 2	84 11,en en,xx xx xx xx	8	B, 32 bits		2	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 3	C4 11,en en,xx xx xx xx	8	B, 32 bits		3	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 4	84 12,en en,xx xx xx xx	8	B, 32 bits		4	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 5	C4 12,en en,xx xx xx xx	8	B, 32 bits		5	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 6	84 13,en en,xx xx xx xx	8	B, 32 bits		6	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 7	C4 13,en en,xx xx xx xx	8	B, 32 bits		7	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 8	84 14,en en,xx xx xx xx	8	B, 32 bits		8	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 9	C4 14,en en,xx xx xx xx	8	B, 32 bits		9	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 10	84 15,en en,xx xx xx xx	8	B, 32 bits		10	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 11	C4 15,en en,xx xx xx xx	8	B, 32 bits		11	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 12	84 16,en en,xx xx xx xx	8	B, 32 bits		12	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 13	C4 16,en en,xx xx xx xx	8	B, 32 bits		13	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 14	84 17,en en,xx xx xx xx	8	B, 32 bits		14	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 15	C4 17,en en,xx xx xx xx	8	B, 32 bits		15	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 16	84 18,en en,xx xx xx xx	8	B, 32 bits		16	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Energy totalizer 1 stored at month - 17	C4 18,en en,xx xx xx xx	8	B, 32 bits		17	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 18	84 19,en en,xx xx xx xx	8	B, 32 bits		18	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 19	C4 19,en en,xx xx xx xx	8	B, 32 bits		19	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 20	84 1A,en en,xx xx xx xx	8	B, 32 bits		20	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 21	C4 1A,en en,xx xx xx xx	8	B, 32 bits		21	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 22	84 1B,en en,xx xx xx xx	8	B, 32 bits		22	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 23	C4 1B,en en,xx xx xx xx	8	B, 32 bits		23	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 24	84 1C,en en,xx xx xx xx	8	B, 32 bits		24	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 25	C4 1C,en en,xx xx xx xx	8	B, 32 bits		25	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 26	84 1D,en en,xx xx xx xx	8	B, 32 bits		26	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 27	C4 1D,en en,xx xx xx xx	8	B, 32 bits		27	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 28	84 1E,en en,xx xx xx xx	8	B, 32 bits		28	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 29	C4 1E,en en,xx xx xx xx	8	B, 32 bits		29	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 30	84 1F,en en,xx xx xx xx	8	B, 32 bits		30	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 31	C4 1F,en en,xx xx xx xx	8	B, 32 bits		31	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 32	C4 90 01,en en,xx xx xx xx	9	B, 32 bits		32	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	§	Volume totalizer 1 stored at month - 1	C4 10,vo vo,xx xx xx xx	8	B, 32 bits		1	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 2	84 11,vo vo,xx xx xx xx	8	B, 32 bits		2	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 3	C4 11,vo vo,xx xx xx xx	8	B, 32 bits		3	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 4	84 12,vo vo,xx xx xx xx	8	B, 32 bits		4	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 5	C4 12,vo vo,xx xx xx xx	8	B, 32 bits		5	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 6	84 13,vo vo,xx xx xx xx	8	B, 32 bits		6	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 7	C4 13,vo vo,xx xx xx xx	8	B, 32 bits		7	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 8	84 14,vo vo,xx xx xx xx	8	B, 32 bits		8	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 9	C4 14,vo vo,xx xx xx xx	8	B, 32 bits		9	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 10	84 15,vo vo,xx xx xx xx	8	B, 32 bits		10	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 11	C4 15,vo vo,xx xx xx xx	8	B, 32 bits		11	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 12	84 16,vo vo,xx xx xx xx	8	B, 32 bits		12	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 13	C4 16,vo vo,xx xx xx xx	8	B, 32 bits		13	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 14	84 17,vo vo,xx xx xx xx	8	B, 32 bits		14	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 15	C4 17,vo vo,xx xx xx xx	8	B, 32 bits		15	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 16	84 18,vo vo,xx xx xx xx	8	B, 32 bits		16	1	0	Volume; 0.001, 0.01 m3
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Volume totalizer 1 stored at month - 17	C4 18,vo vo,xx xx xx xx	8	B, 32 bits		17	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 18	84 19,vo vo,xx xx xx xx	8	B, 32 bits		18	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 19	C4 19,vo vo,xx xx xx xx	8	B, 32 bits		19	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 20	84 1A,vo vo,xx xx xx xx	8	B, 32 bits		20	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 21	C4 1A,vo vo,xx xx xx xx	8	B, 32 bits		21	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 22	84 1B,vo vo,xx xx xx xx	8	B, 32 bits		22	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 23	C4 1B,vo vo,xx xx xx xx	8	B, 32 bits		23	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 24	84 1C,vo vo,xx xx xx xx	8	B, 32 bits		24	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 25	C4 1C,vo vo,xx xx xx xx	8	B, 32 bits		25	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 26	84 1D,vo vo,xx xx xx xx	8	B, 32 bits		26	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 27	C4 1D,vo vo,xx xx xx xx	8	B, 32 bits		27	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 28	84 1E,vo vo,xx xx xx xx	8	B, 32 bits		28	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 29	C4 1E,vo vo,xx xx xx xx	8	B, 32 bits		29	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 30	84 1F,vo vo,xx xx xx xx	8	B, 32 bits		30	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 31	C4 1F,vo vo,xx xx xx xx	8	B, 32 bits		31	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 32	C4 90 01,vo vo,xx xx xx xx	9	B, 32 bits		32	1	0	Volume; 0.001, 0.01 m3
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	§	Energy totalizer 2 stored at month - 1	C4 20,en en,xx xx xx xx	8	B, 32 bits		1	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 2	84 21,en en,xx xx xx xx	8	B, 32 bits		2	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 3	C4 21,en en,xx xx xx xx	8	B, 32 bits		3	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 4	84 22,en en,xx xx xx xx	8	B, 32 bits		4	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 5	C4 22,en en,xx xx xx xx	8	B, 32 bits		5	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 6	84 23,en en,xx xx xx xx	8	B, 32 bits		6	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 7	C4 23,en en,xx xx xx xx	8	B, 32 bits		7	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 8	84 24,en en,xx xx xx xx	8	B, 32 bits		8	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 9	C4 24,en en,xx xx xx xx	8	B, 32 bits		9	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 10	84 25,en en,xx xx xx xx	8	B, 32 bits		10	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 11	C4 25,en en,xx xx xx xx	8	B, 32 bits		11	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 12	84 26,en en,xx xx xx xx	8	B, 32 bits		12	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 13	C4 26,en en,xx xx xx xx	8	B, 32 bits		13	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 14	84 27,en en,xx xx xx xx	8	B, 32 bits		14	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 15	C4 27,en en,xx xx xx xx	8	B, 32 bits		15	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 16	84 28,en en,xx xx xx xx	8	B, 32 bits		16	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Energy totalizer 2 stored at month - 17	C4 28,en en,xx xx xx xx	8	B, 32 bits		17	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 18	84 29,en en,xx xx xx xx	8	B, 32 bits		18	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 19	C4 29,en en,xx xx xx xx	8	B, 32 bits		19	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 20	84 2A,en en,xx xx xx xx	8	B, 32 bits		20	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 21	C4 2A,en en,xx xx xx xx	8	B, 32 bits		21	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 22	84 2B,en en,xx xx xx xx	8	B, 32 bits		22	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 23	C4 2B,en en,xx xx xx xx	8	B, 32 bits		23	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 24	84 2C,en en,xx xx xx xx	8	B, 32 bits		24	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 25	C4 2C,en en,xx xx xx xx	8	B, 32 bits		25	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 26	84 2D,en en,xx xx xx xx	8	B, 32 bits		26	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 27	C4 2D,en en,xx xx xx xx	8	B, 32 bits		27	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 28	84 2E,en en,xx xx xx xx	8	B, 32 bits		28	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 29	C4 2E,en en,xx xx xx xx	8	B, 32 bits		29	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 30	84 2F,en en,xx xx xx xx	8	B, 32 bits		30	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 31	C4 2F,en en,xx xx xx xx	8	B, 32 bits		31	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 32	C4 A0 01,en en,xx xx xx xx	9	B, 32 bits		32	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	§	Volume totalizer 2 stored at month - 1	C4 20,vo vo,xx xx xx xx	8	B, 32 bits		1	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 2	84 21,vo vo,xx xx xx xx	8	B, 32 bits		2	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 3	C4 21,vo vo,xx xx xx xx	8	B, 32 bits		3	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 4	84 22,vo vo,xx xx xx xx	8	B, 32 bits		4	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 5	C4 22,vo vo,xx xx xx xx	8	B, 32 bits		5	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 6	84 23,vo vo,xx xx xx xx	8	B, 32 bits		6	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 7	C4 23,vo vo,xx xx xx xx	8	B, 32 bits		7	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 8	84 24,vo vo,xx xx xx xx	8	B, 32 bits		8	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 9	C4 24,vo vo,xx xx xx xx	8	B, 32 bits		9	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 10	84 25,vo vo,xx xx xx xx	8	B, 32 bits		10	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 11	C4 25,vo vo,xx xx xx xx	8	B, 32 bits		11	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 12	84 26,vo vo,xx xx xx xx	8	B, 32 bits		12	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 13	C4 26,vo vo,xx xx xx xx	8	B, 32 bits		13	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 14	84 27,vo vo,xx xx xx xx	8	B, 32 bits		14	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 15	C4 27,vo vo,xx xx xx xx	8	B, 32 bits		15	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 16	84 28,vo vo,xx xx xx xx	8	B, 32 bits		16	2	0	Volume; 0.001, 0.01 m3
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Volume totalizer 2 stored at month - 17	C4 28,vo vo,xx xx xx xx	8	B, 32 bits		17	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 18	84 29,vo vo,xx xx xx xx	8	B, 32 bits		18	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 19	C4 29,vo vo,xx xx xx xx	8	B, 32 bits		19	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 20	84 2A,vo vo,xx xx xx xx	8	B, 32 bits		20	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 21	C4 2A,vo vo,xx xx xx xx	8	B, 32 bits		21	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 22	84 2B,vo vo,xx xx xx xx	8	B, 32 bits		22	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 23	C4 2B,vo vo,xx xx xx xx	8	B, 32 bits		23	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 24	84 2C,vo vo,xx xx xx xx	8	B, 32 bits		24	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 25	C4 2C,vo vo,xx xx xx xx	8	B, 32 bits		25	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 26	84 2D,vo vo,xx xx xx xx	8	B, 32 bits		26	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 27	C4 2D,vo vo,xx xx xx xx	8	B, 32 bits		27	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 28	84 2E,vo vo,xx xx xx xx	8	B, 32 bits		28	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 29	C4 2E,vo vo,xx xx xx xx	8	B, 32 bits		29	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 30	84 2F,vo vo,xx xx xx xx	8	B, 32 bits		30	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 31	C4 2F,vo vo,xx xx xx xx	8	B, 32 bits		31	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 32	84 A0 01,vo vo,xx xx xx xx	9	B, 32 bits		32	2	0	Volume; 0.001, 0.01 m3
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	§	Complementary counter 1 totalizer stored at month - 1	C4 40,co co,xx xx xx xx	8	B, 32 bits		1	0	1	
		Complementary counter 1 totalizer stored at month - 2	84 41,co co,xx xx xx xx	8	B, 32 bits		2	0	1	
		Complementary counter 1 totalizer stored at month - 3	C4 41,co co,xx xx xx xx	8	B, 32 bits		3	0	1	
		Complementary counter 1 totalizer stored at month - 4	84 42,co co,xx xx xx xx	8	B, 32 bits		4	0	1	
		Complementary counter 1 totalizer stored at month - 5	C4 42,co co,xx xx xx xx	8	B, 32 bits		5	0	1	
		Complementary counter 1 totalizer stored at month - 6	84 43,co co,xx xx xx xx	8	B, 32 bits		6	0	1	
		Complementary counter 1 totalizer stored at month - 7	C4 43,co co,xx xx xx xx	8	B, 32 bits		7	0	1	
		Complementary counter 1 totalizer stored at month - 8	84 44,co co,xx xx xx xx	8	B, 32 bits		8	0	1	
		Complementary counter 1 totalizer stored at month - 9	C4 44,co co,xx xx xx xx	8	B, 32 bits		9	0	1	
		Complementary counter 1 totalizer stored at month - 10	84 45,co co,xx xx xx xx	8	B, 32 bits		10	0	1	
		Complementary counter 1 totalizer stored at month - 11	C4 45,co co,xx xx xx xx	8	B, 32 bits		11	0	1	
		Complementary counter 1 totalizer stored at month - 12	84 46,co co,xx xx xx xx	8	B, 32 bits		12	0	1	
		Complementary counter 1 totalizer stored at month - 13	C4 46,co co,xx xx xx xx	8	B, 32 bits		13	0	1	
		Complementary counter 1 totalizer stored at month - 14	84 47,co co,xx xx xx xx	8	B, 32 bits		14	0	1	
		Complementary counter 1 totalizer stored at month - 15	C4 47,co co,xx xx xx xx	8	B, 32 bits		15	0	1	
		Complementary counter 1 totalizer stored at month - 16	84 48,co co,xx xx xx xx	8	B, 32 bits		16	0	1	
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 1 totalizer stored at month - 17	C4 48,co co,xx xx xx xx	8	B, 32 bits		17	0	1	
	Complementary counter 1 totalizer stored at month - 18	84 49,co co,xx xx xx xx	8	B, 32 bits		18	0	1	
	Complementary counter 1 totalizer stored at month - 19	C4 49,co co,xx xx xx xx	8	B, 32 bits		19	0	1	
	Complementary counter 1 totalizer stored at month - 20	84 4A,co co,xx xx xx xx	8	B, 32 bits		20	0	1	
	Complementary counter 1 totalizer stored at month - 21	C4 4A,co co,xx xx xx xx	8	B, 32 bits		21	0	1	
	Complementary counter 1 totalizer stored at month - 22	84 4B,co co,xx xx xx xx	8	B, 32 bits		22	0	1	
	Complementary counter 1 totalizer stored at month - 23	C4 4B,co co,xx xx xx xx	8	B, 32 bits		23	0	1	
	Complementary counter 1 totalizer stored at month - 24	84 4C,co co,xx xx xx xx	8	B, 32 bits		24	0	1	
	Complementary counter 1 totalizer stored at month - 25	C4 4C,co co,xx xx xx xx	8	B, 32 bits		25	0	1	
	Complementary counter 1 totalizer stored at month - 26	84 4D,co co,xx xx xx xx	8	B, 32 bits		26	0	1	
	Complementary counter 1 totalizer stored at month - 27	C4 4D,co co,xx xx xx xx	8	B, 32 bits		27	0	1	
	Complementary counter 1 totalizer stored at month - 28	84 4E,co co,xx xx xx xx	8	B, 32 bits		28	0	1	
	Complementary counter 1 totalizer stored at month - 29	C4 4E,co co,xx xx xx xx	8	B, 32 bits		29	0	1	
	Complementary counter 1 totalizer stored at month - 30	84 4F,co co,xx xx xx xx	8	B, 32 bits		30	0	1	
	Complementary counter 1 totalizer stored at month - 31	C4 4F,co co,xx xx xx xx	8	B, 32 bits		31	0	1	
	Complementary counter 1 totalizer stored at month - 32	84 C0 01,co co,xx xx xx xx	9	B, 32 bits		32	0	1	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	§	Complementary counter 2 totalizer stored at month - 1	C4 80 40,co co,xx xx xx xx	9	B, 32 bits		1	0	2	
		Complementary counter 2 totalizer stored at month - 2	84 81 40,co co,xx xx xx xx	9	B, 32 bits		2	0	2	
		Complementary counter 2 totalizer stored at month - 3	C4 81 40,co co,xx xx xx xx	9	B, 32 bits		3	0	2	
		Complementary counter 2 totalizer stored at month - 4	84 82 40,co co,xx xx xx xx	9	B, 32 bits		4	0	2	
		Complementary counter 2 totalizer stored at month - 5	C4 82 40,co co,xx xx xx xx	9	B, 32 bits		5	0	2	
		Complementary counter 2 totalizer stored at month - 6	84 83 40,co co,xx xx xx xx	9	B, 32 bits		6	0	2	
		Complementary counter 2 totalizer stored at month - 7	C4 83 40,co co,xx xx xx xx	9	B, 32 bits		7	0	2	
		Complementary counter 2 totalizer stored at month - 8	84 84 40,co co,xx xx xx xx	9	B, 32 bits		8	0	2	
		Complementary counter 2 totalizer stored at month - 9	C4 84 40,co co,xx xx xx xx	9	B, 32 bits		9	0	2	
		Complementary counter 2 totalizer stored at month - 10	84 85 40,co co,xx xx xx xx	9	B, 32 bits		10	0	2	
		Complementary counter 2 totalizer stored at month - 11	C4 85 40,co co,xx xx xx xx	9	B, 32 bits		11	0	2	
		Complementary counter 2 totalizer stored at month - 12	84 86 40,co co,xx xx xx xx	9	B, 32 bits		12	0	2	
		Complementary counter 2 totalizer stored at month - 13	C4 86 40,co co,xx xx xx xx	9	B, 32 bits		13	0	2	
		Complementary counter 2 totalizer stored at month - 14	84 87 40,co co,xx xx xx xx	9	B, 32 bits		14	0	2	
		Complementary counter 2 totalizer stored at month - 15	C4 87 40,co co,xx xx xx xx	9	B, 32 bits		15	0	2	
		Complementary counter 2 totalizer stored at month - 16	84 88 40,co co,xx xx xx xx	9	B, 32 bits		16	0	2	
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 2 totalizer stored at month - 17	C4 88 40,co co,xx xx xx xx	9	B, 32 bits		17	0	2	
	Complementary counter 2 totalizer stored at month - 18	84 89 40,co co,xx xx xx xx	9	B, 32 bits		18	0	2	
	Complementary counter 2 totalizer stored at month - 19	C4 89 40,co co,xx xx xx xx	9	B, 32 bits		19	0	2	
	Complementary counter 2 totalizer stored at month - 20	84 8A 40,co co,xx xx xx xx	9	B, 32 bits		20	0	2	
	Complementary counter 2 totalizer stored at month - 21	C4 8A 40,co co,xx xx xx xx	9	B, 32 bits		21	0	2	
	Complementary counter 2 totalizer stored at month - 22	84 8B 40,co co,xx xx xx xx	9	B, 32 bits		22	0	2	
	Complementary counter 2 totalizer stored at month - 23	C4 8B 40,co co,xx xx xx xx	9	B, 32 bits		23	0	2	
	Complementary counter 2 totalizer stored at month - 24	84 8C 40,co co,xx xx xx xx	9	B, 32 bits		24	0	2	
	Complementary counter 2 totalizer stored at month - 25	C4 8C 40,co co,xx xx xx xx	9	B, 32 bits		25	0	2	
	Complementary counter 2 totalizer stored at month - 26	84 8D 40,co co,xx xx xx xx	9	B, 32 bits		26	0	2	
	Complementary counter 2 totalizer stored at month - 27	C4 8D 40,co co,xx xx xx xx	9	B, 32 bits		27	0	2	
	Complementary counter 2 totalizer stored at month - 28	84 8E 40,co co,xx xx xx xx	9	B, 32 bits		28	0	2	
	Complementary counter 2 totalizer stored at month - 29	C4 8E 40,co co,xx xx xx xx	9	B, 32 bits		29	0	2	
	Complementary counter 2 totalizer stored at month - 30	84 8F 40,co co,xx xx xx xx	9	B, 32 bits		30	0	2	
	Complementary counter 2 totalizer stored at month - 31	C4 8F 40,co co,xx xx xx xx	9	B, 32 bits		31	0	2	
	Complementary counter 2 totalizer stored at month - 32	84 80 41,co co,xx xx xx xx	9	B, 32 bits		32	0	2	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 totalizer stored at month - 1	C4 C0 40,co co,xx xx xx xx	9	B, 32 bits		1	0	3	
	Complementary counter 3 totalizer stored at month - 2	84 C1 40,co co,xx xx xx xx	9	B, 32 bits		2	0	3	
	Complementary counter 3 totalizer stored at month - 3	C4 C1 40,co co,xx xx xx xx	9	B, 32 bits		3	0	3	
	Complementary counter 3 totalizer stored at month - 4	84 C2 40,co co,xx xx xx xx	9	B, 32 bits		4	0	3	
	Complementary counter 3 totalizer stored at month - 5	C4 C2 40,co co,xx xx xx xx	9	B, 32 bits		5	0	3	
	Complementary counter 3 totalizer stored at month - 6	84 C3 40,co co,xx xx xx xx	9	B, 32 bits		6	0	3	
	Complementary counter 3 totalizer stored at month - 7	C4 C3 40,co co,xx xx xx xx	9	B, 32 bits		7	0	3	
	Complementary counter 3 totalizer stored at month - 8	84 C4 40,co co,xx xx xx xx	9	B, 32 bits		8	0	3	
	Complementary counter 3 totalizer stored at month - 9	C4 C4 40,co co,xx xx xx xx	9	B, 32 bits		9	0	3	
	Complementary counter 3 totalizer stored at month - 10	84 C5 40,co co,xx xx xx xx	9	B, 32 bits		10	0	3	
	Complementary counter 3 totalizer stored at month - 11	C4 C5 40,co co,xx xx xx xx	9	B, 32 bits		11	0	3	
	Complementary counter 3 totalizer stored at month - 12	84 C6 40,co co,xx xx xx xx	9	B, 32 bits		12	0	3	
	Complementary counter 3 totalizer stored at month - 13	C4 C6 40,co co,xx xx xx xx	9	B, 32 bits		13	0	3	
	Complementary counter 3 totalizer stored at month - 14	84 C7 40,co co,xx xx xx xx	9	B, 32 bits		14	0	3	
	Complementary counter 3 totalizer stored at month - 15	C4 C7 40,co co,xx xx xx xx	9	B, 32 bits		15	0	3	
	Complementary counter 3 totalizer stored at month - 16	84 C8 40,co co,xx xx xx xx	9	B, 32 bits		16	0	3	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 totalizer stored at month - 17	C4 C8 40,co co,xx xx xx xx	9	B, 32 bits		17	0	3	
	Complementary counter 3 totalizer stored at month - 18	84 C9 40,co co,xx xx xx xx	9	B, 32 bits		18	0	3	
	Complementary counter 3 totalizer stored at month - 19	C4 C9 40,co co,xx xx xx xx	9	B, 32 bits		19	0	3	
	Complementary counter 3 totalizer stored at month - 20	84 CA 40,co co,xx xx xx xx	9	B, 32 bits		20	0	3	
	Complementary counter 3 totalizer stored at month - 21	C4 CA 40,co co,xx xx xx xx	9	B, 32 bits		21	0	3	
	Complementary counter 3 totalizer stored at month - 22	84 CB 40,co co,xx xx xx xx	9	B, 32 bits		22	0	3	
	Complementary counter 3 totalizer stored at month - 23	C4 CB 40,co co,xx xx xx xx	9	B, 32 bits		23	0	3	
	Complementary counter 3 totalizer stored at month - 24	84 CC 40,co co,xx xx xx xx	9	B, 32 bits		24	0	3	
	Complementary counter 3 totalizer stored at month - 25	C4 CC 40,co co,xx xx xx xx	9	B, 32 bits		25	0	3	
	Complementary counter 3 totalizer stored at month - 26	84 CD 40,co co,xx xx xx xx	9	B, 32 bits		26	0	3	
	Complementary counter 3 totalizer stored at month - 27	C4 CD 40,co co,xx xx xx xx	9	B, 32 bits		27	0	3	
	Complementary counter 3 totalizer stored at month - 28	84 CE 40,co co,xx xx xx xx	9	B, 32 bits		28	0	3	
	Complementary counter 3 totalizer stored at month - 29	C4 CE 40,co co,xx xx xx xx	9	B, 32 bits		29	0	3	
	Complementary counter 3 totalizer stored at month - 30	84 CF 40,co co,xx xx xx xx	9	B, 32 bits		30	0	3	
	Complementary counter 3 totalizer stored at month - 31	C4 CF 40,co co,xx xx xx xx	9	B, 32 bits		31	0	3	
	Complementary counter 3 totalizer stored at month - 32	84 C0 41,co co,xx xx xx xx	9	B, 32 bits		32	0	3	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 4 totalizer stored at month - 1	C4 80 80 40,co co,xx xx xx xx	10	B, 32 bits		1	0	4	
	Complementary counter 4 totalizer stored at month - 2	84 81 80 40,co co,xx xx xx xx	10	B, 32 bits		2	0	4	
	Complementary counter 4 totalizer stored at month - 3	C4 81 80 40,co co,xx xx xx xx	10	B, 32 bits		3	0	4	
	Complementary counter 4 totalizer stored at month - 4	84 82 80 40,co co,xx xx xx xx	10	B, 32 bits		4	0	4	
	Complementary counter 4 totalizer stored at month - 5	C4 82 80 40,co co,xx xx xx xx	10	B, 32 bits		5	0	4	
	Complementary counter 4 totalizer stored at month - 6	84 83 80 40,co co,xx xx xx xx	10	B, 32 bits		6	0	4	
	Complementary counter 4 totalizer stored at month - 7	C4 83 80 40,co co,xx xx xx xx	10	B, 32 bits		7	0	4	
	Complementary counter 4 totalizer stored at month - 8	84 84 80 40,co co,xx xx xx xx	10	B, 32 bits		8	0	4	
	Complementary counter 4 totalizer stored at month - 9	C4 84 80 40,co co,xx xx xx xx	10	B, 32 bits		9	0	4	
	Complementary counter 4 totalizer stored at month - 10	84 85 80 40,co co,xx xx xx xx	10	B, 32 bits		10	0	4	
	Complementary counter 4 totalizer stored at month - 11	C4 85 80 40,co co,xx xx xx xx	10	B, 32 bits		11	0	4	
	Complementary counter 4 totalizer stored at month - 12	84 86 80 40,co co,xx xx xx xx	10	B, 32 bits		12	0	4	
	Complementary counter 4 totalizer stored at month - 13	C4 86 80 40,co co,xx xx xx xx	10	B, 32 bits		13	0	4	
	Complementary counter 4 totalizer stored at month - 14	84 87 80 40,co co,xx xx xx xx	10	B, 32 bits		14	0	4	
	Complementary counter 4 totalizer stored at month - 15	C4 87 80 40,co co,xx xx xx xx	10	B, 32 bits		15	0	4	
	Complementary counter 4 totalizer stored at month - 16	84 88 80 40,co co,xx xx xx xx	10	B, 32 bits		16	0	4	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 4 totalizer stored at month - 17	C4 88 80 40,co co,xx xx xx xx	10	B, 32 bits		17	0	4	
	Complementary counter 4 totalizer stored at month - 18	84 89 80 40,co co,xx xx xx xx	10	B, 32 bits		18	0	4	
	Complementary counter 4 totalizer stored at month - 19	C4 89 80 40,co co,xx xx xx xx	10	B, 32 bits		19	0	4	
	Complementary counter 4 totalizer stored at month - 20	84 8A 80 40,co co,xx xx xx xx	10	B, 32 bits		20	0	4	
	Complementary counter 4 totalizer stored at month - 21	C4 8A 80 40,co co,xx xx xx xx	10	B, 32 bits		21	0	4	
	Complementary counter 4 totalizer stored at month - 22	84 8B 80 40,co co,xx xx xx xx	10	B, 32 bits		22	0	4	
	Complementary counter 4 totalizer stored at month - 23	C4 8B 80 40,co co,xx xx xx xx	10	B, 32 bits		23	0	4	
	Complementary counter 4 totalizer stored at month - 24	84 8C 80 40,co co,xx xx xx xx	10	B, 32 bits		24	0	4	
	Complementary counter 4 totalizer stored at month - 25	C4 8C 80 40,co co,xx xx xx xx	10	B, 32 bits		25	0	4	
	Complementary counter 4 totalizer stored at month - 26	84 8D 80 40,co co,xx xx xx xx	10	B, 32 bits		26	0	4	
	Complementary counter 4 totalizer stored at month - 27	C4 8D 80 40,co co,xx xx xx xx	10	B, 32 bits		27	0	4	
	Complementary counter 4 totalizer stored at month - 28	84 8E 80 40,co co,xx xx xx xx	10	B, 32 bits		28	0	4	
	Complementary counter 4 totalizer stored at month - 29	C4 8E 80 40,co co,xx xx xx xx	10	B, 32 bits		29	0	4	
	Complementary counter 4 totalizer stored at month - 30	84 8F 80 40,co co,xx xx xx xx	10	B, 32 bits		30	0	4	
	Complementary counter 4 totalizer stored at month - 31	C4 8F 80 40,co co,xx xx xx xx	10	B, 32 bits		31	0	4	
	Complementary counter 4 totalizer stored at month - 32	84 80 80 41,co co,xx xx xx xx	10	B, 32 bits		32	0	4	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 5 totalizer stored at month - 1	C4 C0 80 40,co co,xx xx xx xx	10	B, 32 bits		1	0	5	
	Complementary counter 5 totalizer stored at month - 2	84 C1 80 40,co co,xx xx xx xx	10	B, 32 bits		2	0	5	
	Complementary counter 5 totalizer stored at month - 3	C4 C1 80 40,co co,xx xx xx xx	10	B, 32 bits		3	0	5	
	Complementary counter 5 totalizer stored at month - 4	84 C2 80 40,co co,xx xx xx xx	10	B, 32 bits		4	0	5	
	Complementary counter 5 totalizer stored at month - 5	C4 C2 80 40,co co,xx xx xx xx	10	B, 32 bits		5	0	5	
	Complementary counter 5 totalizer stored at month - 6	84 C3 80 40,co co,xx xx xx xx	10	B, 32 bits		6	0	5	
	Complementary counter 5 totalizer stored at month - 7	C4 C3 80 40,co co,xx xx xx xx	10	B, 32 bits		7	0	5	
	Complementary counter 5 totalizer stored at month - 8	84 C4 80 40,co co,xx xx xx xx	10	B, 32 bits		8	0	5	
	Complementary counter 5 totalizer stored at month - 9	C4 C4 80 40,co co,xx xx xx xx	10	B, 32 bits		9	0	5	
	Complementary counter 5 totalizer stored at month - 10	84 C5 80 40,co co,xx xx xx xx	10	B, 32 bits		10	0	5	
	Complementary counter 5 totalizer stored at month - 11	C4 C5 80 40,co co,xx xx xx xx	10	B, 32 bits		11	0	5	
	Complementary counter 5 totalizer stored at month - 12	84 C6 80 40,co co,xx xx xx xx	10	B, 32 bits		12	0	5	
	Complementary counter 5 totalizer stored at month - 13	C4 C6 80 40,co co,xx xx xx xx	10	B, 32 bits		13	0	5	
	Complementary counter 5 totalizer stored at month - 14	84 C7 80 40,co co,xx xx xx xx	10	B, 32 bits		14	0	5	
	Complementary counter 5 totalizer stored at month - 15	C4 C7 80 40,co co,xx xx xx xx	10	B, 32 bits		15	0	5	
	Complementary counter 5 totalizer stored at month - 16	84 C8 80 40,co co,xx xx xx xx	10	B, 32 bits		16	0	5	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 5 totalizer stored at month - 17	C4 C8 80 40,co co,xx xx xx xx	10	B, 32 bits		17	0	5	
	Complementary counter 5 totalizer stored at month - 18	84 C9 80 40,co co,xx xx xx xx	10	B, 32 bits		18	0	5	
	Complementary counter 5 totalizer stored at month - 19	C4 C9 80 40,co co,xx xx xx xx	10	B, 32 bits		19	0	5	
	Complementary counter 5 totalizer stored at month - 20	84 CA 80 40,co co,xx xx xx xx	10	B, 32 bits		20	0	5	
	Complementary counter 5 totalizer stored at month - 21	C4 CA 80 40,co co,xx xx xx xx	10	B, 32 bits		21	0	5	
	Complementary counter 5 totalizer stored at month - 22	84 CB 80 40,co co,xx xx xx xx	10	B, 32 bits		22	0	5	
	Complementary counter 5 totalizer stored at month - 23	C4 CB 80 40,co co,xx xx xx xx	10	B, 32 bits		23	0	5	
	Complementary counter 5 totalizer stored at month - 24	84 CC 80 40,co co,xx xx xx xx	10	B, 32 bits		24	0	5	
	Complementary counter 5 totalizer stored at month - 25	C4 CC 80 40,co co,xx xx xx xx	10	B, 32 bits		25	0	5	
	Complementary counter 5 totalizer stored at month - 26	84 CD 80 40,co co,xx xx xx xx	10	B, 32 bits		26	0	5	
	Complementary counter 5 totalizer stored at month - 27	C4 CD 80 40,co co,xx xx xx xx	10	B, 32 bits		27	0	5	
	Complementary counter 5 totalizer stored at month - 28	84 CE 80 40,co co,xx xx xx xx	10	B, 32 bits		28	0	5	
	Complementary counter 5 totalizer stored at month - 29	C4 CE 80 40,co co,xx xx xx xx	10	B, 32 bits		29	0	5	
	Complementary counter 5 totalizer stored at month - 30	84 CF 80 40,co co,xx xx xx xx	10	B, 32 bits		30	0	5	
	Complementary counter 5 totalizer stored at month - 31	C4 CF 80 40,co co,xx xx xx xx	10	B, 32 bits		31	0	5	
	Complementary counter 5 totalizer stored at month - 32	84 C0 80 41,co co,xx xx xx xx	10	B, 32 bits		32	0	5	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 6 totalizer stored at month - 1	C4 80 C0 40,co co,xx xx xx xx	10	B, 32 bits		1	0	6	
	Complementary counter 6 totalizer stored at month - 2	84 81 C0 40,co co,xx xx xx xx	10	B, 32 bits		2	0	6	
	Complementary counter 6 totalizer stored at month - 3	C4 81 C0 40,co co,xx xx xx xx	10	B, 32 bits		3	0	6	
	Complementary counter 6 totalizer stored at month - 4	84 82 C0 40,co co,xx xx xx xx	10	B, 32 bits		4	0	6	
	Complementary counter 6 totalizer stored at month - 5	C4 82 C0 40,co co,xx xx xx xx	10	B, 32 bits		5	0	6	
	Complementary counter 6 totalizer stored at month - 6	84 83 C0 40,co co,xx xx xx xx	10	B, 32 bits		6	0	6	
	Complementary counter 6 totalizer stored at month - 7	C4 83 C0 40,co co,xx xx xx xx	10	B, 32 bits		7	0	6	
	Complementary counter 6 totalizer stored at month - 8	84 84 C0 40,co co,xx xx xx xx	10	B, 32 bits		8	0	6	
	Complementary counter 6 totalizer stored at month - 9	C4 84 C0 40,co co,xx xx xx xx	10	B, 32 bits		9	0	6	
	Complementary counter 6 totalizer stored at month - 10	84 85 C0 40,co co,xx xx xx xx	10	B, 32 bits		10	0	6	
	Complementary counter 6 totalizer stored at month - 11	C4 85 C0 40,co co,xx xx xx xx	10	B, 32 bits		11	0	6	
	Complementary counter 6 totalizer stored at month - 12	84 86 C0 40,co co,xx xx xx xx	10	B, 32 bits		12	0	6	
	Complementary counter 6 totalizer stored at month - 13	C4 86 C0 40,co co,xx xx xx xx	10	B, 32 bits		13	0	6	
	Complementary counter 6 totalizer stored at month - 14	84 87 C0 40,co co,xx xx xx xx	10	B, 32 bits		14	0	6	
	Complementary counter 6 totalizer stored at month - 15	C4 87 C0 40,co co,xx xx xx xx	10	B, 32 bits		15	0	6	
	Complementary counter 6 totalizer stored at month - 16	84 88 C0 40,co co,xx xx xx xx	10	B, 32 bits		16	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 6 totalizer stored at month - 17	C4 88 C0 40,co co,xx xx xx xx	10	B, 32 bits		17	0	6	
	Complementary counter 6 totalizer stored at month - 18	84 89 C0 40,co co,xx xx xx xx	10	B, 32 bits		18	0	6	
	Complementary counter 6 totalizer stored at month - 19	C4 89 C0 40,co co,xx xx xx xx	10	B, 32 bits		19	0	6	
	Complementary counter 6 totalizer stored at month - 20	84 8A C0 40,co co,xx xx xx xx	10	B, 32 bits		20	0	6	
	Complementary counter 6 totalizer stored at month - 21	C4 8A C0 40,co co,xx xx xx xx	10	B, 32 bits		21	0	6	
	Complementary counter 6 totalizer stored at month - 22	84 8B C0 40,co co,xx xx xx xx	10	B, 32 bits		22	0	6	
	Complementary counter 6 totalizer stored at month - 23	C4 8B C0 40,co co,xx xx xx xx	10	B, 32 bits		23	0	6	
	Complementary counter 6 totalizer stored at month - 24	84 8C C0 40,co co,xx xx xx xx	10	B, 32 bits		24	0	6	
	Complementary counter 6 totalizer stored at month - 25	C4 8C C0 40,co co,xx xx xx xx	10	B, 32 bits		25	0	6	
	Complementary counter 6 totalizer stored at month - 26	84 8D C0 40,co co,xx xx xx xx	10	B, 32 bits		26	0	6	
	Complementary counter 6 totalizer stored at month - 27	C4 8D C0 40,co co,xx xx xx xx	10	B, 32 bits		27	0	6	
	Complementary counter 6 totalizer stored at month - 28	84 8E C0 40,co co,xx xx xx xx	10	B, 32 bits		28	0	6	
	Complementary counter 6 totalizer stored at month - 29	C4 8E C0 40,co co,xx xx xx xx	10	B, 32 bits		29	0	6	
	Complementary counter 6 totalizer stored at month - 30	84 8F C0 40,co co,xx xx xx xx	10	B, 32 bits		30	0	6	
	Complementary counter 6 totalizer stored at month - 31	C4 8F C0 40,co co,xx xx xx xx	10	B, 32 bits		31	0	6	
	Complementary counter 6 totalizer stored at month - 32	84 80 C0 41,co co,xx xx xx xx	10	B, 32 bits		32	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tari*	*Dev*	*Value Info*
	Power average stored at - 1	C5 89 01,2B,xx xx xx xx	8	H, 32 bits	0	51	0	0	Power ; 1W
	Power average stored at - 2	85 8A 01,2B,xx xx xx xx	8	H, 32 bits	0	52	0	0	Power ; 1W
	Power average stored at - 3	C5 8A 01,2B,xx xx xx xx	8	H, 32 bits	0	53	0	0	Power ; 1W
	Power average stored at - 4	85 8B 01,2B,xx xx xx xx	8	H, 32 bits	0	54	0	0	Power ; 1W
	Power average stored at - 5	C5 8B 01,2B,xx xx xx xx	8	H, 32 bits	0	55	0	0	Power ; 1W
	Power average stored at - 6	85 8C 01,2B,xx xx xx xx	8	H, 32 bits	0	56	0	0	Power ; 1W
	Power average stored at - 7	C5 8C 01,2B,xx xx xx xx	8	H, 32 bits	0	57	0	0	Power ; 1W
	Power average stored at - 8	85 8D 01,2B,xx xx xx xx	8	H, 32 bits	0	58	0	0	Power ; 1W
	Power average stored at - 9	C5 8D 01,2B,xx xx xx xx	8	H, 32 bits	0	59	0	0	Power ; 1W
	Power average stored at - 10	85 8E 01,2B,xx xx xx xx	8	H, 32 bits	0	60	0	0	Power ; 1W
	Power average stored at - 11	C5 8E 01,2B,xx xx xx xx	8	H, 32 bits	0	61	0	0	Power ; 1W
	Power average stored at - 12	85 8F 01,2B,xx xx xx xx	8	H, 32 bits	0	62	0	0	Power ; 1W
	Power average stored at - 13	C5 8F 01,2B,xx xx xx xx	8	H, 32 bits	0	63	0	0	Power ; 1W
	Power average stored at - 14	85 80 02,2B,xx xx xx xx	8	H, 32 bits	0	64	0	0	Power ; 1W
	Power average stored at - 15	C5 80 02,2B,xx xx xx xx	8	H, 32 bits	0	65	0	0	Power ; 1W
	Power average stored at - 16	85 81 02,2B,xx xx xx xx	8	H, 32 bits	0	66	0	0	Power ; 1W
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Power average stored at - 17	C5 81 02,2B,xx xx xx xx	8	H, 32 bits	0	67	0	0	Power ; 1W
	Power average stored at - 18	85 82 02,2B,xx xx xx xx	8	H, 32 bits	0	68	0	0	Power ; 1W
	Power average stored at - 19	C5 82 02,2B,xx xx xx xx	8	H, 32 bits	0	69	0	0	Power ; 1W
	Power average stored at - 20	85 83 02,2B,xx xx xx xx	8	H, 32 bits	0	70	0	0	Power ; 1W
	Power average stored at - 21	C5 83 02,2B,xx xx xx xx	8	H, 32 bits	0	71	0	0	Power ; 1W
	Power average stored at - 22	85 84 02,2B,xx xx xx xx	8	H, 32 bits	0	72	0	0	Power ; 1W
	Power average stored at - 23	C5 84 02,2B,xx xx xx xx	8	H, 32 bits	0	73	0	0	Power ; 1W
	Power average stored at - 24	85 85 02,2B,xx xx xx xx	8	H, 32 bits	0	74	0	0	Power ; 1W
	Power average stored at - 25	C5 85 02,2B,xx xx xx xx	8	H, 32 bits	0	75	0	0	Power ; 1W
	Power average stored at - 26	85 86 02,2B,xx xx xx xx	8	H, 32 bits	0	76	0	0	Power ; 1W
	Power average stored at - 27	C5 86 02,2B,xx xx xx xx	8	H, 32 bits	0	77	0	0	Power ; 1W
	Power average stored at - 28	85 87 02,2B,xx xx xx xx	8	H, 32 bits	0	78	0	0	Power ; 1W
	Power average stored at - 29	C5 87 02,2B,xx xx xx xx	8	H, 32 bits	0	79	0	0	Power ; 1W
	Power average stored at - 30	85 88 02,2B,xx xx xx xx	8	H, 32 bits	0	80	0	0	Power ; 1W
	Power average stored at - 31	C5 88 02,2B,xx xx xx xx	8	H, 32 bits	0	81	0	0	Power ; 1W
	Power average stored at - 32	85 89 02,2B,xx xx xx xx	8	H, 32 bits	0	82	0	0	Power ; 1W
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Flow average stored at - 1	C5 89 01,3E,xx xx xx xx	8	H, 32 bits	0	51	0	0	
	Flow average stored at - 2	85 8A 01,3E,xx xx xx xx	8	H, 32 bits	0	52	0	0	
	Flow average stored at - 3	C5 8A 01,3E,xx xx xx xx	8	H, 32 bits	0	53	0	0	
	Flow average stored at - 4	85 8B 01,3E,xx xx xx xx	8	H, 32 bits	0	54	0	0	
	Flow average stored at - 5	C5 8B 01,3E,xx xx xx xx	8	H, 32 bits	0	55	0	0	
	Flow average stored at - 6	85 8C 01,3E,xx xx xx xx	8	H, 32 bits	0	56	0	0	
	Flow average stored at - 7	C5 8C 01,3E,xx xx xx xx	8	H, 32 bits	0	57	0	0	
	Flow average stored at - 8	85 8D 01,3E,xx xx xx xx	8	H, 32 bits	0	58	0	0	
	Flow average stored at - 9	C5 8D 01,3E,xx xx xx xx	8	H, 32 bits	0	59	0	0	
	Flow average stored at - 10	85 8E 01,3E,xx xx xx xx	8	H, 32 bits	0	60	0	0	
	Flow average stored at - 11	C5 8E 01,3E,xx xx xx xx	8	H, 32 bits	0	61	0	0	
	Flow average stored at - 12	85 8F 01,3E,xx xx xx xx	8	H, 32 bits	0	62	0	0	
	Flow average stored at - 13	C5 8F 01,3E,xx xx xx xx	8	H, 32 bits	0	63	0	0	
	Flow average stored at - 14	85 80 02,3E,xx xx xx xx	8	H, 32 bits	0	64	0	0	
	Flow average stored at - 15	C5 80 02,3E,xx xx xx xx	8	H, 32 bits	0	65	0	0	
	Flow average stored at - 16	85 81 02,3E,xx xx xx xx	8	H, 32 bits	0	66	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Flow average stored at - 17	C5 81 02,3E,xx xx xx xx	8	H, 32 bits	0	67	0	0	
	Flow average stored at - 18	85 82 02,3E,xx xx xx xx	8	H, 32 bits	0	68	0	0	
	Flow average stored at - 19	C5 82 02,3E,xx xx xx xx	8	H, 32 bits	0	69	0	0	
	Flow average stored at - 20	85 83 02,3E,xx xx xx xx	8	H, 32 bits	0	70	0	0	
	Flow average stored at - 21	C5 83 02,3E,xx xx xx xx	8	H, 32 bits	0	71	0	0	
	Flow average stored at - 22	85 84 02,3E,xx xx xx xx	8	H, 32 bits	0	72	0	0	
	Flow average stored at - 23	C5 84 02,3E,xx xx xx xx	8	H, 32 bits	0	73	0	0	
	Flow average stored at - 24	85 85 02,3E,xx xx xx xx	8	H, 32 bits	0	74	0	0	
	Flow average stored at - 25	C5 85 02,3E,xx xx xx xx	8	H, 32 bits	0	75	0	0	
	Flow average stored at - 26	85 86 02,3E,xx xx xx xx	8	H, 32 bits	0	76	0	0	
	Flow average stored at - 27	C5 86 02,3E,xx xx xx xx	8	H, 32 bits	0	77	0	0	
	Flow average stored at - 28	85 87 02,3E,xx xx xx xx	8	H, 32 bits	0	78	0	0	
	Flow average stored at - 29	C5 87 02,3E,xx xx xx xx	8	H, 32 bits	0	79	0	0	
	Flow average stored at - 30	85 88 02,3E,xx xx xx xx	8	H, 32 bits	0	80	0	0	
	Flow average stored at - 31	C5 88 02,3E,xx xx xx xx	8	H, 32 bits	0	81	0	0	
	Flow average stored at - 32	85 89 02,3E,xx xx xx xx	8	H, 32 bits	0	82	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes							
Header	Start, Length	#NOM?	4	See Note 1						
	Control	08	1	Respond with user data, RSP_UD						
	Address	xx	1							
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header			0	*Coding*						
	Identification number	xx xx xx xx	4	A, 32 bits						
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits						
	Generation of meter	0D	1	C, 8 bits						
	Measured media: Heat	04	1	D, 8 bits						
	Access number	xx	1	C, 8 bits						
	Status	xx	1	Ds, 8 bits						
	Signature (not used)	00 00	2	C, 16 bits						
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*	
	Temperature high average stored at - 1	C5 89 01,5B,xx xx xx xx	8	H, 32 bits	0	51	0	0		
	Temperature high average stored at - 2	85 8A 01,5B,xx xx xx xx	8	H, 32 bits	0	52	0	0		
	Temperature high average stored at - 3	C5 8A 01,5B,xx xx xx xx	8	H, 32 bits	0	53	0	0		
	Temperature high average stored at - 4	85 8B 01,5B,xx xx xx xx	8	H, 32 bits	0	54	0	0		
	Temperature high average stored at - 5	C5 8B 01,5B,xx xx xx xx	8	H, 32 bits	0	55	0	0		
	Temperature high average stored at - 6	85 8C 01,5B,xx xx xx xx	8	H, 32 bits	0	56	0	0		
	Temperature high average stored at - 7	C5 8C 01,5B,xx xx xx xx	8	H, 32 bits	0	57	0	0		
	Temperature high average stored at - 8	85 8D 01,5B,xx xx xx xx	8	H, 32 bits	0	58	0	0		
	Temperature high average stored at - 9	C5 8D 01,5B,xx xx xx xx	8	H, 32 bits	0	59	0	0		
	Temperature high average stored at - 10	85 8E 01,5B,xx xx xx xx	8	H, 32 bits	0	60	0	0		
	Temperature high average stored at - 11	C5 8E 01,5B,xx xx xx xx	8	H, 32 bits	0	61	0	0		
	Temperature high average stored at - 12	85 8F 01,5B,xx xx xx xx	8	H, 32 bits	0	62	0	0		
	Temperature high average stored at - 13	C5 8F 01,5B,xx xx xx xx	8	H, 32 bits	0	63	0	0		
	Temperature high average stored at - 14	85 80 02,5B,xx xx xx xx	8	H, 32 bits	0	64	0	0		
	Temperature high average stored at - 15	C5 80 02,5B,xx xx xx xx	8	H, 32 bits	0	65	0	0		
	Temperature high average stored at - 16	85 81 02,5B,xx xx xx xx	8	H, 32 bits	0	66	0	0		
	More records in next telegram	mo	1	Special function: start of manufacturer specific data						
End	Check Sum	xx	1	See Note 2						
	Stop	16	1							

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes							
Header	Start, Length	#NOM?	4	See Note 1						
	Control	08	1	Respond with user data, RSP_UD						
	Address	xx	1							
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header			0	*Coding*						
	Identification number	xx xx xx xx	4	A, 32 bits						
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits						
	Generation of meter	0D	1	C, 8 bits						
	Measured media: Heat	04	1	D, 8 bits						
	Access number	xx	1	C, 8 bits						
	Status	xx	1	Ds, 8 bits						
	Signature (not used)	00 00	2	C, 16 bits						
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*	
	Temperature high average stored at - 17	C5 81 02,5B,xx xx xx xx	8	H, 32 bits	0	67	0	0		
	Temperature high average stored at - 18	85 82 02,5B,xx xx xx xx	8	H, 32 bits	0	68	0	0		
	Temperature high average stored at - 19	C5 82 02,5B,xx xx xx xx	8	H, 32 bits	0	69	0	0		
	Temperature high average stored at - 20	85 83 02,5B,xx xx xx xx	8	H, 32 bits	0	70	0	0		
	Temperature high average stored at - 21	C5 83 02,5B,xx xx xx xx	8	H, 32 bits	0	71	0	0		
	Temperature high average stored at - 22	85 84 02,5B,xx xx xx xx	8	H, 32 bits	0	72	0	0		
	Temperature high average stored at - 23	C5 84 02,5B,xx xx xx xx	8	H, 32 bits	0	73	0	0		
	Temperature high average stored at - 24	85 85 02,5B,xx xx xx xx	8	H, 32 bits	0	74	0	0		
	Temperature high average stored at - 25	C5 85 02,5B,xx xx xx xx	8	H, 32 bits	0	75	0	0		
	Temperature high average stored at - 26	85 86 02,5B,xx xx xx xx	8	H, 32 bits	0	76	0	0		
	Temperature high average stored at - 27	C5 86 02,5B,xx xx xx xx	8	H, 32 bits	0	77	0	0		
	Temperature high average stored at - 28	85 87 02,5B,xx xx xx xx	8	H, 32 bits	0	78	0	0		
	Temperature high average stored at - 29	C5 87 02,5B,xx xx xx xx	8	H, 32 bits	0	79	0	0		
	Temperature high average stored at - 30	85 88 02,5B,xx xx xx xx	8	H, 32 bits	0	80	0	0		
	Temperature high average stored at - 31	C5 88 02,5B,xx xx xx xx	8	H, 32 bits	0	81	0	0		
	Temperature high average stored at - 32	85 89 02,5B,xx xx xx xx	8	H, 32 bits	0	82	0	0		
	More records in next telegram	mo	1	Special function: start of manufacturer specific data						
End	Check Sum	xx	1	See Note 2						
	Stop	16	1							

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Temperature low average stored at - 1	C5 89 01,5F,xx xx xx xx	8	H, 32 bits	0	51	0	0	
	Temperature low average stored at - 2	85 8A 01,5F,xx xx xx xx	8	H, 32 bits	0	52	0	0	
	Temperature low average stored at - 3	C5 8A 01,5F,xx xx xx xx	8	H, 32 bits	0	53	0	0	
	Temperature low average stored at - 4	85 8B 01,5F,xx xx xx xx	8	H, 32 bits	0	54	0	0	
	Temperature low average stored at - 5	C5 8B 01,5F,xx xx xx xx	8	H, 32 bits	0	55	0	0	
	Temperature low average stored at - 6	85 8C 01,5F,xx xx xx xx	8	H, 32 bits	0	56	0	0	
	Temperature low average stored at - 7	C5 8C 01,5F,xx xx xx xx	8	H, 32 bits	0	57	0	0	
	Temperature low average stored at - 8	85 8D 01,5F,xx xx xx xx	8	H, 32 bits	0	58	0	0	
	Temperature low average stored at - 9	C5 8D 01,5F,xx xx xx xx	8	H, 32 bits	0	59	0	0	
	Temperature low average stored at - 10	85 8E 01,5F,xx xx xx xx	8	H, 32 bits	0	60	0	0	
	Temperature low average stored at - 11	C5 8E 01,5F,xx xx xx xx	8	H, 32 bits	0	61	0	0	
	Temperature low average stored at - 12	85 8F 01,5F,xx xx xx xx	8	H, 32 bits	0	62	0	0	
	Temperature low average stored at - 13	C5 8F 01,5F,xx xx xx xx	8	H, 32 bits	0	63	0	0	
	Temperature low average stored at - 14	85 80 02,5F,xx xx xx xx	8	H, 32 bits	0	64	0	0	
	Temperature low average stored at - 15	C5 80 02,5F,xx xx xx xx	8	H, 32 bits	0	65	0	0	
	Temperature low average stored at - 16	85 81 02,5F,xx xx xx xx	8	H, 32 bits	0	66	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Temperature low average stored at - 17	C5 81 02,5F,xx xx xx xx	8	H, 32 bits	0	67	0	0	
	Temperature low average stored at - 18	85 82 02,5F,xx xx xx xx	8	H, 32 bits	0	68	0	0	
	Temperature low average stored at - 19	C5 82 02,5F,xx xx xx xx	8	H, 32 bits	0	69	0	0	
	Temperature low average stored at - 20	85 83 02,5F,xx xx xx xx	8	H, 32 bits	0	70	0	0	
	Temperature low average stored at - 21	C5 83 02,5F,xx xx xx xx	8	H, 32 bits	0	71	0	0	
	Temperature low average stored at - 22	85 84 02,5F,xx xx xx xx	8	H, 32 bits	0	72	0	0	
	Temperature low average stored at - 23	C5 84 02,5F,xx xx xx xx	8	H, 32 bits	0	73	0	0	
	Temperature low average stored at - 24	85 85 02,5F,xx xx xx xx	8	H, 32 bits	0	74	0	0	
	Temperature low average stored at - 25	C5 85 02,5F,xx xx xx xx	8	H, 32 bits	0	75	0	0	
	Temperature low average stored at - 26	85 86 02,5F,xx xx xx xx	8	H, 32 bits	0	76	0	0	
	Temperature low average stored at - 27	C5 86 02,5F,xx xx xx xx	8	H, 32 bits	0	77	0	0	
	Temperature low average stored at - 28	85 87 02,5F,xx xx xx xx	8	H, 32 bits	0	78	0	0	
	Temperature low average stored at - 29	C5 87 02,5F,xx xx xx xx	8	H, 32 bits	0	79	0	0	
	Temperature low average stored at - 30	85 88 02,5F,xx xx xx xx	8	H, 32 bits	0	80	0	0	
	Temperature low average stored at - 31	C5 88 02,5F,xx xx xx xx	8	H, 32 bits	0	81	0	0	
	Temperature low average stored at - 32	85 89 02,5F,xx xx xx xx	8	H, 32 bits	0	82	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Delta temperature average stored at - 1	C5 89 01,63,xx xx xx xx	8	H, 32 bits	0	51	0	0	Temperature difference; 1K
	Delta temperature average stored at - 2	85 8A 01,63,xx xx xx xx	8	H, 32 bits	0	52	0	0	Temperature difference; 1K
	Delta temperature average stored at - 3	C5 8A 01,63,xx xx xx xx	8	H, 32 bits	0	53	0	0	Temperature difference; 1K
	Delta temperature average stored at - 4	85 8B 01,63,xx xx xx xx	8	H, 32 bits	0	54	0	0	Temperature difference; 1K
	Delta temperature average stored at - 5	C5 8B 01,63,xx xx xx xx	8	H, 32 bits	0	55	0	0	Temperature difference; 1K
	Delta temperature average stored at - 6	85 8C 01,63,xx xx xx xx	8	H, 32 bits	0	56	0	0	Temperature difference; 1K
	Delta temperature average stored at - 7	C5 8C 01,63,xx xx xx xx	8	H, 32 bits	0	57	0	0	Temperature difference; 1K
	Delta temperature average stored at - 8	85 8D 01,63,xx xx xx xx	8	H, 32 bits	0	58	0	0	Temperature difference; 1K
	Delta temperature average stored at - 9	C5 8D 01,63,xx xx xx xx	8	H, 32 bits	0	59	0	0	Temperature difference; 1K
	Delta temperature average stored at - 10	85 8E 01,63,xx xx xx xx	8	H, 32 bits	0	60	0	0	Temperature difference; 1K
	Delta temperature average stored at - 11	C5 8E 01,63,xx xx xx xx	8	H, 32 bits	0	61	0	0	Temperature difference; 1K
	Delta temperature average stored at - 12	85 8F 01,63,xx xx xx xx	8	H, 32 bits	0	62	0	0	Temperature difference; 1K
	Delta temperature average stored at - 13	C5 8F 01,63,xx xx xx xx	8	H, 32 bits	0	63	0	0	Temperature difference; 1K
	Delta temperature average stored at - 14	85 80 02,63,xx xx xx xx	8	H, 32 bits	0	64	0	0	Temperature difference; 1K
	Delta temperature average stored at - 15	C5 80 02,63,xx xx xx xx	8	H, 32 bits	0	65	0	0	Temperature difference; 1K
	Delta temperature average stored at - 16	85 81 02,63,xx xx xx xx	8	H, 32 bits	0	66	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Delta temperature average stored at - 17	C5 81 02,63,xx xx xx xx	8	H, 32 bits	0	67	0	0	Temperature difference; 1K
	Delta temperature average stored at - 18	85 82 02,63,xx xx xx xx	8	H, 32 bits	0	68	0	0	Temperature difference; 1K
	Delta temperature average stored at - 19	C5 82 02,63,xx xx xx xx	8	H, 32 bits	0	69	0	0	Temperature difference; 1K
	Delta temperature average stored at - 20	85 83 02,63,xx xx xx xx	8	H, 32 bits	0	70	0	0	Temperature difference; 1K
	Delta temperature average stored at - 21	C5 83 02,63,xx xx xx xx	8	H, 32 bits	0	71	0	0	Temperature difference; 1K
	Delta temperature average stored at - 22	85 84 02,63,xx xx xx xx	8	H, 32 bits	0	72	0	0	Temperature difference; 1K
	Delta temperature average stored at - 23	C5 84 02,63,xx xx xx xx	8	H, 32 bits	0	73	0	0	Temperature difference; 1K
	Delta temperature average stored at - 24	85 85 02,63,xx xx xx xx	8	H, 32 bits	0	74	0	0	Temperature difference; 1K
	Delta temperature average stored at - 25	C5 85 02,63,xx xx xx xx	8	H, 32 bits	0	75	0	0	Temperature difference; 1K
	Delta temperature average stored at - 26	85 86 02,63,xx xx xx xx	8	H, 32 bits	0	76	0	0	Temperature difference; 1K
	Delta temperature average stored at - 27	C5 86 02,63,xx xx xx xx	8	H, 32 bits	0	77	0	0	Temperature difference; 1K
	Delta temperature average stored at - 28	85 87 02,63,xx xx xx xx	8	H, 32 bits	0	78	0	0	Temperature difference; 1K
	Delta temperature average stored at - 29	C5 87 02,63,xx xx xx xx	8	H, 32 bits	0	79	0	0	Temperature difference; 1K
	Delta temperature average stored at - 30	85 88 02,63,xx xx xx xx	8	H, 32 bits	0	80	0	0	Temperature difference; 1K
	Delta temperature average stored at - 31	C5 88 02,63,xx xx xx xx	8	H, 32 bits	0	81	0	0	Temperature difference; 1K
	Delta temperature average stored at - 32	85 89 02,63,xx xx xx xx	8	H, 32 bits	0	82	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 1 average stored at - 1	C5 C9 01,ci ci,xx xx xx xx	9	H, 32 bits	0	51	0	1	
	Complementary counter 1 average stored at - 2	85 CA 01,ci ci,xx xx xx xx	9	H, 32 bits	0	52	0	1	
	Complementary counter 1 average stored at - 3	C5 CA 01,ci ci,xx xx xx xx	9	H, 32 bits	0	53	0	1	
	Complementary counter 1 average stored at - 4	85 CB 01,ci ci,xx xx xx xx	9	H, 32 bits	0	54	0	1	
	Complementary counter 1 average stored at - 5	C5 CB 01,ci ci,xx xx xx xx	9	H, 32 bits	0	55	0	1	
	Complementary counter 1 average stored at - 6	85 CC 01,ci ci,xx xx xx xx	9	H, 32 bits	0	56	0	1	
	Complementary counter 1 average stored at - 7	C5 CC 01,ci ci,xx xx xx xx	9	H, 32 bits	0	57	0	1	
	Complementary counter 1 average stored at - 8	85 CD 01,ci ci,xx xx xx xx	9	H, 32 bits	0	58	0	1	
	Complementary counter 1 average stored at - 9	C5 CD 01,ci ci,xx xx xx xx	9	H, 32 bits	0	59	0	1	
	Complementary counter 1 average stored at - 10	85 CE 01,ci ci,xx xx xx xx	9	H, 32 bits	0	60	0	1	
	Complementary counter 1 average stored at - 11	C5 CE 01,ci ci,xx xx xx xx	9	H, 32 bits	0	61	0	1	
	Complementary counter 1 average stored at - 12	85 CF 01,ci ci,xx xx xx xx	9	H, 32 bits	0	62	0	1	
	Complementary counter 1 average stored at - 13	C5 CF 01,ci ci,xx xx xx xx	9	H, 32 bits	0	63	0	1	
	Complementary counter 1 average stored at - 14	85 C0 02,ci ci,xx xx xx xx	9	H, 32 bits	0	64	0	1	
	Complementary counter 1 average stored at - 15	C5 C0 02,ci ci,xx xx xx xx	9	H, 32 bits	0	65	0	1	
	Complementary counter 1 average stored at - 16	85 C1 02,ci ci,xx xx xx xx	9	H, 32 bits	0	66	0	1	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes							
Header	Start, Length	#NOM?	4	See Note 1						
	Control	08	1	Respond with user data, RSP_UD						
	Address	xx	1							
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header			0	*Coding*						
	Identification number	xx xx xx xx	4	A, 32 bits						
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits						
	Generation of meter	0D	1	C, 8 bits						
	Measured media: Heat	04	1	D, 8 bits						
	Access number	xx	1	C, 8 bits						
	Status	xx	1	Ds, 8 bits						
	Signature (not used)	00 00	2	C, 16 bits						
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*	
	Complementary counter 1 average stored at - 17	C5 C1 02,ci ci,xx xx xx xx	9	H, 32 bits	0	67	0	1		
	Complementary counter 1 average stored at - 18	85 C2 02,ci ci,xx xx xx xx	9	H, 32 bits	0	68	0	1		
	Complementary counter 1 average stored at - 19	C5 C2 02,ci ci,xx xx xx xx	9	H, 32 bits	0	69	0	1		
	Complementary counter 1 average stored at - 20	85 C3 02,ci ci,xx xx xx xx	9	H, 32 bits	0	70	0	1		
	Complementary counter 1 average stored at - 21	C5 C3 02,ci ci,xx xx xx xx	9	H, 32 bits	0	71	0	1		
	Complementary counter 1 average stored at - 22	85 C4 02,ci ci,xx xx xx xx	9	H, 32 bits	0	72	0	1		
	Complementary counter 1 average stored at - 23	C5 C4 02,ci ci,xx xx xx xx	9	H, 32 bits	0	73	0	1		
	Complementary counter 1 average stored at - 24	85 C5 02,ci ci,xx xx xx xx	9	H, 32 bits	0	74	0	1		
	Complementary counter 1 average stored at - 25	C5 C5 02,ci ci,xx xx xx xx	9	H, 32 bits	0	75	0	1		
	Complementary counter 1 average stored at - 26	85 C6 02,ci ci,xx xx xx xx	9	H, 32 bits	0	76	0	1		
	Complementary counter 1 average stored at - 27	C5 C6 02,ci ci,xx xx xx xx	9	H, 32 bits	0	77	0	1		
	Complementary counter 1 average stored at - 28	85 C7 02,ci ci,xx xx xx xx	9	H, 32 bits	0	78	0	1		
	Complementary counter 1 average stored at - 29	C5 C7 02,ci ci,xx xx xx xx	9	H, 32 bits	0	79	0	1		
	Complementary counter 1 average stored at - 30	85 C8 02,ci ci,xx xx xx xx	9	H, 32 bits	0	80	0	1		
	Complementary counter 1 average stored at - 31	C5 C8 02,ci ci,xx xx xx xx	9	H, 32 bits	0	81	0	1		
	Complementary counter 1 average stored at - 32	85 C9 02,ci ci,xx xx xx xx	9	H, 32 bits	0	82	0	1		
	More records in next telegram	mo	1	Special function: start of manufacturer specific data						
End	Check Sum	xx	1	See Note 2						
	Stop	16	1							

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 2 average stored at - 1	C5 89 41,ci ci,xx xx xx xx	9	H, 32 bits	0	51	0	2	
	Complementary counter 2 average stored at - 2	85 8A 41,ci ci,xx xx xx xx	9	H, 32 bits	0	52	0	2	
	Complementary counter 2 average stored at - 3	C5 8A 41,ci ci,xx xx xx xx	9	H, 32 bits	0	53	0	2	
	Complementary counter 2 average stored at - 4	85 8B 41,ci ci,xx xx xx xx	9	H, 32 bits	0	54	0	2	
	Complementary counter 2 average stored at - 5	C5 8B 41,ci ci,xx xx xx xx	9	H, 32 bits	0	55	0	2	
	Complementary counter 2 average stored at - 6	85 8C 41,ci ci,xx xx xx xx	9	H, 32 bits	0	56	0	2	
	Complementary counter 2 average stored at - 7	C5 8C 41,ci ci,xx xx xx xx	9	H, 32 bits	0	57	0	2	
	Complementary counter 2 average stored at - 8	85 8D 41,ci ci,xx xx xx xx	9	H, 32 bits	0	58	0	2	
	Complementary counter 2 average stored at - 9	C5 8D 41,ci ci,xx xx xx xx	9	H, 32 bits	0	59	0	2	
	Complementary counter 2 average stored at - 10	85 8E 41,ci ci,xx xx xx xx	9	H, 32 bits	0	60	0	2	
	Complementary counter 2 average stored at - 11	C5 8E 41,ci ci,xx xx xx xx	9	H, 32 bits	0	61	0	2	
	Complementary counter 2 average stored at - 12	85 8F 41,ci ci,xx xx xx xx	9	H, 32 bits	0	62	0	2	
	Complementary counter 2 average stored at - 13	C5 8F 41,ci ci,xx xx xx xx	9	H, 32 bits	0	63	0	2	
	Complementary counter 2 average stored at - 14	85 80 42,ci ci,xx xx xx xx	9	H, 32 bits	0	64	0	2	
	Complementary counter 2 average stored at - 15	C5 80 42,ci ci,xx xx xx xx	9	H, 32 bits	0	65	0	2	
	Complementary counter 2 average stored at - 16	85 81 42,ci ci,xx xx xx xx	9	H, 32 bits	0	66	0	2	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes							
Header	Start, Length	#NOM?	4	See Note 1						
	Control	08	1	Respond with user data, RSP_UD						
	Address	xx	1							
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header			0	*Coding*						
	Identification number	xx xx xx xx	4	A, 32 bits						
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits						
	Generation of meter	0D	1	C, 8 bits						
	Measured media: Heat	04	1	D, 8 bits						
	Access number	xx	1	C, 8 bits						
	Status	xx	1	Ds, 8 bits						
	Signature (not used)	00 00	2	C, 16 bits						
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*	
	Complementary counter 2 average stored at - 17	C5 81 42,ci ci,xx xx xx xx	9	H, 32 bits	0	67	0	2		
	Complementary counter 2 average stored at - 18	85 82 42,ci ci,xx xx xx xx	9	H, 32 bits	0	68	0	2		
	Complementary counter 2 average stored at - 19	C5 82 42,ci ci,xx xx xx xx	9	H, 32 bits	0	69	0	2		
	Complementary counter 2 average stored at - 20	85 83 42,ci ci,xx xx xx xx	9	H, 32 bits	0	70	0	2		
	Complementary counter 2 average stored at - 21	C5 83 42,ci ci,xx xx xx xx	9	H, 32 bits	0	71	0	2		
	Complementary counter 2 average stored at - 22	85 84 42,ci ci,xx xx xx xx	9	H, 32 bits	0	72	0	2		
	Complementary counter 2 average stored at - 23	C5 84 42,ci ci,xx xx xx xx	9	H, 32 bits	0	73	0	2		
	Complementary counter 2 average stored at - 24	85 85 42,ci ci,xx xx xx xx	9	H, 32 bits	0	74	0	2		
	Complementary counter 2 average stored at - 25	C5 85 42,ci ci,xx xx xx xx	9	H, 32 bits	0	75	0	2		
	Complementary counter 2 average stored at - 26	85 86 42,ci ci,xx xx xx xx	9	H, 32 bits	0	76	0	2		
	Complementary counter 2 average stored at - 27	C5 86 42,ci ci,xx xx xx xx	9	H, 32 bits	0	77	0	2		
	Complementary counter 2 average stored at - 28	85 87 42,ci ci,xx xx xx xx	9	H, 32 bits	0	78	0	2		
	Complementary counter 2 average stored at - 29	C5 87 42,ci ci,xx xx xx xx	9	H, 32 bits	0	79	0	2		
	Complementary counter 2 average stored at - 30	85 88 42,ci ci,xx xx xx xx	9	H, 32 bits	0	80	0	2		
	Complementary counter 2 average stored at - 31	C5 88 42,ci ci,xx xx xx xx	9	H, 32 bits	0	81	0	2		
	Complementary counter 2 average stored at - 32	85 89 42,ci ci,xx xx xx xx	9	H, 32 bits	0	82	0	2		
	More records in next telegram	mo	1	Special function: start of manufacturer specific data						
End	Check Sum	xx	1	See Note 2						
	Stop	16	1							

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 average stored at - 1	C5 C9 41,ci ci,xx xx xx xx	9	H, 32 bits	0	51	0	3	
	Complementary counter 3 average stored at - 2	85 CA 41,ci ci,xx xx xx xx	9	H, 32 bits	0	52	0	3	
	Complementary counter 3 average stored at - 3	C5 CA 41,ci ci,xx xx xx xx	9	H, 32 bits	0	53	0	3	
	Complementary counter 3 average stored at - 4	85 CB 41,ci ci,xx xx xx xx	9	H, 32 bits	0	54	0	3	
	Complementary counter 3 average stored at - 5	C5 CB 41,ci ci,xx xx xx xx	9	H, 32 bits	0	55	0	3	
	Complementary counter 3 average stored at - 6	85 CC 41,ci ci,xx xx xx xx	9	H, 32 bits	0	56	0	3	
	Complementary counter 3 average stored at - 7	C5 CC 41,ci ci,xx xx xx xx	9	H, 32 bits	0	57	0	3	
	Complementary counter 3 average stored at - 8	85 CD 41,ci ci,xx xx xx xx	9	H, 32 bits	0	58	0	3	
	Complementary counter 3 average stored at - 9	C5 CD 41,ci ci,xx xx xx xx	9	H, 32 bits	0	59	0	3	
	Complementary counter 3 average stored at - 10	85 CE 41,ci ci,xx xx xx xx	9	H, 32 bits	0	60	0	3	
	Complementary counter 3 average stored at - 11	C5 CE 41,ci ci,xx xx xx xx	9	H, 32 bits	0	61	0	3	
	Complementary counter 3 average stored at - 12	85 CF 41,ci ci,xx xx xx xx	9	H, 32 bits	0	62	0	3	
	Complementary counter 3 average stored at - 13	C5 CF 41,ci ci,xx xx xx xx	9	H, 32 bits	0	63	0	3	
	Complementary counter 3 average stored at - 14	85 C0 42,ci ci,xx xx xx xx	9	H, 32 bits	0	64	0	3	
	Complementary counter 3 average stored at - 15	C5 C0 42,ci ci,xx xx xx xx	9	H, 32 bits	0	65	0	3	
	Complementary counter 3 average stored at - 16	85 C1 42,ci ci,xx xx xx xx	9	H, 32 bits	0	66	0	3	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes							
Header	Start, Length	#NOM?	4	See Note 1						
	Control	08	1	Respond with user data, RSP_UD						
	Address	xx	1							
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header			0	*Coding*						
	Identification number	xx xx xx xx	4	A, 32 bits						
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits						
	Generation of meter	0D	1	C, 8 bits						
	Measured media: Heat	04	1	D, 8 bits						
	Access number	xx	1	C, 8 bits						
	Status	xx	1	Ds, 8 bits						
	Signature (not used)	00 00	2	C, 16 bits						
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*	
	Complementary counter 3 average stored at - 17	C5 C1 42,ci ci,xx xx xx xx	9	H, 32 bits	0	67	0	3		
	Complementary counter 3 average stored at - 18	85 C2 42,ci ci,xx xx xx xx	9	H, 32 bits	0	68	0	3		
	Complementary counter 3 average stored at - 19	C5 C2 42,ci ci,xx xx xx xx	9	H, 32 bits	0	69	0	3		
	Complementary counter 3 average stored at - 20	85 C3 42,ci ci,xx xx xx xx	9	H, 32 bits	0	70	0	3		
	Complementary counter 3 average stored at - 21	C5 C3 42,ci ci,xx xx xx xx	9	H, 32 bits	0	71	0	3		
	Complementary counter 3 average stored at - 22	85 C4 42,ci ci,xx xx xx xx	9	H, 32 bits	0	72	0	3		
	Complementary counter 3 average stored at - 23	C5 C4 42,ci ci,xx xx xx xx	9	H, 32 bits	0	73	0	3		
	Complementary counter 3 average stored at - 24	85 C5 42,ci ci,xx xx xx xx	9	H, 32 bits	0	74	0	3		
	Complementary counter 3 average stored at - 25	C5 C5 42,ci ci,xx xx xx xx	9	H, 32 bits	0	75	0	3		
	Complementary counter 3 average stored at - 26	85 C6 42,ci ci,xx xx xx xx	9	H, 32 bits	0	76	0	3		
	Complementary counter 3 average stored at - 27	C5 C6 42,ci ci,xx xx xx xx	9	H, 32 bits	0	77	0	3		
	Complementary counter 3 average stored at - 28	85 C7 42,ci ci,xx xx xx xx	9	H, 32 bits	0	78	0	3		
	Complementary counter 3 average stored at - 29	C5 C7 42,ci ci,xx xx xx xx	9	H, 32 bits	0	79	0	3		
	Complementary counter 3 average stored at - 30	85 C8 42,ci ci,xx xx xx xx	9	H, 32 bits	0	80	0	3		
	Complementary counter 3 average stored at - 31	C5 C8 42,ci ci,xx xx xx xx	9	H, 32 bits	0	81	0	3		
	Complementary counter 3 average stored at - 32	85 C9 42,ci ci,xx xx xx xx	9	H, 32 bits	0	82	0	3		
	More records in next telegram	mo	1	Special function: start of manufacturer specific data						
End	Check Sum	xx	1	See Note 2						
	Stop	16	1							

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 4 average stored at - 1	C5 89 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	51	0	4	
	Complementary counter 4 average stored at - 2	85 8A 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	52	0	4	
	Complementary counter 4 average stored at - 3	C5 8A 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	53	0	4	
	Complementary counter 4 average stored at - 4	85 8B 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	54	0	4	
	Complementary counter 4 average stored at - 5	C5 8B 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	55	0	4	
	Complementary counter 4 average stored at - 6	85 8C 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	56	0	4	
	Complementary counter 4 average stored at - 7	C5 8C 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	57	0	4	
	Complementary counter 4 average stored at - 8	85 8D 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	58	0	4	
	Complementary counter 4 average stored at - 9	C5 8D 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	59	0	4	
	Complementary counter 4 average stored at - 10	85 8E 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	60	0	4	
	Complementary counter 4 average stored at - 11	C5 8E 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	61	0	4	
	Complementary counter 4 average stored at - 12	85 8F 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	62	0	4	
	Complementary counter 4 average stored at - 13	C5 8F 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	63	0	4	
	Complementary counter 4 average stored at - 14	85 80 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	64	0	4	
	Complementary counter 4 average stored at - 15	C5 80 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	65	0	4	
	Complementary counter 4 average stored at - 16	85 81 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	66	0	4	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 4 average stored at - 17	C5 81 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	67	0	4	
	Complementary counter 4 average stored at - 18	85 82 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	68	0	4	
	Complementary counter 4 average stored at - 19	C5 82 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	69	0	4	
	Complementary counter 4 average stored at - 20	85 83 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	70	0	4	
	Complementary counter 4 average stored at - 21	C5 83 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	71	0	4	
	Complementary counter 4 average stored at - 22	85 84 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	72	0	4	
	Complementary counter 4 average stored at - 23	C5 84 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	73	0	4	
	Complementary counter 4 average stored at - 24	85 85 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	74	0	4	
	Complementary counter 4 average stored at - 25	C5 85 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	75	0	4	
	Complementary counter 4 average stored at - 26	85 86 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	76	0	4	
	Complementary counter 4 average stored at - 27	C5 86 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	77	0	4	
	Complementary counter 4 average stored at - 28	85 87 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	78	0	4	
	Complementary counter 4 average stored at - 29	C5 87 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	79	0	4	
	Complementary counter 4 average stored at - 30	85 88 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	80	0	4	
	Complementary counter 4 average stored at - 31	C5 88 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	81	0	4	
	Complementary counter 4 average stored at - 32	85 89 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	82	0	4	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 5 average stored at - 1	C5 C9 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	51	0	5	
	Complementary counter 5 average stored at - 2	85 CA 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	52	0	5	
	Complementary counter 5 average stored at - 3	C5 CA 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	53	0	5	
	Complementary counter 5 average stored at - 4	85 CB 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	54	0	5	
	Complementary counter 5 average stored at - 5	C5 CB 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	55	0	5	
	Complementary counter 5 average stored at - 6	85 CC 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	56	0	5	
	Complementary counter 5 average stored at - 7	C5 CC 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	57	0	5	
	Complementary counter 5 average stored at - 8	85 CD 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	58	0	5	
	Complementary counter 5 average stored at - 9	C5 CD 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	59	0	5	
	Complementary counter 5 average stored at - 10	85 CE 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	60	0	5	
	Complementary counter 5 average stored at - 11	C5 CE 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	61	0	5	
	Complementary counter 5 average stored at - 12	85 CF 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	62	0	5	
	Complementary counter 5 average stored at - 13	C5 CF 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	63	0	5	
	Complementary counter 5 average stored at - 14	85 C0 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	64	0	5	
	Complementary counter 5 average stored at - 15	C5 C0 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	65	0	5	
	Complementary counter 5 average stored at - 16	85 C1 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	66	0	5	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 5 average stored at - 17	C5 C1 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	67	0	5	
	Complementary counter 5 average stored at - 18	85 C2 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	68	0	5	
	Complementary counter 5 average stored at - 19	C5 C2 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	69	0	5	
	Complementary counter 5 average stored at - 20	85 C3 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	70	0	5	
	Complementary counter 5 average stored at - 21	C5 C3 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	71	0	5	
	Complementary counter 5 average stored at - 22	85 C4 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	72	0	5	
	Complementary counter 5 average stored at - 23	C5 C4 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	73	0	5	
	Complementary counter 5 average stored at - 24	85 C5 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	74	0	5	
	Complementary counter 5 average stored at - 25	C5 C5 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	75	0	5	
	Complementary counter 5 average stored at - 26	85 C6 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	76	0	5	
	Complementary counter 5 average stored at - 27	C5 C6 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	77	0	5	
	Complementary counter 5 average stored at - 28	85 C7 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	78	0	5	
	Complementary counter 5 average stored at - 29	C5 C7 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	79	0	5	
	Complementary counter 5 average stored at - 30	85 C8 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	80	0	5	
	Complementary counter 5 average stored at - 31	C5 C8 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	81	0	5	
	Complementary counter 5 average stored at - 32	85 C9 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	82	0	5	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 6 average stored at - 1	C5 89 C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	51	0	6	
	Complementary counter 6 average stored at - 2	85 8A C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	52	0	6	
	Complementary counter 6 average stored at - 3	C5 8A C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	53	0	6	
	Complementary counter 6 average stored at - 4	85 8B C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	54	0	6	
	Complementary counter 6 average stored at - 5	C5 8B C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	55	0	6	
	Complementary counter 6 average stored at - 6	85 8C C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	56	0	6	
	Complementary counter 6 average stored at - 7	C5 8C C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	57	0	6	
	Complementary counter 6 average stored at - 8	85 8D C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	58	0	6	
	Complementary counter 6 average stored at - 9	C5 8D C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	59	0	6	
	Complementary counter 6 average stored at - 10	85 8E C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	60	0	6	
	Complementary counter 6 average stored at - 11	C5 8E C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	61	0	6	
	Complementary counter 6 average stored at - 12	85 8F C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	62	0	6	
	Complementary counter 6 average stored at - 13	C5 8F C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	63	0	6	
	Complementary counter 6 average stored at - 14	85 80 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	64	0	6	
	Complementary counter 6 average stored at - 15	C5 80 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	65	0	6	
	Complementary counter 6 average stored at - 16	85 81 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	66	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 6 average stored at - 17	C5 81 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	67	0	6	
	Complementary counter 6 average stored at - 18	85 82 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	68	0	6	
	Complementary counter 6 average stored at - 19	C5 82 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	69	0	6	
	Complementary counter 6 average stored at - 20	85 83 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	70	0	6	
	Complementary counter 6 average stored at - 21	C5 83 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	71	0	6	
	Complementary counter 6 average stored at - 22	85 84 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	72	0	6	
	Complementary counter 6 average stored at - 23	C5 84 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	73	0	6	
	Complementary counter 6 average stored at - 24	85 85 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	74	0	6	
	Complementary counter 6 average stored at - 25	C5 85 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	75	0	6	
	Complementary counter 6 average stored at - 26	85 86 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	76	0	6	
	Complementary counter 6 average stored at - 27	C5 86 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	77	0	6	
	Complementary counter 6 average stored at - 28	85 87 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	78	0	6	
	Complementary counter 6 average stored at - 29	C5 87 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	79	0	6	
	Complementary counter 6 average stored at - 30	85 88 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	80	0	6	
	Complementary counter 6 average stored at - 31	C5 88 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	81	0	6	
	Complementary counter 6 average stored at - 32	85 89 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	82	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Functio*	*Storag*	*Tar*	*Dev*	*Value Info*
	§	Power maximum stored at - 1	D5 82 03,2B,xx xx xx xx	8	H, 32 bits	Max	101	0	0	Power ; 1W
		Power maximum stored at - 2	95 83 03,2B,xx xx xx xx	8	H, 32 bits	Max	102	0	0	Power ; 1W
		Power maximum stored at - 3	D5 83 03,2B,xx xx xx xx	8	H, 32 bits	Max	103	0	0	Power ; 1W
		Power maximum stored at - 4	95 84 03,2B,xx xx xx xx	8	H, 32 bits	Max	104	0	0	Power ; 1W
		Power maximum stored at - 5	D5 84 03,2B,xx xx xx xx	8	H, 32 bits	Max	105	0	0	Power ; 1W
		Power maximum stored at - 6	95 85 03,2B,xx xx xx xx	8	H, 32 bits	Max	106	0	0	Power ; 1W
		Power maximum stored at - 7	D5 85 03,2B,xx xx xx xx	8	H, 32 bits	Max	107	0	0	Power ; 1W
		Power maximum stored at - 8	95 86 03,2B,xx xx xx xx	8	H, 32 bits	Max	108	0	0	Power ; 1W
		Power maximum stored at - 9	D5 86 03,2B,xx xx xx xx	8	H, 32 bits	Max	109	0	0	Power ; 1W
		Power maximum stored at - 10	95 87 03,2B,xx xx xx xx	8	H, 32 bits	Max	110	0	0	Power ; 1W
		Power maximum stored at - 11	D5 87 03,2B,xx xx xx xx	8	H, 32 bits	Max	111	0	0	Power ; 1W
		Power maximum stored at - 12	95 88 03,2B,xx xx xx xx	8	H, 32 bits	Max	112	0	0	Power ; 1W
		Power maximum stored at - 13	D5 88 03,2B,xx xx xx xx	8	H, 32 bits	Max	113	0	0	Power ; 1W
		Power maximum stored at - 14	95 89 03,2B,xx xx xx xx	8	H, 32 bits	Max	114	0	0	Power ; 1W
		Power maximum stored at - 15	D5 89 03,2B,xx xx xx xx	8	H, 32 bits	Max	115	0	0	Power ; 1W
		Power maximum stored at - 16	95 8A 03,2B,xx xx xx xx	8	H, 32 bits	Max	116	0	0	Power ; 1W
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Functio*	*Storag*	*Tar*	*Dev*	*Value Info*
	Power maximum stored at - 17	D5 8A 03,2B,xx xx xx xx	8	H, 32 bits	Max	117	0	0	Power ; 1W
	Power maximum stored at - 18	95 8B 03,2B,xx xx xx xx	8	H, 32 bits	Max	118	0	0	Power ; 1W
	Power maximum stored at - 19	D5 8B 03,2B,xx xx xx xx	8	H, 32 bits	Max	119	0	0	Power ; 1W
	Power maximum stored at - 20	95 8C 03,2B,xx xx xx xx	8	H, 32 bits	Max	120	0	0	Power ; 1W
	Power maximum stored at - 21	D5 8C 03,2B,xx xx xx xx	8	H, 32 bits	Max	121	0	0	Power ; 1W
	Power maximum stored at - 22	95 8D 03,2B,xx xx xx xx	8	H, 32 bits	Max	122	0	0	Power ; 1W
	Power maximum stored at - 23	D5 8D 03,2B,xx xx xx xx	8	H, 32 bits	Max	123	0	0	Power ; 1W
	Power maximum stored at - 24	95 8E 03,2B,xx xx xx xx	8	H, 32 bits	Max	124	0	0	Power ; 1W
	Power maximum stored at - 25	D5 8E 03,2B,xx xx xx xx	8	H, 32 bits	Max	125	0	0	Power ; 1W
	Power maximum stored at - 26	95 8F 03,2B,xx xx xx xx	8	H, 32 bits	Max	126	0	0	Power ; 1W
	Power maximum stored at - 27	D5 8F 03,2B,xx xx xx xx	8	H, 32 bits	Max	127	0	0	Power ; 1W
	Power maximum stored at - 28	95 80 04,2B,xx xx xx xx	8	H, 32 bits	Max	128	0	0	Power ; 1W
	Power maximum stored at - 29	D5 80 04,2B,xx xx xx xx	8	H, 32 bits	Max	129	0	0	Power ; 1W
	Power maximum stored at - 30	95 81 04,2B,xx xx xx xx	8	H, 32 bits	Max	130	0	0	Power ; 1W
	Power maximum stored at - 31	D5 81 04,2B,xx xx xx xx	8	H, 32 bits	Max	131	0	0	Power ; 1W
	Power maximum stored at - 32	95 82 04,2B,xx xx xx xx	8	H, 32 bits	Max	132	0	0	Power ; 1W
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Functio*	*Storag*	*Tar*	*Dev*	*Value Info*
	§	Power maximum date/time stored at - 1	C4 82 03,6D,xx xx xx xx	8	F, 32 bits	0	101	0	0	Date Time
		Power maximum date/time stored at - 2	84 83 03,6D,xx xx xx xx	8	F, 32 bits	0	102	0	0	Date Time
		Power maximum date/time stored at - 3	C4 83 03,6D,xx xx xx xx	8	F, 32 bits	0	103	0	0	Date Time
		Power maximum date/time stored at - 4	84 84 03,6D,xx xx xx xx	8	F, 32 bits	0	104	0	0	Date Time
		Power maximum date/time stored at - 5	C4 84 03,6D,xx xx xx xx	8	F, 32 bits	0	105	0	0	Date Time
		Power maximum date/time stored at - 6	84 85 03,6D,xx xx xx xx	8	F, 32 bits	0	106	0	0	Date Time
		Power maximum date/time stored at - 7	C4 85 03,6D,xx xx xx xx	8	F, 32 bits	0	107	0	0	Date Time
		Power maximum date/time stored at - 8	84 86 03,6D,xx xx xx xx	8	F, 32 bits	0	108	0	0	Date Time
		Power maximum date/time stored at - 9	C4 86 03,6D,xx xx xx xx	8	F, 32 bits	0	109	0	0	Date Time
		Power maximum date/time stored at - 10	84 87 03,6D,xx xx xx xx	8	F, 32 bits	0	110	0	0	Date Time
		Power maximum date/time stored at - 11	C4 87 03,6D,xx xx xx xx	8	F, 32 bits	0	111	0	0	Date Time
		Power maximum date/time stored at - 12	84 88 03,6D,xx xx xx xx	8	F, 32 bits	0	112	0	0	Date Time
		Power maximum date/time stored at - 13	C4 88 03,6D,xx xx xx xx	8	F, 32 bits	0	113	0	0	Date Time
		Power maximum date/time stored at - 14	84 89 03,6D,xx xx xx xx	8	F, 32 bits	0	114	0	0	Date Time
		Power maximum date/time stored at - 15	C4 89 03,6D,xx xx xx xx	8	F, 32 bits	0	115	0	0	Date Time
		Power maximum date/time stored at - 16	84 8A 03,6D,xx xx xx xx	8	F, 32 bits	0	116	0	0	Date Time
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Functio*	*Storag*	*Tar*	*Dev*	*Value Info*
	Power maximum date/time stored at - 17	C4 8A 03,6D,xx xx xx xx	8	F, 32 bits	0	117	0	0	Date Time
	Power maximum date/time stored at - 18	84 8B 03,6D,xx xx xx xx	8	F, 32 bits	0	118	0	0	Date Time
	Power maximum date/time stored at - 19	C4 8B 03,6D,xx xx xx xx	8	F, 32 bits	0	119	0	0	Date Time
	Power maximum date/time stored at - 20	84 8C 03,6D,xx xx xx xx	8	F, 32 bits	0	120	0	0	Date Time
	Power maximum date/time stored at - 21	C4 8C 03,6D,xx xx xx xx	8	F, 32 bits	0	121	0	0	Date Time
	Power maximum date/time stored at - 22	84 8D 03,6D,xx xx xx xx	8	F, 32 bits	0	122	0	0	Date Time
	Power maximum date/time stored at - 23	C4 8D 03,6D,xx xx xx xx	8	F, 32 bits	0	123	0	0	Date Time
	Power maximum date/time stored at - 24	84 8E 03,6D,xx xx xx xx	8	F, 32 bits	0	124	0	0	Date Time
	Power maximum date/time stored at - 25	C4 8E 03,6D,xx xx xx xx	8	F, 32 bits	0	125	0	0	Date Time
	Power maximum date/time stored at - 26	84 8F 03,6D,xx xx xx xx	8	F, 32 bits	0	126	0	0	Date Time
	Power maximum date/time stored at - 27	C4 8F 03,6D,xx xx xx xx	8	F, 32 bits	0	127	0	0	Date Time
	Power maximum date/time stored at - 28	84 80 04,6D,xx xx xx xx	8	F, 32 bits	0	128	0	0	Date Time
	Power maximum date/time stored at - 29	C4 80 04,6D,xx xx xx xx	8	F, 32 bits	0	129	0	0	Date Time
	Power maximum date/time stored at - 30	84 81 04,6D,xx xx xx xx	8	F, 32 bits	0	130	0	0	Date Time
	Power maximum date/time stored at - 31	C4 81 04,6D,xx xx xx xx	8	F, 32 bits	0	131	0	0	Date Time
	Power maximum date/time stored at - 32	84 82 04,6D,xx xx xx xx	8	F, 32 bits	0	132	0	0	Date Time
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	§	Flow maximum stored at - 1	D5 86 04,3E,xx xx xx xx	8	H, 32 bits	Max	141	0	0	
		Flow maximum stored at - 2	95 87 04,3E,xx xx xx xx	8	H, 32 bits	Max	142	0	0	
		Flow maximum stored at - 3	D5 87 04,3E,xx xx xx xx	8	H, 32 bits	Max	143	0	0	
		Flow maximum stored at - 4	95 88 04,3E,xx xx xx xx	8	H, 32 bits	Max	144	0	0	
		Flow maximum stored at - 5	D5 88 04,3E,xx xx xx xx	8	H, 32 bits	Max	145	0	0	
		Flow maximum stored at - 6	95 89 04,3E,xx xx xx xx	8	H, 32 bits	Max	146	0	0	
		Flow maximum stored at - 7	D5 89 04,3E,xx xx xx xx	8	H, 32 bits	Max	147	0	0	
		Flow maximum stored at - 8	95 8A 04,3E,xx xx xx xx	8	H, 32 bits	Max	148	0	0	
		Flow maximum stored at - 9	D5 8A 04,3E,xx xx xx xx	8	H, 32 bits	Max	149	0	0	
		Flow maximum stored at - 10	95 8B 04,3E,xx xx xx xx	8	H, 32 bits	Max	150	0	0	
		Flow maximum stored at - 11	D5 8B 04,3E,xx xx xx xx	8	H, 32 bits	Max	151	0	0	
		Flow maximum stored at - 12	95 8C 04,3E,xx xx xx xx	8	H, 32 bits	Max	152	0	0	
		Flow maximum stored at - 13	D5 8C 04,3E,xx xx xx xx	8	H, 32 bits	Max	153	0	0	
		Flow maximum stored at - 14	95 8D 04,3E,xx xx xx xx	8	H, 32 bits	Max	154	0	0	
		Flow maximum stored at - 15	D5 8D 04,3E,xx xx xx xx	8	H, 32 bits	Max	155	0	0	
		Flow maximum stored at - 16	95 8E 04,3E,xx xx xx xx	8	H, 32 bits	Max	156	0	0	
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Flow maximum stored at - 17	D5 8E 04,3E,xx xx xx xx	8	H, 32 bits	Max	157	0	0	
	Flow maximum stored at - 18	95 8F 04,3E,xx xx xx xx	8	H, 32 bits	Max	158	0	0	
	Flow maximum stored at - 19	D5 8F 04,3E,xx xx xx xx	8	H, 32 bits	Max	159	0	0	
	Flow maximum stored at - 20	95 80 05,3E,xx xx xx xx	8	H, 32 bits	Max	160	0	0	
	Flow maximum stored at - 21	D5 80 05,3E,xx xx xx xx	8	H, 32 bits	Max	161	0	0	
	Flow maximum stored at - 22	95 81 05,3E,xx xx xx xx	8	H, 32 bits	Max	162	0	0	
	Flow maximum stored at - 23	D5 81 05,3E,xx xx xx xx	8	H, 32 bits	Max	163	0	0	
	Flow maximum stored at - 24	95 82 05,3E,xx xx xx xx	8	H, 32 bits	Max	164	0	0	
	Flow maximum stored at - 25	D5 82 05,3E,xx xx xx xx	8	H, 32 bits	Max	165	0	0	
	Flow maximum stored at - 26	95 83 05,3E,xx xx xx xx	8	H, 32 bits	Max	166	0	0	
	Flow maximum stored at - 27	D5 83 05,3E,xx xx xx xx	8	H, 32 bits	Max	167	0	0	
	Flow maximum stored at - 28	95 84 05,3E,xx xx xx xx	8	H, 32 bits	Max	168	0	0	
	Flow maximum stored at - 29	D5 84 05,3E,xx xx xx xx	8	H, 32 bits	Max	169	0	0	
	Flow maximum stored at - 30	95 85 05,3E,xx xx xx xx	8	H, 32 bits	Max	170	0	0	
	Flow maximum stored at - 31	D5 85 05,3E,xx xx xx xx	8	H, 32 bits	Max	171	0	0	
	Flow maximum stored at - 32	95 86 05,3E,xx xx xx xx	8	H, 32 bits	Max	172	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	§	Flow maximum date/time stored at - 1	C4 86 04,6D,xx xx xx xx	8	F, 32 bits	0	141	0	0	
		Flow maximum date/time stored at - 2	84 87 04,6D,xx xx xx xx	8	F, 32 bits	0	142	0	0	
		Flow maximum date/time stored at - 3	C4 87 04,6D,xx xx xx xx	8	F, 32 bits	0	143	0	0	
		Flow maximum date/time stored at - 4	84 88 04,6D,xx xx xx xx	8	F, 32 bits	0	144	0	0	
		Flow maximum date/time stored at - 5	C4 88 04,6D,xx xx xx xx	8	F, 32 bits	0	145	0	0	
		Flow maximum date/time stored at - 6	84 89 04,6D,xx xx xx xx	8	F, 32 bits	0	146	0	0	
		Flow maximum date/time stored at - 7	C4 89 04,6D,xx xx xx xx	8	F, 32 bits	0	147	0	0	
		Flow maximum date/time stored at - 8	84 8A 04,6D,xx xx xx xx	8	F, 32 bits	0	148	0	0	
		Flow maximum date/time stored at - 9	C4 8A 04,6D,xx xx xx xx	8	F, 32 bits	0	149	0	0	
		Flow maximum date/time stored at - 10	84 8B 04,6D,xx xx xx xx	8	F, 32 bits	0	150	0	0	
		Flow maximum date/time stored at - 11	C4 8B 04,6D,xx xx xx xx	8	F, 32 bits	0	151	0	0	
		Flow maximum date/time stored at - 12	84 8C 04,6D,xx xx xx xx	8	F, 32 bits	0	152	0	0	
		Flow maximum date/time stored at - 13	C4 8C 04,6D,xx xx xx xx	8	F, 32 bits	0	153	0	0	
		Flow maximum date/time stored at - 14	84 8D 04,6D,xx xx xx xx	8	F, 32 bits	0	154	0	0	
		Flow maximum date/time stored at - 15	C4 8D 04,6D,xx xx xx xx	8	F, 32 bits	0	155	0	0	
		Flow maximum date/time stored at - 16	84 8E 04,6D,xx xx xx xx	8	F, 32 bits	0	156	0	0	
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Flow maximum date/time stored at - 17	C4 8E 04,6D,xx xx xx xx	8	F, 32 bits	0	157	0	0	
	Flow maximum date/time stored at - 18	84 8F 04,6D,xx xx xx xx	8	F, 32 bits	0	158	0	0	
	Flow maximum date/time stored at - 19	C4 8F 04,6D,xx xx xx xx	8	F, 32 bits	0	159	0	0	
	Flow maximum date/time stored at - 20	84 80 05,6D,xx xx xx xx	8	F, 32 bits	0	160	0	0	
	Flow maximum date/time stored at - 21	C4 80 05,6D,xx xx xx xx	8	F, 32 bits	0	161	0	0	
	Flow maximum date/time stored at - 22	84 81 05,6D,xx xx xx xx	8	F, 32 bits	0	162	0	0	
	Flow maximum date/time stored at - 23	C4 81 05,6D,xx xx xx xx	8	F, 32 bits	0	163	0	0	
	Flow maximum date/time stored at - 24	84 82 05,6D,xx xx xx xx	8	F, 32 bits	0	164	0	0	
	Flow maximum date/time stored at - 25	C4 82 05,6D,xx xx xx xx	8	F, 32 bits	0	165	0	0	
	Flow maximum date/time stored at - 26	84 83 05,6D,xx xx xx xx	8	F, 32 bits	0	166	0	0	
	Flow maximum date/time stored at - 27	C4 83 05,6D,xx xx xx xx	8	F, 32 bits	0	167	0	0	
	Flow maximum date/time stored at - 28	84 84 05,6D,xx xx xx xx	8	F, 32 bits	0	168	0	0	
	Flow maximum date/time stored at - 29	C4 84 05,6D,xx xx xx xx	8	F, 32 bits	0	169	0	0	
	Flow maximum date/time stored at - 30	84 85 05,6D,xx xx xx xx	8	F, 32 bits	0	170	0	0	
	Flow maximum date/time stored at - 31	C4 85 05,6D,xx xx xx xx	8	F, 32 bits	0	171	0	0	
	Flow maximum date/time stored at - 32	84 86 05,6D,xx xx xx xx	8	F, 32 bits	0	172	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Temperature high maximum stored at - 1	D5 8A 05,5B,xx xx xx xx	8	H, 32 bits	Max	181	0	0	
	Temperature high maximum stored at - 2	95 8B 05,5B,xx xx xx xx	8	H, 32 bits	Max	182	0	0	
	Temperature high maximum stored at - 3	D5 8B 05,5B,xx xx xx xx	8	H, 32 bits	Max	183	0	0	
	Temperature high maximum stored at - 4	95 8C 05,5B,xx xx xx xx	8	H, 32 bits	Max	184	0	0	
	Temperature high maximum stored at - 5	D5 8C 05,5B,xx xx xx xx	8	H, 32 bits	Max	185	0	0	
	Temperature high maximum stored at - 6	95 8D 05,5B,xx xx xx xx	8	H, 32 bits	Max	186	0	0	
	Temperature high maximum stored at - 7	D5 8D 05,5B,xx xx xx xx	8	H, 32 bits	Max	187	0	0	
	Temperature high maximum stored at - 8	95 8E 05,5B,xx xx xx xx	8	H, 32 bits	Max	188	0	0	
	Temperature high maximum stored at - 9	D5 8E 05,5B,xx xx xx xx	8	H, 32 bits	Max	189	0	0	
	Temperature high maximum stored at - 10	95 8F 05,5B,xx xx xx xx	8	H, 32 bits	Max	190	0	0	
	Temperature high maximum stored at - 11	D5 8F 05,5B,xx xx xx xx	8	H, 32 bits	Max	191	0	0	
	Temperature high maximum stored at - 12	95 80 06,5B,xx xx xx xx	8	H, 32 bits	Max	192	0	0	
	Temperature high maximum stored at - 13	D5 80 06,5B,xx xx xx xx	8	H, 32 bits	Max	193	0	0	
	Temperature high maximum stored at - 14	95 81 06,5B,xx xx xx xx	8	H, 32 bits	Max	194	0	0	
	Temperature high maximum stored at - 15	D5 81 06,5B,xx xx xx xx	8	H, 32 bits	Max	195	0	0	
	Temperature high maximum stored at - 16	95 82 06,5B,xx xx xx xx	8	H, 32 bits	Max	196	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Temperature high maximum stored at - 17	D5 82 06,5B,xx xx xx xx	8	H, 32 bits	Max	197	0	0	
	Temperature high maximum stored at - 18	95 83 06,5B,xx xx xx xx	8	H, 32 bits	Max	198	0	0	
	Temperature high maximum stored at - 19	D5 84 06,5B,xx xx xx xx	8	H, 32 bits	Max	199	0	0	
	Temperature high maximum stored at - 20	95 84 06,5B,xx xx xx xx	8	H, 32 bits	Max	200	0	0	
	Temperature high maximum stored at - 21	D5 85 06,5B,xx xx xx xx	8	H, 32 bits	Max	201	0	0	
	Temperature high maximum stored at - 22	95 85 06,5B,xx xx xx xx	8	H, 32 bits	Max	202	0	0	
	Temperature high maximum stored at - 23	D5 86 06,5B,xx xx xx xx	8	H, 32 bits	Max	203	0	0	
	Temperature high maximum stored at - 24	95 86 06,5B,xx xx xx xx	8	H, 32 bits	Max	204	0	0	
	Temperature high maximum stored at - 25	D5 87 06,5B,xx xx xx xx	8	H, 32 bits	Max	205	0	0	
	Temperature high maximum stored at - 26	95 87 06,5B,xx xx xx xx	8	H, 32 bits	Max	206	0	0	
	Temperature high maximum stored at - 27	D5 88 06,5B,xx xx xx xx	8	H, 32 bits	Max	207	0	0	
	Temperature high maximum stored at - 28	95 88 06,5B,xx xx xx xx	8	H, 32 bits	Max	208	0	0	
	Temperature high maximum stored at - 29	D5 89 06,5B,xx xx xx xx	8	H, 32 bits	Max	209	0	0	
	Temperature high maximum stored at - 30	95 89 06,5B,xx xx xx xx	8	H, 32 bits	Max	210	0	0	
	Temperature high maximum stored at - 31	D5 8A 06,5B,xx xx xx xx	8	H, 32 bits	Max	211	0	0	
	Temperature high maximum stored at - 32	95 8A 06,5B,xx xx xx xx	8	H, 32 bits	Max	212	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Temperature high maximum date/time stored at - 1	C4 8A 05,6D,xx xx xx xx	8	F, 32 bits	0	181	0	0	
	Temperature high maximum date/time stored at - 2	84 8B 05,6D,xx xx xx xx	8	F, 32 bits	0	182	0	0	
	Temperature high maximum date/time stored at - 3	C4 8B 05,6D,xx xx xx xx	8	F, 32 bits	0	183	0	0	
	Temperature high maximum date/time stored at - 4	84 8C 05,6D,xx xx xx xx	8	F, 32 bits	0	184	0	0	
	Temperature high maximum date/time stored at - 5	C4 8C 05,6D,xx xx xx xx	8	F, 32 bits	0	185	0	0	
	Temperature high maximum date/time stored at - 6	84 8D 05,6D,xx xx xx xx	8	F, 32 bits	0	186	0	0	
	Temperature high maximum date/time stored at - 7	C4 8D 05,6D,xx xx xx xx	8	F, 32 bits	0	187	0	0	
	Temperature high maximum date/time stored at - 8	84 8E 05,6D,xx xx xx xx	8	F, 32 bits	0	188	0	0	
	Temperature high maximum date/time stored at - 9	C4 8E 05,6D,xx xx xx xx	8	F, 32 bits	0	189	0	0	
	Temperature high maximum date/time stored at - 10	84 8F 05,6D,xx xx xx xx	8	F, 32 bits	0	190	0	0	
	Temperature high maximum date/time stored at - 11	C4 8F 05,6D,xx xx xx xx	8	F, 32 bits	0	191	0	0	
	Temperature high maximum date/time stored at - 12	84 80 06,6D,xx xx xx xx	8	F, 32 bits	0	192	0	0	
	Temperature high maximum date/time stored at - 13	C4 80 06,6D,xx xx xx xx	8	F, 32 bits	0	193	0	0	
	Temperature high maximum date/time stored at - 14	84 81 06,6D,xx xx xx xx	8	F, 32 bits	0	194	0	0	
	Temperature high maximum date/time stored at - 15	C4 81 06,6D,xx xx xx xx	8	F, 32 bits	0	195	0	0	
	Temperature high maximum date/time stored at - 16	84 82 06,6D,xx xx xx xx	8	F, 32 bits	0	196	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Temperature high maximum date/time stored at - 17	C4 82 06,6D,xx xx xx xx	8	F, 32 bits	0	197	0	0	
	Temperature high maximum date/time stored at - 18	84 83 06,6D,xx xx xx xx	8	F, 32 bits	0	198	0	0	
	Temperature high maximum date/time stored at - 19	C4 84 06,6D,xx xx xx xx	8	F, 32 bits	0	199	0	0	
	Temperature high maximum date/time stored at - 20	84 84 06,6D,xx xx xx xx	8	F, 32 bits	0	200	0	0	
	Temperature high maximum date/time stored at - 21	C4 85 06,6D,xx xx xx xx	8	F, 32 bits	0	201	0	0	
	Temperature high maximum date/time stored at - 22	84 85 06,6D,xx xx xx xx	8	F, 32 bits	0	202	0	0	
	Temperature high maximum date/time stored at - 23	C4 86 06,6D,xx xx xx xx	8	F, 32 bits	0	203	0	0	
	Temperature high maximum date/time stored at - 24	84 86 06,6D,xx xx xx xx	8	F, 32 bits	0	204	0	0	
	Temperature high maximum date/time stored at - 25	C4 87 06,6D,xx xx xx xx	8	F, 32 bits	0	205	0	0	
	Temperature high maximum date/time stored at - 26	84 87 06,6D,xx xx xx xx	8	F, 32 bits	0	206	0	0	
	Temperature high maximum date/time stored at - 27	C4 88 06,6D,xx xx xx xx	8	F, 32 bits	0	207	0	0	
	Temperature high maximum date/time stored at - 28	84 88 06,6D,xx xx xx xx	8	F, 32 bits	0	208	0	0	
	Temperature high maximum date/time stored at - 29	C4 89 06,6D,xx xx xx xx	8	F, 32 bits	0	209	0	0	
	Temperature high maximum date/time stored at - 30	84 89 06,6D,xx xx xx xx	8	F, 32 bits	0	210	0	0	
	Temperature high maximum date/time stored at - 31	C4 8A 06,6D,xx xx xx xx	8	F, 32 bits	0	211	0	0	
	Temperature high maximum date/time stored at - 32	84 8A 06,6D,xx xx xx xx	8	F, 32 bits	0	212	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes							
Header	Start, Length	#NOM?	4	See Note 1						
	Control	08	1	Respond with user data, RSP_UD						
	Address	xx	1							
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header			0	*Coding*						
	Identification number	xx xx xx xx	4	A, 32 bits						
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits						
	Generation of meter	0D	1	C, 8 bits						
	Measured media: Heat	04	1	D, 8 bits						
	Access number	xx	1	C, 8 bits						
	Status	xx	1	Ds, 8 bits						
	Signature (not used)	00 00	2	C, 16 bits						
User Data Records			0	*Coding*	*Fund*	*Stora*	*Tar*	*Dev*	*Value Info*	
	Temperature low maximum stored at - 1	D5 8E 06,5F,xx xx xx xx	8	H, 32 bits	Max	221	0	0		
	Temperature low maximum stored at - 2	95 8F 06,5F,xx xx xx xx	8	H, 32 bits	Max	222	0	0		
	Temperature low maximum stored at - 3	D5 8F 06,5F,xx xx xx xx	8	H, 32 bits	Max	223	0	0		
	Temperature low maximum stored at - 4	95 80 07,5F,xx xx xx xx	8	H, 32 bits	Max	224	0	0		
	Temperature low maximum stored at - 5	D5 80 07,5F,xx xx xx xx	8	H, 32 bits	Max	225	0	0		
	Temperature low maximum stored at - 6	95 81 07,5F,xx xx xx xx	8	H, 32 bits	Max	226	0	0		
	Temperature low maximum stored at - 7	D5 81 07,5F,xx xx xx xx	8	H, 32 bits	Max	227	0	0		
	Temperature low maximum stored at - 8	95 82 07,5F,xx xx xx xx	8	H, 32 bits	Max	228	0	0		
	Temperature low maximum stored at - 9	D5 82 07,5F,xx xx xx xx	8	H, 32 bits	Max	229	0	0		
	Temperature low maximum stored at - 10	95 83 07,5F,xx xx xx xx	8	H, 32 bits	Max	230	0	0		
	Temperature low maximum stored at - 11	D5 83 07,5F,xx xx xx xx	8	H, 32 bits	Max	231	0	0		
	Temperature low maximum stored at - 12	95 84 07,5F,xx xx xx xx	8	H, 32 bits	Max	232	0	0		
	Temperature low maximum stored at - 13	D5 84 07,5F,xx xx xx xx	8	H, 32 bits	Max	233	0	0		
	Temperature low maximum stored at - 14	95 85 07,5F,xx xx xx xx	8	H, 32 bits	Max	234	0	0		
	Temperature low maximum stored at - 15	D5 85 07,5F,xx xx xx xx	8	H, 32 bits	Max	235	0	0		
	Temperature low maximum stored at - 16	95 86 07,5F,xx xx xx xx	8	H, 32 bits	Max	236	0	0		
	More records in next telegram	mo	1	Special function: start of manufacturer specific data						
End	Check Sum	xx	1	See Note 2						
	Stop	16	1							

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes							
Header	Start, Length	#NOM?	4	See Note 1						
	Control	08	1	Respond with user data, RSP_UD						
	Address	xx	1							
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header			0	*Coding*						
	Identification number	xx xx xx xx	4	A, 32 bits						
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits						
	Generation of meter	0D	1	C, 8 bits						
	Measured media: Heat	04	1	D, 8 bits						
	Access number	xx	1	C, 8 bits						
	Status	xx	1	Ds, 8 bits						
	Signature (not used)	00 00	2	C, 16 bits						
User Data Records			0	*Coding*	*Fund*	*Stora*	*Tar*	*Dev*	*Value Info*	
	Temperature low maximum stored at - 17	D5 86 07,5F,xx xx xx xx	8	H, 32 bits	Max	237	0	0		
	Temperature low maximum stored at - 18	95 87 07,5F,xx xx xx xx	8	H, 32 bits	Max	238	0	0		
	Temperature low maximum stored at - 19	D5 87 07,5F,xx xx xx xx	8	H, 32 bits	Max	239	0	0		
	Temperature low maximum stored at - 20	95 88 07,5F,xx xx xx xx	8	H, 32 bits	Max	240	0	0		
	Temperature low maximum stored at - 21	D5 88 07,5F,xx xx xx xx	8	H, 32 bits	Max	241	0	0		
	Temperature low maximum stored at - 22	95 89 07,5F,xx xx xx xx	8	H, 32 bits	Max	242	0	0		
	Temperature low maximum stored at - 23	D5 89 07,5F,xx xx xx xx	8	H, 32 bits	Max	243	0	0		
	Temperature low maximum stored at - 24	95 8A 07,5F,xx xx xx xx	8	H, 32 bits	Max	244	0	0		
	Temperature low maximum stored at - 25	D5 8A 07,5F,xx xx xx xx	8	H, 32 bits	Max	245	0	0		
	Temperature low maximum stored at - 26	95 8B 07,5F,xx xx xx xx	8	H, 32 bits	Max	246	0	0		
	Temperature low maximum stored at - 27	D5 8B 07,5F,xx xx xx xx	8	H, 32 bits	Max	247	0	0		
	Temperature low maximum stored at - 28	95 8C 07,5F,xx xx xx xx	8	H, 32 bits	Max	248	0	0		
	Temperature low maximum stored at - 29	D5 8C 07,5F,xx xx xx xx	8	H, 32 bits	Max	249	0	0		
	Temperature low maximum stored at - 30	95 8D 07,5F,xx xx xx xx	8	H, 32 bits	Max	250	0	0		
	Temperature low maximum stored at - 31	D5 8D 07,5F,xx xx xx xx	8	H, 32 bits	Max	251	0	0		
	Temperature low maximum stored at - 32	95 8E 07,5F,xx xx xx xx	8	H, 32 bits	Max	252	0	0		
	More records in next telegram	mo	1	Special function: start of manufacturer specific data						
End	Check Sum	xx	1	See Note 2						
	Stop	16	1							

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fund*	*Stora*	*Tar*	*Dev*	*Value Info*
	Temperature low maximum date/time stored at - 1	C4 8E 06,6D,xx xx xx xx	8	F, 32 bits	0	221	0	0	
	Temperature low maximum date/time stored at - 2	84 8F 06,6D,xx xx xx xx	8	F, 32 bits	0	222	0	0	
	Temperature low maximum date/time stored at - 3	C4 8F 06,6D,xx xx xx xx	8	F, 32 bits	0	223	0	0	
	Temperature low maximum date/time stored at - 4	84 80 07,6D,xx xx xx xx	8	F, 32 bits	0	224	0	0	
	Temperature low maximum date/time stored at - 5	C4 80 07,6D,xx xx xx xx	8	F, 32 bits	0	225	0	0	
	Temperature low maximum date/time stored at - 6	84 81 07,6D,xx xx xx xx	8	F, 32 bits	0	226	0	0	
	Temperature low maximum date/time stored at - 7	C4 81 07,6D,xx xx xx xx	8	F, 32 bits	0	227	0	0	
	Temperature low maximum date/time stored at - 8	84 82 07,6D,xx xx xx xx	8	F, 32 bits	0	228	0	0	
	Temperature low maximum date/time stored at - 9	C4 82 07,6D,xx xx xx xx	8	F, 32 bits	0	229	0	0	
	Temperature low maximum date/time stored at - 10	84 83 07,6D,xx xx xx xx	8	F, 32 bits	0	230	0	0	
	Temperature low maximum date/time stored at - 11	C4 83 07,6D,xx xx xx xx	8	F, 32 bits	0	231	0	0	
	Temperature low maximum date/time stored at - 12	84 84 07,6D,xx xx xx xx	8	F, 32 bits	0	232	0	0	
	Temperature low maximum date/time stored at - 13	C4 84 07,6D,xx xx xx xx	8	F, 32 bits	0	233	0	0	
	Temperature low maximum date/time stored at - 14	84 85 07,6D,xx xx xx xx	8	F, 32 bits	0	234	0	0	
	Temperature low maximum date/time stored at - 15	C4 85 07,6D,xx xx xx xx	8	F, 32 bits	0	235	0	0	
	Temperature low maximum date/time stored at - 16	84 86 07,6D,xx xx xx xx	8	F, 32 bits	0	236	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fund*	*Stora*	*Tar*	*Dev*	*Value Info*
	Temperature low maximum date/time stored at - 17	C4 86 07,6D,xx xx xx xx	8	F, 32 bits	0	237	0	0	
	Temperature low maximum date/time stored at - 18	84 87 07,6D,xx xx xx xx	8	F, 32 bits	0	238	0	0	
	Temperature low maximum date/time stored at - 19	C4 87 07,6D,xx xx xx xx	8	F, 32 bits	0	239	0	0	
	Temperature low maximum date/time stored at - 20	84 88 07,6D,xx xx xx xx	8	F, 32 bits	0	240	0	0	
	Temperature low maximum date/time stored at - 21	C4 88 07,6D,xx xx xx xx	8	F, 32 bits	0	241	0	0	
	Temperature low maximum date/time stored at - 22	84 89 07,6D,xx xx xx xx	8	F, 32 bits	0	242	0	0	
	Temperature low maximum date/time stored at - 23	C4 89 07,6D,xx xx xx xx	8	F, 32 bits	0	243	0	0	
	Temperature low maximum date/time stored at - 24	84 8A 07,6D,xx xx xx xx	8	F, 32 bits	0	244	0	0	
	Temperature low maximum date/time stored at - 25	C4 8A 07,6D,xx xx xx xx	8	F, 32 bits	0	245	0	0	
	Temperature low maximum date/time stored at - 26	84 8B 07,6D,xx xx xx xx	8	F, 32 bits	0	246	0	0	
	Temperature low maximum date/time stored at - 27	C4 8B 07,6D,xx xx xx xx	8	F, 32 bits	0	247	0	0	
	Temperature low maximum date/time stored at - 28	84 8C 07,6D,xx xx xx xx	8	F, 32 bits	0	248	0	0	
	Temperature low maximum date/time stored at - 29	C4 8C 07,6D,xx xx xx xx	8	F, 32 bits	0	249	0	0	
	Temperature low maximum date/time stored at - 30	84 8D 07,6D,xx xx xx xx	8	F, 32 bits	0	250	0	0	
	Temperature low maximum date/time stored at - 31	C4 8D 07,6D,xx xx xx xx	8	F, 32 bits	0	251	0	0	
	Temperature low maximum date/time stored at - 32	84 8E 07,6D,xx xx xx xx	8	F, 32 bits	0	252	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Delta temperature maximum stored at - 1	D5 82 08,63,xx xx xx xx	8	H, 32 bits	Max	261	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 2	95 83 08,63,xx xx xx xx	8	H, 32 bits	Max	262	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 3	D5 83 08,63,xx xx xx xx	8	H, 32 bits	Max	263	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 4	95 84 08,63,xx xx xx xx	8	H, 32 bits	Max	264	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 5	D5 84 08,63,xx xx xx xx	8	H, 32 bits	Max	265	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 6	95 85 08,63,xx xx xx xx	8	H, 32 bits	Max	266	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 7	D5 85 08,63,xx xx xx xx	8	H, 32 bits	Max	267	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 8	95 86 08,63,xx xx xx xx	8	H, 32 bits	Max	268	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 9	D5 86 08,63,xx xx xx xx	8	H, 32 bits	Max	269	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 10	95 87 08,63,xx xx xx xx	8	H, 32 bits	Max	270	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 11	D5 87 08,63,xx xx xx xx	8	H, 32 bits	Max	271	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 12	95 88 08,63,xx xx xx xx	8	H, 32 bits	Max	272	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 13	D5 88 08,63,xx xx xx xx	8	H, 32 bits	Max	273	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 14	95 89 08,63,xx xx xx xx	8	H, 32 bits	Max	274	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 15	D5 89 08,63,xx xx xx xx	8	H, 32 bits	Max	275	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 16	95 8A 08,63,xx xx xx xx	8	H, 32 bits	Max	276	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Delta temperature maximum stored at - 17	D5 8A 08,63,xx xx xx xx	8	H, 32 bits	Max	277	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 18	95 8B 08,63,xx xx xx xx	8	H, 32 bits	Max	278	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 19	D5 8B 08,63,xx xx xx xx	8	H, 32 bits	Max	279	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 20	95 8C 08,63,xx xx xx xx	8	H, 32 bits	Max	280	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 21	D5 8C 08,63,xx xx xx xx	8	H, 32 bits	Max	281	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 22	95 8D 08,63,xx xx xx xx	8	H, 32 bits	Max	282	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 23	D5 8D 08,63,xx xx xx xx	8	H, 32 bits	Max	283	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 24	95 8E 08,63,xx xx xx xx	8	H, 32 bits	Max	284	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 25	D5 8E 08,63,xx xx xx xx	8	H, 32 bits	Max	285	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 26	95 8F 08,63,xx xx xx xx	8	H, 32 bits	Max	286	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 27	D5 8F 08,63,xx xx xx xx	8	H, 32 bits	Max	287	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 28	95 80 09,63,xx xx xx xx	8	H, 32 bits	Max	288	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 29	D5 80 09,63,xx xx xx xx	8	H, 32 bits	Max	289	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 30	95 81 09,63,xx xx xx xx	8	H, 32 bits	Max	290	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 31	D5 81 09,63,xx xx xx xx	8	H, 32 bits	Max	291	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 32	95 82 09,63,xx xx xx xx	8	H, 32 bits	Max	292	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Delta temperature maximum date/time stored at - 1	C4 82 08,6D,xx xx xx xx	8	F, 32 bits	0	261	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 2	84 83 08,6D,xx xx xx xx	8	F, 32 bits	0	262	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 3	C4 83 08,6D,xx xx xx xx	8	F, 32 bits	0	263	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 4	84 84 08,6D,xx xx xx xx	8	F, 32 bits	0	264	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 5	C4 84 08,6D,xx xx xx xx	8	F, 32 bits	0	265	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 6	84 85 08,6D,xx xx xx xx	8	F, 32 bits	0	266	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 7	C4 85 08,6D,xx xx xx xx	8	F, 32 bits	0	267	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 8	84 86 08,6D,xx xx xx xx	8	F, 32 bits	0	268	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 9	C4 86 08,6D,xx xx xx xx	8	F, 32 bits	0	269	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 10	84 87 08,6D,xx xx xx xx	8	F, 32 bits	0	270	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 11	C4 87 08,6D,xx xx xx xx	8	F, 32 bits	0	271	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 12	84 88 08,6D,xx xx xx xx	8	F, 32 bits	0	272	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 13	C4 88 08,6D,xx xx xx xx	8	F, 32 bits	0	273	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 14	84 89 08,6D,xx xx xx xx	8	F, 32 bits	0	274	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 15	C4 89 08,6D,xx xx xx xx	8	F, 32 bits	0	275	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 16	84 8A 08,6D,xx xx xx xx	8	F, 32 bits	0	276	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Delta temperature maximum date/time stored at - 17	C4 8A 08,6D,xx xx xx xx	8	F, 32 bits	0	277	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 18	84 8B 08,6D,xx xx xx xx	8	F, 32 bits	0	278	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 19	C4 8B 08,6D,xx xx xx xx	8	F, 32 bits	0	279	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 20	84 8C 08,6D,xx xx xx xx	8	F, 32 bits	0	280	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 21	C4 8C 08,6D,xx xx xx xx	8	F, 32 bits	0	281	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 22	84 8D 08,6D,xx xx xx xx	8	F, 32 bits	0	282	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 23	C4 8D 08,6D,xx xx xx xx	8	F, 32 bits	0	283	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 24	84 8E 08,6D,xx xx xx xx	8	F, 32 bits	0	284	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 25	C4 8E 08,6D,xx xx xx xx	8	F, 32 bits	0	285	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 26	84 8F 08,6D,xx xx xx xx	8	F, 32 bits	0	286	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 27	C4 8F 08,6D,xx xx xx xx	8	F, 32 bits	0	287	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 28	84 80 09,6D,xx xx xx xx	8	F, 32 bits	0	288	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 29	C4 80 09,6D,xx xx xx xx	8	F, 32 bits	0	289	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 30	84 81 09,6D,xx xx xx xx	8	F, 32 bits	0	290	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 31	C4 81 09,6D,xx xx xx xx	8	F, 32 bits	0	291	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 32	84 82 09,6D,xx xx xx xx	8	F, 32 bits	0	292	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes							
Header	Start, Length	#NOM?	4	See Note 1						
	Control	08	1	Respond with user data, RSP_UD						
	Address	xx	1							
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header			0	*Coding*						
	Identification number	xx xx xx xx	4	A, 32 bits						
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits						
	Generation of meter	0D	1	C, 8 bits						
	Measured media: Heat	04	1	D, 8 bits						
	Access number	xx	1	C, 8 bits						
	Status	xx	1	Ds, 8 bits						
	Signature (not used)	00 00	2	C, 16 bits						
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tar*	*Dev*	*Value Info*	
	Complementary counter 1 maximum stored at - 1	D5 C6 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	301	0	1		
	Complementary counter 1 maximum stored at - 2	95 C7 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	302	0	1		
	Complementary counter 1 maximum stored at - 3	D5 C7 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	303	0	1		
	Complementary counter 1 maximum stored at - 4	95 C8 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	304	0	1		
	Complementary counter 1 maximum stored at - 5	D5 C8 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	305	0	1		
	Complementary counter 1 maximum stored at - 6	95 C9 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	306	0	1		
	Complementary counter 1 maximum stored at - 7	D5 C9 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	307	0	1		
	Complementary counter 1 maximum stored at - 8	95 CA 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	308	0	1		
	Complementary counter 1 maximum stored at - 9	D5 CA 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	1		
	Complementary counter 1 maximum stored at - 10	95 CB 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	1		
	Complementary counter 1 maximum stored at - 11	D5 CB 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	1		
	Complementary counter 1 maximum stored at - 12	95 CC 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	1		
	Complementary counter 1 maximum stored at - 13	D5 CC 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	1		
	Complementary counter 1 maximum stored at - 14	95 CD 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	1		
	Complementary counter 1 maximum stored at - 15	D5 CD 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	1		
	Complementary counter 1 maximum stored at - 16	95 CE 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	1		
	More records in next telegram	mo	1	Special function: start of manufacturer specific data						
End	Check Sum	xx	1	See Note 2						
	Stop	16	1							

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tari*	*Dev*	*Value Info*
	Complementary counter 1 maximum stored at - 17	D5 CE 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	317	0	1	
	Complementary counter 1 maximum stored at - 18	95 CF 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	318	0	1	
	Complementary counter 1 maximum stored at - 19	D5 CF 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	319	0	1	
	Complementary counter 1 maximum stored at - 20	95 C0 0A,ci ci,xx xx xx xx	9	H, 32 bits	Max	320	0	1	
	Complementary counter 1 maximum stored at - 21	D5 C0 0A,ci ci,xx xx xx xx	9	H, 32 bits	Max	321	0	1	
	Complementary counter 1 maximum stored at - 22	95 C1 0A,ci ci,xx xx xx xx	9	H, 32 bits	Max	322	0	1	
	Complementary counter 1 maximum stored at - 23	D5 C1 0A,ci ci,xx xx xx xx	9	H, 32 bits	Max	323	0	1	
	Complementary counter 1 maximum stored at - 24	95 C2 0A,ci ci,xx xx xx xx	9	H, 32 bits	Max	324	0	1	
	Complementary counter 1 maximum stored at - 25	D5 C2 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	1	
	Complementary counter 1 maximum stored at - 26	95 C3 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	1	
	Complementary counter 1 maximum stored at - 27	D5 C3 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	1	
	Complementary counter 1 maximum stored at - 28	95 C4 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	1	
	Complementary counter 1 maximum stored at - 29	D5 C4 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	1	
	Complementary counter 1 maximum stored at - 30	95 C5 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	1	
	Complementary counter 1 maximum stored at - 31	D5 C5 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	1	
	Complementary counter 1 maximum stored at - 32	95 C6 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	1	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 1 maximum date/time stored at - 1	C4 C6 09,6D,xx xx xx xx	8	F, 32 bits	0	301	0	1	
	Complementary counter 1 maximum date/time stored at - 2	84 C7 09,6D,xx xx xx xx	8	F, 32 bits	0	302	0	1	
	Complementary counter 1 maximum date/time stored at - 3	C4 C7 09,6D,xx xx xx xx	8	F, 32 bits	0	303	0	1	
	Complementary counter 1 maximum date/time stored at - 4	84 C8 09,6D,xx xx xx xx	8	F, 32 bits	0	304	0	1	
	Complementary counter 1 maximum date/time stored at - 5	C4 C8 09,6D,xx xx xx xx	8	F, 32 bits	0	305	0	1	
	Complementary counter 1 maximum date/time stored at - 6	84 C9 09,6D,xx xx xx xx	8	F, 32 bits	0	306	0	1	
	Complementary counter 1 maximum date/time stored at - 7	C4 C9 09,6D,xx xx xx xx	8	F, 32 bits	0	307	0	1	
	Complementary counter 1 maximum date/time stored at - 8	84 CA 09,6D,xx xx xx xx	8	F, 32 bits	0	308	0	1	
	Complementary counter 1 maximum date/time stored at - 9	C4 CA 09,6D,xx xx xx xx	8	F, 32 bits	0	309	0	1	
	Complementary counter 1 maximum date/time stored at - 10	84 CB 09,6D,xx xx xx xx	8	F, 32 bits	0	310	0	1	
	Complementary counter 1 maximum date/time stored at - 11	C4 CB 09,6D,xx xx xx xx	8	F, 32 bits	0	311	0	1	
	Complementary counter 1 maximum date/time stored at - 12	84 CC 09,6D,xx xx xx xx	8	F, 32 bits	0	312	0	1	
	Complementary counter 1 maximum date/time stored at - 13	C4 CC 09,6D,xx xx xx xx	8	F, 32 bits	0	313	0	1	
	Complementary counter 1 maximum date/time stored at - 14	84 CD 09,6D,xx xx xx xx	8	F, 32 bits	0	314	0	1	
	Complementary counter 1 maximum date/time stored at - 15	C4 CD 09,6D,xx xx xx xx	8	F, 32 bits	0	315	0	1	
	Complementary counter 1 maximum date/time stored at - 16	84 CE 09,6D,xx xx xx xx	8	F, 32 bits	0	316	0	1	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 1 maximum date/time stored at - 17	C4 CE 09,6D,xx xx xx xx	8	F, 32 bits	0	317	0	1	
	Complementary counter 1 maximum date/time stored at - 18	84 CF 09,6D,xx xx xx xx	8	F, 32 bits	0	318	0	1	
	Complementary counter 1 maximum date/time stored at - 19	C4 CF 09,6D,xx xx xx xx	8	F, 32 bits	0	319	0	1	
	Complementary counter 1 maximum date/time stored at - 20	84 C0 0A,6D,xx xx xx xx	8	F, 32 bits	0	320	0	1	
	Complementary counter 1 maximum date/time stored at - 21	C4 C0 0A,6D,xx xx xx xx	8	F, 32 bits	0	321	0	1	
	Complementary counter 1 maximum date/time stored at - 22	84 C1 0A,6D,xx xx xx xx	8	F, 32 bits	0	322	0	1	
	Complementary counter 1 maximum date/time stored at - 23	C4 C1 0A,6D,xx xx xx xx	8	F, 32 bits	0	323	0	1	
	Complementary counter 1 maximum date/time stored at - 24	84 C2 0A,6D,xx xx xx xx	8	F, 32 bits	0	324	0	1	
	Complementary counter 1 maximum date/time stored at - 25	C4 C2 0A,6D,xx xx xx xx	8	F, 32 bits	0	325	0	1	
	Complementary counter 1 maximum date/time stored at - 26	84 C3 0A,6D,xx xx xx xx	8	F, 32 bits	0	326	0	1	
	Complementary counter 1 maximum date/time stored at - 27	C4 C3 0A,6D,xx xx xx xx	8	F, 32 bits	0	327	0	1	
	Complementary counter 1 maximum date/time stored at - 28	84 C4 0A,6D,xx xx xx xx	8	F, 32 bits	0	328	0	1	
	Complementary counter 1 maximum date/time stored at - 29	C4 C4 0A,6D,xx xx xx xx	8	F, 32 bits	0	329	0	1	
	Complementary counter 1 maximum date/time stored at - 30	84 C5 0A,6D,xx xx xx xx	8	F, 32 bits	0	330	0	1	
	Complementary counter 1 maximum date/time stored at - 31	C4 C5 0A,6D,xx xx xx xx	8	F, 32 bits	0	331	0	1	
	Complementary counter 1 maximum date/time stored at - 32	84 C6 0A,6D,xx xx xx xx	8	F, 32 bits	0	332	0	1	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 2 maximum stored at - 1	D5 86 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	301	0	2	
	Complementary counter 2 maximum stored at - 2	95 87 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	302	0	2	
	Complementary counter 2 maximum stored at - 3	D5 87 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	303	0	2	
	Complementary counter 2 maximum stored at - 4	95 88 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	304	0	2	
	Complementary counter 2 maximum stored at - 5	D5 88 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	305	0	2	
	Complementary counter 2 maximum stored at - 6	95 89 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	306	0	2	
	Complementary counter 2 maximum stored at - 7	D5 89 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	307	0	2	
	Complementary counter 2 maximum stored at - 8	95 8A 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	308	0	2	
	Complementary counter 2 maximum stored at - 9	D5 8A 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	2	
	Complementary counter 2 maximum stored at - 10	95 8B 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	2	
	Complementary counter 2 maximum stored at - 11	D5 8B 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	2	
	Complementary counter 2 maximum stored at - 12	95 8C 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	2	
	Complementary counter 2 maximum stored at - 13	D5 8C 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	2	
	Complementary counter 2 maximum stored at - 14	95 8D 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	2	
	Complementary counter 2 maximum stored at - 15	D5 8D 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	2	
	Complementary counter 2 maximum stored at - 16	95 8E 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	2	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 2 maximum stored at - 17	D5 8E 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	317	0	2	
	Complementary counter 2 maximum stored at - 18	95 8F 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	318	0	2	
	Complementary counter 2 maximum stored at - 19	D5 8F 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	319	0	2	
	Complementary counter 2 maximum stored at - 20	95 80 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	320	0	2	
	Complementary counter 2 maximum stored at - 21	D5 80 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	321	0	2	
	Complementary counter 2 maximum stored at - 22	95 81 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	322	0	2	
	Complementary counter 2 maximum stored at - 23	D5 81 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	323	0	2	
	Complementary counter 2 maximum stored at - 24	95 82 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	324	0	2	
	Complementary counter 2 maximum stored at - 25	D5 82 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	2	
	Complementary counter 2 maximum stored at - 26	95 83 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	2	
	Complementary counter 2 maximum stored at - 27	D5 83 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	2	
	Complementary counter 2 maximum stored at - 28	95 84 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	2	
	Complementary counter 2 maximum stored at - 29	D5 84 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	2	
	Complementary counter 2 maximum stored at - 30	95 85 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	2	
	Complementary counter 2 maximum stored at - 31	D5 85 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	2	
	Complementary counter 2 maximum stored at - 32	95 86 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	2	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 2 maximum date/time stored at - 1	C4 86 49,6D,xx xx xx xx	8	F, 32 bits	0	301	0	2	
	Complementary counter 2 maximum date/time stored at - 2	84 87 49,6D,xx xx xx xx	8	F, 32 bits	0	302	0	2	
	Complementary counter 2 maximum date/time stored at - 3	C4 87 49,6D,xx xx xx xx	8	F, 32 bits	0	303	0	2	
	Complementary counter 2 maximum date/time stored at - 4	84 88 49,6D,xx xx xx xx	8	F, 32 bits	0	304	0	2	
	Complementary counter 2 maximum date/time stored at - 5	C4 88 49,6D,xx xx xx xx	8	F, 32 bits	0	305	0	2	
	Complementary counter 2 maximum date/time stored at - 6	84 89 49,6D,xx xx xx xx	8	F, 32 bits	0	306	0	2	
	Complementary counter 2 maximum date/time stored at - 7	C4 89 49,6D,xx xx xx xx	8	F, 32 bits	0	307	0	2	
	Complementary counter 2 maximum date/time stored at - 8	84 8A 49,6D,xx xx xx xx	8	F, 32 bits	0	308	0	2	
	Complementary counter 2 maximum date/time stored at - 9	C4 8A 49,6D,xx xx xx xx	8	F, 32 bits	0	309	0	2	
	Complementary counter 2 maximum date/time stored at - 10	84 8B 49,6D,xx xx xx xx	8	F, 32 bits	0	310	0	2	
	Complementary counter 2 maximum date/time stored at - 11	C4 8B 49,6D,xx xx xx xx	8	F, 32 bits	0	311	0	2	
	Complementary counter 2 maximum date/time stored at - 12	84 8C 49,6D,xx xx xx xx	8	F, 32 bits	0	312	0	2	
	Complementary counter 2 maximum date/time stored at - 13	C4 8C 49,6D,xx xx xx xx	8	F, 32 bits	0	313	0	2	
	Complementary counter 2 maximum date/time stored at - 14	84 8D 49,6D,xx xx xx xx	8	F, 32 bits	0	314	0	2	
	Complementary counter 2 maximum date/time stored at - 15	C4 8D 49,6D,xx xx xx xx	8	F, 32 bits	0	315	0	2	
	Complementary counter 2 maximum date/time stored at - 16	84 8E 49,6D,xx xx xx xx	8	F, 32 bits	0	316	0	2	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 2 maximum date/time stored at - 17	C4 8E 49,6D,xx xx xx xx	8	F, 32 bits	0	317	0	2	
	Complementary counter 2 maximum date/time stored at - 18	84 8F 49,6D,xx xx xx xx	8	F, 32 bits	0	318	0	2	
	Complementary counter 2 maximum date/time stored at - 19	C4 8F 49,6D,xx xx xx xx	8	F, 32 bits	0	319	0	2	
	Complementary counter 2 maximum date/time stored at - 20	84 80 4A,6D,xx xx xx xx	8	F, 32 bits	0	320	0	2	
	Complementary counter 2 maximum date/time stored at - 21	C4 80 4A,6D,xx xx xx xx	8	F, 32 bits	0	321	0	2	
	Complementary counter 2 maximum date/time stored at - 22	84 81 4A,6D,xx xx xx xx	8	F, 32 bits	0	322	0	2	
	Complementary counter 2 maximum date/time stored at - 23	C4 81 4A,6D,xx xx xx xx	8	F, 32 bits	0	323	0	2	
	Complementary counter 2 maximum date/time stored at - 24	84 82 4A,6D,xx xx xx xx	8	F, 32 bits	0	324	0	2	
	Complementary counter 2 maximum date/time stored at - 25	C4 82 4A,6D,xx xx xx xx	8	F, 32 bits	0	325	0	2	
	Complementary counter 2 maximum date/time stored at - 26	84 83 4A,6D,xx xx xx xx	8	F, 32 bits	0	326	0	2	
	Complementary counter 2 maximum date/time stored at - 27	C4 83 4A,6D,xx xx xx xx	8	F, 32 bits	0	327	0	2	
	Complementary counter 2 maximum date/time stored at - 28	84 84 4A,6D,xx xx xx xx	8	F, 32 bits	0	328	0	2	
	Complementary counter 2 maximum date/time stored at - 29	C4 84 4A,6D,xx xx xx xx	8	F, 32 bits	0	329	0	2	
	Complementary counter 2 maximum date/time stored at - 30	84 85 4A,6D,xx xx xx xx	8	F, 32 bits	0	330	0	2	
	Complementary counter 2 maximum date/time stored at - 31	C4 85 4A,6D,xx xx xx xx	8	F, 32 bits	0	331	0	2	
	Complementary counter 2 maximum date/time stored at - 32	84 86 4A,6D,xx xx xx xx	8	F, 32 bits	0	332	0	2	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 maximum stored at - 1	D5 C6 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	301	0	3	
	Complementary counter 3 maximum stored at - 2	95 C7 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	302	0	3	
	Complementary counter 3 maximum stored at - 3	D5 C7 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	303	0	3	
	Complementary counter 3 maximum stored at - 4	95 C8 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	304	0	3	
	Complementary counter 3 maximum stored at - 5	D5 C8 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	305	0	3	
	Complementary counter 3 maximum stored at - 6	95 C9 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	306	0	3	
	Complementary counter 3 maximum stored at - 7	D5 C9 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	307	0	3	
	Complementary counter 3 maximum stored at - 8	95 CA 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	308	0	3	
	Complementary counter 3 maximum stored at - 9	D5 CA 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	3	
	Complementary counter 3 maximum stored at - 10	95 CB 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	3	
	Complementary counter 3 maximum stored at - 11	D5 CB 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	3	
	Complementary counter 3 maximum stored at - 12	95 CC 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	3	
	Complementary counter 3 maximum stored at - 13	D5 CC 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	3	
	Complementary counter 3 maximum stored at - 14	95 CD 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	3	
	Complementary counter 3 maximum stored at - 15	D5 CD 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	3	
	Complementary counter 3 maximum stored at - 16	95 CE 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	3	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes							
Header	Start, Length	#NOM?	4	See Note 1						
	Control	08	1	Respond with user data, RSP_UD						
	Address	xx	1							
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header			0	*Coding*						
	Identification number	xx xx xx xx	4	A, 32 bits						
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits						
	Generation of meter	0D	1	C, 8 bits						
	Measured media: Heat	04	1	D, 8 bits						
	Access number	xx	1	C, 8 bits						
	Status	xx	1	Ds, 8 bits						
	Signature (not used)	00 00	2	C, 16 bits						
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tari*	*Dev*	*Value Info*	
	Complementary counter 3 maximum stored at - 17	D5 CE 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	317	0	3		
	Complementary counter 3 maximum stored at - 18	95 CF 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	318	0	3		
	Complementary counter 3 maximum stored at - 19	D5 CF 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	319	0	3		
	Complementary counter 3 maximum stored at - 20	95 C0 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	320	0	3		
	Complementary counter 3 maximum stored at - 21	D5 C0 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	321	0	3		
	Complementary counter 3 maximum stored at - 22	95 C1 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	322	0	3		
	Complementary counter 3 maximum stored at - 23	D5 C1 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	323	0	3		
	Complementary counter 3 maximum stored at - 24	95 C2 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	324	0	3		
	Complementary counter 3 maximum stored at - 25	D5 C2 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	3		
	Complementary counter 3 maximum stored at - 26	95 C3 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	3		
	Complementary counter 3 maximum stored at - 27	D5 C3 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	3		
	Complementary counter 3 maximum stored at - 28	95 C4 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	3		
	Complementary counter 3 maximum stored at - 29	D5 C4 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	3		
	Complementary counter 3 maximum stored at - 30	95 C5 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	3		
	Complementary counter 3 maximum stored at - 31	D5 C5 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	3		
	Complementary counter 3 maximum stored at - 32	95 C6 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	3		
	More records in next telegram	mo	1	Special function: start of manufacturer specific data						
End	Check Sum	xx	1	See Note 2						
	Stop	16	1							

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 maximum date/time stored at - 1	C4 C6 49,6D,xx xx xx xx	8	F, 32 bits	0	301	0	3	
	Complementary counter 3 maximum date/time stored at - 2	84 C7 49,6D,xx xx xx xx	8	F, 32 bits	0	302	0	3	
	Complementary counter 3 maximum date/time stored at - 3	C4 C7 49,6D,xx xx xx xx	8	F, 32 bits	0	303	0	3	
	Complementary counter 3 maximum date/time stored at - 4	84 C8 49,6D,xx xx xx xx	8	F, 32 bits	0	304	0	3	
	Complementary counter 3 maximum date/time stored at - 5	C4 C8 49,6D,xx xx xx xx	8	F, 32 bits	0	305	0	3	
	Complementary counter 3 maximum date/time stored at - 6	84 C9 49,6D,xx xx xx xx	8	F, 32 bits	0	306	0	3	
	Complementary counter 3 maximum date/time stored at - 7	C4 C9 49,6D,xx xx xx xx	8	F, 32 bits	0	307	0	3	
	Complementary counter 3 maximum date/time stored at - 8	84 CA 49,6D,xx xx xx xx	8	F, 32 bits	0	308	0	3	
	Complementary counter 3 maximum date/time stored at - 9	C4 CA 49,6D,xx xx xx xx	8	F, 32 bits	0	309	0	3	
	Complementary counter 3 maximum date/time stored at - 10	84 CB 49,6D,xx xx xx xx	8	F, 32 bits	0	310	0	3	
	Complementary counter 3 maximum date/time stored at - 11	C4 CB 49,6D,xx xx xx xx	8	F, 32 bits	0	311	0	3	
	Complementary counter 3 maximum date/time stored at - 12	84 CC 49,6D,xx xx xx xx	8	F, 32 bits	0	312	0	3	
	Complementary counter 3 maximum date/time stored at - 13	C4 CC 49,6D,xx xx xx xx	8	F, 32 bits	0	313	0	3	
	Complementary counter 3 maximum date/time stored at - 14	84 CD 49,6D,xx xx xx xx	8	F, 32 bits	0	314	0	3	
	Complementary counter 3 maximum date/time stored at - 15	C4 CD 49,6D,xx xx xx xx	8	F, 32 bits	0	315	0	3	
	Complementary counter 3 maximum date/time stored at - 16	84 CE 49,6D,xx xx xx xx	8	F, 32 bits	0	316	0	3	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 maximum date/time stored at - 17	C4 CE 49,6D,xx xx xx xx	8	F, 32 bits	0	317	0	3	
	Complementary counter 3 maximum date/time stored at - 18	84 CF 49,6D,xx xx xx xx	8	F, 32 bits	0	318	0	3	
	Complementary counter 3 maximum date/time stored at - 19	C4 CF 49,6D,xx xx xx xx	8	F, 32 bits	0	319	0	3	
	Complementary counter 3 maximum date/time stored at - 20	84 C0 4A,6D,xx xx xx xx	8	F, 32 bits	0	320	0	3	
	Complementary counter 3 maximum date/time stored at - 21	C4 C0 4A,6D,xx xx xx xx	8	F, 32 bits	0	321	0	3	
	Complementary counter 3 maximum date/time stored at - 22	84 C1 4A,6D,xx xx xx xx	8	F, 32 bits	0	322	0	3	
	Complementary counter 3 maximum date/time stored at - 23	C4 C1 4A,6D,xx xx xx xx	8	F, 32 bits	0	323	0	3	
	Complementary counter 3 maximum date/time stored at - 24	84 C2 4A,6D,xx xx xx xx	8	F, 32 bits	0	324	0	3	
	Complementary counter 3 maximum date/time stored at - 25	C4 C2 4A,6D,xx xx xx xx	8	F, 32 bits	0	325	0	3	
	Complementary counter 3 maximum date/time stored at - 26	84 C3 4A,6D,xx xx xx xx	8	F, 32 bits	0	326	0	3	
	Complementary counter 3 maximum date/time stored at - 27	C4 C3 4A,6D,xx xx xx xx	8	F, 32 bits	0	327	0	3	
	Complementary counter 3 maximum date/time stored at - 28	84 C4 4A,6D,xx xx xx xx	8	F, 32 bits	0	328	0	3	
	Complementary counter 3 maximum date/time stored at - 29	C4 C4 4A,6D,xx xx xx xx	8	F, 32 bits	0	329	0	3	
	Complementary counter 3 maximum date/time stored at - 30	84 C5 4A,6D,xx xx xx xx	8	F, 32 bits	0	330	0	3	
	Complementary counter 3 maximum date/time stored at - 31	C4 C5 4A,6D,xx xx xx xx	8	F, 32 bits	0	331	0	3	
	Complementary counter 3 maximum date/time stored at - 32	84 C6 4A,6D,xx xx xx xx	8	F, 32 bits	0	332	0	3	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 4 maximum stored at - 1	D5 86 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	301	0	4	
	Complementary counter 4 maximum stored at - 2	95 87 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	302	0	4	
	Complementary counter 4 maximum stored at - 3	D5 87 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	303	0	4	
	Complementary counter 4 maximum stored at - 4	95 88 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	304	0	4	
	Complementary counter 4 maximum stored at - 5	D5 88 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	305	0	4	
	Complementary counter 4 maximum stored at - 6	95 89 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	306	0	4	
	Complementary counter 4 maximum stored at - 7	D5 89 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	307	0	4	
	Complementary counter 4 maximum stored at - 8	95 8A 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	308	0	4	
	Complementary counter 4 maximum stored at - 9	D5 8A 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	4	
	Complementary counter 4 maximum stored at - 10	95 8B 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	4	
	Complementary counter 4 maximum stored at - 11	D5 8B 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	4	
	Complementary counter 4 maximum stored at - 12	95 8C 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	4	
	Complementary counter 4 maximum stored at - 13	D5 8C 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	4	
	Complementary counter 4 maximum stored at - 14	95 8D 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	4	
	Complementary counter 4 maximum stored at - 15	D5 8D 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	4	
	Complementary counter 4 maximum stored at - 16	95 8E 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	4	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 4 maximum stored at - 17	D5 8E 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	317	0	4	
	Complementary counter 4 maximum stored at - 18	95 8F 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	318	0	4	
	Complementary counter 4 maximum stored at - 19	D5 8F 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	319	0	4	
	Complementary counter 4 maximum stored at - 20	95 80 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	320	0	4	
	Complementary counter 4 maximum stored at - 21	D5 80 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	321	0	4	
	Complementary counter 4 maximum stored at - 22	95 81 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	322	0	4	
	Complementary counter 4 maximum stored at - 23	D5 81 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	323	0	4	
	Complementary counter 4 maximum stored at - 24	95 82 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	324	0	4	
	Complementary counter 4 maximum stored at - 25	D5 82 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	4	
	Complementary counter 4 maximum stored at - 26	95 83 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	4	
	Complementary counter 4 maximum stored at - 27	D5 83 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	4	
	Complementary counter 4 maximum stored at - 28	95 84 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	4	
	Complementary counter 4 maximum stored at - 29	D5 84 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	4	
	Complementary counter 4 maximum stored at - 30	95 85 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	4	
	Complementary counter 4 maximum stored at - 31	D5 85 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	4	
	Complementary counter 4 maximum stored at - 32	95 86 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	4	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 4 maximum date/time stored at - 1	C4 86 89 40,6D,xx xx xx xx	8	F, 32 bits	0	301	0	4	
	Complementary counter 4 maximum date/time stored at - 2	84 87 89 40,6D,xx xx xx xx	8	F, 32 bits	0	302	0	4	
	Complementary counter 4 maximum date/time stored at - 3	C4 87 89 40,6D,xx xx xx xx	8	F, 32 bits	0	303	0	4	
	Complementary counter 4 maximum date/time stored at - 4	84 88 89 40,6D,xx xx xx xx	8	F, 32 bits	0	304	0	4	
	Complementary counter 4 maximum date/time stored at - 5	C4 88 89 40,6D,xx xx xx xx	8	F, 32 bits	0	305	0	4	
	Complementary counter 4 maximum date/time stored at - 6	84 89 89 40,6D,xx xx xx xx	8	F, 32 bits	0	306	0	4	
	Complementary counter 4 maximum date/time stored at - 7	C4 89 89 40,6D,xx xx xx xx	8	F, 32 bits	0	307	0	4	
	Complementary counter 4 maximum date/time stored at - 8	84 8A 89 40,6D,xx xx xx xx	8	F, 32 bits	0	308	0	4	
	Complementary counter 4 maximum date/time stored at - 9	C4 8A 89 40,6D,xx xx xx xx	9	F, 32 bits	0	309	0	4	
	Complementary counter 4 maximum date/time stored at - 10	84 8B 89 40,6D,xx xx xx xx	9	F, 32 bits	0	310	0	4	
	Complementary counter 4 maximum date/time stored at - 11	C4 8B 89 40,6D,xx xx xx xx	9	F, 32 bits	0	311	0	4	
	Complementary counter 4 maximum date/time stored at - 12	84 8C 89 40,6D,xx xx xx xx	9	F, 32 bits	0	312	0	4	
	Complementary counter 4 maximum date/time stored at - 13	C4 8C 89 40,6D,xx xx xx xx	9	F, 32 bits	0	313	0	4	
	Complementary counter 4 maximum date/time stored at - 14	84 8D 89 40,6D,xx xx xx xx	9	F, 32 bits	0	314	0	4	
	Complementary counter 4 maximum date/time stored at - 15	C4 8D 89 40,6D,xx xx xx xx	9	F, 32 bits	0	315	0	4	
	Complementary counter 4 maximum date/time stored at - 16	84 8E 89 40,6D,xx xx xx xx	9	F, 32 bits	0	316	0	4	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 4 maximum date/time stored at - 17	C4 8E 89 40,6D,xx xx xx xx	8	F, 32 bits	0	317	0	4	
	Complementary counter 4 maximum date/time stored at - 18	84 8F 89 40,6D,xx xx xx xx	8	F, 32 bits	0	318	0	4	
	Complementary counter 4 maximum date/time stored at - 19	C4 8F 89 40,6D,xx xx xx xx	8	F, 32 bits	0	319	0	4	
	Complementary counter 4 maximum date/time stored at - 20	84 80 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	320	0	4	
	Complementary counter 4 maximum date/time stored at - 21	C4 80 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	321	0	4	
	Complementary counter 4 maximum date/time stored at - 22	84 81 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	322	0	4	
	Complementary counter 4 maximum date/time stored at - 23	C4 81 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	323	0	4	
	Complementary counter 4 maximum date/time stored at - 24	84 82 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	324	0	4	
	Complementary counter 4 maximum date/time stored at - 25	C4 82 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	325	0	4	
	Complementary counter 4 maximum date/time stored at - 26	84 83 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	326	0	4	
	Complementary counter 4 maximum date/time stored at - 27	C4 83 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	327	0	4	
	Complementary counter 4 maximum date/time stored at - 28	84 84 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	328	0	4	
	Complementary counter 4 maximum date/time stored at - 29	C4 84 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	329	0	4	
	Complementary counter 4 maximum date/time stored at - 30	84 85 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	330	0	4	
	Complementary counter 4 maximum date/time stored at - 31	C4 85 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	331	0	4	
	Complementary counter 4 maximum date/time stored at - 32	84 86 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	332	0	4	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 5 maximum stored at - 1	D5 C6 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	301	0	5	
	Complementary counter 5 maximum stored at - 2	95 C7 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	302	0	5	
	Complementary counter 5 maximum stored at - 3	D5 C7 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	303	0	5	
	Complementary counter 5 maximum stored at - 4	95 C8 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	304	0	5	
	Complementary counter 5 maximum stored at - 5	D5 C8 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	305	0	5	
	Complementary counter 5 maximum stored at - 6	95 C9 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	306	0	5	
	Complementary counter 5 maximum stored at - 7	D5 C9 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	307	0	5	
	Complementary counter 5 maximum stored at - 8	95 CA 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	308	0	5	
	Complementary counter 5 maximum stored at - 9	D5 CA 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	5	
	Complementary counter 5 maximum stored at - 10	95 CB 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	5	
	Complementary counter 5 maximum stored at - 11	D5 CB 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	5	
	Complementary counter 5 maximum stored at - 12	95 CC 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	5	
	Complementary counter 5 maximum stored at - 13	D5 CC 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	5	
	Complementary counter 5 maximum stored at - 14	95 CD 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	5	
	Complementary counter 5 maximum stored at - 15	D5 CD 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	5	
	Complementary counter 5 maximum stored at - 16	95 CE 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	5	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tari*	*Dev*	*Value Info*
	Complementary counter 5 maximum stored at - 17	D5 CE 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	317	0	5	
	Complementary counter 5 maximum stored at - 18	95 CF 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	318	0	5	
	Complementary counter 5 maximum stored at - 19	D5 CF 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	319	0	5	
	Complementary counter 5 maximum stored at - 20	95 C0 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	320	0	5	
	Complementary counter 5 maximum stored at - 21	D5 C0 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	321	0	5	
	Complementary counter 5 maximum stored at - 22	95 C1 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	322	0	5	
	Complementary counter 5 maximum stored at - 23	D5 C1 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	323	0	5	
	Complementary counter 5 maximum stored at - 24	95 C2 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	324	0	5	
	Complementary counter 5 maximum stored at - 25	D5 C2 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	5	
	Complementary counter 5 maximum stored at - 26	95 C3 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	5	
	Complementary counter 5 maximum stored at - 27	D5 C3 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	5	
	Complementary counter 5 maximum stored at - 28	95 C4 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	5	
	Complementary counter 5 maximum stored at - 29	D5 C4 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	5	
	Complementary counter 5 maximum stored at - 30	95 C5 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	5	
	Complementary counter 5 maximum stored at - 31	D5 C5 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	5	
	Complementary counter 5 maximum stored at - 32	95 C6 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	5	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 5 maximum date/time stored at - 1	C4 C6 89 40,6D,xx xx xx xx	9	F, 32 bits	0	301	0	5	
	Complementary counter 5 maximum date/time stored at - 2	84 C7 89 40,6D,xx xx xx xx	9	F, 32 bits	0	302	0	5	
	Complementary counter 5 maximum date/time stored at - 3	C4 C7 89 40,6D,xx xx xx xx	9	F, 32 bits	0	303	0	5	
	Complementary counter 5 maximum date/time stored at - 4	84 C8 89 40,6D,xx xx xx xx	9	F, 32 bits	0	304	0	5	
	Complementary counter 5 maximum date/time stored at - 5	C4 C8 89 40,6D,xx xx xx xx	9	F, 32 bits	0	305	0	5	
	Complementary counter 5 maximum date/time stored at - 6	84 C9 89 40,6D,xx xx xx xx	9	F, 32 bits	0	306	0	5	
	Complementary counter 5 maximum date/time stored at - 7	C4 C9 89 40,6D,xx xx xx xx	9	F, 32 bits	0	307	0	5	
	Complementary counter 5 maximum date/time stored at - 8	84 CA 89 40,6D,xx xx xx xx	9	F, 32 bits	0	308	0	5	
	Complementary counter 5 maximum date/time stored at - 9	C4 CA 89 40,6D,xx xx xx xx	8	F, 32 bits	0	309	0	5	
	Complementary counter 5 maximum date/time stored at - 10	84 CB 89 40,6D,xx xx xx xx	8	F, 32 bits	0	310	0	5	
	Complementary counter 5 maximum date/time stored at - 11	C4 CB 89 40,6D,xx xx xx xx	8	F, 32 bits	0	311	0	5	
	Complementary counter 5 maximum date/time stored at - 12	84 CC 89 40,6D,xx xx xx xx	8	F, 32 bits	0	312	0	5	
	Complementary counter 5 maximum date/time stored at - 13	C4 CC 89 40,6D,xx xx xx xx	8	F, 32 bits	0	313	0	5	
	Complementary counter 5 maximum date/time stored at - 14	84 CD 89 40,6D,xx xx xx xx	8	F, 32 bits	0	314	0	5	
	Complementary counter 5 maximum date/time stored at - 15	C4 CD 89 40,6D,xx xx xx xx	8	F, 32 bits	0	315	0	5	
	Complementary counter 5 maximum date/time stored at - 16	84 CE 89 40,6D,xx xx xx xx	8	F, 32 bits	0	316	0	5	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 5 maximum date/time stored at - 17	C4 CE 89 40,6D,xx xx xx xx	9	F, 32 bits	0	317	0	5	
	Complementary counter 5 maximum date/time stored at - 18	84 CF 89 40,6D,xx xx xx xx	9	F, 32 bits	0	318	0	5	
	Complementary counter 5 maximum date/time stored at - 19	C4 CF 89 40,6D,xx xx xx xx	9	F, 32 bits	0	319	0	5	
	Complementary counter 5 maximum date/time stored at - 20	84 C0 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	320	0	5	
	Complementary counter 5 maximum date/time stored at - 21	C4 C0 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	321	0	5	
	Complementary counter 5 maximum date/time stored at - 22	84 C1 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	322	0	5	
	Complementary counter 5 maximum date/time stored at - 23	C4 C1 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	323	0	5	
	Complementary counter 5 maximum date/time stored at - 24	84 C2 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	324	0	5	
	Complementary counter 5 maximum date/time stored at - 25	C4 C2 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	325	0	5	
	Complementary counter 5 maximum date/time stored at - 26	84 C3 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	326	0	5	
	Complementary counter 5 maximum date/time stored at - 27	C4 C3 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	327	0	5	
	Complementary counter 5 maximum date/time stored at - 28	84 C4 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	328	0	5	
	Complementary counter 5 maximum date/time stored at - 29	C4 C4 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	329	0	5	
	Complementary counter 5 maximum date/time stored at - 30	84 C5 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	330	0	5	
	Complementary counter 5 maximum date/time stored at - 31	C4 C5 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	331	0	5	
	Complementary counter 5 maximum date/time stored at - 32	84 C6 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	332	0	5	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 6 maximum stored at - 1	D5 86 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	301	0	6	
	Complementary counter 6 maximum stored at - 2	95 87 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	302	0	6	
	Complementary counter 6 maximum stored at - 3	D5 87 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	303	0	6	
	Complementary counter 6 maximum stored at - 4	95 88 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	304	0	6	
	Complementary counter 6 maximum stored at - 5	D5 88 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	305	0	6	
	Complementary counter 6 maximum stored at - 6	95 89 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	306	0	6	
	Complementary counter 6 maximum stored at - 7	D5 89 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	307	0	6	
	Complementary counter 6 maximum stored at - 8	95 8A C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	308	0	6	
	Complementary counter 6 maximum stored at - 9	D5 8A C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	6	
	Complementary counter 6 maximum stored at - 10	95 8B C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	6	
	Complementary counter 6 maximum stored at - 11	D5 8B C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	6	
	Complementary counter 6 maximum stored at - 12	95 8C C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	6	
	Complementary counter 6 maximum stored at - 13	D5 8C C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	6	
	Complementary counter 6 maximum stored at - 14	95 8D C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	6	
	Complementary counter 6 maximum stored at - 15	D5 8D C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	6	
	Complementary counter 6 maximum stored at - 16	95 8E C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 6 maximum stored at - 17	D5 8E C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	317	0	6	
	Complementary counter 6 maximum stored at - 18	95 8F C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	318	0	6	
	Complementary counter 6 maximum stored at - 19	D5 8F C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	319	0	6	
	Complementary counter 6 maximum stored at - 20	95 80 CA 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	320	0	6	
	Complementary counter 6 maximum stored at - 21	D5 80 CA 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	321	0	6	
	Complementary counter 6 maximum stored at - 22	95 81 CA 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	322	0	6	
	Complementary counter 6 maximum stored at - 23	D5 81 CA 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	323	0	6	
	Complementary counter 6 maximum stored at - 24	95 82 CA 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	324	0	6	
	Complementary counter 6 maximum stored at - 25	D5 82 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	6	
	Complementary counter 6 maximum stored at - 26	95 83 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	6	
	Complementary counter 6 maximum stored at - 27	D5 83 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	6	
	Complementary counter 6 maximum stored at - 28	95 84 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	6	
	Complementary counter 6 maximum stored at - 29	D5 84 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	6	
	Complementary counter 6 maximum stored at - 30	95 85 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	6	
	Complementary counter 6 maximum stored at - 31	D5 85 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	6	
	Complementary counter 6 maximum stored at - 32	95 86 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Funct*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 6 maximum date/time stored at - 1	C4 86 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	301	0	6	
	Complementary counter 6 maximum date/time stored at - 2	84 87 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	302	0	6	
	Complementary counter 6 maximum date/time stored at - 3	C4 87 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	303	0	6	
	Complementary counter 6 maximum date/time stored at - 4	84 88 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	304	0	6	
	Complementary counter 6 maximum date/time stored at - 5	C4 88 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	305	0	6	
	Complementary counter 6 maximum date/time stored at - 6	84 89 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	306	0	6	
	Complementary counter 6 maximum date/time stored at - 7	C4 89 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	307	0	6	
	Complementary counter 6 maximum date/time stored at - 8	84 8A C9 40,6D,xx xx xx xx	8	F, 32 bits	0	308	0	6	
	Complementary counter 6 maximum date/time stored at - 9	C4 8A C9 40,6D,xx xx xx xx	9	F, 32 bits	0	309	0	6	
	Complementary counter 6 maximum date/time stored at - 10	84 8B C9 40,6D,xx xx xx xx	9	F, 32 bits	0	310	0	6	
	Complementary counter 6 maximum date/time stored at - 11	C4 8B C9 40,6D,xx xx xx xx	9	F, 32 bits	0	311	0	6	
	Complementary counter 6 maximum date/time stored at - 12	84 8C C9 40,6D,xx xx xx xx	9	F, 32 bits	0	312	0	6	
	Complementary counter 6 maximum date/time stored at - 13	C4 8C C9 40,6D,xx xx xx xx	9	F, 32 bits	0	313	0	6	
	Complementary counter 6 maximum date/time stored at - 14	84 8D C9 40,6D,xx xx xx xx	9	F, 32 bits	0	314	0	6	
	Complementary counter 6 maximum date/time stored at - 15	C4 8D C9 40,6D,xx xx xx xx	9	F, 32 bits	0	315	0	6	
	Complementary counter 6 maximum date/time stored at - 16	84 8E C9 40,6D,xx xx xx xx	9	F, 32 bits	0	316	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 6 maximum date/time stored at - 17	C4 8E C9 40,6D,xx xx xx xx	8	F, 32 bits	0	317	0	6	
	Complementary counter 6 maximum date/time stored at - 18	84 8F C9 40,6D,xx xx xx xx	8	F, 32 bits	0	318	0	6	
	Complementary counter 6 maximum date/time stored at - 19	C4 8F C9 40,6D,xx xx xx xx	8	F, 32 bits	0	319	0	6	
	Complementary counter 6 maximum date/time stored at - 20	84 80 CA 40,6D,xx xx xx xx	8	F, 32 bits	0	320	0	6	
	Complementary counter 6 maximum date/time stored at - 21	C4 80 CA 40,6D,xx xx xx xx	8	F, 32 bits	0	321	0	6	
	Complementary counter 6 maximum date/time stored at - 22	84 81 CA 40,6D,xx xx xx xx	8	F, 32 bits	0	322	0	6	
	Complementary counter 6 maximum date/time stored at - 23	C4 81 CA 40,6D,xx xx xx xx	8	F, 32 bits	0	323	0	6	
	Complementary counter 6 maximum date/time stored at - 24	84 82 CA 40,6D,xx xx xx xx	8	F, 32 bits	0	324	0	6	
	Complementary counter 6 maximum date/time stored at - 25	C4 82 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	325	0	6	
	Complementary counter 6 maximum date/time stored at - 26	84 83 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	326	0	6	
	Complementary counter 6 maximum date/time stored at - 27	C4 83 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	327	0	6	
	Complementary counter 6 maximum date/time stored at - 28	84 84 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	328	0	6	
	Complementary counter 6 maximum date/time stored at - 29	C4 84 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	329	0	6	
	Complementary counter 6 maximum date/time stored at - 30	84 85 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	330	0	6	
	Complementary counter 6 maximum date/time stored at - 31	C4 85 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	331	0	6	
	Complementary counter 6 maximum date/time stored at - 32	84 86 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	332	0	6	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification numbe	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Functi*	*Storag*	*Tariff*	*Devi*	*Value Info*
	Error stored at - 1	F2 88 0C,FD 17,xx xx	7	D, 16 bits	Err	401	0	0	
	Error stored at - 2	B2 89 0C,FD 17,xx xx	7	D, 16 bits	Err	402	0	0	
	Error stored at - 3	F2 89 0C,FD 17,xx xx	7	D, 16 bits	Err	403	0	0	
	Error stored at - 4	B2 8A 0C,FD 17,xx xx	7	D, 16 bits	Err	404	0	0	
	Error stored at - 5	F2 8A 0C,FD 17,xx xx	7	D, 16 bits	Err	405	0	0	
	Error stored at - 6	B2 8B 0C,FD 17,xx xx	7	D, 16 bits	Err	406	0	0	
	Error stored at - 7	F2 8B 0C,FD 17,xx xx	7	D, 16 bits	Err	407	0	0	
	Error stored at - 8	B2 8C 0C,FD 17,xx xx	7	D, 16 bits	Err	408	0	0	
	Error stored at - 9	F2 8C 0C,FD 17,xx xx	7	D, 16 bits	Err	409	0	0	
	Error stored at - 10	B2 8D 0C,FD 17,xx xx	7	D, 16 bits	Err	410	0	0	
	Error stored at - 11	F2 8D 0C,FD 17,xx xx	7	D, 16 bits	Err	411	0	0	
	Error stored at - 12	B2 8E 0C,FD 17,xx xx	7	D, 16 bits	Err	412	0	0	
	Error stored at - 13	F2 8E 0C,FD 17,xx xx	7	D, 16 bits	Err	413	0	0	
	Error stored at - 14	B2 8F 0C,FD 17,xx xx	7	D, 16 bits	Err	414	0	0	
	Error stored at - 15	F2 8F 0C,FD 17,xx xx	7	D, 16 bits	Err	415	0	0	
	Error stored at - 16	B2 80 0D,FD 17,xx xx	7	D, 16 bits	Err	416	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes							
Header	Start, Length	#NOM?	4	See Note 1						
	Control	08	1	Respond with user data, RSP_UD						
	Address	xx	1							
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header			0	*Coding*						
	Identification number	xx xx xx xx	4	A, 32 bits						
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits						
	Generation of meter	0D	1	C, 8 bits						
	Measured media: Heat	04	1	D, 8 bits						
	Access number	xx	1	C, 8 bits						
	Status	xx	1	Ds, 8 bits						
	Signature (not used)	00 00	2	C, 16 bits						
User Data Records			0	*Coding*	*Fun*	*Storag*	*Tar*	*Dev*	*Value Info*	
	Error stored at - 17	F2 80 0D,FD 17,xx xx	7	D, 16 bits	Err	417	0	0		
	Error stored at - 18	B2 81 0D,FD 17,xx xx	7	D, 16 bits	Err	418	0	0		
	Error stored at - 19	F2 81 0D,FD 17,xx xx	7	D, 16 bits	Err	419	0	0		
	Error stored at - 20	B2 82 0D,FD 17,xx xx	7	D, 16 bits	Err	420	0	0		
	Error stored at - 21	F2 82 0D,FD 17,xx xx	7	D, 16 bits	Err	421	0	0		
	Error stored at - 22	B2 83 0D,FD 17,xx xx	7	D, 16 bits	Err	422	0	0		
	Error stored at - 23	F2 83 0D,FD 17,xx xx	7	D, 16 bits	Err	423	0	0		
	Error stored at - 24	B2 84 0D,FD 17,xx xx	7	D, 16 bits	Err	424	0	0		
	Error stored at - 25	F2 84 0D,FD 17,xx xx	7	D, 16 bits	Err	425	0	0		
	Error stored at - 26	B2 85 0D,FD 17,xx xx	7	D, 16 bits	Err	426	0	0		
	Error stored at - 27	F2 85 0D,FD 17,xx xx	7	D, 16 bits	Err	427	0	0		
	Error stored at - 28	B2 86 0D,FD 17,xx xx	7	D, 16 bits	Err	428	0	0		
	Error stored at - 29	F2 86 0D,FD 17,xx xx	7	D, 16 bits	Err	429	0	0		
	Error stored at - 30	B2 87 0D,FD 17,xx xx	7	D, 16 bits	Err	430	0	0		
	Error stored at - 31	F2 87 0D,FD 17,xx xx	7	D, 16 bits	Err	431	0	0		
	Error stored at - 32	B2 88 0D,FD 17,xx xx	7	D, 16 bits	Err	432	0	0		
	More records in next telegram	mo	1	Special function: start of manufacturer specific data						
End	Check Sum	xx	1	See Note 2						
	Stop	16	1							

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Storag*	*Tar*	*Dev*	*Value Info*
	Error duration at -1	F4 88 0C,71,xx xx xx xx	8	B, 32 bits	Err	401	0	0	
	Error duration at -2	B4 89 0C,71,xx xx xx xx	8	B, 32 bits	Err	402	0	0	
	Error duration at -3	F4 89 0C,71,xx xx xx xx	8	B, 32 bits	Err	403	0	0	
	Error duration at -4	B4 8A 0C,71,xx xx xx xx	8	B, 32 bits	Err	404	0	0	
	Error duration at -5	F4 8A 0C,71,xx xx xx xx	8	B, 32 bits	Err	405	0	0	
	Error duration at -6	B4 8B 0C,71,xx xx xx xx	8	B, 32 bits	Err	406	0	0	
	Error duration at -7	F4 8B 0C,71,xx xx xx xx	8	B, 32 bits	Err	407	0	0	
	Error duration at -8	B4 8C 0C,71,xx xx xx xx	8	B, 32 bits	Err	408	0	0	
	Error duration at -9	F4 8C 0C,71,xx xx xx xx	8	B, 32 bits	Err	409	0	0	
	Error duration at -10	B4 8D 0C,71,xx xx xx xx	8	B, 32 bits	Err	410	0	0	
	Error duration at -11	F4 8D 0C,71,xx xx xx xx	8	B, 32 bits	Err	411	0	0	
	Error duration at -12	B4 8E 0C,71,xx xx xx xx	8	B, 32 bits	Err	412	0	0	
	Error duration at -13	F4 8E 0C,71,xx xx xx xx	8	B, 32 bits	Err	413	0	0	
	Error duration at -14	B4 8F 0C,71,xx xx xx xx	8	B, 32 bits	Err	414	0	0	
	Error duration at -15	F4 8F 0C,71,xx xx xx xx	8	B, 32 bits	Err	415	0	0	
	Error duration at -16	B4 80 0D,71,xx xx xx xx	8	B, 32 bits	Err	416	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Storag*	*Tar*	*Dev*	*Value Info*
	Error duration at -17	F4 80 0D,71,xx xx xx xx	8	B, 32 bits	Err	417	0	0	
	Error duration at -18	B4 81 0D,71,xx xx xx xx	8	B, 32 bits	Err	418	0	0	
	Error duration at -19	F4 81 0D,71,xx xx xx xx	8	B, 32 bits	Err	419	0	0	
	Error duration at -20	B4 82 0D,71,xx xx xx xx	8	B, 32 bits	Err	420	0	0	
	Error duration at -21	F4 82 0D,71,xx xx xx xx	8	B, 32 bits	Err	421	0	0	
	Error duration at -22	B4 83 0D,71,xx xx xx xx	8	B, 32 bits	Err	422	0	0	
	Error duration at -23	F4 83 0D,71,xx xx xx xx	8	B, 32 bits	Err	423	0	0	
	Error duration at -24	B4 84 0D,71,xx xx xx xx	8	B, 32 bits	Err	424	0	0	
	Error duration at -25	F4 84 0D,71,xx xx xx xx	8	B, 32 bits	Err	425	0	0	
	Error duration at -26	B4 85 0D,71,xx xx xx xx	8	B, 32 bits	Err	426	0	0	
	Error duration at -27	F4 85 0D,71,xx xx xx xx	8	B, 32 bits	Err	427	0	0	
	Error duration at -28	B4 86 0D,71,xx xx xx xx	8	B, 32 bits	Err	428	0	0	
	Error duration at -29	F4 86 0D,71,xx xx xx xx	8	B, 32 bits	Err	429	0	0	
	Error duration at -30	B4 87 0D,71,xx xx xx xx	8	B, 32 bits	Err	430	0	0	
	Error duration at -31	F4 87 0D,71,xx xx xx xx	8	B, 32 bits	Err	431	0	0	
	Error duration at -32	B4 88 0D,71,xx xx xx xx	8	B, 32 bits	Err	432	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Storag*	*Tar*	*Dev*	*Value Info*
	Error start date time at -1	F4 88 0C,6D,xx xx xx xx	8	F, 32 bits	Err	401	0	0	
	Error start date time at -2	B4 89 0C,6D,xx xx xx xx	8	F, 32 bits	Err	402	0	0	
	Error start date time at -3	F4 89 0C,6D,xx xx xx xx	8	F, 32 bits	Err	403	0	0	
	Error start date time at -4	B4 8A 0C,6D,xx xx xx xx	8	F, 32 bits	Err	404	0	0	
	Error start date time at -5	F4 8A 0C,6D,xx xx xx xx	8	F, 32 bits	Err	405	0	0	
	Error start date time at -6	B4 8B 0C,6D,xx xx xx xx	8	F, 32 bits	Err	406	0	0	
	Error start date time at -7	F4 8B 0C,6D,xx xx xx xx	8	F, 32 bits	Err	407	0	0	
	Error start date time at -8	B4 8C 0C,6D,xx xx xx xx	8	F, 32 bits	Err	408	0	0	
	Error start date time at -9	F4 8C 0C,6D,xx xx xx xx	8	F, 32 bits	Err	409	0	0	
	Error start date time at -10	B4 8D 0C,6D,xx xx xx xx	8	F, 32 bits	Err	410	0	0	
	Error start date time at -11	F4 8D 0C,6D,xx xx xx xx	8	F, 32 bits	Err	411	0	0	
	Error start date time at -12	B4 8E 0C,6D,xx xx xx xx	8	F, 32 bits	Err	412	0	0	
	Error start date time at -13	F4 8E 0C,6D,xx xx xx xx	8	F, 32 bits	Err	413	0	0	
	Error start date time at -14	B4 8F 0C,6D,xx xx xx xx	8	F, 32 bits	Err	414	0	0	
	Error start date time at -15	F4 8F 0C,6D,xx xx xx xx	8	F, 32 bits	Err	415	0	0	
	Error start date time at -16	B4 80 0D,6D,xx xx xx xx	8	F, 32 bits	Err	416	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex	Bytes						
Header	Start, Length	#NOM?	4	See Note 1					
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
	Generation of meter	0D	1	C, 8 bits					
	Measured media: Heat	04	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	xx	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Storag*	*Tar*	*Dev*	*Value Info*
	Error start date time at -17	F4 80 0D,6D,xx xx xx xx	8	F, 32 bits	Err	417	0	0	
	Error start date time at -18	B4 81 0D,6D,xx xx xx xx	8	F, 32 bits	Err	418	0	0	
	Error start date time at -19	F4 81 0D,6D,xx xx xx xx	8	F, 32 bits	Err	419	0	0	
	Error start date time at -20	B4 82 0D,6D,xx xx xx xx	8	F, 32 bits	Err	420	0	0	
	Error start date time at -21	F4 82 0D,6D,xx xx xx xx	8	F, 32 bits	Err	421	0	0	
	Error start date time at -22	B4 83 0D,6D,xx xx xx xx	8	F, 32 bits	Err	422	0	0	
	Error start date time at -23	F4 83 0D,6D,xx xx xx xx	8	F, 32 bits	Err	423	0	0	
	Error start date time at -24	B4 84 0D,6D,xx xx xx xx	8	F, 32 bits	Err	424	0	0	
	Error start date time at -25	F4 84 0D,6D,xx xx xx xx	8	F, 32 bits	Err	425	0	0	
	Error start date time at -26	B4 85 0D,6D,xx xx xx xx	8	F, 32 bits	Err	426	0	0	
	Error start date time at -27	F4 85 0D,6D,xx xx xx xx	8	F, 32 bits	Err	427	0	0	
	Error start date time at -28	B4 86 0D,6D,xx xx xx xx	8	F, 32 bits	Err	428	0	0	
	Error start date time at -29	F4 86 0D,6D,xx xx xx xx	8	F, 32 bits	Err	429	0	0	
	Error start date time at -30	B4 87 0D,6D,xx xx xx xx	8	F, 32 bits	Err	430	0	0	
	Error start date time at -31	F4 87 0D,6D,xx xx xx xx	8	F, 32 bits	Err	431	0	0	
	Error start date time at -32	B4 88 0D,6D,xx xx xx xx	8	F, 32 bits	Err	432	0	0	
	More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End	Check Sum	xx	1	See Note 2					
	Stop	16	1						

Respond with user data RSP_UD, Manufacturer specific (slave to master)

	Field	Frame bytes in h	Bytes		
Header	Start, Length	#NOM?	4	See Note 1	
	Control	08	1	Respond with user data, RSP_UD	
	Address	xx	1		
	Control Information	B7	1	Manufacturer specific	
User Data Records				*Coding*	*Value Info*
	Frame version	01	1	C, 8 bits	Frame version
	Frame index	01	1	C, 8 bits	Index of frame
	Measured media	md	1	D, 8 bits	Measured media
	Present options	o1 o2 o3 o4	4	A, 32 bits	If option is activated in device
	Detailed errors	er er	2	D, 16 bits	Error flags, device type specific
	Fabrication Number M E T	xx xx xx xx	4	A, 32 bits	Fabrication Number BCD
	Fabrication Number M I O	xx xx xx xx	4	A, 32 bits	Fabrication Number BCD
	Current date & time	xx xx xx xx	4	F, 32 bits	Time point; date & time
	Power	xx xx xx xx	4	H, 32 bits	Power ; 1W
	Flow	xx xx xx xx	4	H, 32 bits	Volume flow; 1m3/h
	Energy totalizer heating	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy unit	ue	1	C, 8 bits	Energy unit
	Volume totalizer	xx xx xx xx	4	B, 32 bits	Volume; 0.001, 0.01 m3
	Volume unit	uv	1	C, 8 bits	Volume unit
	Energy totalizer tarif 1	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer tarif 2	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Identification counter 1	xx xx xx xx	4	A, 32 bits	Identification counter 1; BCD
	Complementary counter 1 totalizer	xx xx xx xx	4	B, 32 bits	Counter 1
	Counter 1 unit	ua	1	C, 8 bits	Counter 1 unit
	Identification counter 2	xx xx xx xx	4	A, 32 bits	Identification counter 2; BCD
	Complementary counter 2 totalizer	xx xx xx xx	4	B, 32 bits	Counter 2
	Counter 2 unit	ua	1	C, 8 bits	Counter 2 unit

User Data Records	Energy totalizer stored at ST1	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy stored at month - 1	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 2	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 3	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 4	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 5	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 6	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 7	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 8	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 9	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 10	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 11	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 12	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 13	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy stored at month - 14	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 1	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 2	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 3	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 4	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 5	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 6	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 7	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 8	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 9	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 10	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 11	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 12	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 13	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	Energy tariff 1 stored at month - 14	xx xx xx xx	4	B, 32 bits	Energy; 0.1, 1, 10kWh, 1, 10MJ
	More records in next telegram	mo	1	Special function: start of manufacturer specific data	
End	Check Sum	xx	1	See Note 2	
	Stop	16	1		

Respond with user data RSP_UD, Manufacturer specific (slave to master)

	Field	Frame bytes in h	Bytes		
Header	Start, Length	#NOM?	4	See Note 1	
	Control	08	1	Respond with user data, RSP_UD	
	Address	xx	1		
	Control Information	B7	1	Manufacturer specific	
User Data Records				*Coding*	*Value Info*
	Frame version	01	1	C, 8 bits	Frame version
	Frame index	02	1	C, 8 bits	Index of frame
	Days without energy	xx xx	2	C, 16 bits	Manufacturer specific; Days without energy; days
	Days without flow	xx xx	2	C, 16 bits	Manufacturer specific; Days without volume; days
	High temperature	xx xx xx xx	4	H, 32 bits	Flow temperature ; 1°C
	Low temperature	xx xx xx xx	4	H, 32 bits	Return temperature ; 1 °C
	Complementary counter 1 stored at month - 1	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 2	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 3	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 4	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 5	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 6	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 7	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 8	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 9	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 10	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 11	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 12	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 13	xx xx xx xx	4	B, 32 bits	Complementary counter 1
	Complementary counter 1 stored at month - 14	xx xx xx xx	4	B, 32 bits	Complementary counter 1

User Data Records	Complementary counter 2 stored at month - 1	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 2	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 3	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 4	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 5	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 6	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 7	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 8	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 9	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 10	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 11	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 12	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 13	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Complementary counter 2 stored at month - 14	xx xx xx xx	4	B, 32 bits	Complementary counter 2
	Power maximum stored at -1	xx xx xx xx	4	H, 32 bits	Power ; 1W
	Power maximum stored at -2	xx xx xx xx	4	H, 32 bits	Power ; 1W
	Power maximum stored at -3	xx xx xx xx	4	H, 32 bits	Power ; 1W
	Power maximum stored at -4	xx xx xx xx	4	H, 32 bits	Power ; 1W
	Power maximum stored at -5	xx xx xx xx	4	H, 32 bits	Power ; 1W
	Power maximum stored at -6	xx xx xx xx	4	H, 32 bits	Power ; 1W
	Power maximum stored at -7	xx xx xx xx	4	H, 32 bits	Power ; 1W
	Power maximum date/time stored at -1	xx xx xx xx	4	F, 32 bits	Date time maximum power
	Power maximum date/time stored at -2	xx xx xx xx	4	F, 32 bits	Date time maximum power
	Power maximum date/time stored at -3	xx xx xx xx	4	F, 32 bits	Date time maximum power
	Power maximum date/time stored at -4	xx xx xx xx	4	F, 32 bits	Date time maximum power
	Power maximum date/time stored at -5	xx xx xx xx	4	F, 32 bits	Date time maximum power
	Power maximum date/time stored at -6	xx xx xx xx	4	F, 32 bits	Date time maximum power
	Power maximum date/time stored at -7	xx xx xx xx	4	F, 32 bits	Date time maximum power
	More records in next telegram	mo	1	Special function: start of manufacturer specific data	
End	Check Sum	xx	1	See Note 2	
	Stop	16	1		

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex	Bytes						
Header		Start, Length	#NOM?	4	See Note 1					
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control Information	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID: "SON"	EE 4D	2	C, 16 bits					
		Generation of meter	0D	1	C, 8 bits					
		Measured media: Heat	04	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	xx	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	§	Energy stored at month - 1	C4 00,en en,xx xx xx xx	8	B, 32 bits		1	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ
	§	Volume totalizer stored at month - 1	C4 00,vo vo,xx xx xx xx	8	B, 32 bits		1	0	0	Volume; 0.001, 0.01 m3
	§	Energy totalizer 1 stored at month - 1	C4 10,en en,xx xx xx xx	8	B, 32 bits		1	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	§	Volume totalizer 1 stored at month - 1	C4 10,vo vo,xx xx xx xx	8	B, 32 bits		1	1	0	Volume; 0.001, 0.01 m3
	§	Energy totalizer 2 stored at month - 1	C4 20,en en,xx xx xx xx	8	B, 32 bits		1	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	§	Volume totalizer 2 stored at month - 1	C4 20,vo vo,xx xx xx xx	8	B, 32 bits		1	2	0	Volume; 0.001, 0.01 m3
	§	Complementary counter 1 totalizer stored at month - 1	C4 40,co co,xx xx xx xx	8	B, 32 bits		1	0	1	Complementary counter 1
	§	Complementary counter 2 totalizer stored at month - 1	C4 80 40,co co,xx xx xx xx	9	B, 32 bits		1	0	2	Complementary counter 2
	§	Power maximum stored at - 1	D5 82 03,2B,xx xx xx xx	8	H, 32 bits	Max	101	0	0	Power ; 1W
	§	Power maximum date/time stored at - 1	C4 82 03,6D,xx xx xx xx	8	F, 32 bits	0	101	0	0	Date Time
	§	Flow maximum stored at - 1	D5 86 04,3E,xx xx xx xx	8	H, 32 bits	Max	141	0	0	Flow ; m3/h
	§	Flow maximum date/time stored at - 1	C4 86 04,6D,xx xx xx xx	8	F, 32 bits	0	141	0	0	Date Time
		More records in next telegram	mo	1	Special function: start of manufacturer specific data					
End		Check Sum	xx	1	See Note 2					
		Stop	16	1						