# 00008\_M493\_Letalisce\_JP\_Ljubljana - Podpora #1078 Vzpostavitev merilne postaje letališčje JP Ljubljana

2017-04-07 10:02 - Andreja Kolenc

Status: V teku Začetek: 2017-04-07 Prioriteta: Do datuma: Takojšnje ukrepanje 2017-04-30 Dodeljen: Jernej Perdan % Narejeno: 50% Kategorija: Ocenjen čas: 0.00 ura Ciljna verzija: Revizija: Revizija IPKG:

#### **Opis**

Skladno s postopki za zagon merilne postaje Xoberl in navodili za vzpostavitev uporabljenih platform (QNAP Debian 8, Moxa UC-8410A) se izdela IPKG, SVN, redmine Wiki in izvede postopke za več procesorsko merilno postajo letališče JP Ljubljana:

- Testni zagon
- Zagon lokacija

#### Povezani zahtevki:

ima prednost pred 00008\_M493\_Letalisce\_JP\_Ljubljana - Podpora # 1047: Presta... Nov 2017-12-19 2018-03-12

#### Zgodovina

### #1 - 2017-06-16 12:22 - Nikola Kostić

ETH povezava senzorjev v LAB-u

N2 (MOXA UC)

ZL 172.19.74.196

TZ 172.19.6.196

N3 (MOXA NPort)

ZL 172.19.74.197

TZ 172.19.6.197

hmp155-r

ZL N4 172.19.74.198: 4001

TZ 172.19. 6.84 : 64007 (moxa NPort pri Test2)

ptb330-p

ZL ME102 172.19.74.227: 4001

TZ 172.19. 7. 78: 4001 (moxa IA-5250 pri mbio)

mbio

ZL K01 172.19.74.86: 4001

TZ 172.19. 7.86: 4001 (moxa IA-5250 pri mbio)

ptb330-r

ZL ME113 172.19.74.229: 4001

TZ 172.19. 7. 78: 4002 (moxa IA-5250 pri mbio)

wmt702 (simulating 4 sensors)

ZL BR302 172.19.74.236: 4001 (wmt702\_30)

ZL BR313 172.19.74.237: 4001 (WAA252-WAV151 30)

ZL BR121 172.19.74.239 : 4001 (wmt702\_12)

ZL BR122 172.19.74.240: 4001 (WAA252-WAV151\_12)

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#### #2 - 2017-06-16 12:42 - Nikola Kostić

ETH povezava senzorjev v LAB-u

N2 (MOXA UC)

ZL 172.19.74.196

TZ 172.19.6.88 <<<<<<< 172.19.6.196 je bil že zaseden!!

N3 (MOXA NPort)

ZL 172.19.74.197

TZ 172.19.6.197

hmp155-r

ZL N4 172.19.74.198: 4001

TZ 172.19. 6.84 : 64007 (moxa NPort pri Test2)

ptb330-p

ZL ME102 172.19.74.227 : 4001

TZ 172.19. 7. 78 : 4001 (moxa IA-5250 pri mbio)

mbio

ZL K01 172.19.74.86: 4001

TZ 172.19. 7.86: 4001 (moxa IA-5250 pri mbio)

ptb330-r

ZL ME113 172.19.74.229: 4001

TZ 172.19. 7. 78 : 4002 (moxa IA-5250 pri mbio)

wmt702 (simulating 4 sensors)

ZL BR302 172.19.74.236 : 4001 (wmt702\_30)

ZL BR313 172.19.74.237 : 4001 (WAA252-WAV151\_30)

ZL BR121 172.19.74.239 : 4001 (wmt702\_12)

ZL BR122 172.19.74.240 : 4001 (WAA252-WAV151\_12)

TZ 172.19. 7. 78 : 4002 (moxa NPort pri Test2)

### #3 - 2017-06-20 11:47 - Nikola Kostić

ETH povezava senzorjev v LAB-u

N2 (MOXA UC)

ZL 172.19.74.196

TZ 172.19.6.88 <<<<<<< 172.19.6.196 je bil že zaseden!!

N3 (MOXA NPort)

ZL 172.19.74.197

TZ 172.19.6.197

hmp155-r

ZL N4 172.19.74.198 : 4001

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#### ptb330-p

ZL ME102 172.19.74.227 : 4001

TZ 172.19. 7. 78: 4001 (moxa IA-5250 pri mbio)

#### mbio

ZL K01 172.19.74.86: 4001

TZ 172.19. 7.86 : 4001 (moxa IA-5250 pri mbio)

#### ptb330-r

ZL ME113 172.19.74.229: 4001

TZ 172.19. 7. 78: 4002 (moxa IA-5250 pri mbio)

#### wmt702 (simulating 4 sensors)

ZL BR302 172.19.74.236 : 4001 (wmt702\_30)

ZL BR313 172.19.74.237 : 4001 (WAA252-WAV151\_30)

ZL BR121 172.19.74.239 : 4001 (wmt702\_12)

ZL BR122 172.19.74.240 : 4001 (WAA252-WAV151\_12)

TZ 172.19. 6.84 : 64006 (moxa NPort pri Test2)

### #4 - 2017-06-20 13:43 - Jernej Perdan

- Status se je spremenilo iz Nov v V teku

- % Narejeno se je spremenilo iz 0 v 10

wmt702 je nastavljen na Ts = 10 s.

Je to pravilna nastavitev? Ponavadi je poll na 1 s.

### wmt702d-30(64107)>get ta ch01 30

wiiit/02d-30(04107)>get ta chot 30						
01 ch01@c	pu_0:64107	016@010	0.12.0	003 wind_direction_3s_avg		
20/06/2017	13:34:57.0	0x0000	045	deg	0x00a0	
20/06/2017	13:34:56.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:55.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:54.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:53.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:52.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:51.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:50.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:49.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:48.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:47.0	0x0000	061	deg	0x00a0	
20/06/2017	13:34:46.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:45.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:44.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:43.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:42.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:41.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:40.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:39.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:38.0	0x0400	-999	deg	0x////	
20/06/2017	13:34:37.0	0x0000	084	deg	0x00a0	
	01 ch01@c 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017 20/06/2017	01 ch01@cpu_0:64107 20/06/2017 13:34:57.0 20/06/2017 13:34:56.0 20/06/2017 13:34:55.0 20/06/2017 13:34:54.0 20/06/2017 13:34:53.0 20/06/2017 13:34:52.0 20/06/2017 13:34:51.0 20/06/2017 13:34:50.0 20/06/2017 13:34:49.0 20/06/2017 13:34:48.0 20/06/2017 13:34:47.0 20/06/2017 13:34:45.0 20/06/2017 13:34:45.0 20/06/2017 13:34:45.0 20/06/2017 13:34:45.0 20/06/2017 13:34:45.0 20/06/2017 13:34:44.0 20/06/2017 13:34:44.0 20/06/2017 13:34:41.0 20/06/2017 13:34:41.0 20/06/2017 13:34:40.0 20/06/2017 13:34:39.0 20/06/2017 13:34:39.0	01         ch01@cpu_0:64107         016@010           20/06/2017         13:34:57.0         0x0000           20/06/2017         13:34:56.0         0x0400           20/06/2017         13:34:55.0         0x0400           20/06/2017         13:34:55.0         0x0400           20/06/2017         13:34:53.0         0x0400           20/06/2017         13:34:52.0         0x0400           20/06/2017         13:34:51.0         0x0400           20/06/2017         13:34:50.0         0x0400           20/06/2017         13:34:49.0         0x0400           20/06/2017         13:34:47.0         0x0000           20/06/2017         13:34:46.0         0x0400           20/06/2017         13:34:45.0         0x0400           20/06/2017         13:34:45.0         0x0400           20/06/2017         13:34:45.0         0x0400           20/06/2017         13:34:42.0         0x0400           20/06/2017         13:34:42.0         0x0400           20/06/2017         13:34:40.0         0x0400           20/06/2017         13:34:40.0         0x0400           20/06/2017         13:34:40.0         0x0400           20/06/2017         13:34:40.0	01         ch01@cpu_0:64107         016@0100.12.0           20/06/2017         13:34:57.0         0x0000         045           20/06/2017         13:34:56.0         0x0400         -999           20/06/2017         13:34:55.0         0x0400         -999           20/06/2017         13:34:54.0         0x0400         -999           20/06/2017         13:34:53.0         0x0400         -999           20/06/2017         13:34:52.0         0x0400         -999           20/06/2017         13:34:51.0         0x0400         -999           20/06/2017         13:34:50.0         0x0400         -999           20/06/2017         13:34:49.0         0x0400         -999           20/06/2017         13:34:49.0         0x0400         -999           20/06/2017         13:34:47.0         0x0000         061           20/06/2017         13:34:46.0         0x0400         -999           20/06/2017         13:34:45.0         0x0400         -999           20/06/2017         13:34:44.0         0x0400         -999           20/06/2017         13:34:49.0         0x0400         -999           20/06/2017         13:34:49.0         0x0400         -999 <t< td=""><td>01 ch01@cpu_0:64107 016@0100.12.01.02.01 20/06/2017 13:34:57.0 0x0000 045 deg 20/06/2017 13:34:56.0 0x0400 -999 deg 20/06/2017 13:34:55.0 0x0400 -999 deg 20/06/2017 13:34:54.0 0x0400 -999 deg 20/06/2017 13:34:53.0 0x0400 -999 deg 20/06/2017 13:34:51.0 0x0400 -999 deg 20/06/2017 13:34:51.0 0x0400 -999 deg 20/06/2017 13:34:50.0 0x0400 -999 deg 20/06/2017 13:34:45.0 0x0400 -999 deg 20/06/2017 13:34:48.0 0x0400 -999 deg 20/06/2017 13:34:48.0 0x0400 -999 deg 20/06/2017 13:34:46.0 0x0400 -999 deg 20/06/2017 13:34:45.0 0x0400 -999 deg 20/06/2017 13:34:45.0 0x0400 -999 deg 20/06/2017 13:34:45.0 0x0400 -999 deg 20/06/2017 13:34:44.0 0x0400 -999 deg 20/06/2017 13:34:44.0 0x0400 -999 deg 20/06/2017 13:34:44.0 0x0400 -999 deg 20/06/2017 13:34:42.0 0x0400 -999 deg 20/06/2017 13:34:42.0 0x0400 -999 deg 20/06/2017 13:34:40.0 0x0400 -999 deg</td></t<>	01 ch01@cpu_0:64107 016@0100.12.01.02.01 20/06/2017 13:34:57.0 0x0000 045 deg 20/06/2017 13:34:56.0 0x0400 -999 deg 20/06/2017 13:34:55.0 0x0400 -999 deg 20/06/2017 13:34:54.0 0x0400 -999 deg 20/06/2017 13:34:53.0 0x0400 -999 deg 20/06/2017 13:34:51.0 0x0400 -999 deg 20/06/2017 13:34:51.0 0x0400 -999 deg 20/06/2017 13:34:50.0 0x0400 -999 deg 20/06/2017 13:34:45.0 0x0400 -999 deg 20/06/2017 13:34:48.0 0x0400 -999 deg 20/06/2017 13:34:48.0 0x0400 -999 deg 20/06/2017 13:34:46.0 0x0400 -999 deg 20/06/2017 13:34:45.0 0x0400 -999 deg 20/06/2017 13:34:45.0 0x0400 -999 deg 20/06/2017 13:34:45.0 0x0400 -999 deg 20/06/2017 13:34:44.0 0x0400 -999 deg 20/06/2017 13:34:44.0 0x0400 -999 deg 20/06/2017 13:34:44.0 0x0400 -999 deg 20/06/2017 13:34:42.0 0x0400 -999 deg 20/06/2017 13:34:42.0 0x0400 -999 deg 20/06/2017 13:34:40.0 0x0400 -999 deg	

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```
0x0400
    20/06/2017 13:34:36.0
                                                  0x////
21
                                      -999
                                            deg
                                                  0x////
22
    20/06/2017
                13:34:35.0
                             0x0400
                                      -999
                                            deg
23
    20/06/2017
                13:34:34.0
                             0x0400
                                      -999
                                            deg
                                                  0x////
24
    20/06/2017 13:34:33.0
                             0x0400
                                      -999
                                            deg
                                                  0x////
    20/06/2017
                13:34:32.0
                                                  0x////
25
                             0x0400
                                      -999
                                            deg
    20/06/2017 13:34:31.0
26
                             0x0400
                                      -999
                                            deg
                                                  0x////
27
    20/06/2017 13:34:30.0
                             0x0400
                                      -999
                                                  0x////
28
    20/06/2017 13:34:29.0
                             0x0400
                                      -999
                                                  0x////
                                            deg
    20/06/2017 13:34:28.0
                            0x0400
                                      -999
                                                  0x////
                                            deg
```

#### #5 - 2017-06-22 09:24 - Nikola Kostić

Frekvenca je zdaj nastavljena na 1s.

#### #6 - 2017-06-27 11:14 - Jernej Perdan

Pripravljena skripta rvrsim\_send.sh za simulacijo RVR (glej #1058)

xober@d8:~/TESTNI\_ZAGON\$ ./rvrsim\_send.sh rvrtel 4001 15 &

rvrd-a(64101)>get pa 2

P0@cpu\_0:64101 10:41 27/06/2017 14:12 05/06/2017 10:31 27/06/2017 10:40 27/06/2017 09:55 27/06/2017 #STATION\_LOCATION\_CODE# M493 016

Pxxxx ch00@cpu\_0:64101 016@0180.14.00.01.001 100 0x0000 1 1 10:31 1 10:31 1 0.0

P0@cpu\_0:64101 10:41 27/06/2017 14:12 05/06/2017 10:21 27/06/2017 10:30 27/06/2017 09:55 27/06/2017 #STATION\_LOCATION\_CODE# M493 016

Pxxxx ch00@cpu\_0:64101 016@0180.14.00.01.001 100 0x0000 1 1 10:21 1 10:21 1 0.0

#### **TODO**

Pred testi je potrebno razrešiti še naslednje:

- CL31 kako je mišljeno testiranje cl31d?
  - Trenunto ni nobenega pripravljenega senzorja oz. serverja, ki bi pošiljal podatke.
- RVR rvrd narejen samo do sandbox načina (poll in parsanje iz telegrama).

V dokumentaciji še manjkajo podatki za dokončanje rvrd (glej #1058).

### #7 - 2017-07-06 11:28 - Jernej Perdan

- % Narejeno se je spremenilo iz 10 v 20

S programsko opremo nadgrajeni QNAP virtualka (172.19.6.81) in UC8410 plošča (172.19.6.88).

#### **OPOMBE**

- menjava senzorjev na UC8410
- oba rvrd sta v sandbox načinu
- cl31d-12 in ct25kd-30 ne bereta podatkov

- ftp še ne deluje

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```
jmd(60000)>get jmd
Station
name
           amws
 code
       : M493
         016
  tvpe
 file: K01
`-- CPU_0:172.19.6.81:3000_1000EO800
  `--o jmd:60000:tcp
     |--<> sm:00:cpuref=CPU 0:64101:rvrd-a:enabled:report=enabled
     |--<> sm:01:cpuref=CPU 0:64102:rvrd-b:enabled:report=enabled
     |--<> sm:02:cpuref=CPU 0:64103:ptb330-p:enabled:report=enabled
     |--<> sm:03:cpuref=CPU 0:64104:ct25kd-30:enabled:report=enabled
     |--<> sm:04:cpuref=CPU 0:64105:ptb330-r:enabled:report=enabled
     |--<> sm:05:cpuref=CPU_0:65106:cl31d-12:enabled:report=enabled
     |--<> sm:06:cpuref=CPU_0:64107:wmt702d-30:enabled:report=enabled
     |--<> sm:07:cpuref=CPU_0:64108:vaa252wav151d-30:enabled:report=enabled
     |--<> sm:08:cpuref=CPU_0:64109:hmp155d-r:enabled:report=enabled
     |--<> sm:09:cpuref=CPU_0:64110:wmt702d-12:enabled:report=enabled
     |--<> sm:10:cpuref=CPU_0:64111:vaa252wav151d-12:enabled:report=enabled
     |--<> sm:11:cpuref=CPU_0:64112:mbio120d-ko:enabled:report=enabled
     |--<> sm:12:cpuref=CPU_1:60002:hmp155d-p:enabled:report=enabled
     |--<> sm:13:cpuref=CPU_1:60004:pluvio2d:enabled:report=enabled
     |--<> sm:14:cpuref=CPU 1:60006:lpmd:enabled:report=enabled
     |--<> sm:15:cpuref=CPU_1:60007:shm30d:enabled:report=enabled
     |--<> sm:16:cpuref=CPU_1:60008:iod:enabled:report=enabled
     |--<> sm:17:cpuref=CPU_1:60010:uc8410iod:enabled:report=enabled
     |--<> sm:18:cpuref=CPU_1:64001:pico64d-10:enabled:report=enabled
     |--<> sm:19:cpuref=CPU_1:64002:pico64d-20:enabled:report=enabled
     |--<> sm:20:cpuref=CPU 1:64003:pico64d-30:enabled:report=enabled
     |--<> sm:21:cpuref=CPU_1:64004:spn1d:enabled:report=enabled
     `--<> sm:22:cpuref=CPU_1:64005:smp11d:enabled:report=enabled
imd(60000)>get ta
06/07/2017 10:22:30.0 cpu_0:64101:rvrd-a
Pxxxx ch00@cpu_0:64101 016@0180.14.00.01.001
                                               0x0000
                                                            poll_ok
06/07/2017 10:22:30.0 cpu_0:64102:rvrd-b
Pxxxx ch00@cpu_0:64102 016@0180.14.00.01.001 0x0400
                                                               poll_ok
06/07/2017
          10:22:30.0 cpu_255:64103:ptb330d-p
P3090
       985.02 hPa 0x00000001 air_pressure_Pavg
                                                 0x0000
       P3091
                                                  0x0000
                                                          -0.34
                                                               hPa 0x00000001 air_pressure_3hTrend
P3092
       0x0000
                                                          7
                                                               0x00000001 air_pressure_3hTendency
       0x0000
                                                          0x00000001 bit status_u32_ptb330
S3090
06/07/2017
          10:22:00.0 cpu 0:64104:ct25kd-30
P3250
       -999
                                                             code
                                                                   -999
                                                                         ft -999 code -999 ft -999
                                                                                                             -999
                                                                                                      code
ft -999
        code -999 ft 0x////// ceilometer_cloud_layers
P3251
       ch01@cpu 0:64104 016@0186.12.01.01.001
                                                0x0400
                                                        -999
                                                                           cloud amount 1st layer
                                                             code
                                                                   0x///////
P3252
                         016@0186.12.02.01.001
       ch02@cpu 0:64104
                                                0x0400
                                                        -999
                                                                0x////// height 1st cloud layer ft
                                                             ft
P3253
                         016@0186.12.03.01.001
       ch03@cpu_0:64104
                                                0x0400
                                                        -999
                                                             m
                                                                 0x///////
                                                                        height_1st_cloud_layer_m
P3254
       ch04@cpu_0:64104
                         016@0186.12.04.01.001
                                                0x0400
                                                        -999
                                                             code
                                                                   0x///////
                                                                           cloud_amount_2nd_layer
```

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```
P3255
        ch05@cpu_0:64104
                            016@0186.12.05.01.001
                                                     0x0400
                                                              -999
                                                                                height_2nd_cloud_layer_ft
                                                                    ft
                                                                       0x///////
                                                              -999
P3256
        ch06@cpu_0:64104
                            016@0186.12.06.01.001
                                                     0x0400
                                                                    m
                                                                        0x///////
                                                                                 height_2nd_cloud_layer_m
P3257
        ch07@cpu_0:64104
                            016@0186.12.07.01.001
                                                     0x0400
                                                              -999
                                                                    code
                                                                           0x///////
                                                                                   cloud_amount_3rd_layer
P3258
        ch08@cpu_0:64104
                            016@0186.12.08.01.001
                                                     0x0400
                                                              -999
                                                                    ft
                                                                       0x///////
                                                                                height_3rd_cloud_layer_ft
                            016@0186.12.09.01.001
P3259
        ch09@cpu_0:64104
                                                     0x0400
                                                              -999
                                                                    m
                                                                        0x///////
                                                                                 height_3rd_cloud_layer_m
P3260
        ch10@cpu 0:64104
                            016@0186.12.10.01.001
                                                     0x0400
                                                              -999
                                                                    code
                                                                           0x///////
                                                                                   cloud amount 4th layer
P3261
        ch11@cpu 0:64104
                            016@0186.12.11.01.001
                                                     0x0400
                                                              -999
                                                                    ft
                                                                       0x///////
                                                                                height_4th_cloud_layer_ft
P3262
        ch12@cpu_0:64104
                            016@0186.12.12.01.001
                                                     0x0400
                                                              -999
                                                                                 height_4th_cloud_layer_m
                                                                    m
                                                                        0x///////
S3250
        ch13@cpu_0:64104
                            016@0186.12.13.01.001
                                                     0x0400
                                                              -999
                                                                        status_cl31
                                                                    bit
            10:22:30.0 cpu_255:64105:ptb330d-r
06/07/2017
P3090
        ch00@cpu_255:64105
                              016@0047.12.01.01.002
                                                       0x0000
                                                                985.03
                                                                        hPa
                                                                              0x00000001
                                                                                           air_pressure_Pavg
P3091
        ch01@cpu_255:64105
                              016@0047.12.02.01.002
                                                       0x0000
                                                                -0.34
                                                                             0x0000001
                                                                                          air_pressure_3hTrend
P3092
        ch02@cpu 255:64105
                              016@0047.12.03.01.002
                                                       0x0000
                                                                7
                                                                      0x0000001
                                                                                    air pressure 3hTendency
S3090
        ch03@cpu 255:64105
                              016@0047.12.17.01.002
                                                       0x0000
                                                                0x0000001
                                                                             bit
                                                                                  status u32 ptb330
06/07/2017
            10:22:00.0 cpu_0:65106:cl31d-12
P3250
        ch00@cpu 0:65106
                            016@0186.12.00.01.001
                                                     0x0400
                                                              -999
                                                                    code
                                                                           -999
                                                                                    -999
                                                                                                  -999
                                                                                                           -999
                                                                                                                        -999
                                                                                 ft
                                                                                           code
                                                                                                        ft
                                                                                                                  code
ft -999
         code -999
                     ft
                         0x////// ceilometer cloud layers
                                                                                   cloud_amount_1st_layer
P3251
        ch01@cpu_0:65106
                            016@0186.12.01.01.001
                                                     0x0400
                                                              -999
                                                                    code
                                                                          0x//////
P3252
                            016@0186.12.02.01.001
                                                     0x0400
                                                              -999
        ch02@cpu_0:65106
                                                                    ft
                                                                       0x///////
                                                                                height_1st_cloud_layer_ft
P3253
                            016@0186.12.03.01.001
                                                     0x0400
                                                              -999
        ch03@cpu_0:65106
                                                                        0x///////
                                                                                 height_1st_cloud_layer_m
                                                                    m
P3254
                            016@0186.12.04.01.001
                                                     0x0400
                                                              -999
                                                                                   cloud_amount_2nd_layer
        ch04@cpu_0:65106
                                                                    code
                                                                           0x///////
P3255
        ch05@cpu_0:65106
                            016@0186.12.05.01.001
                                                     0x0400
                                                              -999
                                                                    ft
                                                                       0x///////
                                                                                height_2nd_cloud_layer_ft
                            016@0186.12.06.01.001
P3256
        ch06@cpu_0:65106
                                                     0x0400
                                                              -999
                                                                    m
                                                                        0x///////
                                                                                 height_2nd_cloud_layer_m
P3257
        ch07@cpu_0:65106
                            016@0186.12.07.01.001
                                                     0x0400
                                                              -999
                                                                    code
                                                                           0x///////
                                                                                   cloud_amount_3rd_layer
P3258
        ch08@cpu_0:65106
                            016@0186.12.08.01.001
                                                     0x0400
                                                              -999
                                                                    ft
                                                                       0x///////
                                                                                height_3rd_cloud_layer_ft
P3259
        ch09@cpu_0:65106
                            016@0186.12.09.01.001
                                                     0x0400
                                                              -999
                                                                    m
                                                                        0x///////
                                                                                 height_3rd_cloud_layer_m
P3260
        ch10@cpu 0:65106
                            016@0186.12.10.01.001
                                                     0x0400
                                                              -999
                                                                           0x///////
                                                                                   cloud amount 4th layer
P3261
        ch11@cpu_0:65106
                            016@0186.12.11.01.001
                                                     0x0400
                                                              -999
                                                                    ft
                                                                                height_4th_cloud_layer_ft
                                                                       0x///////
P3262
        ch12@cpu_0:65106
                            016@0186.12.12.01.001
                                                     0x0400
                                                              -999
                                                                                 height_4th_cloud_layer_m
                                                                    m
                                                                        0x///////
S3250
        ch13@cpu_0:65106
                            016@0186.12.13.01.001
                                                     0x0400
                                                              -999
                                                                        status_cl31
                                                                    bit
06/07/2017
            10:22:32.0
                        cpu
                            0:64107:wmt702d-30
P3180
        ch00@cpu_0:64107
                            016@0100.12.00.02.003
                                                     0x0000
                                                              -99.99
                                                                      n
                                                                         0x00a0
                                                                                  wind_processed
13001
       ch01@cpu 0:64107
                           016@0100.12.01.02.003
                                                    0x0000
                                                             056
                                                                  dea
                                                                        0x00a0
                                                                                 wind direction 3s ava
13002
       ch02@cpu 0:64107
                           016@0100.12.02.02.003
                                                    0x0000
                                                             0.33
                                                                         0x00a0
                                                                   m/s
                                                                                  wind_speed_3s_avg
13003
       ch03@cpu_0:64107
                           016@0100.12.03.02.003
                                                    0x0000
                                                                         0x00a0
                                                             -0.11
                                                                    m/s
                                                                                   wind_speed_avg_x
13004
       ch04@cpu_0:64107
                           016@0100.12.04.02.003
                                                    0x0000
                                                             -0.22
                                                                         0x00a0
                                                                    m/s
                                                                                  wind_speed_avg_y
13005
                                                    0x0000
                                                                         0x00a0
       ch05@cpu 0:64107
                           016@0100.12.05.02.003
                                                             0.06
                                                                   m/s
                                                                                  wind speed min
13006
       ch06@cpu_0:64107
                           016@0100.12.06.02.003
                                                    0x0000
                                                             0.51
                                                                         0x00a0
                                                                   m/s
                                                                                  wind_speed_peak
13007
       ch07@cpu_0:64107
                           016@0100.12.07.02.003
                                                    0x0000
                                                                         0x00a0
                                                             0.44
                                                                   m/s
                                                                                  wind_speed_gust
13008
       ch08@cpu_0:64107
                           016@0100.12.08.02.003
                                                    0x0000
                                                             0.32
                                                                         0x00a0
                                                                                  wind speed lull
                                                                   m/s
                           016@0100.12.09.02.003
                                                                                 wind_direction_max
13009
       ch09@cpu_0:64107
                                                    0x0000
                                                             358
                                                                   deg
                                                                        0x00a0
13010
       ch10@cpu_0:64107
                           016@0100.12.10.02.003
                                                    0x0000
                                                             012
                                                                   deg
                                                                        0x00a0
                                                                                 wind_direction_min
13011
                           016@0100.12.11.02.003
       ch11@cpu_0:64107
                                                    0x0000
                                                             097
                                                                   deg
                                                                        0x00a0
                                                                                 wind_direction_at_wind_peak
13012
       ch12@cpu_0:64107
                           016@0100.12.12.02.003
                                                    0x0000
                                                             1
                                                                n
                                                                    0x00a0
                                                                            signal_quality_rg
S3180
        ch19@cpu_0:64107
                            016@0100.12.19.02.003
                                                     0x0000
                                                              0x00a0
                                                                       bit
                                                                           status_wmt702
06/07/2017
            10:22:32.0
                       cpu
                            _0:64108:vaa252wav151d-30
P3180
        ch00@cpu 0:64108
                            016@0100.12.00.02.003
                                                     0x0000
                                                              -99.99
                                                                      n
                                                                         0x00a0
                                                                                  wind processed
13001
       ch01@cpu 0:64108
                           016@0100.12.01.02.003
                                                    0x0000
                                                             056
                                                                        0x00a0
                                                                                 wind_direction_3s_avg
                                                                   dea
13002
       ch02@cpu_0:64108
                           016@0100.12.02.02.003
                                                    0x0000
                                                             0.33
                                                                   m/s
                                                                         0x00a0
                                                                                  wind_speed_3s_avg
13003
       ch03@cpu 0:64108
                           016@0100.12.03.02.003
                                                    0x0000
                                                                         0x00a0
                                                             -0.11
                                                                    m/s
                                                                                   wind speed avg x
13004
       ch04@cpu 0:64108
                           016@0100.12.04.02.003
                                                    0x0000
                                                             -0.22
                                                                    m/s
                                                                         0x00a0
                                                                                  wind speed avg y
13005
       ch05@cpu_0:64108
                           016@0100.12.05.02.003
                                                    0x0000
                                                             0.06
                                                                   m/s
                                                                         0x00a0
                                                                                  wind_speed_min
13006
       ch06@cpu_0:64108
                           016@0100.12.06.02.003
                                                    0x0000
                                                             0.51
                                                                   m/s
                                                                         0x00a0
                                                                                  wind_speed_peak
```

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13007
       ch07@cpu_0:64108
                           016@0100.12.07.02.003
                                                   0x0000
                                                                        0x00a0
                                                            0.44
                                                                  m/s
                                                                                wind_speed_gust
                           016@0100.12.08.02.003
13008
       ch08@cpu_0:64108
                                                   0x0000
                                                            0.32
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_lull
13009
       ch09@cpu_0:64108
                           016@0100.12.09.02.003
                                                    0x0000
                                                            358
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_max
                           016@0100.12.10.02.003
13010
       ch10@cpu_0:64108
                                                   0x0000
                                                            012
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_min
13011
                           016@0100.12.11.02.003
       ch11@cpu_0:64108
                                                    0x0000
                                                            097
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_at_wind_peak
13012
       ch12@cpu 0:64108
                           016@0100.12.12.02.003
                                                    0x0000
                                                            1
                                                               n
                                                                   0x00a0
                                                                            signal quality rg
S3180
       ch19@cpu_0:64108
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x00a0
                                                                      bit
                                                                          status wmt702
06/07/2017
            10:22:30.0
                            0:64109:hmp155d-r
                       cpu
P3045
       ch00@cpu_0:64109
                            016@0035.12.01.22.002
                                                    0x0000
                                                                 %RH
                                                                        0x0002
                                                                                 rel_humidity
                                                             60
P3010
                            016@0035.12.03.22.002
                                                    0x0000
                                                                                 temp_air_additional_Ta
       ch01@cpu_0:64109
                                                             24.3
                                                                   st.C
                                                                         0x0002
S3045
       ch06@cpu_0:64109
                            016@0035.12.08.22.002
                                                    0x0000
                                                             0x0002
                                                                      bit
                                                                          status_u16_hmp155
06/07/2017
            10:22:32.0
                       cpu
                           0:64110:wmt702d-12
P3180
       ch00@cpu 0:64110
                            016@0100.12.00.02.003
                                                    0x0000
                                                             -99.99
                                                                     n
                                                                        0x00a0
                                                                                 wind processed
13001
       ch01@cpu 0:64110
                           016@0100.12.01.02.003
                                                    0x0000
                                                            056
                                                                  deg
                                                                       0x00a0
                                                                                wind direction 3s avg
13002
       ch02@cpu 0:64110
                           016@0100.12.02.02.003
                                                    0x0000
                                                            0.33
                                                                  m/s
                                                                        0x00a0
                                                                                 wind speed 3s avg
13003
       ch03@cpu 0:64110
                           016@0100.12.03.02.003
                                                    0x0000
                                                            -0.11
                                                                        0x00a0
                                                                   m/s
                                                                                 wind speed avg x
13004
       ch04@cpu 0:64110
                           016@0100.12.04.02.003
                                                    0x0000
                                                            -0.22
                                                                   m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_y
13005
       ch05@cpu_0:64110
                           016@0100.12.05.02.003
                                                    0x0000
                                                            0.06
                                                                  m/s
                                                                        0x00a0
                                                                                 wind_speed_min
13006
                           016@0100.12.06.02.003
                                                   0x0000
                                                                        0x00a0
       ch06@cpu_0:64110
                                                            0.51
                                                                                 wind_speed_peak
                                                                  m/s
13007
       ch07@cpu_0:64110
                           016@0100.12.07.02.003
                                                    0x0000
                                                                        0x00a0
                                                            0.44
                                                                  m/s
                                                                                 wind_speed_gust
13008
       ch08@cpu_0:64110
                           016@0100.12.08.02.003
                                                   0x0000
                                                                        0x00a0
                                                            0.32
                                                                  m/s
                                                                                 wind_speed_lull
13009
       ch09@cpu_0:64110
                           016@0100.12.09.02.003
                                                    0x0000
                                                            358
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_max
                           016@0100.12.10.02.003
13010
       ch10@cpu_0:64110
                                                   0x0000
                                                            012
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_min
13011
       ch11@cpu_0:64110
                           016@0100.12.11.02.003
                                                    0x0000
                                                            097
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_at_wind_peak
13012
       ch12@cpu_0:64110
                           016@0100.12.12.02.003
                                                   0x0000
                                                            1
                                                               n
                                                                   0x00a0
                                                                           signal_quality_rg
S3180
       ch19@cpu_0:64110
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x00a0
                                                                      bit
                                                                          status_wmt702
06/07/2017
            10:22:32.0 cpu 0:64111:vaa252wav151d-12
P3180
       ch00@cpu_0:64111
                            016@0100.12.00.02.003
                                                    0x0000
                                                             -99.99
                                                                        0x00a0
                                                                                 wind_processed
                                                                     n
13001
       ch01@cpu_0:64111
                           016@0100.12.01.02.003
                                                    0x0000
                                                            056
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_3s_avg
13002
       ch02@cpu_0:64111
                           016@0100.12.02.02.003
                                                    0x0000
                                                            0.33
                                                                        0x00a0
                                                                  m/s
                                                                                 wind_speed_3s_avg
13003
       ch03@cpu_0:64111
                           016@0100.12.03.02.003
                                                    0x0000
                                                             -0.11
                                                                   m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_x
13004
       ch04@cpu_0:64111
                           016@0100.12.04.02.003
                                                    0x0000
                                                             -0.22
                                                                   m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_y
13005
       ch05@cpu 0:64111
                           016@0100.12.05.02.003
                                                    0x0000
                                                            0.06
                                                                  m/s
                                                                        0x00a0
                                                                                 wind speed min
                                                                                 wind_speed_peak
13006
       ch06@cpu 0:64111
                           016@0100.12.06.02.003
                                                   0x0000
                                                            0.51
                                                                        0x00a0
                                                                  m/s
13007
       ch07@cpu_0:64111
                           016@0100.12.07.02.003
                                                    0x0000
                                                                        0x00a0
                                                            0.44
                                                                  m/s
                                                                                 wind_speed_gust
13008
       ch08@cpu_0:64111
                           016@0100.12.08.02.003
                                                    0x0000
                                                            0.32
                                                                        0x00a0
                                                                  m/s
                                                                                 wind_speed_lull
13009
       ch09@cpu 0:64111
                                                            358
                                                                  deg
                           016@0100.12.09.02.003
                                                    0x0000
                                                                       0x00a0
                                                                                wind direction max
                                                                                wind_direction_min
13010
       ch10@cpu_0:64111
                           016@0100.12.10.02.003
                                                   0x0000
                                                            012
                                                                  deg
                                                                       0x00a0
13011
       ch11@cpu_0:64111
                           016@0100.12.11.02.003
                                                    0x0000
                                                                       0x00a0
                                                            097
                                                                  deg
                                                                                wind_direction_at_wind_peak
13012
       ch12@cpu_0:64111
                           016@0100.12.12.02.003
                                                    0x0000
                                                                           signal quality rg
                                                            1
                                                               n
                                                                   0x00a0
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x00a0
S3180
       ch19@cpu_0:64111
                                                                      bit
                                                                          status_wmt702
06/07/2017
            10:22:30.0 cpu_0:64112:mbio120d-ko
P4070
                            016@0001.12.01.97.004
       ch04@cpu_0:64112
                                                    0x0000
                                                             24.5
                                                                   ٧
                                                                       dc_voltage
P4014
       ch05@cpu_0:64112
                            016@0001.12.02.97.004
                                                    0x0000
                                                             25.1
                                                                   st.C
                                                                         ams_temperature
P4035
        ch06@cpu_0:64112
                            016@0001.12.03.97.004
                                                    0x0000
                                                             55
                                                                 %rH
                                                                       ams_rel_humidity
                            016@0001.12.99.97.004
S4001
       ch07@cpu_0:64112
                                                    0x0000
                                                             1
                                                                Din
                                                                     door_status
06/07/2017
            10:22:20.0 cpu 1:60002:hmp155d-p
P3045
       ch00@cpu 1:60002
                            016@0035.12.01.22.002
                                                    0x8400
                                                             -999
                                                                   %RH
                                                                          0x////
                                                                                 rel humidity
P3010
       ch01@cpu_1:60002
                            016@0035.12.03.22.002
                                                    0x8400
                                                             -99.9
                                                                          0x////
                                                                                temp_air_additional_Ta
S3045
                            016@0035.12.08.22.002
                                                    0x8400
                                                             -999
       ch06@cpu 1:60002
                                                                   bit
                                                                       status u16 hmp155
06/07/2017
            10:22:00.0
                       cpu 1:60004:pluvio2d
P3120
       ch03@cpu_1:60004
                            016@0120.12.04.04.012
                                                    0x8400
                                                             -99.99
                                                                     mm
                                                                          0x///////
                                                                                   acumulated_total_NRT
P3121
       ch05@cpu_1:60004
                            016@0120.12.06.04.012
                                                    0x8400
                                                             -99.99
                                                                          0x///////
                                                                                   bucket_NRT
                                                                     mm
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l3045 ch06@cpu_1:60004 016@0120.12.07.04.012 0x8400 -99.9 st.C 0x/////// temperature_load_cell						
l3046 ch07@cpu_1:60004 016@0120.12.08.04.012 0x8400 -99.9 st.C 0x/////// temperature_electronics_unit						
l3047 ch08@cpu_1:60004 016@0120.12.09.04.012 0x8400 -99.9 V 0x/////// power_supply						
l3048 ch09@cpu_1:60004 016@0120.12.10.04.012 0x8400 -99.9 st.C 0x/////// temperature_orifice_ring_rim						
S3120 ch10@cpu_1:60004 016@0120.12.11.04.012 0x8400 -999 bit status_heating						
S3121 ch11@cpu_1:60004 016@0120.12.12.04.012 0x8400 -999 bit status_pluvio2						
06/07/2017 10:21:00.0 cpu_1:60006:lpmd						
P3124 ch01@cpu_1:60006 016@0123.12.02.06.001 0x8400 -99.999 mm/h 0x//// 5min_intensity						
P3125 ch02@cpu_1:60006 016@0123.12.03.06.001 0x8400 -99.99 mm 0x//// precipitation_amount						
P3126 ch03@cpu_1:60006 016@0123.12.04.06.001 0x8400 -999 code 0x//// 5min_SYNOP_tab4680						
P3127 ch07@cpu_1:60006 016@0123.12.08.06.001 0x8400 -99.9 dBz 0x//// 1min_radar_reflectivity						
l3066 ch10@cpu_1:60006 016@0123.12.11.06.001 0x8400 -999 mV 0x//// control_voltage						
l3067 ch11@cpu_1:60006 016@0123.12.12.06.001 0x8400 -99.9 st.C 0x//// ambient_T						
S3124 ch12@cpu_1:60006 016@0123.12.13.06.001 0x8400 -999 bit LPM_status						
06/07/2017 10:22:00.0 cpu_1:60007:shm30d						
P3150 ch00@cpu_1:60007 016@0126.11.01.06.001 0x8400 -99.9 cm 0x//// snow_depth						
P3151 ch01@cpu_1:60007 016@0126.11.02.06.001 0x8400 -99.999 - 0x//// signal_strength						
l3071 ch02@cpu_1:60007 016@0126.11.03.06.001 0x8400 -99.9 st.C 0x//// temperature						
S3150 ch03@cpu_1:60007 016@0126.11.04.06.001 0x8400 -999 bit status_shm30						
06/07/2017 10:22:20.0 cpu_1:60008:iod						
P3129 ch00@cpu_1:60008 016@0120.12.01.03.001 0x8000 0 bit precipitation_duration						
P3005 ch08@cpu_1:60008 016@0001.12.02.30.011 0x8000 24.2 st.C Tair_1000EO800						
P3370 ch11@cpu_1:60008 016@0010.12.05.05.008 0x8400 -99.9 st.C temp_soil5cm						
P3371 ch12@cpu_1:60008 016@0010.12.05.06.008 0x8400 -99.9 st.C temp_soil10cm						
P3372 ch13@cpu_1:60008 016@0010.12.05.07.008 0x8400 -99.9 st.C temp_soil20cm						
P3373 ch14@cpu_1:60008 016@0010.12.05.08.008 0x8400 -99.9 st.C temp_soil30cm						
P3374 ch15@cpu_1:60008 016@0010.12.05.09.008 0x8400 -99.9 st.C temp_soil50cm						
06/07/2017 10:22:30.0 cpu 1:60010:uc8410iod						
S3001 ch00@cpu 1:60010 016@0001.12.04.30.005 0x8000 000 bit replace buffer ready						
S3002 ch01@cpu_1:60010 016@0001.12.99.30.005 0x8000 1 bit door_status						
06/07/2017 10:21:50.0 cpu_1:64001:pico64d-10						
P3390 ch00@cpu_1:64001 016@0132.12.01.01.002 0x8400 -999 % 0x//// soil_moisture						
P3391 ch01@cpu_1:64001 016@0132.12.02.01.002 0x8400 -99.9 st.C 0x//// soil_temperature						
P3392 ch02@cpu 1:64001 016@0132.12.03.01.002 0x8400 -99.99 dS/m 0x//// bulk conductivity						
S3390 ch03@cpu_1:64001 016@0132.12.04.01.002 0x8400 -999 bit status_u16_pico64						
06/07/2017 10:21:50.0 cpu_1:64002:pico64d-20						
P3393 ch00@cpu_1:64002 016@0132.12.01.02.002 0x8400 -999 % 0x//// soil_moisture						
P3394 ch01@cpu_1:64002 016@0132.12.02.02.002 0x8400 -99.9 st.C 0x//// soil_temperature						
P3395 ch02@cpu_1:64002 016@0132.12.03.02.002 0x8400 -99.99 dS/m 0x//// bulk_conductivity						
S3393 ch03@cpu 1:64002 016@0132.12.04.02.002 0x8400 -999 bit status u16 pico64						
06/07/2017 10:21:50.0 cpu_1:64003:pico64d-30						
P3396 ch00@cpu_1:64003 016@0132.12.01.03.002 0x8400 -999 % 0x//// soil_moisture						
P3397 ch01@cpu 1:64003 016@0132.12.02.03.002 0x8400 -99.9 st.C 0x//// soil temperature						
P3398 ch02@cpu_1:64003 016@0132.12.03.03.002 0x8400 -99.99 dS/m 0x//// bulk_conductivity						
S3396 ch03@cpu_1:64003 016@0132.12.04.03.002 0x8400 -999 bit status_u16_pico64						
06/07/2017 10:22:20.0 cpu 1:64004:spn1d						
P3302 ch00@cpu_1:64004 016@0043.11.01.05.003 0x8400 -99.9 W/m2 global_solar_radiation						
P3303 ch01@cpu_1:64004 016@0043.11.02.05.003 0x8400 -99.9 W/m2 diffuse_solar_radiation						
P3304 ch02@cpu 1:64004 016@0043.11.08.05.003 0x8400 -999 bit sunshine duration						
06/07/2017 10:22:30.0 cpu 1:64005:smp11d						
P3300 ch00@cpu 1:64005 016@0043.12.01.02.008 0x8400 -99.9 W/m2 0x//// global solar radiation						
I3101 ch01@cpu_1:64005 016@0043.12.01.02.008 0x8400 -99.9 st.C 0x//// smp11_body_temperature						
I3102 ch02@cpu_1:64005 016@0043.12.04.02.008 0x8400 -99.9 Vdc 0x//// smp11_supply_voltage						
10102 0102 0000 110000 010000012.04.02.000 000400 00.0 Valo 00//// onip11_supply_voltage						

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```
\label{eq:condition} S3300 \quad ch03@cpu\_1:64005 \quad 016@0043.12.05.02.008 \quad 0x8400 \quad -999 \quad bit \quad smp11\_status \\ jmd(60000)>
```

### FTP - QNAP

root@d8:/home/xober# ftp mober.arso.sigov.si

Connected to vihar.arso.sigov.si.

220 vihar.rzs-hm.si MultiNet FTP Server Process V4.4(16) at Thu 6-Jul-2017 9:24AM-GMT

Name (mober.arso.sigov.si:xober): M493

331 User name (M493) ok. Password, please.

Password:

530 %SYSTEM-F-INVLOGIN, login information invalid at remote node

Login failed.

Remote system type is VMS.

ftp> exit

221 QUIT command received. Goodbye.

root@d8:/home/xober#

root@d8:/home/xober# ftp mober.arso.sigov.si

Connected to vihar.arso.sigov.si.

220 vihar.rzs-hm.si MultiNet FTP Server Process V4.4(16) at Thu 6-Jul-2017 9:24AM-GMT

Name (mober.arso.sigov.si:xober): M493

331 User name (M493) ok. Password, please.

Password:

530 %SYSTEM-F-INVLOGIN, login information invalid at remote node

Login failed.

Remote system type is VMS.

ftp> exit

221 QUIT command received. Goodbye.

#### #8 - 2017-07-06 15:50 - Jernej Perdan

- Datoteka CL31\_na\_ARSO\_email.pdf dodan

Podatki za CL31 se sedaj berejo iz 172.19.6.13:4001

### cl31d-12

```
cl31d-12(64106)>get ta
06/07/2017 \quad 14:19:00.0 \quad cpu\_0:64106:cl31d-12
P3250 ch00@cpu_0:64106 016@0186.12.00.01.001 0x0000 0 code /// ft 0 code /// ft 0 code /// ft 0 code /// ft 0
ft 0x00000100 ceilometer_cloud_layers
       ch01@cpu_0:64106 016@0186.12.01.01.001
P3251
                                                0x0000 0 code 0x00000100 cloud_amount_1st_layer
P3252
       ch02@cpu_0:64106
                          016@0186.12.02.01.001
                                                 0x0000 ///
                                                            ft
                                                               0x00000100 height_1st_cloud_layer_ft
P3253 ch03@cpu_0:64106
                          016@0186.12.03.01.001
                                                 0x0000 ///
                                                                0x00000100 height_1st_cloud_layer_m
P3254
       ch04@cpu 0:64106
                          016@0186.12.04.01.001
                                                 0x0000 0
                                                                  0x00000100 cloud amount 2nd layer
                                                            code
P3255
       ch05@cpu 0:64106
                          016@0186.12.05.01.001
                                                 0x0000 ///
                                                               0x00000100 height 2nd cloud layer ft
                                                            ft
P3256
                          016@0186.12.06.01.001
                                                 0x0000
                                                                0x00000100 height_2nd_cloud_layer_m
       ch06@cpu_0:64106
                                                        ///
                                                            m
P3257
       ch07@cpu_0:64106
                          016@0186.12.07.01.001
                                                 0x0000 0
                                                            code
                                                                 0x00000100 cloud_amount_3rd_layer
```

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```
P3258
       ch08@cpu_0:64106
                           016@0186.12.08.01.001
                                                   0x0000
                                                           ///
                                                                  0x00000100
                                                                               height_3rd_cloud_layer_ft
                                                               ft
P3259
       ch09@cpu_0:64106
                           016@0186.12.09.01.001
                                                   0x0000
                                                           ///
                                                               m
                                                                   0x00000100
                                                                                height_3rd_cloud_layer_m
                                                                    0x00000100 cloud_amount_4th_layer
P3260
       ch10@cpu_0:64106
                           016@0186.12.10.01.001
                                                   0x0000
                                                           0
                                                              code
                                                  0x0000
P3261
       ch11@cpu_0:64106
                           016@0186.12.11.01.001
                                                           ///
                                                               ft
                                                                  0x00000100
                                                                               height_4th_cloud_layer_ft
       ch12@cpu_0:64106
                           016@0186.12.12.01.001
                                                                                height_4th_cloud_layer_m
P3262
                                                   0x0000
                                                           ///
                                                               m
                                                                   0x00000100
                           016@0186.12.13.01.001
                                                           0x00000100 bit
S3250
       ch13@cpu 0:64106
                                                   0x0000
                                                                            status cl31
```

#### ct25kd-30

```
ct25kd-30(64104)>get ta
06/07/2017 14:34:15.0 cpu 0:64104:ct25kd-30
P3250 ch00@cpu 0:64104 016@0186.12.00.01.001
                                                  0x0000
                                                              code
                                                                    /// ft 0 code /// ft 0 code /// ft 0 code
ft 0x00000100 ceilometer_cloud_layers
P3251
       ch01@cpu 0:64104
                           016@0186.12.01.01.001
                                                  0x0000
                                                                    0x00000100 cloud amount 1st layer
                                                           0
                                                              code
P3252
       ch02@cpu 0:64104
                           016@0186.12.02.01.001
                                                  0x0000
                                                           ///
                                                               ft
                                                                  0x00000100
                                                                               height_1st_cloud_layer_ft
                                                  0x0000
P3253
       ch03@cpu_0:64104
                           016@0186.12.03.01.001
                                                           ///
                                                               m
                                                                  0x00000100
                                                                               height_1st_cloud_layer_m
P3254
                           016@0186.12.04.01.001
                                                  0x0000
                                                                                 cloud_amount_2nd_layer
       ch04@cpu_0:64104
                                                          0
                                                                    0x00000100
                                                              code
P3255
       ch05@cpu_0:64104
                           016@0186.12.05.01.001
                                                  0x0000
                                                           ///
                                                                  0x00000100
                                                                               height_2nd_cloud_layer_ft
                                                               ft
P3256
       ch06@cpu_0:64104
                           016@0186.12.06.01.001
                                                  0x0000
                                                           ///
                                                                               height_2nd_cloud_layer_m
                                                               m
                                                                   0x00000100
P3257
       ch07@cpu_0:64104
                           016@0186.12.07.01.001
                                                  0x0000
                                                           0
                                                              code
                                                                    0x00000100
                                                                                 cloud_amount_3rd_layer
                           016@0186.12.08.01.001
                                                                               height_3rd_cloud_layer_ft
P3258
       ch08@cpu_0:64104
                                                  0x0000
                                                           ///
                                                               ft
                                                                  0x00000100
P3259
       ch09@cpu_0:64104
                           016@0186.12.09.01.001
                                                  0x0000
                                                           ///
                                                               m
                                                                  0x00000100
                                                                               height_3rd_cloud_layer_m
P3260
       ch10@cpu_0:64104
                           016@0186.12.10.01.001
                                                  0x0000
                                                           0
                                                              code
                                                                    0x00000100
                                                                                 cloud_amount_4th_layer
P3261
       ch11@cpu_0:64104
                           016@0186.12.11.01.001
                                                  0x0000
                                                           ///
                                                               ft
                                                                  0x00000100
                                                                               height_4th_cloud_layer_ft
P3262
       ch12@cpu_0:64104
                           016@0186.12.12.01.001
                                                  0x0000
                                                           ///
                                                               m
                                                                  0x00000100
                                                                               height_4th_cloud_layer_m
S3250
       ch13@cpu_0:64104
                           016@0186.12.13.01.001
                                                  0x0000
                                                           0x00000100
                                                                       bit
                                                                            status cl31
```

#### #9 - 2017-07-10 16:55 - Nikola Kostić

```
N2 (MOXA UC)
ZL 172.19.74.196
TZ 172.19.6.88 <<<<<<< 172.19.6.196 je bil že zaseden!!
N3 (MOXA NPort)
ZL 172.19.74.197
TZ 172.19.6.197
```

```
hmp155-r
```

ZL N4 172.19.74.198 : 4001

TZ 172.19. 6.84 : 64007 (moxa NPort pri Test2)

ptb330-p

ZL ME102 172.19.74.227: 4001

TZ 172.19. 7. 78 : 4001 (moxa IA-5250 pri mbio)

mbio

ZL K01 172.19.74.86:4001

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#### ptb330-r

ZL ME113 172.19.74.229: 4001

TZ 172.19. 7. 78: 4002 (moxa IA-5250 pri mbio)

#### wmt702 (simulating 4 sensors)

ZL BR302 172.19.74.236: 4001 (wmt702 30)

ZL BR313 172.19.74.237 : 4001 (WAA252-WAV151\_30)

ZL BR121 172.19.74.239: 4001 (wmt702 12)

ZL BR122 172.19.74.240: 4001 (WAA252-WAV151\_12)

TZ 172.19. 7. 78: 4002 (moxa NPort pri Test2)

#### #10 - 2017-07-11 16:50 - Jernej Perdan

- % Narejeno se je spremenilo iz 20 v 30

Na virtualko dodana verzija rvrd-a, ki ima vklopljene kanale za prvo vrstico RVR telegrama.

```
rvrd-a(64101)>get ta
11/07/2017 15:45:50.0 cpu_0:64101:rvrd-a
      ch03@cpu_0:64101
                          016@0180.14.03.01.001
                                                  0x0800
                                                                     0x0000004000000000
                                                                                           vis1_rvr_trend_10min_period
lxxxx
                                                          Ν
                                                             code
Pxxxx
       ch04@cpu_0:64101
                           016@0180.14.04.01.001
                                                   0x0942
                                                           2100
                                                                  m
                                                                      0x0000004000000000
                                                                                            vis1_rvr_1min_avg
      ch05@cpu_0:64101
                          016@0180.14.05.01.001
                                                                                             vis1_mor_1min_avg
Ixxxx
                                                  0x0800
                                                           10000.0
                                                                    m
                                                                        0x0000004000000000
Ixxxx
      ch06@cpu_0:64101
                          016@0180.14.06.01.001
                                                  0x0942
                                                           2100
                                                                     0x0000004000000000
                                                                                           vis1_rvr_1min_min_10min_period
                           016@0180.14.07.01.001
Pxxxx
       ch07@cpu_0:64101
                                                   0x0942
                                                           2100
                                                                  m
                                                                      0x0000004000000000
                                                                                            vis1_rvr_1min_max_10min_period
Ixxxx
      ch08@cpu_0:64101
                          016@0180.14.08.01.001
                                                  0x0942
                                                          2100
                                                                 m
                                                                     0x0000004000000000
                                                                                           vis1_rvr_10min_avg
                           016@0180.14.09.01.001
       ch09@cpu 0:64101
                                                   0x0800
                                                            10356
                                                                   cd/sqm 0x000000400000000
vis1 background luminance 1min avg
       ch10@cpu_0:64101
                           016@0180.14.10.01.001
                                                   0x0800
                                                            100
                                                                     0x0000004000000000
                                                                                           rwy_edge_light_settings
Pxxxx
                                                                 %
      ch11@cpu_0:64101
                          016@0180.14.11.01.001
                                                  0x0800
                                                           100
                                                                %
                                                                    0x0000004000000000
                                                                                          rwy_center_light_settings
Ixxxx
Ixxxx
      ch12@cpu_0:64101
                          016@0180.14.12.01.001
                                                  0x0800
                                                           10000
                                                                      0x0000004000000000
                                                                                            prevailing_visibility_1min_avg
Ixxxx
      ch13@cpu_0:64101
                          016@0180.14.13.01.001
                                                  0x0800
                                                           10000
                                                                  m
                                                                      0x0000004000000000
                                                                                            prevailing_visibility_10min_avg
      ch14@cpu 0:64101
                          016@0180.14.14.01.001
                                                  0x0800
                                                           10000
                                                                  m
                                                                      0x0000004000000000
Ixxxx
minimum_instant_visibility_10min_period
      ch15@cpu_0:64101
                          016@0180.14.15.01.001
                                                  0x0800
                                                           SE
                                                                      0x0000004000000000
Ixxxx
                                                               code
minimum_instant_vis_direction_10min_period
Pxxxx
       ch16@cpu 0:64101
                           016@0180.14.16.01.001
                                                   0x0000
                                                                     0x00
                                                                            pw1 instant present weather code wmo synop
                                                           0
                                                              code
                          016@0180.14.17.01.001
      ch17@cpu 0:64101
                                                  0x0000
                                                           0
                                                                    0x00
                                                                           pw1_15minute_pw_code_wmo_synop
Ixxxx
                                                              code
      ch18@cpu_0:64101
                          016@0180.14.18.01.001
                                                  0x0000
                                                           0
                                                                    0x00
                                                                           pw1_1hour_pw_code_wmo_synop
Ixxxx
                                                              code
      ch19@cpu 0:64101
                          016@0180.14.19.01.001
                                                  0x0000
                                                           //////
                                                                       0x00
                                                                             pw1 instant pw code wmo metar
Ixxxx
                                                                 code
      ch20@cpu_0:64101
                          016@0180.14.20.01.001
lxxxx
                                                  0x0000
                                                           //////
                                                                 code
                                                                       0x00
                                                                             pw1_recent_pw_code_wmo_metar
Pxxxx
       ch21@cpu_0:64101
                           016@0180.14.21.01.001
                                                                               pw1_precipitation_water_intensity
                                                   0x00a1
                                                           0.00
                                                                 mm/h
                                                                        0x00
      ch22@cpu_0:64101
                          016@0180.14.22.01.001
                                                                             pw1_precipitation_cumulative_water
Ixxxx
                                                  0x0000
                                                           1.08
                                                                 mm
                                                                      0x00
Ixxxx
      ch23@cpu_0:64101
                          016@0180.14.23.01.001
                                                  0x0000
                                                           31.3
                                                                 st.C
                                                                      0x00
                                                                             pw1_temperature
Sxx1a
       ch54@cpu_0:64101
                           016@0180.14.54.01.001
                                                   0x0000
                                                            0x00000000
                                                                         bit
                                                                             rvr_lt31_1a_status
Sxx1b
       ch55@cpu_0:64101
                           016@0180.14.55.01.001
                                                   0x0000
                                                            0x00000040
                                                                        bit
                                                                             rvr_lt31_1b_status
Sxx1p
       ch56@cpu 0:64101
                           016@0180.14.56.01.001
                                                   0x0000
                                                            0x00
                                                                 bit rvr pw1 status
```

### rvrd-a(64101)>get pa

P0@cpu\_0:64101 15:47 11/07/2017 15:41 11/07/2017 15:31 11/07/2017 15:40 11/07/2017 15:31 11/07/2017 00080 M493 016

lxxxx ch03@cpu\_0:64101 016@0180.14.03.01.001 0 0x0800 N 100 0x0000004000000000

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Pxxxx ch04@cpu_0:64101 016@0180.14.04.01.001 0 0x0942 2100 2100 15:31 2100 15:31 2100 0.0
0×000000400000000
lxxxx ch05@cpu_0:64101 016@0180.14.05.01.001 0 0x0800 10000.0 10000.0 15:31 10000.0 15:31 10000.0 0.0
0x000000400000000
lxxxx ch06@cpu_0:64101 016@0180.14.06.01.001 0 0x0942 2100 2100 15:31 2100 15:31 2100 0.0
0x000000400000000
Pxxxx ch07@cpu_0:64101 016@0180.14.07.01.001 0 0x0942 2100 2100 15:31 2100 15:31 2100 0.0
0x000000400000000
lxxxx ch08@cpu_0:64101 016@0180.14.08.01.001 0 0x0942 2100 2100 15:31 2100 15:31 2100 0.0
0x000000400000000
Pxxxx ch09@cpu_0:64101 016@0180.14.09.01.001 0 0x0800 12968 17998 15:34 8959 15:31 12250 2385.7
0x000000400000000
Pxxxx ch10@cpu_0:64101 016@0180.14.10.01.001 0 0x0800 100 100 15:31 100 15:31 100 0.0 0x0000004000000000000000000000000
lxxxx ch11@cpu_0:64101 016@0180.14.11.01.001 0 0x0800 100 100 15:31 100 15:31 100 0.0 0x0000004000000000
lxxxx ch12@cpu_0:64101 016@0180.14.12.01.001 0 0x0800 10000 15:31 10000 15:31 10000 0.0
0x000000400000000
lxxxx ch13@cpu_0:64101 016@0180.14.13.01.001 0 0x0800 10000 15:31 10000 15:31 10000 0.0
0x000000400000000
lxxxx ch14@cpu_0:64101 016@0180.14.14.01.001 0 0x0800 10000 15:31 10000 15:31 10000 0.0
0x000000400000000
lxxxx ch15@cpu_0:64101 016@0180.14.15.01.001 0 0x0800 SE 100 0x0000004000000000
Pxxxx ch16@cpu_0:64101 016@0180.14.16.01.001 65 0x0800 0 0 0x00
lxxxx ch17@cpu_0:64101 016@0180.14.17.01.001 65 0x0800 0 0 0x00
lxxxx ch18@cpu_0:64101 016@0180.14.18.01.001 65 0x0800 0 0 0x00
lxxxx ch19@cpu_0:64101 016@0180.14.19.01.001 65 0x0800 /////// 100 0x00
lxxxx ch20@cpu_0:64101 016@0180.14.20.01.001 65 0x0800 /////// 100 0x00
Pxxxx ch21@cpu_0:64101 016@0180.14.21.01.001 0 0x08a1 0.00 0.00 15:31 0.00 15:31 0.00 0x00
lxxxx ch22@cpu_0:64101 016@0180.14.22.01.001 65 0x0800 1.08 1.08 15:31 1.08 15:31 1.08 0.00 0x00
lxxxx ch23@cpu_0:64101 016@0180.14.23.01.001 65 0x0800 31.4 32.3 15:40 30.7 15:32 32.2 0.6 0x00

rvrd-a(64101)>sensor status ch55

ch55 status channel rval: 0x00000040 pval: 0x00000040 validity: 0000

bit S report validity description

|1| 06 true true Receiver status warning. Ex. window receiver saturated, window transmitter light source aging warning, etc.

### TODO

(A. Kolenc)

Na senzorskih modulih:

- hmp155d-p
- pluvio2d
- shm30d

se vklopi shranjevanje data telegrama.

### #11 - 2017-07-13 11:43 - Andreja Kolenc

Na hmp155d-p in hmp155d-r je potrebno vključiti vse kanale.

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### #12 - 2017-07-17 14:59 - Jernej Perdan

Vklopljeno shranevanje telegrama za:

- hmp155d-p
- pluvio2d
- shm30d

Za hmp155d-p in hmp155d-r so vklopljeni vsi kanali.

Tečejo vsi senzorski moduli.

Naloženi verziji:

- CPU\_0

http://pivka.arso.sigov.si:8008/svn/xober op location/3000 amws/00008 M493 Letalisce JP Ljubljana/3B00 ipkg/tags/dv/release-00008.0.4.1.1

- CPU 1

http://pivka.arso.sigov.si:8008/svn/xober op location/3000 amws/00008 M493 Letalisce JP Ljubljana/3B00 ipkg/tags/dv/release-00008.0.4.1.1/1

imd - CPU 0

```
jmd(60000)>get jmd
Station
| name : amws
| code : M493
| type : 016
| file : K01
`-- CPU_0:172.19.6.81:3000_1000EO800
   `--o jmd:60000:tcp
     |--<> sm:00:cpuref=CPU_0:64101:rvrd-a:enabled:report=enabled
     |--<> sm:01:cpuref=CPU_0:64102:rvrd-b:enabled:report=enabled
     |--<> sm:02:cpuref=CPU_0:64103:ptb330d-p:enabled:report=enabled
     |--<> sm:03:cpuref=CPU 0:64104:ct25kd-30:enabled:report=enabled
     |--<> sm:04:cpuref=CPU 0:64105:ptb330d-r:enabled:report=enabled
      |--<> sm:05:cpuref=CPU_0:64106:cl31d-12:enabled:report=enabled
     |--<> sm:06:cpuref=CPU_0:64107:wmt702d-30:enabled:report=enabled
     |--<> sm:07:cpuref=CPU 0:64108:vaa252wav151d-30:enabled:report=enabled
     |--<> sm:08:cpuref=CPU 0:64109:hmp155d-r:enabled:report=enabled
      |--<> sm:09:cpuref=CPU_0:64110:wmt702d-12:enabled:report=enabled
     |--<> sm:10:cpuref=CPU 0:64111:vaa252wav151d-12:enabled:report=enabled
     |--<> sm:11:cpuref=CPU_0:64112:mbio120d-ko:enabled:report=enabled
     |--<> sm:12:cpuref=CPU_1:60002:hmp155d-p:enabled:report=enabled
     |--<> sm:13:cpuref=CPU_1:60004:pluvio2d:enabled:report=enabled
     |--<> sm:14:cpuref=CPU_1:60006:lpmd:enabled:report=enabled
     |--<> sm:15:cpuref=CPU_1:60007:shm30d:enabled:report=enabled
     |--<> sm:16:cpuref=CPU_1:60008:iod:enabled:report=enabled
     |--<> sm:17:cpuref=CPU 1:60010:uc8410iod:enabled:report=enabled
     |--<> sm:18:cpuref=CPU_1:64001:pico64d-10:enabled:report=enabled
     |--<> sm:19:cpuref=CPU_1:64002:pico64d-20:enabled:report=enabled
     |--<> sm:20:cpuref=CPU 1:64003:pico64d-30:enabled:report=enabled
     |--<> sm:21:cpuref=CPU 1:64004:spn1d:enabled:report=enabled
      `--<> sm:22:cpuref=CPU_1:64005:smp11d:enabled:report=enabled
jmd(60000)>get ta
```

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```
17/07/2017 13:55:10.0 cpu_0:64101:rvrd-a
                           016@0180.14.03.01.001
                                                                                           vis1_rvr_trend_10min_period
Ixxxx
      ch03@cpu_0:64101
                                                   0x0000
                                                           U
                                                              code
                                                                     0x0000004000000000
                                                            2100
Pxxxx
       ch04@cpu_0:64101
                           016@0180.14.04.01.001
                                                   0x0142
                                                                  m
                                                                      0x0000004000000000
                                                                                            vis1_rvr_1min_avg
                                                   0x0000
Ixxxx
      ch05@cpu_0:64101
                           016@0180.14.05.01.001
                                                           10000.0
                                                                    m
                                                                        0x0000004000000000
                                                                                              vis1_mor_1min_avg
                           016@0180.14.06.01.001
                                                           2100
Ixxxx
      ch06@cpu_0:64101
                                                   0x0142
                                                                  m
                                                                      0x0000004000000000
                                                                                            vis1_rvr_1min_min_10min_period
Pxxxx
       ch07@cpu 0:64101
                           016@0180.14.07.01.001
                                                   0x0142
                                                            2100
                                                                   m
                                                                      0x0000004000000000
                                                                                            vis1 rvr 1min max 10min period
      ch08@cpu 0:64101
                           016@0180.14.08.01.001
                                                   0x0142
                                                           2100
                                                                  m
                                                                      0x0000004000000000
                                                                                            vis1 rvr 10min avg
Ixxxx
       ch09@cpu 0:64101
                           016@0180.14.09.01.001
                                                   0x0000
                                                            10369
                                                                    cd/sqm
                                                                            0x0000004000000000
vis1_background_luminance_1min_avg
       ch10@cpu_0:64101
                           016@0180.14.10.01.001
                                                   0x0000
                                                            100
                                                                     0x0000004000000000
Pxxxx
                                                                 %
                                                                                            rwy_edge_light_settings
                           016@0180.14.11.01.001
                                                   0x0000
                                                                     0x0000004000000000
Ixxxx
      ch11@cpu_0:64101
                                                            100
                                                                 %
                                                                                           rwy_center_light_settings
lxxxx
      ch12@cpu_0:64101
                           016@0180.14.12.01.001
                                                   0x0000
                                                            10000
                                                                   m
                                                                       0x0000004000000000
                                                                                             prevailing_visibility_1min_avg
Ixxxx
      ch13@cpu 0:64101
                           016@0180.14.13.01.001
                                                   0x0000
                                                            10000
                                                                   m
                                                                       0x0000004000000000
                                                                                             prevailing visibility 10min ava
Ixxxx
      ch14@cpu 0:64101
                           016@0180.14.14.01.001
                                                   0x0000
                                                           10000
                                                                   m
                                                                       0x0000004000000000
minimum instant visibility 10min period
      ch15@cpu 0:64101
                           016@0180.14.15.01.001
                                                   0x0000
                                                           SE
                                                                code
                                                                       0x0000004000000000
Ixxxx
minimum instant vis direction 10min period
                           016@0180.14.16.01.001
                                                                            pw1_instant_present_weather_code_wmo_synop
Pxxxx
       ch16@cpu 0:64101
                                                   0x0000
                                                            O
                                                               code
                                                                      0x00
                           016@0180.14.17.01.001
                                                   0x0000
                                                           0
                                                                     0x00
Ixxxx
      ch17@cpu_0:64101
                                                              code
                                                                            pw1_15minute_pw_code_wmo_synop
      ch18@cpu_0:64101
                           016@0180.14.18.01.001
                                                   0x0000
                                                           n
                                                                     0x00
lxxxx
                                                              code
                                                                            pw1_1hour_pw_code_wmo_synop
      ch19@cpu_0:64101
                           016@0180.14.19.01.001
                                                   0x0000
                                                           //////
                                                                              pw1_instant_pw_code_wmo_metar
Ixxxx
                                                                 code
                                                                        0x00
Ixxxx
      ch20@cpu_0:64101
                           016@0180.14.20.01.001
                                                   0x0000
                                                           ///////
                                                                 code
                                                                        0x00
                                                                              pw1_recent_pw_code_wmo_metar
       ch21@cpu_0:64101
                           016@0180.14.21.01.001
Pxxxx
                                                   0x00a1
                                                            0.00
                                                                  mm/h
                                                                         0x00
                                                                                pw1_precipitation_water_intensity
Ixxxx
      ch22@cpu_0:64101
                           016@0180.14.22.01.001
                                                   0x0000
                                                           25.44
                                                                  mm
                                                                        0x00
                                                                              pw1_precipitation_cumulative_water
Ixxxx
      ch23@cpu_0:64101
                           016@0180.14.23.01.001
                                                   0x0000
                                                           29.2
                                                                 st.C
                                                                       0x00
                                                                              pw1_temperature
Ixxxx
      ch24@cpu_0:64101
                           016@0180.14.24.01.001
                                                   0x0000
                                                           Ν
                                                               code
                                                                     0x0000004000000000
                                                                                           vis2_rvr_trend_10min_period
Pxxxx
       ch25@cpu 0:64101
                           016@0180.14.25.01.001
                                                   0x0142
                                                            2100
                                                                   m
                                                                      0x0000004000000000
                                                                                            vis2 rvr 1min avg
      ch26@cpu 0:64101
                           016@0180.14.26.01.001
                                                   0x0000
                                                           10000.0
                                                                        0x0000004000000000
                                                                                              vis2 mor 1min avg
Ixxxx
      ch27@cpu_0:64101
                           016@0180.14.27.01.001
                                                   0x0142
                                                           2100
                                                                      0x0000004000000000
                                                                                            vis2 rvr 1min min 10min period
Ixxxx
      ch28@cpu_0:64101
                           016@0180.14.28.01.001
                                                   0x0142
                                                           2100
                                                                      0x0000004000000000
                                                                                            vis2 rvr 1min max 10min period
Ixxxx
Ixxxx
      ch29@cpu_0:64101
                           016@0180.14.29.01.001
                                                   0x0142
                                                           2100
                                                                  m
                                                                      0x0000004000000000
                                                                                            vis2_rvr_10min_avg
      ch30@cpu_0:64101
                           016@0180.14.30.01.001
                                                   0x0000
                                                           10369
                                                                   cd/sqm
                                                                            0x0000004000000000
Ixxxx
vis2 background luminance 1min avg
      ch31@cpu 0:64101
                          016@0180.14.31.01.001
                                                   0x0000
                                                           0
                                                              code
                                                                     0x00
                                                                            pw2 instant present weather code wmo synop
Ixxxx
      ch32@cpu_0:64101
                           016@0180.14.32.01.001
                                                           0
                                                                     0x00
Ixxxx
                                                   0x0000
                                                              code
                                                                            pw2_15minute_pw_code_wmo_synop
      ch33@cpu 0:64101
                           016@0180.14.33.01.001
                                                   0x0000
                                                           0
                                                                     0x00
Ixxxx
                                                              code
                                                                            pw2_1hour_pw_code_wmo_synop
                           016@0180.14.34.01.001
                                                                              pw2 instant pw code wmo metar
lxxxx
      ch34@cpu 0:64101
                                                   0x0000
                                                           //////
                                                                 code
                                                                        0x00
      ch35@cpu 0:64101
                           016@0180.14.35.01.001
                                                   0x0000
                                                           ///////
                                                                        0x00
                                                                              pw2_recent_pw_code_wmo_metar
Ixxxx
                                                                 code
      ch36@cpu_0:64101
                           016@0180.14.36.01.001
                                                   0x00a1
                                                           0.00
                                                                        0x00
                                                                               pw2_precipitation_water_intensity
lxxxx
                                                                 mm/h
      ch37@cpu 0:64101
                           016@0180.14.37.01.001
                                                   0x0000
                                                           72.30
                                                                        0x00
                                                                              pw2 precipitation cumulative water
Ixxxx
                                                                  mm
                                                           28.6
Ixxxx
      ch38@cpu_0:64101
                           016@0180.14.38.01.001
                                                   0x0000
                                                                 st.C
                                                                       0x00
                                                                              pw2 temperature
      ch39@cpu_0:64101
                           016@0180.14.39.01.001
                                                   0x0000
                                                                     0x0000004000000000
                                                                                           vis3_rvr_trend_10min_period
Ixxxx
                                                           Ν
                                                               code
                           016@0180.14.40.01.001
                                                            2100
Pxxxx
       ch40@cpu_0:64101
                                                   0x0142
                                                                  m
                                                                      0x0000004000000000
                                                                                            vis3_rvr_1min_avg
Ixxxx
      ch41@cpu_0:64101
                           016@0180.14.41.01.001
                                                   0x0000
                                                           10000.0
                                                                    m
                                                                        0x0000004000000000
                                                                                              vis3_mor_1min_avg
      ch42@cpu_0:64101
                           016@0180.14.42.01.001
                                                   0x0142
                                                           2100
                                                                      0x0000004000000000
                                                                                            vis3_rvr_1min_min_10min_period
Ixxxx
                                                           2100
Ixxxx
      ch43@cpu_0:64101
                           016@0180.14.43.01.001
                                                   0x0142
                                                                  m
                                                                      0x0000004000000000
                                                                                            vis3_rvr_1min_max_10min_period
                                                           2100
Ixxxx
      ch44@cpu 0:64101
                           016@0180.14.44.01.001
                                                   0x0142
                                                                  m
                                                                      0x0000004000000000
                                                                                            vis3 rvr 10min avg
      ch45@cpu 0:64101
                           016@0180.14.45.01.001
                                                   0x0000
                                                           10497
                                                                   cd/sqm
                                                                            0x0000004000000000
vis3_background_luminance_1min_avg
      ch46@cpu 0:64101
                           016@0180.14.46.01.001
                                                   0x0000
                                                           0
Ixxxx
                                                              code
                                                                     0x00
                                                                            pw3 instant present weather code wmo synop
                                                           0
Ixxxx
      ch47@cpu 0:64101
                           016@0180.14.47.01.001
                                                   0x0000
                                                              code
                                                                     0x00
                                                                            pw3 15minute pw code wmo synop
                                                           0
Ixxxx
      ch48@cpu_0:64101
                           016@0180.14.48.01.001
                                                   0x0000
                                                               code
                                                                     0x00
                                                                            pw3_1hour_pw_code_wmo_synop
lxxxx
      ch49@cpu_0:64101
                           016@0180.14.49.01.001
                                                   0x0000
                                                           //////
                                                                 code
                                                                        0x00
                                                                              pw3_instant_pw_code_wmo_metar
```

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```
0x00
      ch50@cpu_0:64101
                          016@0180.14.50.01.001
                                                  0x0000
Ixxxx
                                                          ///////
                                                                code
                                                                             pw3_recent_pw_code_wmo_metar
                          016@0180.14.51.01.001
Ixxxx
      ch51@cpu_0:64101
                                                  0x00a1
                                                          0.00
                                                                mm/h
                                                                       0x00
                                                                             pw3_precipitation_water_intensity
                                                          25.44
Ixxxx
      ch52@cpu_0:64101
                          016@0180.14.52.01.001
                                                  0x0000
                                                                 mm
                                                                      0x00
                                                                             pw3_precipitation_cumulative_water
Ixxxx
      ch53@cpu_0:64101
                          016@0180.14.53.01.001
                                                  0x0000
                                                          29.2
                                                                st.C
                                                                      0x00
                                                                            pw3_temperature
Sxx1a
       ch54@cpu_0:64101
                           016@0180.14.54.01.001
                                                  0x0000
                                                           0x00000000
                                                                        bit
                                                                            rvr_lt31_1a_status
Sxx1b
       ch55@cpu 0:64101
                           016@0180.14.55.01.001
                                                   0x0000
                                                           0x00000040
                                                                        bit
                                                                            rvr lt31 1b status
Sxx1p
       ch56@cpu 0:64101
                           016@0180.14.56.01.001
                                                   0x0000
                                                           0x00 bit
                                                                      rvr pw1 status
Sxx2a
       ch57@cpu 0:64101
                           016@0180.14.57.01.001
                                                   0x0000
                                                           0x00000000
                                                                            rvr_lt31_2a_status
Sxx2b
       ch58@cpu_0:64101
                           016@0180.14.58.01.001
                                                   0x0000
                                                           0x00000040
                                                                            rvr_lt31_2b_status
                           016@0180.14.59.01.001
                                                   0x0000
Sxx2p
       ch59@cpu_0:64101
                                                           0x00
                                                                 bit
                                                                      rvr pw2 status
Sxx3a
       ch60@cpu_0:64101
                           016@0180.14.60.01.001
                                                   0x0000
                                                           0x00000000
                                                                            rvr_lt31_3a_status
Sxx3b
       ch61@cpu_0:64101
                           016@0180.14.61.01.001
                                                   0x0000
                                                           0x00000040
                                                                            rvr_lt31_3b_status
Sxx3p
       ch62@cpu 0:64101
                           016@0180.14.62.01.001
                                                   0x0000
                                                           0x00
                                                                 bit
                                                                      rvr pw3 status
17/07/2017
          13:55:10.0 cpu 0:64102:rvrd-b
Ixxxx
      ch03@cpu 0:64102
                          016@0180.14.03.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                      vis1 rvr trend 10min period
Pxxxx
       ch04@cpu 0:64102
                           016@0180.14.04.01.001
                                                  0x0400
                                                           -999
                                                                     vis1 rvr 1min avg
                                                                 m
      ch05@cpu_0:64102
Ixxxx
                          016@0180.14.05.01.001
                                                  0x0400
                                                          -999
                                                                    vis1 mor 1min avg
                                                                m
Ixxxx
      ch06@cpu 0:64102
                          016@0180.14.06.01.001
                                                  0x0400
                                                          -999
                                                                m
                                                                    vis1_rvr_1min_min_10min_period
                          016@0180.14.07.01.001
                                                           -999
                                                                                  vis1_rvr_1min_max_10min_period
Pxxxx
       ch07@cpu_0:64102
                                                  0x0400
                                                                 m
                                                                     ch08@cpu_0:64102
                          016@0180.14.08.01.001
                                                  0x0400
                                                          -999
Ixxxx
                                                                m
                                                                    vis1_rvr_10min_avg
Pxxxx
       ch09@cpu_0:64102
                           016@0180.14.09.01.001
                                                  0x0400
                                                                 cd/sqm 0x///////// vis1_background_luminance_1min_avg
                                                           -999
Pxxxx
       ch10@cpu_0:64102
                          016@0180.14.10.01.001
                                                  0x0400
                                                           -999
                                                                 %
                                                                     rwy_edge_light_settings
                                                                    Ixxxx
      ch11@cpu_0:64102
                          016@0180.14.11.01.001
                                                  0x0400
                                                          -999
                                                                %
                                                                                 rwy_center_light_settings
Ixxxx
      ch12@cpu_0:64102
                          016@0180.14.12.01.001
                                                  0x0400
                                                          -999
                                                                    0x/////////////
                                                                                 prevailing_visibility_1min_avg
                                                                m
Ixxxx
      ch13@cpu_0:64102
                          016@0180.14.13.01.001
                                                  0x0400
                                                          -999
                                                                m
                                                                    prevailing_visibility_10min_avg
Ixxxx
      ch14@cpu_0:64102
                          016@0180.14.14.01.001
                                                  0x0400
                                                          -999
                                                                m
                                                                    minimum_instant_visibility_10min_period
Ixxxx
      ch15@cpu 0:64102
                          016@0180.14.15.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                      minimum_instant_vis_direction_10min_period
       ch16@cpu 0:64102
                           016@0180.14.16.01.001
                                                  0x0400
                                                           -999
Pxxxx
                                                                 code
                                                                            pw1_instant_present_weather_code_wmo_synop
      ch17@cpu_0:64102
                          016@0180.14.17.01.001
                                                  0x0400
                                                           -999
                                                                code
Ixxxx
                                                                       0x//
                                                                            pw1_15minute_pw_code_wmo_synop
Ixxxx
      ch18@cpu_0:64102
                          016@0180.14.18.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                       0x//
                                                                            pw1_1hour_pw_code_wmo_synop
lxxxx
      ch19@cpu_0:64102
                          016@0180.14.19.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                      0x//
                                                                            pw1_instant_pw_code_wmo_metar
      ch20@cpu 0:64102
                          016@0180.14.20.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                      0x//
                                                                            pw1 recent pw code wmo metar
Ixxxx
Pxxxx
       ch21@cpu 0:64102
                          016@0180.14.21.01.001
                                                  0x0400
                                                           -99.99
                                                                               pw1_precipitation_water_intensity
                                                                  mm/h
                                                                         0x//
      ch22@cpu_0:64102
                          016@0180.14.22.01.001
                                                  0x0400
Ixxxx
                                                          -99.99
                                                                  mm
                                                                       0x//
                                                                            pw1_precipitation_cumulative_water
      ch23@cpu 0:64102
                          016@0180.14.23.01.001
                                                  0x0400
                                                          -99.9
                                                                 st.C
                                                                            pw1_temperature
Ixxxx
                                                                      0x//
                          016@0180.14.24.01.001
                                                  0x0400
                                                                       0x//////// vis2 rvr trend 10min period
Ixxxx
      ch24@cpu 0:64102
                                                          -999
                                                                code
Pxxxx
       ch25@cpu 0:64102
                          016@0180.14.25.01.001
                                                  0x0400
                                                           -999
                                                                     vis2 rvr 1min avg
                                                                 m
      ch26@cpu_0:64102
                          016@0180.14.26.01.001
                                                  0x0400
                                                          -999
                                                                m
                                                                    vis2_mor_1min_avg
Ixxxx
      ch27@cpu 0:64102
                          016@0180.14.27.01.001
                                                  0x0400
                                                          -999
                                                                    vis2 rvr 1min min 10min period
Ixxxx
                                                                m
Ixxxx
      ch28@cpu_0:64102
                          016@0180.14.28.01.001
                                                  0x0400
                                                          -999
                                                                m
                                                                    0x/////////////
                                                                                 vis2_rvr_1min_max_10min_period
      ch29@cpu_0:64102
                          016@0180.14.29.01.001
                                                                    vis2_rvr_10min_avg
Ixxxx
                                                  0x0400
                                                          -999
                                                                m
                          016@0180.14.30.01.001
                                                                        0x////////// vis2_background_luminance_1min_avg
Ixxxx
      ch30@cpu_0:64102
                                                  0x0400
                                                          -999
                                                                cd/sqm
Ixxxx
      ch31@cpu_0:64102
                          016@0180.14.31.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                      0x//
                                                                            pw2_instant_present_weather_code_wmo_synop
      ch32@cpu_0:64102
                          016@0180.14.32.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                      0x//
                                                                            pw2_15minute_pw_code_wmo_synop
Ixxxx
Ixxxx
      ch33@cpu_0:64102
                          016@0180.14.33.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                      0x//
                                                                            pw2_1hour_pw_code_wmo_synop
Ixxxx
      ch34@cpu 0:64102
                          016@0180.14.34.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                       0x//
                                                                            pw2_instant_pw_code_wmo_metar
      ch35@cpu 0:64102
                          016@0180.14.35.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                       0x//
                                                                            pw2_recent_pw_code_wmo_metar
Ixxxx
Ixxxx
      ch36@cpu_0:64102
                          016@0180.14.36.01.001
                                                  0x0400
                                                          -99.99
                                                                              pw2_precipitation_water_intensity
      ch37@cpu 0:64102
                          016@0180.14.37.01.001
                                                  0x0400
                                                          -99.99
                                                                            pw2 precipitation cumulative water
Ixxxx
                                                                  mm
Ixxxx
      ch38@cpu 0:64102
                          016@0180.14.38.01.001
                                                  0x0400
                                                          -99.9
                                                                 st.C
                                                                      0x//
                                                                            pw2 temperature
Ixxxx
      ch39@cpu_0:64102
                          016@0180.14.39.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                       0x//////// vis3_rvr_trend_10min_period
Pxxxx
       ch40@cpu_0:64102
                           016@0180.14.40.01.001
                                                  0x0400
                                                           -999
                                                                     0x////////////
                                                                                 vis3_rvr_1min_avg
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```
ch41@cpu_0:64102
                          016@0180.14.41.01.001
Ixxxx
                                                   0x0400
                                                            -999
                                                                  m
                                                                     0x///////////
                                                                                   vis3_mor_1min_avg
Ixxxx
      ch42@cpu_0:64102
                           016@0180.14.42.01.001
                                                   0x0400
                                                            -999
                                                                  m
                                                                      0x////////////
                                                                                   vis3_rvr_1min_min_10min_period
Ixxxx
      ch43@cpu_0:64102
                           016@0180.14.43.01.001
                                                   0x0400
                                                            -999
                                                                  m
                                                                      0x/////////////
                                                                                   vis3_rvr_1min_max_10min_period
Ixxxx
      ch44@cpu_0:64102
                          016@0180.14.44.01.001
                                                   0x0400
                                                            -999
                                                                  m
                                                                     0x////////////
                                                                                   vis3_rvr_10min_avg
Ixxxx
      ch45@cpu_0:64102
                           016@0180.14.45.01.001
                                                   0x0400
                                                            -999
                                                                  cd/sqm
                                                                          0x///////// vis3_background_luminance_1min_avg
Ixxxx
      ch46@cpu 0:64102
                           016@0180.14.46.01.001
                                                   0x0400
                                                            -999
                                                                  code
                                                                        0x//
                                                                              pw3 instant present weather code wmo synop
      ch47@cpu 0:64102
                           016@0180.14.47.01.001
                                                   0x0400
                                                            -999
                                                                  code
                                                                        0x//
                                                                              pw3_15minute_pw_code_wmo_synop
Ixxxx
      ch48@cpu 0:64102
                           016@0180.14.48.01.001
                                                   0x0400
                                                            -999
                                                                  code
                                                                        0x//
                                                                              pw3_1hour_pw_code_wmo_synop
Ixxxx
      ch49@cpu_0:64102
                           016@0180.14.49.01.001
                                                   0x0400
                                                            -999
                                                                  code
Ixxxx
                                                                        0x//
                                                                              pw3_instant_pw_code_wmo_metar
      ch50@cpu_0:64102
                           016@0180.14.50.01.001
                                                   0x0400
Ixxxx
                                                            -999
                                                                  code
                                                                        0x//
                                                                              pw3_recent_pw_code_wmo_metar
Ixxxx
      ch51@cpu_0:64102
                           016@0180.14.51.01.001
                                                   0x0400
                                                            -99.99
                                                                   mm/h
                                                                           0x//
                                                                                pw3_precipitation_water_intensity
lxxxx
      ch52@cpu_0:64102
                           016@0180.14.52.01.001
                                                   0x0400
                                                            -99.99
                                                                   mm
                                                                         0x//
                                                                              pw3_precipitation_cumulative_water
Ixxxx
      ch53@cpu 0:64102
                           016@0180.14.53.01.001
                                                   0x0400
                                                            -99.9
                                                                  st.C
                                                                        0x//
                                                                             pw3 temperature
Sxx1a
       ch54@cpu 0:64102
                           016@0180.14.54.01.001
                                                    0x0400
                                                             -999
                                                                   bit
                                                                       rvr lt31 1a status
                                                                       rvr_lt31_1b_status
Sxx1b
       ch55@cpu 0:64102
                           016@0180.14.55.01.001
                                                    0x0400
                                                             -999
                                                                   bit
       ch56@cpu 0:64102
                           016@0180.14.56.01.001
                                                    0x0400
                                                             -999
a1xx2
                                                                   bit
                                                                       rvr pw1 status
Sxx2a
       ch57@cpu 0:64102
                           016@0180.14.57.01.001
                                                    0x0400
                                                             -999
                                                                   bit
                                                                       rvr_lt31_2a_status
Sxx2b
       ch58@cpu_0:64102
                           016@0180.14.58.01.001
                                                    0x0400
                                                             -999
                                                                   hit
                                                                       rvr_lt31_2b_status
                                                             -999
Sxx2p
       ch59@cpu_0:64102
                           016@0180.14.59.01.001
                                                    0x0400
                                                                       rvr_pw2_status
                                                                   bit
Sxx3a
                           016@0180.14.60.01.001
                                                             -999
                                                                   bit
       ch60@cpu_0:64102
                                                    0x0400
                                                                       rvr_lt31_3a_status
Sxx3b
                           016@0180.14.61.01.001
                                                                       rvr_lt31_3b_status
       ch61@cpu_0:64102
                                                    0x0400
                                                             -999
                                                                   bit
Sxx3p
       ch62@cpu_0:64102
                           016@0180.14.62.01.001
                                                    0x0400
                                                             -999
                                                                   bit
                                                                       rvr_pw3_status
            13:55:10.0 cpu_0:64103:ptb330d-p
17/07/2017
P3090
       ch00@cpu_0:64103
                           016@0047.12.01.01.002
                                                    0x0000
                                                             986.49
                                                                     hPa
                                                                           0x0000001
                                                                                        air_pressure_Pavg
P3091
       ch01@cpu_0:64103
                           016@0047.12.02.01.002
                                                    0x0000
                                                             -1.45
                                                                   hPa
                                                                         0x0000001
                                                                                      air_pressure_3hTrend
P3092
       ch02@cpu_0:64103
                            016@0047.12.03.01.002
                                                    0x0000
                                                             7
                                                                   0x0000001
                                                                                air_pressure_3hTendency
S3090
       ch03@cpu 0:64103
                            016@0047.12.17.01.002
                                                    0x0000
                                                             0x0000001
                                                                          bit
                                                                              status u32 ptb330
17/07/2017
            13:55:15.0 cpu 0:64104:ct25kd-30
P3250
       ch00@cpu_0:64104
                            016@0186.12.00.01.001
                                                    0x0000
                                                                          ft 0 code
                                                                                      /// ft 0 code ///
                                                                                                            ft
                                                                                                                0
                                                                code
                                                                      ///
                                                                                                                   code
ft 0x00000000 ceilometer_cloud_layers
P3251
       ch01@cpu_0:64104
                            016@0186.12.01.01.001
                                                    0x0000
                                                             0
                                                                code
                                                                      0x00000000
                                                                                    cloud_amount_1st_layer
P3252
       ch02@cpu_0:64104
                            016@0186.12.02.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x0000000
                                                                                 height_1st_cloud_layer_ft
P3253
       ch03@cpu 0:64104
                            016@0186.12.03.01.001
                                                    0x0000
                                                             ///
                                                                 m
                                                                    0x00000000
                                                                                  height_1st_cloud_layer_m
P3254
       ch04@cpu 0:64104
                            016@0186.12.04.01.001
                                                    0x0000
                                                             0
                                                                      0x00000000
                                                                                    cloud_amount_2nd_layer
                                                                code
P3255
                            016@0186.12.05.01.001
                                                    0x0000
                                                             ///
       ch05@cpu_0:64104
                                                                 ft
                                                                    0x00000000
                                                                                 height_2nd_cloud_layer_ft
P3256
                            016@0186.12.06.01.001
                                                    0x0000
                                                             ///
                                                                     0x0000000
                                                                                  height_2nd_cloud_layer_m
       ch06@cpu_0:64104
                                                                 m
P3257
                            016@0186.12.07.01.001
                                                    0x0000
       ch07@cpu 0:64104
                                                             0
                                                                code
                                                                      0x00000000
                                                                                    cloud amount 3rd layer
P3258
       ch08@cpu 0:64104
                            016@0186.12.08.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x00000000
                                                                                 height_3rd_cloud_layer_ft
P3259
                            016@0186.12.09.01.001
                                                    0x0000
                                                             ///
                                                                    0x00000000
                                                                                 height_3rd_cloud_layer_m
        ch09@cpu_0:64104
                                                                 m
P3260
       ch10@cpu_0:64104
                            016@0186.12.10.01.001
                                                    0x0000
                                                             0
                                                                      0x00000000
                                                                                   cloud amount 4th layer
                                                                code
                                                             ///
                                                                 ft
P3261
       ch11@cpu_0:64104
                            016@0186.12.11.01.001
                                                    0x0000
                                                                    0x00000000
                                                                                 height_4th_cloud_layer_ft
P3262
                           016@0186.12.12.01.001
                                                    0x0000
                                                             ///
                                                                    0x0000000
                                                                                 height_4th_cloud_layer_m
       ch12@cpu_0:64104
                                                                 m
                            016@0186.12.13.01.001
                                                             0x00000000
S3250
       ch13@cpu_0:64104
                                                    0x0000
                                                                          bit
                                                                              status cl31
17/07/2017
           13:55:10.0 cpu_0:64105:ptb330d-r
P3090
       ch00@cpu_0:64105
                           016@0047.12.01.01.002
                                                    0x0000
                                                             986.49
                                                                     hPa
                                                                          0x00000001
                                                                                        air_pressure_Pavg
                           016@0047.12.02.01.002
P3091
       ch01@cpu_0:64105
                                                    0x0000
                                                             -1.45
                                                                   hPa
                                                                         0x00000001 air_pressure_3hTrend
                                                             7
P3092
       ch02@cpu 0:64105
                            016@0047.12.03.01.002
                                                    0x0000
                                                                   0x0000001
                                                                                air pressure 3hTendency
S3090
       ch03@cpu 0:64105
                            016@0047.12.17.01.002
                                                    0x0000
                                                             0x0000001
                                                                          bit
                                                                              status u32 ptb330
17/07/2017
           13:55:15.0 cpu_0:64106:cl31d-12
       ch00@cpu 0:64106
                           016@0186.12.00.01.001
                                                    0x0000
P3250
                                                             0
                                                                code
                                                                      ///
                                                                          ft
                                                                              0
                                                                                 code
                                                                                       ///
                                                                                           ft 0
                                                                                                  code
                                                                                                             ft
                                                                                                                0
                                                                                                                   code
   0x00000000 ceilometer cloud layers
P3251
        ch01@cpu_0:64106
                           016@0186.12.01.01.001
                                                    0x0000
                                                             0
                                                                code
                                                                      0x00000000
                                                                                    cloud_amount_1st_layer
P3252
       ch02@cpu_0:64106
                           016@0186.12.02.01.001
                                                    0x0000
                                                            ///
                                                                 ft
                                                                    0x00000000
                                                                                 height_1st_cloud_layer_ft
```

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```
ch03@cpu_0:64106
P3253
                            016@0186.12.03.01.001
                                                    0x0000
                                                             ///
                                                                     0x00000000
                                                                 m
                                                                                  height_1st_cloud_layer_m
                                                             0
P3254
        ch04@cpu_0:64106
                            016@0186.12.04.01.001
                                                    0x0000
                                                                code
                                                                       0x00000000
                                                                                    cloud_amount_2nd_layer
P3255
        ch05@cpu_0:64106
                            016@0186.12.05.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x00000000
                                                                                 height_2nd_cloud_layer_ft
P3256
       ch06@cpu_0:64106
                            016@0186.12.06.01.001
                                                    0x0000
                                                             ///
                                                                 m
                                                                     0x00000000
                                                                                  height_2nd_cloud_layer_m
                                                    0x0000
                            016@0186.12.07.01.001
P3257
        ch07@cpu_0:64106
                                                             0
                                                                code
                                                                       0x00000000
                                                                                    cloud_amount_3rd_layer
P3258
        ch08@cpu 0:64106
                            016@0186.12.08.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x0000000
                                                                                 height 3rd cloud layer ft
P3259
        ch09@cpu 0:64106
                            016@0186.12.09.01.001
                                                    0x0000
                                                             ///
                                                                 m
                                                                     0x00000000
                                                                                  height_3rd_cloud_layer_m
P3260
        ch10@cpu_0:64106
                            016@0186.12.10.01.001
                                                    0x0000
                                                             0
                                                                       0x0000000
                                                                                    cloud_amount_4th_layer
P3261
        ch11@cpu_0:64106
                            016@0186.12.11.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x0000000
                                                                                 height_4th_cloud_layer_ft
P3262
                            016@0186.12.12.01.001
                                                    0x0000
                                                             ///
                                                                     0x00000000
                                                                                  height_4th_cloud_layer_m
       ch12@cpu_0:64106
                                                                 m
                                                    0x0000
                                                             0x00000000
S3250
       ch13@cpu_0:64106
                            016@0186.12.13.01.001
                                                                          bit
                                                                              status_cl31
17/07/2017
            13:55:18.0
                       cpu
                           0:64107:wmt702d-30
P3180
       ch00@cpu 0:64107
                            016@0100.12.00.02.003
                                                    0x0000
                                                             -99.99
                                                                     n
                                                                        0x00a0
                                                                                 wind processed
13001
       ch01@cpu 0:64107
                           016@0100.12.01.02.003
                                                   0x0000
                                                            041
                                                                  deg
                                                                       0x00a0
                                                                                wind direction 3s avg
13002
       ch02@cpu 0:64107
                           016@0100.12.02.02.003
                                                   0x0000
                                                            0.36
                                                                  m/s
                                                                        0x00a0
                                                                                 wind speed 3s avg
13003
       ch03@cpu 0:64107
                           016@0100.12.03.02.003
                                                   0x0000
                                                            -0.19
                                                                        0x00a0
                                                                   m/s
                                                                                 wind speed avg x
13004
       ch04@cpu 0:64107
                           016@0100.12.04.02.003
                                                   0x0000
                                                            -0.18
                                                                   m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_y
                                                                                 wind_speed_min
13005
       ch05@cpu_0:64107
                           016@0100.12.05.02.003
                                                   0x0000
                                                            0.19
                                                                  m/s
                                                                        0x00a0
13006
                           016@0100.12.06.02.003
                                                   0x0000
                                                                        0x00a0
       ch06@cpu_0:64107
                                                            0.57
                                                                                wind_speed_peak
                                                                  m/s
13007
                           016@0100.12.07.02.003
                                                   0x0000
                                                            0.45
                                                                        0x00a0
       ch07@cpu_0:64107
                                                                  m/s
                                                                                wind_speed_gust
13008
                           016@0100.12.08.02.003
                                                   0x0000
                                                                        0x00a0
       ch08@cpu_0:64107
                                                            0.31
                                                                  m/s
                                                                                wind_speed_lull
13009
       ch09@cpu_0:64107
                           016@0100.12.09.02.003
                                                   0x0000
                                                            357
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_max
                           016@0100.12.10.02.003
13010
       ch10@cpu_0:64107
                                                   0x0000
                                                            800
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_min
13011
       ch11@cpu_0:64107
                           016@0100.12.11.02.003
                                                   0x0000
                                                            013
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_at_wind_peak
13012
       ch12@cpu_0:64107
                           016@0100.12.12.02.003
                                                   0x0000
                                                            1
                                                               n
                                                                   0x00a0
                                                                           signal_quality_rg
S3180
       ch19@cpu_0:64107
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x00a0
                                                                      bit
                                                                          status_wmt702
17/07/2017
            13:55:18.0
                       cpu
                           0:64108:vaa252wav151d-30
P3180
       ch00@cpu_0:64108
                            016@0100.12.00.02.003
                                                    0x0000
                                                             -99.99
                                                                        0x00a0
                                                                                 wind processed
                                                                     n
13001
       ch01@cpu_0:64108
                           016@0100.12.01.02.003
                                                   0x0000
                                                            041
                                                                       0x00a0
                                                                  dea
                                                                                wind_direction_3s_avg
13002
       ch02@cpu_0:64108
                           016@0100.12.02.02.003
                                                   0x0000
                                                            0.36
                                                                        0x00a0
                                                                  m/s
                                                                                 wind_speed_3s_avg
13003
       ch03@cpu_0:64108
                           016@0100.12.03.02.003
                                                   0x0000
                                                            -0.19
                                                                   m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_x
13004
       ch04@cpu_0:64108
                           016@0100.12.04.02.003
                                                   0x0000
                                                            -0.18
                                                                   m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_y
13005
       ch05@cpu 0:64108
                           016@0100.12.05.02.003
                                                   0x0000
                                                            0.19
                                                                  m/s
                                                                        0x00a0
                                                                                 wind speed min
       ch06@cpu_0:64108
                                                                                wind_speed_peak
13006
                           016@0100.12.06.02.003
                                                   0x0000
                                                            0.57
                                                                        0x00a0
                                                                  m/s
13007
       ch07@cpu_0:64108
                           016@0100.12.07.02.003
                                                   0x0000
                                                                        0x00a0
                                                            0.45
                                                                  m/s
                                                                                wind_speed_gust
13008
       ch08@cpu_0:64108
                           016@0100.12.08.02.003
                                                   0x0000
                                                            0.31
                                                                        0x00a0
                                                                  m/s
                                                                                wind_speed_lull
13009
                                                   0x0000
                                                            357
                                                                  deg
       ch09@cpu 0:64108
                           016@0100.12.09.02.003
                                                                       0x00a0
                                                                                wind direction max
                                                   0x0000
                                                                                wind_direction_min
13010
       ch10@cpu_0:64108
                           016@0100.12.10.02.003
                                                            008
                                                                  deg
                                                                       0x00a0
13011
       ch11@cpu_0:64108
                           016@0100.12.11.02.003
                                                   0x0000
                                                                       0x00a0
                                                                                wind_direction_at_wind_peak
                                                            013
                                                                  deg
13012
       ch12@cpu_0:64108
                           016@0100.12.12.02.003
                                                   0x0000
                                                                           signal quality rg
                                                            1
                                                               n
                                                                   0x00a0
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x00a0
S3180
       ch19@cpu_0:64108
                                                                     bit
                                                                          status_wmt702
17/07/2017
            13:55:10.0 cpu_0:64109:hmp155d-r
P3050
       ch07@cpu_0:64109
                            016@0035.12.01.22.002
                                                    0x0000
                                                             42
                                                                 %RH
                                                                        0x0002
                                                                                 rel_humidity
P3011
       ch08@cpu_0:64109
                            016@0035.12.03.22.002
                                                    0x0000
                                                             22.5
                                                                   st.C
                                                                         0x0002
                                                                                 temp_air_additional_Ta
P3052
       ch09@cpu_0:64109
                            016@0035.12.04.22.002
                                                    0x0000
                                                             8.8
                                                                  st.C
                                                                        0x0002
                                                                                 temp_dewpoint_TD
13023
       ch10@cpu_0:64109
                           016@0035.12.05.22.002
                                                   0x0000
                                                            8.8
                                                                 st.C
                                                                       0x0002
                                                                                temp_dewpoint_FTD
13024
       ch11@cpu 0:64109
                           016@0035.12.06.22.002
                                                   0x0000
                                                            7.100
                                                                         0x0002
                                                                                  mixing ratio x
                                                                   a/ka
P3051
       ch12@cpu_0:64109
                            016@0035.12.07.22.002
                                                    0x0000
                                                             14.6
                                                                   st.C
                                                                         0x0002
                                                                                  temp wetbulb Tw
S3050
       ch13@cpu_0:64109
                            016@0035.12.08.22.002
                                                    0x0000
                                                             0x0002
                                                                     bit
                                                                          status u16 hmp155
17/07/2017
                           0:64110:wmt702d-12
            13:55:18.0
                       СD
P3180
       ch00@cpu 0:64110
                            016@0100.12.00.02.003
                                                    0x0000
                                                             -99.99
                                                                     n
                                                                        0x00a0
                                                                                 wind processed
13001
       ch01@cpu_0:64110
                           016@0100.12.01.02.003
                                                   0x0000
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_3s_avg
13002
       ch02@cpu_0:64110
                           016@0100.12.02.02.003
                                                   0x0000
                                                            0.36
                                                                        0x00a0
                                                                                wind_speed_3s_avg
                                                                  m/s
```

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```
0x00a0
13003
       ch03@cpu_0:64110
                           016@0100.12.03.02.003
                                                   0x0000
                                                            -0.19
                                                                   m/s
                                                                                 wind_speed_avg_x
                           016@0100.12.04.02.003
13004
       ch04@cpu_0:64110
                                                   0x0000
                                                            -0.18
                                                                   m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_y
13005
       ch05@cpu_0:64110
                           016@0100.12.05.02.003
                                                   0x0000
                                                            0.19
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_min
                                                                        0x00a0
13006
       ch06@cpu_0:64110
                           016@0100.12.06.02.003
                                                   0x0000
                                                            0.57
                                                                  m/s
                                                                                wind_speed_peak
                           016@0100.12.07.02.003
13007
       ch07@cpu_0:64110
                                                   0x0000
                                                            0.45
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_gust
13008
       ch08@cpu 0:64110
                           016@0100.12.08.02.003
                                                   0x0000
                                                            0.31
                                                                  m/s
                                                                        0x00a0
                                                                                wind speed lull
13009
       ch09@cpu 0:64110
                           016@0100.12.09.02.003
                                                   0x0000
                                                            357
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_max
13010
       ch10@cpu_0:64110
                           016@0100.12.10.02.003
                                                   0x0000
                                                            800
                                                                       0x00a0
                                                                                wind_direction_min
                                                                  deg
13011
       ch11@cpu_0:64110
                           016@0100.12.11.02.003
                                                   0x0000
                                                                       0x00a0
                                                                                wind_direction_at_wind_peak
                                                            013
                                                                  deg
13012
       ch12@cpu_0:64110
                           016@0100.12.12.02.003
                                                   0x0000
                                                            1
                                                               n
                                                                   0x00a0
                                                                           signal_quality_rg
                            016@0100.12.19.02.003
S3180
       ch19@cpu_0:64110
                                                    0x0000
                                                             0x00a0
                                                                      bit
                                                                          status_wmt702
17/07/2017
            13:55:18.0
                       cpu_0:64111:vaa252wav151d-12
P3180
       ch00@cpu 0:64111
                            016@0100.12.00.02.003
                                                    0x0000
                                                             -99.99
                                                                     n
                                                                        0x00a0
                                                                                 wind processed
13001
       ch01@cpu 0:64111
                           016@0100.12.01.02.003
                                                   0x0000
                                                            041
                                                                  deg
                                                                       0x00a0
                                                                                wind direction 3s avg
13002
       ch02@cpu 0:64111
                           016@0100.12.02.02.003
                                                   0x0000
                                                            0.36
                                                                  m/s
                                                                        0x00a0
                                                                                 wind speed 3s avg
13003
       ch03@cpu 0:64111
                           016@0100.12.03.02.003
                                                   0x0000
                                                            -0.19
                                                                        0x00a0
                                                                   m/s
                                                                                 wind speed avg x
13004
       ch04@cpu 0:64111
                           016@0100.12.04.02.003
                                                   0x0000
                                                            -0.18
                                                                   m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_y
13005
       ch05@cpu_0:64111
                           016@0100.12.05.02.003
                                                   0x0000
                                                            0.19
                                                                  m/s
                                                                        0x00a0
                                                                                 wind_speed_min
13006
                           016@0100.12.06.02.003
                                                   0x0000
                                                                        0x00a0
       ch06@cpu_0:64111
                                                            0.57
                                                                                wind_speed_peak
                                                                  m/s
13007
       ch07@cpu_0:64111
                           016@0100.12.07.02.003
                                                   0x0000
                                                            0.45
                                                                        0x00a0
                                                                  m/s
                                                                                wind_speed_gust
13008
       ch08@cpu_0:64111
                           016@0100.12.08.02.003
                                                   0x0000
                                                                        0x00a0
                                                            0.31
                                                                  m/s
                                                                                wind_speed_lull
13009
       ch09@cpu_0:64111
                           016@0100.12.09.02.003
                                                   0x0000
                                                            357
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_max
                           016@0100.12.10.02.003
13010
       ch10@cpu_0:64111
                                                   0x0000
                                                            800
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_min
13011
       ch11@cpu_0:64111
                           016@0100.12.11.02.003
                                                   0x0000
                                                            013
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_at_wind_peak
13012
       ch12@cpu_0:64111
                           016@0100.12.12.02.003
                                                   0x0000
                                                            1
                                                               n
                                                                   0x00a0
                                                                           signal_quality_rg
S3180
       ch19@cpu_0:64111
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x00a0
                                                                     bit
                                                                          status_wmt702
17/07/2017
            13:55:10.0 cpu 0:64112:mbio120d-ko
P4070
       ch04@cpu_0:64112
                            016@0001.12.01.97.004
                                                    0x0000
                                                             24.6
                                                                   ٧
                                                                      dc_voltage
P4014
        ch05@cpu_0:64112
                            016@0001.12.02.97.004
                                                    0x0000
                                                             23.6
                                                                     С
                                                                         ams_temperature
P4035
                            016@0001.12.03.97.004
                                                    0x0000
                                                             37
                                                                       ams_rel_humidity
        ch06@cpu_0:64112
                                                                 %rH
S4001
       ch07@cpu_0:64112
                            016@0001.12.99.97.004
                                                    0x0000
                                                             1
                                                                Din
                                                                     door_status
17/07/2017
            13:55:10.0 cpu_1:60002:hmp155d-p
P3045
       ch00@cpu 1:60002
                            016@0035.12.01.22.002
                                                    0x8000
                                                             41
                                                                 %RH
                                                                        0x0002
                                                                                 rel humidity
P3010
       ch01@cpu 1:60002
                            016@0035.12.03.22.002
                                                    0x8000
                                                             22.5
                                                                   st.C
                                                                         0x0002
                                                                                 temp_air_additional_Ta
P3047
                            016@0035.12.04.22.002
                                                    0x8000
                                                                        0x0002
       ch02@cpu_1:60002
                                                             8.7
                                                                  st.C
                                                                                 temp_dewpoint_TD
13021
       ch03@cpu_1:60002
                           016@0035.12.05.22.002
                                                   0x8000
                                                            8.7
                                                                 st.C
                                                                       0x0002
                                                                                temp_dewpoint_FTD
13022
                           016@0035.12.06.22.002
                                                   0x8000
                                                                         0x0002
       ch04@cpu 1:60002
                                                            7.000
                                                                                  mixing ratio x
                                                                   a/ka
P3046
       ch05@cpu_1:60002
                            016@0035.12.07.22.002
                                                    0x8000
                                                             14.6
                                                                         0x0002
                                                                                 temp_wetbulb_Tw
                                                                   st.C
S3045
                            016@0035.12.08.22.002
                                                    0x8000
                                                             0x0002
                                                                          status_u16_hmp155
       ch06@cpu_1:60002
                                                                     bit
17/07/2017
           13:55:00.0 cpu 1:60004:pluvio2d
                            016@0120.12.04.04.012
P3120
       ch03@cpu_1:60004
                                                    0x8800
                                                             2.67
                                                                   mm
                                                                        0x06000000
                                                                                      acumulated_total_NRT
P3121
                            016@0120.12.06.04.012
                                                    0x88x0
                                                             803.09
                                                                           0x06000000
                                                                                        bucket_NRT
       ch05@cpu_1:60004
                                                                     mm
13045
                           016@0120.12.07.04.012
                                                                  st.C
       ch06@cpu_1:60004
                                                   0x88x0
                                                            22.4
                                                                        0x06000000
                                                                                     temperature_load_cell
13046
       ch07@cpu_1:60004
                           016@0120.12.08.04.012
                                                   0x8800
                                                            22.6
                                                                  st.C
                                                                        0x06000000
                                                                                     temperature_electronics_unit
13047
       ch08@cpu_1:60004
                           016@0120.12.09.04.012
                                                   0x8800
                                                            24.3
                                                                  ٧
                                                                      0x06000000
                                                                                   power supply
13048
       ch09@cpu_1:60004
                           016@0120.12.10.04.012
                                                   0x8800
                                                            0.0
                                                                 st.C
                                                                       0x06000000
                                                                                    temperature_orifice_ring_rim
S3120
       ch10@cpu 1:60004
                            016@0120.12.11.04.012
                                                    0x8000
                                                             0x0600
                                                                      bit
                                                                          status heating
S3121
       ch11@cpu 1:60004
                            016@0120.12.12.04.012
                                                    0x8000
                                                             0x0000
                                                                     bit
                                                                          status pluvio2
17/07/2017
            13:55:00.0
                       cpu 1:60006:lpmd
P3124
                            016@0123.12.02.06.001
                                                    0x8000
                                                                           0x00c2
                                                                                    5min intensity
        ch01@cpu 1:60006
                                                             0.000
                                                                    mm/h
                            016@0123.12.03.06.001
P3125
        ch02@cpu 1:60006
                                                    0x8000
                                                             0.00
                                                                   mm
                                                                        0x00c2
                                                                                 precipitation amount
                                                                                 5min_SYNOP_tab4680
P3126
        ch03@cpu_1:60006
                            016@0123.12.04.06.001
                                                    0x8000
                                                             00
                                                                 code
                                                                        0x00c2
P3127
       ch07@cpu_1:60006
                            016@0123.12.08.06.001
                                                    0x8000
                                                             -9.9
                                                                  dBz
                                                                        0x00c2
                                                                                 1min_radar_reflectivity
```

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l3066 ch10@cpu_1:60006 016@0123.12.11.06.001 0x8000 4010 mV 0x00c2 control_voltage						
l3067 ch11@cpu_1:60006 016@0123.12.12.06.001 0x8000 23.2 st.C 0x00c2 ambient_T						
S3124 ch12@cpu_1:60006 016@0123.12.13.06.001 0x8000 0x00c2 bit LPM_status						
17/07/2017 13:55:00.0 cpu_1:60007:shm30d						
P3150 ch00@cpu_1:60007 016@0126.11.01.06.001 0x8000 0.0 cm 0x0000 snow_depth						
P3151 ch01@cpu_1:60007 016@0126.11.02.06.001 0x8000 47.860 - 0x0000 signal_strength						
l3071 ch02@cpu_1:60007 016@0126.11.03.06.001 0x8000 30.0 st.C 0x0000 temperature						
S3150 ch03@cpu_1:60007 016@0126.11.04.06.001 0x8000 0x0000 bit status_shm30						
17/07/2017 13:55:10.0 cpu_1:60008:iod						
P3129 ch00@cpu_1:60008 016@0120.12.01.03.001 0x8000 0 bit precipitation_duration						
P3005 ch08@cpu_1:60008 016@0001.12.02.30.011 0x8000 23.4 st.C Tair_1000EO800						
P3370 ch11@cpu_1:60008 016@0010.12.05.05.008 0x8000 22.7 st.C temp_soil5cm						
P3371 ch12@cpu_1:60008 016@0010.12.05.06.008 0x8000 22.5 st.C temp_soil10cm						
P3372 ch13@cpu_1:60008 016@0010.12.05.07.008 0x8000 22.5 st.C temp_soil20cm						
P3373 ch14@cpu_1:60008 016@0010.12.05.08.008 0x8000 22.5 st.C temp_soil30cm						
P3374 ch15@cpu_1:60008 016@0010.12.05.09.008 0x8000 22.5 st.C temp_soil50cm						
17/07/2017 13:55:10.0 cpu_1:60010:uc8410iod						
S3001 ch00@cpu_1:60010 016@0001.12.04.30.005 0x8000 000 bit replace buffer ready						
S3002 ch01@cpu_1:60010 016@0001.12.99.30.005 0x8000 1 bit door_status						
17/07/2017 13:55:10.0 cpu_1:64001:pico64d-10						
P3390 ch00@cpu_1:64001 016@0132.12.01.01.002 0x8000 0.0 % 0x0000 soil_moisture						
P3391 ch01@cpu_1:64001 016@0132.12.02.01.002 0x8000 28.7 st.C 0x0000 soil_temperature						
P3392 ch02@cpu_1:64001 016@0132.12.03.01.002 0x8000 0.22 dS/m 0x0000 bulk_conductivity						
S3390 ch03@cpu_1:64001 016@0132.12.04.01.002 0x8000 0x0000 bit status_u16_pico64						
17/07/2017 13:55:10.0 cpu_1:64002:pico64d-20						
P3393 ch00@cpu_1:64002 016@0132.12.01.02.002 0x8000 0.0 % 0x0000 soil_moisture						
P3394 ch01@cpu_1:64002 016@0132.12.02.02.002 0x8000 28.8 st.C 0x0000 soil_temperature						
P3395 ch02@cpu 1:64002 016@0132.12.03.02.002 0x8000 0.40 dS/m 0x0000 bulk conductivity						
S3393 ch03@cpu_1:64002 016@0132.12.04.02.002 0x8000 0x0000 bit status_u16_pico64						
17/07/2017 13:55:10.0 cpu 1:64003:pico64d-30						
P3396 ch00@cpu 1:64003 016@0132.12.01.03.002 0x8000 0.0 % 0x0000 soil moisture						
P3397 ch01@cpu_1:64003 016@0132.12.02.03.002 0x8000 28.1 st.C 0x0000 soil_temperature						
P3398 ch02@cpu 1:64003 016@0132.12.03.03.002 0x8000 0.23 dS/m 0x0000 bulk conductivity						
S3396 ch03@cpu_1:64003 016@0132.12.04.03.002 0x8000 0x0000 bit status_u16_pico64						
17/07/2017 13:55:10.0 cpu 1:64004:spn1d						
P3302 ch00@cpu_1:64004 016@0043.11.01.05.003 0x8000 0.0 W/m2 global_solar_radiation						
•						
P3304 ch02@cpu_1:64004 016@0043.11.08.05.003 0x8000 0 bit sunshine_duration						
17/07/2017 13:55:10.0 cpu_1:64005:smp11d						
P3300 ch00@cpu_1:64005 016@0043.12.01.02.008 0x8000 -1.0 W/m2 0x0000 global_solar_radiation						
l3101 ch01@cpu_1:64005 016@0043.12.03.02.008 0x8000 23.1 st.C 0x0000 smp11_body_temperature						
l3102 ch02@cpu_1:64005 016@0043.12.04.02.008 0x8000 24.2 Vdc 0x0000 smp11_supply_voltage						
S3300 ch03@cpu_1:64005 016@0043.12.05.02.008 0x8000 0x0000 bit smp11_status						

# **jmd-1** - CPU\_1

jmd-1(60000)>get jmd

Station

| name : amws | code : M493

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```
file
     :
         K01
-- CPU 1:172.19.6.88:3000 1000EO800
   `--o jmd-1:60000:tcp
     |--<> sm:00:cpuref=CPU 0:64101:rvrd-a:enabled:report=enabled
     |--<> sm:01:cpuref=CPU 0:64102:rvrd-b:enabled:report=enabled
     |--<> sm:02:cpuref=CPU 0:64103:ptb330d-p:enabled:report=enabled
     |--<> sm:03:cpuref=CPU_0:64104:ct25kd-30:enabled:report=enabled
     |--<> sm:04:cpuref=CPU_0:64105:ptb330d-r:enabled:report=enabled
     |--<> sm:05:cpuref=CPU_0:64106:cl31d-12:enabled:report=enabled
     |--<> sm:06:cpuref=CPU_0:64107:wmt702d-30:enabled:report=enabled
     |--<> sm:07:cpuref=CPU 0:64108:vaa252wav151d-30:enabled:report=enabled
     |--<> sm:08:cpuref=CPU 0:64109:hmp155d-r:enabled:report=enabled
     |--<> sm:09:cpuref=CPU 0:64110:wmt702d-12:enabled:report=enabled
     |--<> sm:10:cpuref=CPU 0:64111:vaa252wav151d-12:enabled:report=enabled
     |--<> sm:11:cpuref=CPU 0:64112:mbio120d-ko:enabled:report=enabled
     |--<> sm:12:cpuref=CPU 1:60002:hmp155d-p:enabled:report=enabled
     |--<> sm:13:cpuref=CPU_1:60004:pluvio2d:enabled:report=enabled
     |--<> sm:14:cpuref=CPU_1:60006:lpmd:enabled:report=enabled
     |--<> sm:15:cpuref=CPU_1:60007:shm30d:enabled:report=enabled
     |--<> sm:16:cpuref=CPU_1:60008:iod:enabled:report=enabled
     |--<> sm:17:cpuref=CPU_1:60010:uc8410iod:enabled:report=enabled
     |--<> sm:18:cpuref=CPU_1:64001:pico64d-10:enabled:report=enabled
     |--<> sm:19:cpuref=CPU_1:64002:pico64d-20:enabled:report=enabled
     |--<> sm:20:cpuref=CPU_1:64003:pico64d-30:enabled:report=enabled
     |--<> sm:21:cpuref=CPU 1:64004:spn1d:enabled:report=enabled
     `--<> sm:22:cpuref=CPU_1:64005:smp11d:enabled:report=enabled
jmd-1(60000)>get ta
17/07/2017 13:55:50.0 cpu 0:64101:rvrd-a
lxxxx
      ch03@cpu_0:64101
                           016@0180.14.03.01.001
                                                   0x0000
                                                            U
                                                               code
                                                                      0x0000004000000000
                                                                                            vis1_rvr_trend_10min_period
Pxxxx
       ch04@cpu_0:64101
                           016@0180.14.04.01.001
                                                    0x0142
                                                             2100
                                                                       0x0000004000000000
                                                                                              vis1_rvr_1min_avg
      ch05@cpu 0:64101
                           016@0180.14.05.01.001
                                                   0x0000
                                                            10000.0
                                                                         0x0000004000000000 vis1 mor 1min avg
Ixxxx
      ch06@cpu 0:64101
                           016@0180.14.06.01.001
                                                   0x0142
                                                            2100
                                                                       0x0000004000000000
                                                                                             vis1 rvr 1min min 10min period
Ixxxx
                                                                   m
       ch07@cpu_0:64101
                           016@0180.14.07.01.001
                                                    0x0142
                                                             2100
                                                                       0x0000004000000000
                                                                                              vis1_rvr_1min_max_10min_period
Pxxxx
      ch08@cpu_0:64101
                           016@0180.14.08.01.001
                                                   0x0142
                                                            2100
                                                                   m
                                                                       0x0000004000000000
                                                                                             vis1 rvr 10min avg
Ixxxx
       ch09@cpu 0:64101
                           016@0180.14.09.01.001
                                                    0x0000
                                                             10369
                                                                    cd/sam 0x0000004000000000
Pxxxx
vis1 background luminance 1min avg
       ch10@cpu_0:64101
                           016@0180.14.10.01.001
                                                    0x0000
                                                             100
                                                                      0x0000004000000000
Pxxxx
                                                                  %
                                                                                             rwy_edge_light_settings
      ch11@cpu 0:64101
                           016@0180.14.11.01.001
                                                   0x0000
                                                            100
                                                                      0x0000004000000000
                                                                                            rwy center light settings
Ixxxx
                                                                 %
                           016@0180.14.12.01.001
Ixxxx
      ch12@cpu_0:64101
                                                   0x0000
                                                            10000
                                                                    m
                                                                        0x0000004000000000
                                                                                              prevailing_visibility_1min_avg
      ch13@cpu_0:64101
                           016@0180.14.13.01.001
                                                   0x0000
                                                            10000
                                                                        0x0000004000000000
                                                                                              prevailing_visibility_10min_avg
Ixxxx
                                                                    m
      ch14@cpu_0:64101
                           016@0180.14.14.01.001
                                                   0x0000
                                                                        0x0000004000000000
Ixxxx
                                                            10000
                                                                    m
minimum_instant_visibility_10min_period
      ch15@cpu_0:64101
                           016@0180.14.15.01.001
                                                   0x0000
                                                            SE
                                                                 code
                                                                       0x0000004000000000
minimum_instant_vis_direction_10min_period
                           016@0180.14.16.01.001
Pxxxx
       ch16@cpu 0:64101
                                                    0x0000
                                                             0
                                                                code
                                                                       0x00
                                                                             pw1 instant present weather code wmo synop
      ch17@cpu 0:64101
                           016@0180.14.17.01.001
                                                   0x0000
                                                            0
                                                                      0x00
                                                                             pw1_15minute_pw_code_wmo_synop
Ixxxx
                                                               code
Ixxxx
      ch18@cpu_0:64101
                           016@0180.14.18.01.001
                                                   0x0000
                                                            0
                                                               code
                                                                      0x00
                                                                             pw1_1hour_pw_code_wmo_synop
      ch19@cpu 0:64101
                           016@0180.14.19.01.001
                                                   0x0000
                                                            //////
Ixxxx
                                                                  code
                                                                         0x00
                                                                               pw1 instant pw code wmo metar
Ixxxx
      ch20@cpu 0:64101
                           016@0180.14.20.01.001
                                                   0x0000
                                                            //////
                                                                  code
                                                                         0x00
                                                                               pw1 recent pw code wmo metar
Pxxxx
       ch21@cpu_0:64101
                           016@0180.14.21.01.001
                                                    0x00a1
                                                             0.00
                                                                   mm/h
                                                                          0x00
                                                                                 pw1_precipitation_water_intensity
      ch22@cpu_0:64101
                           016@0180.14.22.01.001
                                                   0x0000
                                                            25.44
                                                                   mm
                                                                         0x00
                                                                               pw1_precipitation_cumulative_water
Ixxxx
```

016

type :

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```
ch23@cpu_0:64101
                          016@0180.14.23.01.001
                                                  0x0000
                                                          29.2
                                                                st.C
lxxxx
                                                                     0x00
                                                                            pw1_temperature
Ixxxx
      ch24@cpu_0:64101
                          016@0180.14.24.01.001
                                                  0x0000
                                                          Ν
                                                              code
                                                                    0x0000004000000000
                                                                                          vis2_rvr_trend_10min_period
Pxxxx
       ch25@cpu_0:64101
                          016@0180.14.25.01.001
                                                  0x0142
                                                           2100
                                                                 m
                                                                     0x0000004000000000
                                                                                           vis2_rvr_1min_avg
                                                          10000.0
Ixxxx
      ch26@cpu_0:64101
                          016@0180.14.26.01.001
                                                  0x0000
                                                                   m
                                                                       0x0000004000000000
                                                                                             vis2_mor_1min_avg
                          016@0180.14.27.01.001
                                                  0x0142
                                                          2100
Ixxxx
      ch27@cpu_0:64101
                                                                 m
                                                                    0x0000004000000000
                                                                                          vis2_rvr_1min_min_10min_period
                                                          2100
Ixxxx
      ch28@cpu 0:64101
                          016@0180.14.28.01.001
                                                  0x0142
                                                                 m
                                                                    0x0000004000000000
                                                                                          vis2 rvr 1min max 10min period
      ch29@cpu 0:64101
                          016@0180.14.29.01.001
                                                  0x0142
                                                          2100
                                                                 m
                                                                    0x0000004000000000
                                                                                          vis2 rvr 10min avg
Ixxxx
      ch30@cpu 0:64101
                          016@0180.14.30.01.001
                                                  0x0000
                                                          10369
                                                                  cd/sqm
                                                                          0x0000004000000000
Ixxxx
vis2_background_luminance_1min_avg
      ch31@cpu_0:64101
                          016@0180.14.31.01.001
                                                  0x0000
                                                          0
                                                                    0x00
Ixxxx
                                                             code
                                                                          pw2_instant_present_weather_code_wmo_synop
                                                  0x0000
                                                          0
Ixxxx
      ch32@cpu_0:64101
                          016@0180.14.32.01.001
                                                             code
                                                                    0x00
                                                                          pw2_15minute_pw_code_wmo_synop
lxxxx
      ch33@cpu_0:64101
                          016@0180.14.33.01.001
                                                  0x0000
                                                          0
                                                             code
                                                                    0x00
                                                                          pw2_1hour_pw_code_wmo_synop
Ixxxx
      ch34@cpu 0:64101
                          016@0180.14.34.01.001
                                                  0x0000
                                                          //////
                                                                code
                                                                      0x00
                                                                             pw2 instant pw code wmo metar
Ixxxx
      ch35@cpu 0:64101
                          016@0180.14.35.01.001
                                                  0x0000
                                                          ///////
                                                                code
                                                                      0x00
                                                                             pw2 recent pw code wmo metar
Ixxxx
      ch36@cpu 0:64101
                          016@0180.14.36.01.001
                                                  0x00a1
                                                          0.00
                                                                mm/h
                                                                       0x00
                                                                             pw2 precipitation water intensity
      ch37@cpu 0:64101
                          016@0180.14.37.01.001
                                                  0x0000
                                                          72.30
                                                                      0x00
                                                                             pw2 precipitation cumulative water
Ixxxx
                                                                 mm
lxxxx
      ch38@cpu 0:64101
                          016@0180.14.38.01.001
                                                  0x0000
                                                          28.6
                                                                st.C
                                                                      0x00
                                                                            pw2 temperature
Ixxxx
      ch39@cpu 0:64101
                          016@0180.14.39.01.001
                                                  0x0000
                                                          Ν
                                                              code
                                                                    0x0000004000000000
                                                                                          vis3 rvr trend 10min period
                          016@0180.14.40.01.001
                                                  0x0142
                                                                     0x0000004000000000
                                                                                           vis3_rvr_1min_avg
Pxxxx
      ch40@cpu_0:64101
                                                           2100
                                                                 m
      ch41@cpu_0:64101
                          016@0180.14.41.01.001
                                                  0x0000
                                                          10000 0
                                                                       0x0000004000000000
lxxxx
                                                                   m
                                                                                             vis3_mor_1min_avg
                          016@0180.14.42.01.001
                                                  0x0142
                                                          2100
                                                                    0x0000004000000000
                                                                                          vis3_rvr_1min_min_10min_period
Ixxxx
      ch42@cpu 0:64101
                                                                 m
Ixxxx
      ch43@cpu_0:64101
                          016@0180.14.43.01.001
                                                  0x0142
                                                          2100
                                                                 m
                                                                    0x0000004000000000
                                                                                          vis3_rvr_1min_max_10min_period
                                                          2100
Ixxxx
      ch44@cpu_0:64101
                          016@0180.14.44.01.001
                                                  0x0142
                                                                 m
                                                                    0x0000004000000000
                                                                                          vis3_rvr_10min_avg
Ixxxx
      ch45@cpu_0:64101
                          016@0180.14.45.01.001
                                                  0x0000
                                                          10497
                                                                  cd/sqm
                                                                          0x0000004000000000
vis3_background_luminance_1min_avg
Ixxxx
      ch46@cpu_0:64101
                          016@0180.14.46.01.001
                                                  0x0000
                                                          0
                                                             code
                                                                    0x00
                                                                          pw3_instant_present_weather_code_wmo_synop
Ixxxx
      ch47@cpu 0:64101
                          016@0180.14.47.01.001
                                                  0x0000
                                                          0
                                                             code
                                                                    0x00
                                                                          pw3 15minute pw code wmo synop
      ch48@cpu 0:64101
                          016@0180.14.48.01.001
                                                  0x0000
                                                          0
                                                                    0x00
                                                                          pw3_1hour_pw_code_wmo_synop
Ixxxx
                                                             code
      ch49@cpu_0:64101
                          016@0180.14.49.01.001
                                                  0x0000
                                                          //////
Ixxxx
                                                                code
                                                                      0x00
                                                                             pw3_instant_pw_code_wmo_metar
      ch50@cpu_0:64101
                          016@0180.14.50.01.001
                                                  0x0000
Ixxxx
                                                          //////
                                                                code
                                                                      0x00
                                                                             pw3_recent_pw_code_wmo_metar
Ixxxx
      ch51@cpu_0:64101
                          016@0180.14.51.01.001
                                                  0x00a1
                                                          0.00
                                                                mm/h
                                                                       0x00
                                                                             pw3_precipitation_water_intensity
lxxxx
      ch52@cpu_0:64101
                          016@0180.14.52.01.001
                                                  0x0000
                                                          25.44
                                                                 mm
                                                                       0x00
                                                                             pw3_precipitation_cumulative_water
      ch53@cpu 0:64101
                          016@0180.14.53.01.001
                                                  0x0000
                                                          29.2
                                                                st.C
                                                                      0x00
                                                                            pw3 temperature
Ixxxx
Sxx1a
       ch54@cpu 0:64101
                           016@0180.14.54.01.001
                                                  0x0000
                                                           0x00000000
                                                                            rvr lt31 1a status
                                                                        bit
Sxx1b
                           016@0180.14.55.01.001
                                                  0x0000
                                                                            rvr lt31 1b status
       ch55@cpu 0:64101
                                                           0x00000040
                                                                        bit
Sxx1p
       ch56@cpu 0:64101
                           016@0180.14.56.01.001
                                                   0x0000
                                                           0x00 bit
                                                                     rvr pw1 status
Sxx2a
                           016@0180.14.57.01.001
                                                   0x0000
                                                                        bit rvr lt31 2a status
       ch57@cpu 0:64101
                                                           0x00000000
                                                           0x00000040
Sxx2h
       ch58@cpu 0:64101
                           016@0180.14.58.01.001
                                                  0x0000
                                                                        bit rvr lt31 2b status
Sxx2p
                           016@0180.14.59.01.001
                                                  0x0000
                                                           0x00
       ch59@cpu_0:64101
                                                                 bit
                                                                     rvr pw2 status
Sxx3a
       ch60@cpu 0:64101
                           016@0180.14.60.01.001
                                                  0x0000
                                                           0x00000000
                                                                        bit rvr lt31 3a status
                                                                        bit rvr_lt31_3b_status
Sxx3b
       ch61@cpu_0:64101
                           016@0180.14.61.01.001
                                                  0x0000
                                                           0x00000040
                           016@0180.14.62.01.001
                                                                      rvr_pw3_status
Sxx3p
       ch62@cpu_0:64101
                                                  0x0000
                                                           0x00
                                                                 bit
          13:56:00.0 cpu 0:64102:rvrd-b
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Ixxxx
      ch03@cpu_0:64102
                          016@0180.14.03.01.001
                                                  0x0400
                                                          -999
                                                                      vis1_rvr_trend_10min_period
                                                                code
Pxxxx
       ch04@cpu_0:64102
                          016@0180.14.04.01.001
                                                  0x0400
                                                           -999
                                                                     vis1_rvr_1min_avg
Ixxxx
      ch05@cpu_0:64102
                          016@0180.14.05.01.001
                                                  0x0400
                                                          -999
                                                                m
                                                                    vis1_mor_1min_avg
Ixxxx
      ch06@cpu 0:64102
                          016@0180.14.06.01.001
                                                  0x0400
                                                          -999
                                                                m
                                                                    vis1 rvr 1min min 10min period
Pxxxx
       ch07@cpu 0:64102
                           016@0180.14.07.01.001
                                                  0x0400
                                                           -999
                                                                     vis1 rvr 1min max 10min period
Ixxxx
      ch08@cpu_0:64102
                          016@0180.14.08.01.001
                                                  0x0400
                                                          -999
                                                                    vis1_rvr_10min_avg
       ch09@cpu 0:64102
                           016@0180.14.09.01.001
                                                                         0x////////// vis1 background luminance 1min avg
Pxxxx
                                                  0x0400
                                                           -999
                                                                 cd/sam
Pxxxx
       ch10@cpu 0:64102
                           016@0180.14.10.01.001
                                                  0x0400
                                                           -999
                                                                     rwy edge light settings
Ixxxx
      ch11@cpu_0:64102
                          016@0180.14.11.01.001
                                                  0x0400
                                                          -999
                                                                %
                                                                    rwy_center_light_settings
lxxxx
      ch12@cpu_0:64102
                          016@0180.14.12.01.001
                                                  0x0400
                                                          -999
                                                                    prevailing_visibility_1min_avg
```

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```
ch13@cpu_0:64102
                          016@0180.14.13.01.001
                                                  0x0400
                                                          -999
                                                                                 prevailing_visibility_10min_avg
Ixxxx
                                                                m
                                                                    0x///////////
                          016@0180.14.14.01.001
                                                                                 minimum_instant_visibility_10min_period
Ixxxx
      ch14@cpu_0:64102
                                                  0x0400
                                                          -999
                                                                m
                                                                    Ixxxx
      ch15@cpu_0:64102
                          016@0180.14.15.01.001
                                                  0x0400
                                                           -999
                                                                code
                                                                       minimum_instant_vis_direction_10min_period
                           016@0180.14.16.01.001
Pxxxx
       ch16@cpu_0:64102
                                                  0x0400
                                                           -999
                                                                 code
                                                                        0x//
                                                                             pw1_instant_present_weather_code_wmo_synop
                          016@0180.14.17.01.001
Ixxxx
      ch17@cpu 0:64102
                                                  0x0400
                                                           -999
                                                                code
                                                                       0x//
                                                                            pw1 15minute pw code wmo synop
      ch18@cpu 0:64102
                          016@0180.14.18.01.001
                                                  0x0400
                                                           -999
                                                                code
                                                                       0x//
                                                                            pw1_1hour_pw_code_wmo_synop
Ixxxx
      ch19@cpu 0:64102
                          016@0180.14.19.01.001
                                                  0x0400
                                                           -999
                                                                code
                                                                       0x//
Ixxxx
                                                                            pw1_instant_pw_code_wmo_metar
      ch20@cpu_0:64102
                          016@0180.14.20.01.001
                                                  0x0400
                                                           -999
                                                                       0x//
Ixxxx
                                                                code
                                                                            pw1_recent_pw_code_wmo_metar
                           016@0180.14.21.01.001
                                                  0x0400
                                                           -99.99
Pxxxx
       ch21@cpu_0:64102
                                                                   mm/h
                                                                               pw1_precipitation_water_intensity
Ixxxx
      ch22@cpu_0:64102
                          016@0180.14.22.01.001
                                                  0x0400
                                                           -99.99
                                                                  mm
                                                                             pw1_precipitation_cumulative_water
lxxxx
      ch23@cpu_0:64102
                          016@0180.14.23.01.001
                                                  0x0400
                                                           -99.9
                                                                 st.C
                                                                       0x//
                                                                            pw1_temperature
Ixxxx
      ch24@cpu 0:64102
                          016@0180.14.24.01.001
                                                  0x0400
                                                           -999
                                                                code
                                                                       vis2 rvr trend 10min period
Pxxxx
       ch25@cpu 0:64102
                           016@0180.14.25.01.001
                                                  0x0400
                                                           -999
                                                                 m
                                                                     vis2 rvr 1min avg
Ixxxx
      ch26@cpu 0:64102
                          016@0180.14.26.01.001
                                                  0x0400
                                                           -999
                                                                m
                                                                    vis2 mor 1min avg
      ch27@cpu 0:64102
                          016@0180.14.27.01.001
                                                  0x0400
                                                           -999
                                                                    vis2 rvr 1min min 10min period
Ixxxx
                                                                m
lxxxx
      ch28@cpu 0:64102
                          016@0180.14.28.01.001
                                                  0x0400
                                                           -999
                                                                    vis2 rvr 1min max 10min period
                                                                m
Ixxxx
      ch29@cpu_0:64102
                          016@0180.14.29.01.001
                                                  0x0400
                                                           -999
                                                                m
                                                                    vis2_rvr_10min_avg
                          016@0180.14.30.01.001
                                                  0x0400
Ixxxx
      ch30@cpu_0:64102
                                                           -999
                                                                cd/sam
                                                                         0x///////// vis2_background_luminance_1min_avg
                          016@0180.14.31.01.001
                                                  0x0400
                                                           -999
lxxxx
      ch31@cpu_0:64102
                                                                code
                                                                       0x//
                                                                            pw2_instant_present_weather_code_wmo_synop
      ch32@cpu_0:64102
                          016@0180.14.32.01.001
                                                  0x0400
Ixxxx
                                                           -999
                                                                code
                                                                       0x//
                                                                            pw2_15minute_pw_code_wmo_synop
Ixxxx
      ch33@cpu_0:64102
                          016@0180.14.33.01.001
                                                  0x0400
                                                           -999
                                                                code
                                                                       0x//
                                                                            pw2_1hour_pw_code_wmo_synop
Ixxxx
      ch34@cpu_0:64102
                          016@0180.14.34.01.001
                                                  0x0400
                                                           -999
                                                                code
                                                                       0x//
                                                                            pw2_instant_pw_code_wmo_metar
Ixxxx
      ch35@cpu_0:64102
                          016@0180.14.35.01.001
                                                  0x0400
                                                           -999
                                                                code
                                                                       0x//
                                                                            pw2_recent_pw_code_wmo_metar
Ixxxx
      ch36@cpu_0:64102
                          016@0180.14.36.01.001
                                                  0x0400
                                                           -99.99
                                                                  mm/h
                                                                         0x//
                                                                              pw2_precipitation_water_intensity
Ixxxx
      ch37@cpu_0:64102
                          016@0180.14.37.01.001
                                                  0x0400
                                                           -99.99
                                                                  mm
                                                                       0x//
                                                                             pw2_precipitation_cumulative_water
Ixxxx
      ch38@cpu 0:64102
                          016@0180.14.38.01.001
                                                  0x0400
                                                           -99.9
                                                                 st.C
                                                                       0x//
                                                                            pw2 temperature
      ch39@cpu 0:64102
                          016@0180.14.39.01.001
                                                  0x0400
                                                           -999
                                                                       0x/////////
                                                                                   vis3 rvr trend 10min period
Ixxxx
       ch40@cpu_0:64102
                           016@0180.14.40.01.001
                                                  0x0400
                                                           -999
Pxxxx
                                                                     vis3_rvr_1min_avg
      ch41@cpu_0:64102
                          016@0180.14.41.01.001
                                                  0x0400
                                                           -999
Ixxxx
                                                                    vis3_mor_1min_avg
Ixxxx
      ch42@cpu_0:64102
                          016@0180.14.42.01.001
                                                  0x0400
                                                           -999
                                                                m
                                                                    vis3_rvr_1min_min_10min_period
lxxxx
      ch43@cpu_0:64102
                          016@0180.14.43.01.001
                                                  0x0400
                                                           -999
                                                                m
                                                                    vis3_rvr_1min_max_10min_period
      ch44@cpu 0:64102
                          016@0180.14.44.01.001
                                                  0x0400
                                                           -999
                                                                m
                                                                    vis3 rvr 10min avg
Ixxxx
      ch45@cpu 0:64102
                          016@0180.14.45.01.001
                                                  0x0400
                                                           -999
                                                                         0x////////// vis3_background_luminance_1min_avg
Ixxxx
                                                                cd/sam
                          016@0180.14.46.01.001
                                                  0x0400
Ixxxx
      ch46@cpu_0:64102
                                                           -999
                                                                code
                                                                       0x//
                                                                            pw3_instant_present_weather_code_wmo_synop
      ch47@cpu 0:64102
                          016@0180.14.47.01.001
                                                  0x0400
                                                           -999
Ixxxx
                                                                code
                                                                       0x//
                                                                            pw3_15minute_pw_code_wmo_synop
                                                  0x0400
                                                           -999
lxxxx
      ch48@cpu 0:64102
                          016@0180.14.48.01.001
                                                                code
                                                                       0x//
                                                                            pw3 1hour pw code wmo synop
      ch49@cpu 0:64102
                          016@0180.14.49.01.001
                                                  0x0400
                                                           -999
Ixxxx
                                                                code
                                                                       0x//
                                                                            pw3_instant_pw_code_wmo_metar
      ch50@cpu_0:64102
                          016@0180.14.50.01.001
                                                  0x0400
                                                           -999
lxxxx
                                                                code
                                                                       0x//
                                                                            pw3_recent_pw_code_wmo_metar
      ch51@cpu 0:64102
                          016@0180.14.51.01.001
                                                  0x0400
                                                           -99.99
                                                                              pw3 precipitation water intensity
Ixxxx
                                                                  mm/h
                                                                         0x//
                          016@0180.14.52.01.001
                                                           -99.99
lxxxx
      ch52@cpu_0:64102
                                                  0x0400
                                                                  mm
                                                                       0x//
                                                                             pw3_precipitation_cumulative_water
                          016@0180.14.53.01.001
                                                                 st.C
Ixxxx
      ch53@cpu_0:64102
                                                  0x0400
                                                           -99.9
                                                                       0x//
                                                                            pw3_temperature
                           016@0180.14.54.01.001
Sxx1a
       ch54@cpu_0:64102
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr_lt31_1a_status
Sxx1b
       ch55@cpu_0:64102
                           016@0180.14.55.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr_lt31_1b_status
Sxx1p
       ch56@cpu_0:64102
                           016@0180.14.56.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr_pw1_status
Sxx2a
       ch57@cpu_0:64102
                           016@0180.14.57.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr_lt31_2a_status
Sxx2b
       ch58@cpu 0:64102
                           016@0180.14.58.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr lt31 2b status
Sxx2p
       ch59@cpu 0:64102
                           016@0180.14.59.01.001
                                                   0x0400
                                                            -999
                                                                      rvr pw2 status
                                                                 bit
Sxx3a
       ch60@cpu_0:64102
                           016@0180.14.60.01.001
                                                   0x0400
                                                            -999
                                                                      rvr_lt31_3a_status
Sxx3b
                           016@0180.14.61.01.001
                                                   0x0400
                                                            -999
                                                                      rvr lt31 3b status
       ch61@cpu 0:64102
                                                                 bit
Sxx3p
       ch62@cpu 0:64102
                           016@0180.14.62.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr pw3 status
17/07/2017
           13:56:00.0
                       cpu_0:64103:ptb330d-p
P3090
       ch00@cpu_0:64103
                           016@0047.12.01.01.002
                                                   0x0000
                                                            986.48
                                                                   hPa
                                                                         0x0000001
                                                                                      air pressure Pavo
```

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```
P3091
       ch01@cpu_0:64103
                           016@0047.12.02.01.002
                                                    0x0000
                                                                         0x00000001 air_pressure_3hTrend
                                                            -1.45
                                                                   hPa
                                                            7
                                                                                air_pressure_3hTendency
P3092
       ch02@cpu_0:64103
                           016@0047.12.03.01.002
                                                    0x0000
                                                                   0x0000001
S3090
       ch03@cpu_0:64103
                           016@0047.12.17.01.002
                                                    0x0000
                                                            0x0000001
                                                                          bit
                                                                              status_u32_ptb330
17/07/2017
           13:56:00.0 cpu_0:64104:ct25kd-30
                           016@0186.12.00.01.001
P3250
       ch00@cpu_0:64104
                                                    0x0000
                                                            0
                                                                code
                                                                      ///
                                                                          ft
                                                                             0
                                                                                 code
                                                                                      ///
                                                                                           ft 0
                                                                                                  code
                                                                                                       ///
                                                                                                            ft
                                                                                                                0
                                                                                                                   code
                                                                                                                         ///
ft 0x00000000 ceilometer cloud layers
P3251
        ch01@cpu 0:64104
                            016@0186.12.01.01.001
                                                    0x0000
                                                            0
                                                                code
                                                                      0x00000000
                                                                                   cloud amount 1st layer
P3252
        ch02@cpu 0:64104
                            016@0186.12.02.01.001
                                                    0x0000
                                                            ///
                                                                ft
                                                                    0x00000000
                                                                                 height_1st_cloud_layer_ft
P3253
        ch03@cpu_0:64104
                            016@0186.12.03.01.001
                                                    0x0000
                                                            ///
                                                                    0x0000000
                                                                                 height_1st_cloud_layer_m
P3254
                            016@0186.12.04.01.001
                                                    0x0000
                                                            0
        ch04@cpu_0:64104
                                                                      0x00000000
                                                                                   cloud_amount_2nd_layer
P3255
       ch05@cpu_0:64104
                            016@0186.12.05.01.001
                                                    0x0000
                                                            ///
                                                                ft
                                                                    0x0000000
                                                                                 height_2nd_cloud_layer_ft
P3256
        ch06@cpu_0:64104
                            016@0186.12.06.01.001
                                                    0x0000
                                                            ///
                                                                m
                                                                    0x0000000
                                                                                 height_2nd_cloud_layer_m
P3257
       ch07@cpu 0:64104
                            016@0186.12.07.01.001
                                                    0x0000
                                                            0
                                                                code
                                                                      0x00000000
                                                                                   cloud amount 3rd layer
P3258
        ch08@cpu 0:64104
                            016@0186.12.08.01.001
                                                    0x0000
                                                            ///
                                                                ft
                                                                    0x00000000
                                                                                 height 3rd cloud layer ft
P3259
       ch09@cpu_0:64104
                            016@0186.12.09.01.001
                                                    0x0000
                                                            ///
                                                                m
                                                                    0x0000000
                                                                                 height_3rd_cloud_layer_m
P3260
        ch10@cpu 0:64104
                            016@0186.12.10.01.001
                                                    0x0000
                                                            0
                                                                      0x00000000
                                                                                   cloud amount 4th layer
                                                                code
P3261
        ch11@cpu 0:64104
                            016@0186.12.11.01.001
                                                    0x0000
                                                            ///
                                                                ft
                                                                    0x00000000
                                                                                 height_4th_cloud_layer_ft
                                                    0x0000
P3262
       ch12@cpu_0:64104
                            016@0186.12.12.01.001
                                                            ///
                                                                m
                                                                    0x0000000
                                                                                 height_4th_cloud_layer_m
                           016@0186.12.13.01.001
                                                    0x0000
                                                            0x00000000
S3250
       ch13@cpu_0:64104
                                                                          bit
                                                                              status_cl31
17/07/2017
           13:56:00.0 cpu_0:64105:ptb330d-r
P3090
                           016@0047.12.01.01.002
                                                    0x0000
       ch00@cpu_0:64105
                                                            986.49
                                                                     hPa
                                                                          0x00000001
                                                                                        air_pressure_Pavg
P3091
        ch01@cpu_0:64105
                           016@0047.12.02.01.002
                                                    0x0000
                                                            -1.45
                                                                   hPa
                                                                         0x00000001 air_pressure_3hTrend
P3092
                                                            7
       ch02@cpu_0:64105
                           016@0047.12.03.01.002
                                                    0x0000
                                                                   0x0000001
                                                                                air_pressure_3hTendency
S3090
       ch03@cpu_0:64105
                            016@0047.12.17.01.002
                                                    0x0000
                                                            0x0000001
                                                                          bit
                                                                              status_u32_ptb330
17/07/2017
           13:56:00.0 cpu_0:64106:cl31d-12
P3250
       ch00@cpu_0:64106
                           016@0186.12.00.01.001
                                                    0x0000
                                                            0
                                                                code
                                                                      ///
                                                                          ft 0
                                                                                code
                                                                                      ///
                                                                                          ft 0
                                                                                                  code
                                                                                                       ///
                                                                                                            ft
                                                                                                                0
                                                                                                                   code
                                                                                                                         ///
ft
  0x00000000 ceilometer
                          cloud layers
P3251
        ch01@cpu_0:64106
                            016@0186.12.01.01.001
                                                    0x0000
                                                            0
                                                                      0x00000000
                                                                                   cloud_amount_1st_layer
P3252
        ch02@cpu_0:64106
                            016@0186.12.02.01.001
                                                    0x0000
                                                            ///
                                                                ft
                                                                    0x0000000
                                                                                 height_1st_cloud_layer_ft
P3253
        ch03@cpu_0:64106
                            016@0186.12.03.01.001
                                                    0x0000
                                                            ///
                                                                    0x00000000
                                                                m
                                                                                  height_1st_cloud_layer_m
P3254
        ch04@cpu_0:64106
                            016@0186.12.04.01.001
                                                    0x0000
                                                            0
                                                                code
                                                                      0x0000000
                                                                                   cloud_amount_2nd_layer
P3255
       ch05@cpu_0:64106
                            016@0186.12.05.01.001
                                                    0x0000
                                                            ///
                                                                ft
                                                                    0x0000000
                                                                                 height_2nd_cloud_layer_ft
P3256
       ch06@cpu 0:64106
                            016@0186.12.06.01.001
                                                    0x0000
                                                            ///
                                                                m
                                                                    0x00000000
                                                                                 height 2nd cloud layer m
       ch07@cpu_0:64106
P3257
                           016@0186.12.07.01.001
                                                    0x0000
                                                            0
                                                                      0x00000000
                                                                                   cloud_amount_3rd_layer
                                                                code
P3258
                            016@0186.12.08.01.001
                                                    0x0000
                                                            ///
        ch08@cpu_0:64106
                                                                ft
                                                                    0x00000000
                                                                                 height_3rd_cloud_layer_ft
P3259
                            016@0186.12.09.01.001
                                                    0x0000
                                                            ///
        ch09@cpu_0:64106
                                                                m
                                                                    0x00000000
                                                                                 height_3rd_cloud_layer_m
                            016@0186.12.10.01.001
                                                    0x0000
P3260
        ch10@cpu_0:64106
                                                            0
                                                                code
                                                                      0x00000000
                                                                                   cloud amount 4th layer
P3261
       ch11@cpu_0:64106
                            016@0186.12.11.01.001
                                                    0x0000
                                                            ///
                                                                ft
                                                                    0x00000000
                                                                                 height_4th_cloud_layer_ft
P3262
                            016@0186.12.12.01.001
                                                    0x0000
                                                            ///
                                                                    0x0000000
                                                                                 height_4th_cloud_layer_m
       ch12@cpu_0:64106
                                                                m
                                                            0x00000000
S3250
       ch13@cpu_0:64106
                            016@0186.12.13.01.001
                                                    0x0000
                                                                         bit
                                                                              status cl31
17/07/2017
           13:56:00.0 cpu_0:64107:wmt702d-30
P3180
                           016@0100.12.00.02.003
                                                    0x0000
       ch00@cpu_0:64107
                                                            -99.99
                                                                    n
                                                                        0x00a0
                                                                                wind_processed
13001
       ch01@cpu_0:64107
                           016@0100.12.01.02.003
                                                   0x0000
                                                            032
                                                                 deg
                                                                       0x00a0
                                                                                wind_direction_3s_avg
13002
       ch02@cpu_0:64107
                           016@0100.12.02.02.003
                                                   0x0000
                                                            0.30
                                                                  m/s
                                                                       0x00a0
                                                                                wind_speed_3s_avg
13003
       ch03@cpu_0:64107
                           016@0100.12.03.02.003
                                                   0x0000
                                                            -0.21
                                                                  m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_x
13004
       ch04@cpu_0:64107
                           016@0100.12.04.02.003
                                                   0x0000
                                                            -0.12
                                                                  m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_y
13005
       ch05@cpu 0:64107
                           016@0100.12.05.02.003
                                                   0x0000
                                                            0.20
                                                                  m/s
                                                                       0x00a0
                                                                                wind speed min
13006
       ch06@cpu_0:64107
                           016@0100.12.06.02.003
                                                   0x0000
                                                            0.40
                                                                  m/s
                                                                       0x00a0
                                                                                wind_speed_peak
13007
       ch07@cpu_0:64107
                           016@0100.12.07.02.003
                                                   0x0000
                                                            0.39
                                                                  m/s
                                                                       0x00a0
                                                                                wind_speed_gust
13008
                           016@0100.12.08.02.003
                                                   0x0000
                                                                       0x00a0
       ch08@cpu 0:64107
                                                            0.28
                                                                  m/s
                                                                                wind speed lull
13009
       ch09@cpu 0:64107
                           016@0100.12.09.02.003
                                                   0x0000
                                                            358
                                                                 deg
                                                                       0x00a0
                                                                                wind direction max
13010
       ch10@cpu_0:64107
                           016@0100.12.10.02.003
                                                   0x0000
                                                            009
                                                                 deg
                                                                       0x00a0
                                                                                wind_direction_min
13011
       ch11@cpu_0:64107
                           016@0100.12.11.02.003
                                                   0x0000
                                                            097
                                                                 deg
                                                                       0x00a0
                                                                                wind_direction_at_wind_peak
```

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ch12@cpu\_0:64107 016@0100.12.12.02.003 0x0000 0x00a0 13012 1 n signal\_quality\_rg ch19@cpu\_0:64107 016@0100.12.19.02.003 S3180 0x0000 0x00a0 bit status\_wmt702 cpu\_0:64108:vaa252wav151d-30 17/07/2017 13:56:00.0 P3180 ch00@cpu\_0:64108 016@0100.12.00.02.003 0x0000 -99.99 n 0x00a0 wind\_processed 016@0100.12.01.02.003 0x0000 13001 ch01@cpu\_0:64108 032 deg 0x00a0 wind\_direction\_3s\_avg 13002 ch02@cpu 0:64108 016@0100.12.02.02.003 0x0000 0.30 m/s 0x00a0 wind speed 3s avg 13003 ch03@cpu 0:64108 016@0100.12.03.02.003 0x0000 -0.21 m/s 0x00a0 wind\_speed\_avg\_x 13004 ch04@cpu 0:64108 016@0100.12.04.02.003 0x0000 -0.12 m/s 0x00a0 wind\_speed\_avg\_y 13005 ch05@cpu\_0:64108 016@0100.12.05.02.003 0x0000 0.20 m/s 0x00a0 wind\_speed\_min 13006 ch06@cpu\_0:64108 016@0100.12.06.02.003 0x0000 0.40 0x00a0 m/s wind\_speed\_peak 13007 ch07@cpu\_0:64108 016@0100.12.07.02.003 0x0000 0.39 m/s 0x00a0 wind\_speed\_gust 13008 ch08@cpu\_0:64108 016@0100.12.08.02.003 0x0000 0.28 m/s 0x00a0 wind\_speed\_lull 13009 ch09@cpu 0:64108 016@0100.12.09.02.003 0x0000 358 dea 0x00a0 wind direction max 13010 ch10@cpu 0:64108 016@0100.12.10.02.003 0x0000 009 deg 0x00a0 wind direction min wind\_direction\_at\_wind\_peak 13011 ch11@cpu\_0:64108 016@0100.12.11.02.003 0x0000 097 deg 0x00a0 13012 ch12@cpu 0:64108 016@0100.12.12.02.003 0x0000 1 n 0x00a0 signal quality rg S3180 ch19@cpu\_0:64108 016@0100.12.19.02.003 0x0000 0x00a0bit status wmt702 17/07/2017 13:55:50.0 cpu 0:64109:hmp155d-r 0x0002 P3050 016@0035.12.01.22.002 0x0000 ch07@cpu\_0:64109 42 %RH rel\_humidity P3011 016@0035.12.03.22.002 0x000022 5 0x0002 ch08@cpu\_0:64109 st.C temp\_air\_additional\_Ta P3052 016@0035.12.04.22.002 0x0002 temp\_dewpoint\_TD ch09@cpu\_0:64109 0x0000 8.8 st.C 13023 ch10@cpu\_0:64109 016@0035.12.05.22.002 0x0000 8.8 st .C 0x0002 temp\_dewpoint\_FTD 0x0000 13024 0x0002 ch11@cpu\_0:64109 016@0035.12.06.22.002 7.100 g/kg mixing\_ratio\_x P3051 ch12@cpu\_0:64109 016@0035.12.07.22.002 0x0000 14.6 st.C 0x0002 temp\_wetbulb\_Tw S3050 ch13@cpu\_0:64109 016@0035.12.08.22.002 0x0000 0x0002 bit status\_u16\_hmp155 17/07/2017 13:56:00.0 cpu\_0:64110:wmt702d-12 P3180 ch00@cpu 0:64110 016@0100.12.00.02.003 0x0000 -99.99 n 0x00a0 wind processed 13001 ch01@cpu\_0:64110 016@0100.12.01.02.003 0x0000 032 0x00a0 wind\_direction\_3s\_avg deg 13002 ch02@cpu\_0:64110 016@0100.12.02.02.003 0x0000 0.30 0x00a0 m/s wind\_speed\_3s\_avg 13003 ch03@cpu\_0:64110 016@0100.12.03.02.003 0x0000 -0.21 0x00a0 m/s wind\_speed\_avg\_x 13004 ch04@cpu\_0:64110 016@0100.12.04.02.003 0x0000 -0.12m/s 0x00a0 wind\_speed\_avg\_y 13005 ch05@cpu\_0:64110 016@0100.12.05.02.003 0x0000 0.20 m/s 0x00a0 wind\_speed\_min 13006 ch06@cpu 0:64110 016@0100.12.06.02.003 0x0000 0.40 m/s 0x00a0 wind speed peak wind\_speed\_gust 13007 ch07@cpu 0:64110 016@0100.12.07.02.003 0x0000 0.39 0x00a0 m/s 13008 ch08@cpu\_0:64110 016@0100.12.08.02.003 0x0000 0.28 m/s 0x00a0 wind\_speed\_lull 13009 ch09@cpu\_0:64110 016@0100.12.09.02.003 0x0000 358 deg 0x00a0 wind\_direction\_max 13010 ch10@cpu 0:64110 deg 016@0100.12.10.02.003 0x0000009 0x00a0wind direction min 13011 0x0000 ch11@cpu\_0:64110 016@0100.12.11.02.003 097 deg 0x00a0wind\_direction\_at\_wind\_peak 13012 ch12@cpu\_0:64110 016@0100.12.12.02.003 0x0000 1 0x00a0 signal\_quality\_rg n S3180 ch19@cpu\_0:64110 016@0100.12.19.02.003 0x00000x00a0 hit status wmt702 13:56:00.0 cpu\_0:64111:vaa252wav151d-12 17/07/2017 P3180 ch00@cpu\_0:64111 016@0100.12.00.02.003 0x0000 0x00a0 -99.99 n wind\_processed 13001 ch01@cpu\_0:64111 016@0100.12.01.02.003 0x0000 032 deg 0x00a0 wind\_direction\_3s\_avg 13002 ch02@cpu\_0:64111 016@0100.12.02.02.003 0x0000 0.30 m/s 0x00a0 wind\_speed\_3s\_avg 13003 ch03@cpu\_0:64111 016@0100.12.03.02.003 0x0000 -0.21 m/s 0x00a0 wind\_speed\_avg\_x 13004 ch04@cpu\_0:64111 016@0100.12.04.02.003 0x0000 -0.12 m/s 0x00a0 wind\_speed\_avg\_y 13005 ch05@cpu 0:64111 016@0100.12.05.02.003 0x0000 0.20 m/s 0x00a0 wind speed min 13006 ch06@cpu\_0:64111 016@0100.12.06.02.003 0x0000 0.40 m/s 0x00a0 wind\_speed\_peak 13007 ch07@cpu\_0:64111 016@0100.12.07.02.003 0x0000 0.39 m/s 0x00a0 wind\_speed\_gust 13008 ch08@cpu 0:64111 016@0100.12.08.02.003 0x0000 0.28 0x00a0 m/s wind speed lull 13009 ch09@cpu 0:64111 016@0100.12.09.02.003 0x0000 358 deg 0x00a0 wind direction max 13010 ch10@cpu\_0:64111 016@0100.12.10.02.003 0x0000 009 deg 0x00a0 wind\_direction\_min 13011 ch11@cpu\_0:64111 016@0100.12.11.02.003 0x0000 097 deg 0x00a0 wind\_direction\_at\_wind\_peak

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```
ch12@cpu_0:64111 016@0100.12.12.02.003 0x0000
13012
                                                           1 n
                                                                  0x00a0
                                                                           signal_quality_rg
       ch19@cpu_0:64111
                           016@0100.12.19.02.003
S3180
                                                   0x0000
                                                            0x00a0
                                                                     bit
                                                                         status_wmt702
           13:55:50.0 cpu_0:64112:mbio120d-ko
17/07/2017
P4070
       ch04@cpu_0:64112
                           016@0001.12.01.97.004
                                                    0x0000
                                                            24.6
                                                                  ٧
                                                                      dc_voltage
                           016@0001.12.02.97.004
P4014
       ch05@cpu_0:64112
                                                    0x0000
                                                            23.5
                                                                  st.C
                                                                        ams_temperature
P4035
       ch06@cpu 0:64112
                           016@0001.12.03.97.004
                                                    0x0000
                                                            37
                                                                 %rH
                                                                       ams rel humidity
S4001
       ch07@cpu 0:64112
                           016@0001.12.99.97.004
                                                    0x0000
                                                            1
                                                                Din
                                                                     door status
17/07/2017
           13:55:50.0 cpu 1:60002:hmp155d-p
P3045
       ch00@cpu_1:60002
                           016@0035.12.01.22.002
                                                    0x8000
                                                            41
                                                                 %RH
                                                                        0x0002
                                                                                rel_humidity
P3010
                           016@0035.12.03.22.002
                                                    0x8000
                                                            22.5
       ch01@cpu_1:60002
                                                                  st.C
                                                                        0x0002
                                                                                 temp_air_additional_Ta
                           016@0035.12.04.22.002
P3047
       ch02@cpu_1:60002
                                                    0x8000
                                                            8.7
                                                                 st.C
                                                                       0x0002
                                                                                temp_dewpoint_TD
13021
       ch03@cpu_1:60002
                           016@0035.12.05.22.002
                                                   0x8000
                                                           8.7
                                                                 st.C
                                                                      0x0002
                                                                               temp_dewpoint_FTD
13022
       ch04@cpu 1:60002
                           016@0035.12.06.22.002
                                                   0x8000
                                                            7.000
                                                                   g/kg
                                                                         0x0002
                                                                                 mixing ratio x
P3046
       ch05@cpu 1:60002
                           016@0035.12.07.22.002
                                                    0x8000
                                                            14.6
                                                                  st.C
                                                                        0x0002
                                                                                 temp wetbulb Tw
S3045
       ch06@cpu_1:60002
                           016@0035.12.08.22.002
                                                    0x8000
                                                            0x0002
                                                                     bit
                                                                         status u16 hmp155
17/07/2017
           13:56:00.0 cpu 1:60004:pluvio2d
P3120
       ch03@cpu 1:60004
                           016@0120.12.04.04.012
                                                    0x88x0
                                                            2.67
                                                                        0x06000000
                                                                                     acumulated total NRT
                                                                  mm
                           016@0120.12.06.04.012
P3121
       ch05@cpu_1:60004
                                                    0x8800
                                                            803.09
                                                                     mm
                                                                          0x06000000
                                                                                       bucket NRT
13045
                           016@0120.12.07.04.012
                                                   0x8800
       ch06@cpu_1:60004
                                                            22.4
                                                                  st.C
                                                                        0x06000000
                                                                                     temperature_load_cell
13046
                           016@0120.12.08.04.012
                                                   0x8800
                                                            226
                                                                                     temperature_electronics_unit
       ch07@cpu_1:60004
                                                                  st.C
                                                                        0x06000000
13047
                           016@0120.12.09.04.012
                                                   0x8800
                                                            24.3
                                                                  ٧
       ch08@cpu_1:60004
                                                                     0x06000000
                                                                                  power supply
13048
       ch09@cpu_1:60004
                           016@0120.12.10.04.012
                                                   0x88x0
                                                            0.0
                                                                st.C
                                                                      0x06000000
                                                                                   temperature_orifice_ring_rim
S3120
                           016@0120.12.11.04.012
       ch10@cpu_1:60004
                                                    0x8000
                                                            0x0600
                                                                     bit
                                                                         status_heating
S3121
       ch11@cpu_1:60004
                           016@0120.12.12.04.012
                                                    0x8000
                                                            0x0000
                                                                     bit
                                                                         status_pluvio2
17/07/2017
           13:55:00.0 cpu_1:60006:lpmd
P3124
       ch01@cpu_1:60006
                           016@0123.12.02.06.001
                                                    0x8000
                                                            0.000
                                                                   mm/h
                                                                          0x00c2 5min_intensity
P3125
       ch02@cpu 1:60006
                           016@0123.12.03.06.001
                                                    0x8000
                                                            0.00
                                                                  mm
                                                                        0x00c2
                                                                                 precipitation amount
P3126
       ch03@cpu_1:60006
                           016@0123.12.04.06.001
                                                    0x8000
                                                            00
                                                                       0x00c2
                                                                                5min SYNOP tab4680
                                                                 code
P3127
       ch07@cpu_1:60006
                           016@0123.12.08.06.001
                                                    0x8000
                                                            -9.9
                                                                  dBz
                                                                        0x00c2
                                                                                1min_radar_reflectivity
13066
       ch10@cpu_1:60006
                           016@0123.12.11.06.001
                                                   0x8000
                                                            4010
                                                                        0x00c2
                                                                  mV
                                                                                control_voltage
13067
       ch11@cpu_1:60006
                           016@0123.12.12.06.001
                                                   0008x0
                                                            23.2
                                                                  st.C
                                                                        0x00c2
                                                                                ambient T
S3124
       ch12@cpu_1:60006
                           016@0123.12.13.06.001
                                                    0x8000
                                                            0x00c2
                                                                     bit
                                                                         LPM_status
17/07/2017
           13:55:30.0 cpu 1:60007:shm30d
P3150
       ch00@cpu_1:60007
                           016@0126.11.01.06.001
                                                    0x8000
                                                            0.0
                                                                      0x0000
                                                                 cm
                                                                               snow depth
P3151
                           016@0126.11.02.06.001
       ch01@cpu_1:60007
                                                    0x8000
                                                            47.924
                                                                        0x0000
                                                                                signal_strength
13071
       ch02@cpu_1:60007
                           016@0126.11.03.06.001
                                                   0x8000
                                                            30.0
                                                                  st.C
                                                                        0x0000
                                                                                temperature
S3150
                           016@0126.11.04.06.001
                                                    0x8000
                                                            0x0000
                                                                         status shm30
       ch03@cpu 1:60007
                                                                     bit
17/07/2017
           13:56:00.0 cpu 1:60008:iod
P3129
       ch00@cpu_1:60008
                           016@0120.12.01.03.001
                                                    0x8000
                                                            0
                                                               bit
                                                                    precipitation_duration
P3005
       ch08@cpu_1:60008
                           016@0001.12.02.30.011
                                                   0x8000
                                                            23.4
                                                                  st.C
                                                                        Tair 1000EO800
                                                                        temp_soil_-5cm
P3370
       ch11@cpu_1:60008
                           016@0010.12.05.05.008
                                                    0x8000
                                                            22.7
                                                                  st.C
P3371
                           016@0010.12.05.06.008
       ch12@cpu_1:60008
                                                    0x8000
                                                            22.5
                                                                  st.C
                                                                        temp_soil_-10cm
P3372
       ch13@cpu_1:60008
                           016@0010.12.05.07.008
                                                    0x8000
                                                            22.5
                                                                  st.C
                                                                        temp_soil_-20cm
P3373
       ch14@cpu_1:60008
                           016@0010.12.05.08.008
                                                    0x8000
                                                            22.5
                                                                  st.C
                                                                        temp_soil_-30cm
P3374
       ch15@cpu_1:60008
                           016@0010.12.05.09.008
                                                    0x8000
                                                            22.5
                                                                  st.C
                                                                        temp_soil_-50cm
17/07/2017
           13:56:00.0 cpu_1:60010:uc8410iod
S3001
       ch00@cpu 1:60010
                           016@0001.12.04.30.005
                                                    0x8000
                                                            000
                                                                  bit
                                                                      replace|buffer|ready
S3002
       ch01@cpu 1:60010
                           016@0001.12.99.30.005
                                                    0x8000
                                                            1
                                                                bit
                                                                    door status
17/07/2017
           13:55:50.0 cpu_1:64001:pico64d-10
P3390
                           016@0132.12.01.01.002
                                                    0x8000
       ch00@cpu 1:64001
                                                            0.0
                                                                 %
                                                                     0x0000
                                                                              soil moisture
                           016@0132.12.02.01.002
P3391
        ch01@cpu 1:64001
                                                    0x8000
                                                            28.7
                                                                  st.C
                                                                        0x0000
                                                                                 soil temperature
P3392
       ch02@cpu_1:64001
                           016@0132.12.03.01.002
                                                    0x8000
                                                            0.21
                                                                  dS/m
                                                                         0x0000
                                                                                  bulk_conductivity
S3390
       ch03@cpu_1:64001
                           016@0132.12.04.01.002
                                                    0x8000
                                                            0x0000
                                                                     bit
                                                                         status_u16_pico64
```

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```
17/07/2017 13:55:50.0 cpu_1:64002:pico64d-20
                          016@0132.12.01.02.002
P3393
       ch00@cpu_1:64002
                                                 0x8000
                                                         0.0
                                                               % 0x0000 soil_moisture
                          016@0132.12.02.02.002
P3394
       ch01@cpu_1:64002
                                                  0x8000
                                                          28.8
                                                                st.C
                                                                     0x0000 soil_temperature
P3395
       ch02@cpu_1:64002
                          016@0132.12.03.02.002
                                                  0x8000
                                                          0.40
                                                                dS/m
                                                                      0x0000 bulk_conductivity
S3393
       ch03@cpu_1:64002
                          016@0132.12.04.02.002
                                                  0x8000
                                                          0x0000
                                                                  bit
                                                                      status_u16_pico64
17/07/2017 13:55:50.0 cpu 1:64003:pico64d-30
P3396
       ch00@cpu_1:64003
                          016@0132.12.01.03.002
                                                  0x8000
                                                          0.0
                                                               %
                                                                  0x0000 soil moisture
P3397
       ch01@cpu_1:64003
                          016@0132.12.02.03.002
                                                  0x8000
                                                          28.1
                                                                st.C
                                                                     0x0000 soil_temperature
P3398
       ch02@cpu_1:64003
                          016@0132.12.03.03.002
                                                  0x8000
                                                          0.23
                                                                dS/m
                                                                      0x0000 bulk_conductivity
S3396
       ch03@cpu_1:64003
                          016@0132.12.04.03.002
                                                  0x8000
                                                          0x0000 bit
                                                                      status_u16_pico64
          13:56:00.0 cpu_1:64004:spn1d
17/07/2017
P3302
       ch00@cpu_1:64004
                          016@0043.11.01.05.003
                                                  0x8000
                                                          1.0
                                                               W/m2
                                                                      global_solar_radiation
                          016@0043.11.02.05.003
P3303
       ch01@cpu 1:64004
                                                  0x8000
                                                          0.0
                                                               W/m2
                                                                      diffuse solar radiation
                          016@0043.11.08.05.003
P3304
       ch02@cpu 1:64004
                                                  0x8000
                                                          0
                                                             bit sunshine duration
17/07/2017 13:56:00.0 cpu_1:64005:smp11d
P3300
       ch00@cpu 1:64005
                          016@0043.12.01.02.008
                                                 0x8000
                                                         -1.0
                                                               W/m2
                                                                      0x0000
                                                                               global solar radiation
I3101
      ch01@cpu 1:64005
                         016@0043.12.03.02.008
                                                 0x8000
                                                         23.1
                                                               st.C
                                                                     0x0000
                                                                             smp11 body temperature
      ch02@cpu_1:64005
                         016@0043.12.04.02.008
13102
                                                 0008x0
                                                         24.2
                                                               Vdc
                                                                    0x0000
                                                                             smp11_supply_voltage
S3300
      ch03@cpu_1:64005 016@0043.12.05.02.008
                                                 0x8000
                                                         0x0000 bit
                                                                      smp11_status
```

#### #13 - 2017-07-20 18:58 - Jernej Perdan

- % Narejeno se je spremenilo iz 30 v 50

#### 17.07.2017

Opravljena [[Protokol-test II]] in [[Protokol-test III]] za CPU 1 (Moxa)

## #14 - 2017-07-20 19:04 - Jernej Perdan

Narejen op release:

http://pivka.arso.sigov.si/svn/xober\_op\_location/3000\_amws/00008\_M493\_Letalisce\_JP\_Ljubljana/3B00\_ipkg/tags/op/release-00008.0.4.1.1

Nadgrajena plošča z Moxo (CPU\_1)

```
jmd-1(60000)>get jmd

Station
| name : amws
| code : M493
| type : 016
| file : K01
|

`-- CPU_1:172.19.74.196:3000_1000EO800

`--o jmd-1:60000:tcp
|--<> sm:00:cpuref=CPU_0:64101:rvrd-a:enabled:report=enabled
|--<> sm:01:cpuref=CPU_0:64102:rvrd-b:enabled:report=enabled
|--<> sm:03:cpuref=CPU_0:64104:ct25kd-30:enabled:report=enabled
```

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```
|--<> sm:04:cpuref=CPU_0:64105:ptb330d-r:enabled:report=enabled
|--<> sm:05:cpuref=CPU_0:64106:cl31d-12:enabled:report=enabled
|--<> sm:06:cpuref=CPU_0:64107:wmt702d-30:enabled:report=enabled
|--<> sm:07:cpuref=CPU 0:64108:vaa252wav151d-30:enabled:report=enabled
|--<> sm:08:cpuref=CPU_0:64109:hmp155d-r:enabled:report=enabled
|--<> sm:09:cpuref=CPU 0:64110:wmt702d-12:enabled:report=enabled
|--<> sm:10:cpuref=CPU 0:64111:vaa252wav151d-12:enabled:report=enabled
|--<> sm:11:cpuref=CPU 0:64112:mbio120d-ko:enabled:report=enabled
|--<> sm:12:cpuref=CPU_1:60002:hmp155d-p:enabled:report=enabled
|--<> sm:13:cpuref=CPU_1:60004:pluvio2d:enabled:report=enabled
|--<> sm:14:cpuref=CPU_1:60006:lpmd:enabled:report=enabled
|--<> sm:15:cpuref=CPU_1:60007:shm30d:enabled:report=enabled
|--<> sm:16:cpuref=CPU 1:60008:iod:enabled:report=enabled
|--<> sm:17:cpuref=CPU 1:60010:uc8410iod:enabled:report=enabled
|--<> sm:18:cpuref=CPU 1:64001:pico64d-10:enabled:report=enabled
|--<> sm:19:cpuref=CPU 1:64002:pico64d-20:enabled:report=enabled
|--<> sm:20:cpuref=CPU 1:64003:pico64d-30:enabled:report=enabled
|--<> sm:21:cpuref=CPU 1:64004:spn1d:enabled:report=enabled
`--<> sm:22:cpuref=CPU_1:64005:smp11d:enabled:report=enabled
```

#### jmd-1(60000)>get ta 20/07/2017 18:02:45.0 cpu\_0:64101:rvrd-a **Ixxxx** ch03@cpu\_0:64101 016@0180.14.03.01.001 0x0000 U code 0x0000004000000000 vis1\_rvr\_trend\_10min\_period Pxxxx ch04@cpu\_0:64101 016@0180.14.04.01.001 0x0142 2100 m 0x0000004000000000 vis1\_rvr\_1min\_avg **I**xxxx ch05@cpu\_0:64101 016@0180.14.05.01.001 0x0000 10000.0 m 0x0000004000000000 vis1\_mor\_1min\_avg **Ixxxx** ch06@cpu 0:64101 016@0180.14.06.01.001 0x0142 2100 m 0x0000004000000000 vis1 rvr 1min min 10min period ch07@cpu 0:64101 016@0180.14.07.01.001 0x0142 2100 0x0000004000000000 vis1 rvr 1min max 10min period **Pxxxx** ch08@cpu\_0:64101 016@0180.14.08.01.001 0x0142 2100 m 0x0000004000000000 vis1 rvr 10min avg **Ixxxx** ch09@cpu\_0:64101 016@0180.14.09.01.001 0x0000 10369 cd/sqm 0x0000004000000000 Pxxxx vis1\_background\_luminance\_1min\_avg Pxxxx ch10@cpu\_0:64101 016@0180.14.10.01.001 0x0000 100 0x0000004000000000 rwy\_edge\_light\_settings ch11@cpu 0:64101 016@0180.14.11.01.001 0x0000 100 % 0x0000004000000000 rwy center light settings **Ixxxx** ch12@cpu 0:64101 016@0180.14.12.01.001 0x0000 10000 0x0000004000000000 prevailing\_visibility\_1min\_avg **Ixxxx** m ch13@cpu\_0:64101 016@0180.14.13.01.001 0x0000004000000000 prevailing\_visibility\_10min\_avg **Ixxxx** 0x000010000 m ch14@cpu\_0:64101 016@0180.14.14.01.001 0x0000 10000 m 0x0000004000000000 **Ixxxx** minimum instant visibility 10min period ch15@cpu 0:64101 016@0180.14.15.01.001 0x0000004000000000 Ixxxx 0x0000 SF code minimum\_instant\_vis\_direction\_10min\_period **Pxxxx** ch16@cpu 0:64101 016@0180.14.16.01.001 0x0000 0 0x00pw1\_instant\_present\_weather\_code\_wmo\_synop code ch17@cpu\_0:64101 016@0180.14.17.01.001 0 lxxxx 0x0000 code 0x00pw1\_15minute\_pw\_code\_wmo\_synop ch18@cpu\_0:64101 016@0180.14.18.01.001 0 pw1\_1hour\_pw\_code\_wmo\_synop **Ixxxx** 0x0000 code 0x00 ch19@cpu\_0:64101 016@0180.14.19.01.001 **Ixxxx** 0x0000 ////// code 0x00 pw1\_instant\_pw\_code\_wmo\_metar **Ixxxx** ch20@cpu\_0:64101 016@0180.14.20.01.001 0x0000 /////// code 0x00 pw1\_recent\_pw\_code\_wmo\_metar **Pxxxx** ch21@cpu\_0:64101 016@0180.14.21.01.001 0x00a1 0.00 mm/h 0x00 pw1\_precipitation\_water\_intensity 016@0180.14.22.01.001 **I**xxxx ch22@cpu\_0:64101 0x0000 25.44 mm 0x00 pw1\_precipitation\_cumulative\_water 016@0180.14.23.01.001 **Ixxxx** ch23@cpu 0:64101 0x0000 29.2 st.C 0x00 pw1 temperature ch24@cpu 0:64101 016@0180.14.24.01.001 0x0000 Ν 0x0000004000000000 vis2 rvr trend 10min period **Ixxxx** code **Pxxxx** ch25@cpu\_0:64101 016@0180.14.25.01.001 0x0142 2100 0x0000004000000000 vis2\_rvr\_1min\_avg ch26@cpu 0:64101 016@0180.14.26.01.001 0x0000 10000.0 0x0000004000000000 vis2 mor 1min avg **Ixxxx** 016@0180.14.27.01.001 0x0000004000000000 **Ixxxx** ch27@cpu 0:64101 0x01422100 vis2 rvr 1min min 10min period vis2\_rvr\_1min\_max\_10min\_period **Ixxxx** ch28@cpu\_0:64101 016@0180.14.28.01.001 0x0142 2100 m 0x0000004000000000 ch29@cpu\_0:64101 016@0180.14.29.01.001 0x0142 2100 m 0x0000004000000000 vis2\_rvr\_10min\_avg **Ixxxx**

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```
ch30@cpu_0:64101
                          016@0180.14.30.01.001
                                                 0x0000
                                                          10369
                                                                          0x0000004000000000
lxxxx
                                                                 cd/sam
vis2_background_luminance_1min_avg
Ixxxx
      ch31@cpu_0:64101
                          016@0180.14.31.01.001
                                                 0x0000
                                                          0
                                                             code
                                                                   0x00
                                                                          pw2_instant_present_weather_code_wmo_synop
Ixxxx
      ch32@cpu_0:64101
                          016@0180.14.32.01.001
                                                 0x0000
                                                          0
                                                             code
                                                                   0x00
                                                                          pw2_15minute_pw_code_wmo_synop
                          016@0180.14.33.01.001
                                                          0
Ixxxx
      ch33@cpu_0:64101
                                                 0x0000
                                                             code
                                                                   0x00
                                                                          pw2_1hour_pw_code_wmo_synop
Ixxxx
      ch34@cpu 0:64101
                          016@0180.14.34.01.001
                                                 0x0000
                                                          ///////
                                                                code
                                                                      0x00
                                                                             pw2 instant pw code wmo metar
      ch35@cpu 0:64101
                          016@0180.14.35.01.001
                                                 0x0000
                                                          ///////
                                                                code
                                                                      0x00
                                                                             pw2_recent_pw_code_wmo_metar
Ixxxx
      ch36@cpu 0:64101
                          016@0180.14.36.01.001
                                                 0x00a1
                                                          0.00
                                                                       0x00
                                                                             pw2_precipitation_water_intensity
Ixxxx
                                                                mm/h
                                                                             pw2_precipitation_cumulative_water
      ch37@cpu_0:64101
                          016@0180.14.37.01.001
                                                 0x0000
                                                          72.30
                                                                      0x00
Ixxxx
                                                                 mm
      ch38@cpu_0:64101
                          016@0180.14.38.01.001
                                                 0x0000
                                                                     0x00
Ixxxx
                                                          28.6
                                                                st.C
                                                                            pw2_temperature
Ixxxx
      ch39@cpu_0:64101
                          016@0180.14.39.01.001
                                                 0x0000
                                                          Ν
                                                             code
                                                                    0x0000004000000000
                                                                                         vis3_rvr_trend_10min_period
Pxxxx
       ch40@cpu_0:64101
                          016@0180.14.40.01.001
                                                  0x0142
                                                           2100
                                                                 m
                                                                     0x0000004000000000
                                                                                          vis3_rvr_1min_avg
Ixxxx
      ch41@cpu 0:64101
                          016@0180.14.41.01.001
                                                 0x0000
                                                          10000.0
                                                                   m
                                                                       0x0000004000000000
                                                                                            vis3 mor 1min avg
      ch42@cpu 0:64101
                          016@0180.14.42.01.001
                                                 0x0142
                                                          2100
                                                                    0x0000004000000000
                                                                                          vis3 rvr 1min min 10min period
Ixxxx
Ixxxx
      ch43@cpu 0:64101
                          016@0180.14.43.01.001
                                                 0x0142
                                                          2100
                                                                m
                                                                    0x0000004000000000
                                                                                          vis3 rvr 1min max 10min period
      ch44@cpu 0:64101
                          016@0180.14.44.01.001
                                                 0x0142
                                                          2100
                                                                m
                                                                    0x0000004000000000
                                                                                          vis3 rvr 10min avg
Ixxxx
Ixxxx
      ch45@cpu 0:64101
                          016@0180.14.45.01.001
                                                 0x0000
                                                          10497
                                                                 cd/sam
                                                                          0x0000004000000000
vis3_background_luminance_1min_avg
                          016@0180.14.46.01.001
                                                 0x0000
                                                                   0x00
      ch46@cpu_0:64101
                                                          0
                                                                          pw3_instant_present_weather_code_wmo_synop
Ixxxx
                                                             code
                                                          0
                          016@0180.14.47.01.001
                                                 0x0000
                                                                   0x00
lxxxx
      ch47@cpu_0:64101
                                                             code
                                                                          pw3_15minute_pw_code_wmo_synop
                          016@0180.14.48.01.001
      ch48@cpu_0:64101
                                                 0x0000
                                                          0
Ixxxx
                                                             code
                                                                   0x00
                                                                          pw3_1hour_pw_code_wmo_synop
Ixxxx
      ch49@cpu_0:64101
                          016@0180.14.49.01.001
                                                 0x0000
                                                          //////
                                                                code
                                                                      0x00
                                                                             pw3_instant_pw_code_wmo_metar
Ixxxx
      ch50@cpu_0:64101
                          016@0180.14.50.01.001
                                                 0x0000
                                                          //////
                                                                code
                                                                      0x00
                                                                             pw3_recent_pw_code_wmo_metar
Ixxxx
      ch51@cpu_0:64101
                          016@0180.14.51.01.001
                                                 0x00a1
                                                          0.00
                                                                mm/h
                                                                       0x00
                                                                             pw3_precipitation_water_intensity
Ixxxx
      ch52@cpu_0:64101
                          016@0180.14.52.01.001
                                                 0x0000
                                                          25.44
                                                                 mm
                                                                      0x00
                                                                             pw3_precipitation_cumulative_water
Ixxxx
      ch53@cpu_0:64101
                          016@0180.14.53.01.001
                                                 0x0000
                                                          29.2
                                                                st.C
                                                                     0x00
                                                                            pw3_temperature
Sxx1a
       ch54@cpu 0:64101
                           016@0180.14.54.01.001
                                                  0x0000
                                                           0x00000000
                                                                        bit
                                                                            rvr lt31 1a status
Sxx1b
       ch55@cpu 0:64101
                           016@0180.14.55.01.001
                                                  0x0000
                                                           0x00000040
                                                                        bit
                                                                            rvr_lt31_1b_status
                           016@0180.14.56.01.001
                                                  0x0000
                                                           0x00
Sxx1p
       ch56@cpu_0:64101
                                                                 bit
                                                                     rvr pw1 status
       ch57@cpu_0:64101
                           016@0180.14.57.01.001
                                                  0x0000
                                                           0x00000000
                                                                            rvr_lt31_2a_status
Sxx2a
Sxx2b
       ch58@cpu_0:64101
                           016@0180.14.58.01.001
                                                  0x0000
                                                           0x00000040
                                                                            rvr_lt31_2b_status
Sxx2p
       ch59@cpu_0:64101
                           016@0180.14.59.01.001
                                                  0x0000
                                                           0x00
                                                                 bit
                                                                     rvr_pw2_status
Sxx3a
       ch60@cpu 0:64101
                           016@0180.14.60.01.001
                                                  0x0000
                                                           0x00000000
                                                                        bit
                                                                            rvr lt31 3a status
Sxx3b
       ch61@cpu 0:64101
                           016@0180.14.61.01.001
                                                  0x0000
                                                           0x00000040
                                                                        bit rvr lt31 3b status
                           016@0180.14.62.01.001
                                                  0x0000
Sxx3p
       ch62@cpu_0:64101
                                                           0x00
                                                                 bit
                                                                     rvr_pw3_status
20/07/2017 18:02:45.0 cpu 0:64102:rvrd-b
      ch03@cpu 0:64102
                          016@0180.14.03.01.001
                                                 0x0400
                                                          -999
Ixxxx
                                                                      vis1 rvr trend 10min period
                                                                code
                           016@0180.14.04.01.001
Pxxxx
       ch04@cpu 0:64102
                                                  0x0400
                                                           -999
                                                                    vis1 rvr 1min avg
                                                                m
      ch05@cpu_0:64102
                          016@0180.14.05.01.001
                                                 0x0400
                                                          -999
                                                                    vis1_mor_1min_avg
Ixxxx
                                                                m
      ch06@cpu 0:64102
                          016@0180.14.06.01.001
                                                 0x0400
                                                          -999
                                                                    vis1 rvr 1min min 10min period
Ixxxx
                                                                m
Pxxxx
       ch07@cpu_0:64102
                          016@0180.14.07.01.001
                                                  0x0400
                                                           -999
                                                                m
                                                                    vis1_rvr_1min_max_10min_period
      ch08@cpu_0:64102
                          016@0180.14.08.01.001
                                                                    Ixxxx
                                                 0x0400
                                                          -999
                                                                m
                                                                                 vis1_rvr_10min_avg
                          016@0180.14.09.01.001
Pxxxx
       ch09@cpu_0:64102
                                                  0x0400
                                                           -999
                                                                cd/sqm 0x///////// vis1_background_luminance_1min_avg
Pxxxx
       ch10@cpu_0:64102
                           016@0180.14.10.01.001
                                                  0x0400
                                                           -999
                                                                 %
                                                                    rwy_edge_light_settings
      ch11@cpu_0:64102
                          016@0180.14.11.01.001
                                                 0x0400
                                                          -999
                                                                %
                                                                    rwy_center_light_settings
Ixxxx
Ixxxx
      ch12@cpu_0:64102
                          016@0180.14.12.01.001
                                                 0x0400
                                                          -999
                                                                m
                                                                    prevailing_visibility_1min_avg
Ixxxx
      ch13@cpu 0:64102
                          016@0180.14.13.01.001
                                                 0x0400
                                                          -999
                                                                    prevailing visibility 10min avg
                                                                m
      ch14@cpu 0:64102
                          016@0180.14.14.01.001
                                                 0x0400
                                                          -999
                                                                    minimum_instant_visibility_10min_period
Ixxxx
                                                                m
Ixxxx
      ch15@cpu_0:64102
                          016@0180.14.15.01.001
                                                 0x0400
                                                          -999
                                                                code
                                                                      minimum instant vis direction 10min period
Pxxxx
       ch16@cpu 0:64102
                           016@0180.14.16.01.001
                                                  0x0400
                                                           -999
                                                                code
                                                                       0x//
                                                                            pw1 instant present weather code wmo synop
Ixxxx
      ch17@cpu_0:64102
                          016@0180.14.17.01.001
                                                 0x0400
                                                          -999
                                                                code
                                                                      0x//
                                                                            pw1_15minute_pw_code_wmo_synop
lxxxx
      ch18@cpu_0:64102
                          016@0180.14.18.01.001
                                                 0x0400
                                                          -999
                                                                code
                                                                      0x//
                                                                           pw1_1hour_pw_code_wmo_synop
```

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```
ch19@cpu_0:64102
                          016@0180.14.19.01.001
                                                  0x0400
lxxxx
                                                           -999
                                                                 code
                                                                       0x//
                                                                             pw1_instant_pw_code_wmo_metar
Ixxxx
      ch20@cpu_0:64102
                          016@0180.14.20.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                             pw1_recent_pw_code_wmo_metar
Pxxxx
       ch21@cpu_0:64102
                           016@0180.14.21.01.001
                                                   0x0400
                                                            -99.99
                                                                    mm/h
                                                                          0x//
                                                                                pw1_precipitation_water_intensity
Ixxxx
      ch22@cpu_0:64102
                          016@0180.14.22.01.001
                                                  0x0400
                                                           -99.99
                                                                   mm
                                                                        0x//
                                                                              pw1_precipitation_cumulative_water
                          016@0180.14.23.01.001
Ixxxx
      ch23@cpu_0:64102
                                                  0x0400
                                                           -99.9
                                                                 st.C
                                                                       0x//
                                                                             pw1_temperature
Ixxxx
      ch24@cpu 0:64102
                          016@0180.14.24.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       vis2 rvr trend 10min period
Pxxxx
       ch25@cpu 0:64102
                           016@0180.14.25.01.001
                                                   0x0400
                                                            -999
                                                                      vis2 rvr 1min avg
      ch26@cpu 0:64102
                          016@0180.14.26.01.001
                                                  0x0400
                                                           -999
                                                                     vis2_mor_1min_avg
Ixxxx
      ch27@cpu_0:64102
                          016@0180.14.27.01.001
                                                  0x0400
                                                           -999
                                                                                  vis2_rvr_1min_min_10min_period
Ixxxx
                                                                     016@0180.14.28.01.001
                                                  0x0400
                                                                                  vis2_rvr_1min_max_10min_period
Ixxxx
      ch28@cpu_0:64102
                                                           -999
                                                                 m
                                                                     Ixxxx
      ch29@cpu_0:64102
                          016@0180.14.29.01.001
                                                  0x0400
                                                           -999
                                                                 m
                                                                     0x/////////////
                                                                                  vis2_rvr_10min_avg
lxxxx
      ch30@cpu_0:64102
                          016@0180.14.30.01.001
                                                  0x0400
                                                           -999
                                                                 cd/sqm
                                                                         0x////////// vis2_background_luminance_1min_avg
Ixxxx
      ch31@cpu 0:64102
                          016@0180.14.31.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                             pw2 instant present weather code wmo synop
Ixxxx
      ch32@cpu 0:64102
                          016@0180.14.32.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                        \Omega x / /
                                                                             pw2 15minute pw code wmo synop
Ixxxx
      ch33@cpu 0:64102
                          016@0180.14.33.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                             pw2_1hour_pw_code_wmo_synop
      ch34@cpu 0:64102
                          016@0180.14.34.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                             pw2 instant pw code wmo metar
Ixxxx
lxxxx
      ch35@cpu 0:64102
                          016@0180.14.35.01.001
                                                  0x0400
                                                           -999
                                                                       0x//
                                                                             pw2_recent_pw_code_wmo_metar
                                                                 code
                                                                          0x//
Ixxxx
      ch36@cpu_0:64102
                          016@0180.14.36.01.001
                                                  0x0400
                                                           -99.99
                                                                   mm/h
                                                                               pw2_precipitation_water_intensity
                                                           -99.99
Ixxxx
      ch37@cpu_0:64102
                          016@0180.14.37.01.001
                                                  0x0400
                                                                        0x//
                                                                              pw2_precipitation_cumulative_water
                                                                   mm
                          016@0180.14.38.01.001
                                                  0x0400
                                                           -99 9
                                                                 st.C
lxxxx
      ch38@cpu_0:64102
                                                                       0x//
                                                                             pw2_temperature
      ch39@cpu_0:64102
                                                  0x0400
                                                                       0x///////////
                                                                                    vis3_rvr_trend_10min_period
Ixxxx
                          016@0180.14.39.01.001
                                                           -999
                                                                 code
Pxxxx
       ch40@cpu_0:64102
                           016@0180.14.40.01.001
                                                   0x0400
                                                            -999
                                                                  m
                                                                      vis3_rvr_1min_avg
Ixxxx
      ch41@cpu_0:64102
                          016@0180.14.41.01.001
                                                  0x0400
                                                           -999
                                                                 m
                                                                     vis3_mor_1min_avg
Ixxxx
      ch42@cpu_0:64102
                          016@0180.14.42.01.001
                                                  0x0400
                                                           -999
                                                                 m
                                                                     vis3_rvr_1min_min_10min_period
Ixxxx
      ch43@cpu_0:64102
                          016@0180.14.43.01.001
                                                  0x0400
                                                           -999
                                                                 m
                                                                     0x/////////////
                                                                                  vis3_rvr_1min_max_10min_period
Ixxxx
      ch44@cpu_0:64102
                          016@0180.14.44.01.001
                                                  0x0400
                                                           -999
                                                                 m
                                                                     vis3_rvr_10min_avg
Ixxxx
      ch45@cpu 0:64102
                          016@0180.14.45.01.001
                                                  0x0400
                                                           -999
                                                                 cd/sqm
                                                                         0x///////// vis3 background luminance 1min avg
      ch46@cpu_0:64102
                          016@0180.14.46.01.001
                                                  0x0400
                                                           -999
                                                                             pw3_instant_present_weather_code_wmo_synop
Ixxxx
                                                                 code
      ch47@cpu_0:64102
                          016@0180.14.47.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                        0x//
Ixxxx
                                                                             pw3_15minute_pw_code_wmo_synop
      ch48@cpu_0:64102
                          016@0180.14.48.01.001
                                                  0x0400
                                                           -999
Ixxxx
                                                                 code
                                                                       0x//
                                                                             pw3_1hour_pw_code_wmo_synop
Ixxxx
      ch49@cpu_0:64102
                          016@0180.14.49.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                             pw3_instant_pw_code_wmo_metar
lxxxx
      ch50@cpu_0:64102
                          016@0180.14.50.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                             pw3_recent_pw_code_wmo_metar
      ch51@cpu 0:64102
                          016@0180.14.51.01.001
                                                  0x0400
                                                           -99.99
                                                                               pw3 precipitation water intensity
Ixxxx
                                                                   mm/h
      ch52@cpu 0:64102
                          016@0180.14.52.01.001
                                                  0x0400
                                                           -99.99
                                                                             pw3_precipitation_cumulative_water
Ixxxx
                                                                   mm
                                                                        0x//
                          016@0180.14.53.01.001
                                                                 st.C
Ixxxx
      ch53@cpu_0:64102
                                                  0x0400
                                                           -99.9
                                                                       0x//
                                                                            pw3_temperature
                           016@0180.14.54.01.001
                                                   0x0400
                                                            -999
                                                                  bit
Sxx1a
       ch54@cpu_0:64102
                                                                      rvr_lt31_1a_status
Sxx1b
                                                   0x0400
       ch55@cpu 0:64102
                           016@0180.14.55.01.001
                                                            -999
                                                                  bit
                                                                       rvr lt31 1b status
Sxx1p
       ch56@cpu 0:64102
                           016@0180.14.56.01.001
                                                   0x0400
                                                            -999
                                                                  hit
                                                                      rvr_pw1_status
Sxx2a
                           016@0180.14.57.01.001
                                                   0x0400
                                                            -999
       ch57@cpu_0:64102
                                                                  bit
                                                                       rvr_lt31_2a_status
Sxx2h
       ch58@cpu 0:64102
                           016@0180.14.58.01.001
                                                   0x0400
                                                            -999
                                                                       rvr_lt31_2b_status
                                                                  hit
Sxx2p
       ch59@cpu_0:64102
                           016@0180.14.59.01.001
                                                   0x0400
                                                            -999
                                                                  bit
                                                                       rvr_pw2_status
                           016@0180.14.60.01.001
Sxx3a
       ch60@cpu_0:64102
                                                   0x0400
                                                            -999
                                                                  bit
                                                                       rvr_lt31_3a_status
                           016@0180.14.61.01.001
Sxx3b
       ch61@cpu_0:64102
                                                   0x0400
                                                            -999
                                                                  bit
                                                                       rvr_lt31_3b_status
Sxx3p
       ch62@cpu_0:64102
                           016@0180.14.62.01.001
                                                   0x0400
                                                            -999
                                                                  bit
                                                                      rvr_pw3_status
20/07/2017
           18:02:50.0 cpu_0:64103:ptb330d-p
P3090
       ch00@cpu_0:64103
                           016@0047.12.01.01.002
                                                   0x0000
                                                            976.95
                                                                    hPa
                                                                          0x0000001
                                                                                       air_pressure_Pavg
P3091
       ch01@cpu 0:64103
                           016@0047.12.02.01.002
                                                   0x0000
                                                            -0.41
                                                                   hPa
                                                                        0x0000001
                                                                                      air pressure 3hTrend
                                                            7
P3092
       ch02@cpu 0:64103
                           016@0047.12.03.01.002
                                                    0x0000
                                                                  0x0000001
                                                                               air pressure 3hTendency
S3090
       ch03@cpu_0:64103
                           016@0047.12.17.01.002
                                                   0x0000
                                                            0x0000001
                                                                             status u32 ptb330
20/07/2017
           18:02:30.0
                       cpu 0:64104:ct25kd-30
P3250
       ch00@cpu 0:64104
                           016@0186.12.00.01.001
                                                   0x0000
                                                               code
                                                                      ///
                                                                          ft
                                                                             0
                                                                                code
                                                                                       ///
                                                                                             0
                                                                                                 code
                                                                                                                  code
  0x00000000 ceilometer_cloud_layers
P3251
       ch01@cpu_0:64104
                           016@0186.12.01.01.001
                                                   0x0000
                                                            0
                                                               code
                                                                      0x00000000
                                                                                   cloud_amount_1st_layer
```

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```
ch02@cpu_0:64104
P3252
                            016@0186.12.02.01.001
                                                    0x0000
                                                                 ft
                                                             ///
                                                                    0x00000000
                                                                                 height_1st_cloud_layer_ft
P3253
        ch03@cpu_0:64104
                            016@0186.12.03.01.001
                                                    0x0000
                                                             ///
                                                                 m
                                                                     0x00000000
                                                                                  height_1st_cloud_layer_m
P3254
        ch04@cpu_0:64104
                            016@0186.12.04.01.001
                                                    0x0000
                                                             0
                                                                code
                                                                      0x00000000
                                                                                   cloud_amount_2nd_layer
P3255
        ch05@cpu_0:64104
                            016@0186.12.05.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x00000000
                                                                                 height_2nd_cloud_layer_ft
                            016@0186.12.06.01.001
P3256
        ch06@cpu_0:64104
                                                    0x0000
                                                             ///
                                                                 m
                                                                     0x00000000
                                                                                  height_2nd_cloud_layer_m
P3257
        ch07@cpu 0:64104
                            016@0186.12.07.01.001
                                                    0x0000
                                                             0
                                                                       0x00000000
                                                                                    cloud amount 3rd layer
P3258
        ch08@cpu_0:64104
                            016@0186.12.08.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x0000000
                                                                                 height_3rd_cloud_layer_ft
P3259
        ch09@cpu_0:64104
                            016@0186.12.09.01.001
                                                    0x0000
                                                             ///
                                                                     0x00000000
                                                                                  height_3rd_cloud_layer_m
                                                                 m
P3260
        ch10@cpu_0:64104
                            016@0186.12.10.01.001
                                                    0x0000
                                                             0
                                                                       0x00000000
                                                                                    cloud_amount_4th_layer
P3261
                            016@0186.12.11.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x00000000
                                                                                 height_4th_cloud_layer_ft
        ch11@cpu_0:64104
P3262
       ch12@cpu_0:64104
                            016@0186.12.12.01.001
                                                    0x0000
                                                             ///
                                                                     0x0000000
                                                                                  height_4th_cloud_layer_m
S3250
        ch13@cpu_0:64104
                            016@0186.12.13.01.001
                                                    0x0000
                                                             0x00000000
                                                                          bit
                                                                              status_cl31
20/07/2017
            18:02:50.0 cpu 0:64105:ptb330d-r
P3090
       ch00@cpu 0:64105
                            016@0047.12.01.01.002
                                                    0x0000
                                                             976.96
                                                                     hPa
                                                                           0x00000001
                                                                                        air pressure Pavg
P3091
        ch01@cpu 0:64105
                            016@0047.12.02.01.002
                                                    0x0000
                                                                   hPa
                                                                         0x0000001
                                                                                      air pressure 3hTrend
P3092
        ch02@cpu 0:64105
                            016@0047.12.03.01.002
                                                    0x0000
                                                             7
                                                                   0x0000001
                                                                                air pressure 3hTendency
                                                                              status_u32_ptb330
S3090
       ch03@cpu_0:64105
                            016@0047.12.17.01.002
                                                    0x0000
                                                             0x0000001
                                                                          bit
20/07/2017
            18:02:30.0 cpu_0:64106:cl31d-12
P3250
                           016@0186.12.00.01.001
                                                    0x0000
       ch00@cpu_0:64106
                                                             0
                                                                       ///
                                                                          ft
                                                                              0
                                                                                 code
                                                                                       ///
                                                                                            ft 0
                                                                                                  code
                                                                                                        ///
                                                                                                             ft
                                                                                                                0
                                                                                                                   code
                                                                                                                          ///
                                                                code
ft 0x00000000 ceilometer_cloud_layers
                                                    0x0000
P3251
                            016@0186.12.01.01.001
                                                                      0x00000000
                                                                                    cloud_amount_1st_layer
       ch01@cpu_0:64106
                                                             0
                                                                code
P3252
       ch02@cpu_0:64106
                            016@0186.12.02.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x00000000
                                                                                 height_1st_cloud_layer_ft
P3253
                           016@0186.12.03.01.001
       ch03@cpu_0:64106
                                                    0x0000
                                                             ///
                                                                 m
                                                                     0x0000000
                                                                                  height_1st_cloud_layer_m
P3254
        ch04@cpu_0:64106
                            016@0186.12.04.01.001
                                                    0x0000
                                                             0
                                                                      0x00000000
                                                                                    cloud_amount_2nd_layer
P3255
        ch05@cpu_0:64106
                            016@0186.12.05.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x00000000
                                                                                 height_2nd_cloud_layer_ft
P3256
        ch06@cpu_0:64106
                            016@0186.12.06.01.001
                                                    0x0000
                                                             ///
                                                                 m
                                                                     0x00000000
                                                                                  height_2nd_cloud_layer_m
P3257
        ch07@cpu 0:64106
                            016@0186.12.07.01.001
                                                    0x0000
                                                             0
                                                                       0x0000000
                                                                                    cloud amount 3rd layer
P3258
        ch08@cpu_0:64106
                            016@0186.12.08.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x0000000
                                                                                 height_3rd_cloud_layer_ft
P3259
        ch09@cpu_0:64106
                            016@0186.12.09.01.001
                                                    0x0000
                                                             ///
                                                                     0x00000000
                                                                                  height_3rd_cloud_layer_m
                                                                 m
P3260
        ch10@cpu_0:64106
                            016@0186.12.10.01.001
                                                    0x0000
                                                             0
                                                                       0x0000000
                                                                                    cloud_amount_4th_layer
                                                                code
P3261
        ch11@cpu_0:64106
                            016@0186.12.11.01.001
                                                    0x0000
                                                             ///
                                                                 ft
                                                                    0x0000000
                                                                                 height_4th_cloud_layer_ft
P3262
       ch12@cpu_0:64106
                            016@0186.12.12.01.001
                                                    0x0000
                                                             ///
                                                                 m
                                                                     0x0000000
                                                                                  height_4th_cloud_layer_m
S3250
       ch13@cpu_0:64106
                           016@0186.12.13.01.001
                                                    0x0000
                                                             0x00000000
                                                                          bit
                                                                              status cl31
20/07/2017
            18:02:53.0 cpu_0:64107:wmt702d-30
P3180
                            016@0100.12.00.02.003
       ch00@cpu_0:64107
                                                    0x0000
                                                             -99.99
                                                                     n
                                                                        0x00a0
                                                                                 wind_processed
13001
                           016@0100.12.01.02.003
                                                   0x0000
                                                            067
                                                                       0x00a0
       ch01@cpu_0:64107
                                                                  dea
                                                                                wind_direction_3s_avg
13002
                                                   0x0000
       ch02@cpu 0:64107
                           016@0100.12.02.02.003
                                                            0.32
                                                                  m/s
                                                                        0x00a0
                                                                                wind speed 3s avg
                                                   0x0000
13003
       ch03@cpu_0:64107
                           016@0100.12.03.02.003
                                                            -0.14
                                                                        0x00a0
                                                                   m/s
                                                                                 wind_speed_avg_x
13004
       ch04@cpu_0:64107
                           016@0100.12.04.02.003
                                                   0x0000
                                                            -0.18
                                                                        0x00a0
                                                                   m/s
                                                                                 wind_speed_avg_y
13005
       ch05@cpu_0:64107
                           016@0100.12.05.02.003
                                                   0x0000
                                                            0.00
                                                                        0x00a0
                                                                                wind speed min
                                                                  m/s
13006
       ch06@cpu_0:64107
                           016@0100.12.06.02.003
                                                   0x0000
                                                            0.57
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_peak
13007
                           016@0100.12.07.02.003
                                                   0x0000
       ch07@cpu_0:64107
                                                            0.35
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_gust
13008
       ch08@cpu_0:64107
                           016@0100.12.08.02.003
                                                   0x0000
                                                            0.27
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_lull
13009
       ch09@cpu_0:64107
                           016@0100.12.09.02.003
                                                   0x0000
                                                            180
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_max
13010
       ch10@cpu_0:64107
                           016@0100.12.10.02.003
                                                   0x0000
                                                            003
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_min
                           016@0100.12.11.02.003
13011
       ch11@cpu_0:64107
                                                   0x0000
                                                            105
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_at_wind_peak
13012
       ch12@cpu 0:64107
                           016@0100.12.12.02.003
                                                   0x0000
                                                               n
                                                                   0x00a0
                                                                           signal quality rg
                                                            1
S3180
       ch19@cpu 0:64107
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x00a0
                                                                      bit
                                                                          status wmt702
20/07/2017
           18:02:53.0 cpu_0:64108:vaa252wav151d-30
P3180
                            016@0100.12.00.02.003
                                                    0x0000
                                                                        0x00a0
       ch00@cpu 0:64108
                                                             -99.99
                                                                     n
                                                                                 wind processed
13001
       ch01@cpu 0:64108
                           016@0100.12.01.02.003
                                                   0x0000
                                                            067
                                                                  deg
                                                                       0x00a0
                                                                                wind direction 3s avg
13002
       ch02@cpu_0:64108
                           016@0100.12.02.02.003
                                                   0x0000
                                                            0.32
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_3s_avg
13003
       ch03@cpu_0:64108
                           016@0100.12.03.02.003
                                                   0x0000
                                                            -0.14
                                                                   m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_x
```

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```
0x00a0
13004
       ch04@cpu_0:64108
                           016@0100.12.04.02.003
                                                   0x0000
                                                            -0.18
                                                                   m/s
                                                                                 wind_speed_avg_y
       ch05@cpu_0:64108
                           016@0100.12.05.02.003
13005
                                                   0x0000
                                                            0.00
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_min
                           016@0100.12.06.02.003
13006
       ch06@cpu_0:64108
                                                   0x0000
                                                            0.57
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_peak
                                                                        0x00a0
13007
       ch07@cpu_0:64108
                           016@0100.12.07.02.003
                                                   0x0000
                                                            0.35
                                                                  m/s
                                                                                wind_speed_gust
13008
                           016@0100.12.08.02.003
       ch08@cpu_0:64108
                                                   0x0000
                                                            0.27
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_lull
13009
       ch09@cpu 0:64108
                           016@0100.12.09.02.003
                                                   0x0000
                                                            180
                                                                  deg
                                                                       0x00a0
                                                                                wind direction max
13010
       ch10@cpu 0:64108
                           016@0100.12.10.02.003
                                                   0x0000
                                                            003
                                                                  deg
                                                                       0x00a0
                                                                                wind direction min
13011
       ch11@cpu 0:64108
                           016@0100.12.11.02.003
                                                   0x0000
                                                            105
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_at_wind_peak
13012
       ch12@cpu_0:64108
                           016@0100.12.12.02.003
                                                   0x0000
                                                                   0x00a0
                                                                            signal_quality_rg
                                                            1
S3180
       ch19@cpu_0:64108
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x00a0
                                                                          status wmt702
                       cpu_0:64109:hmp155d-r
20/07/2017
            18:02:50.0
P3050
       ch07@cpu_0:64109
                            016@0035.12.01.22.002
                                                    0x0000
                                                             56
                                                                 %RH
                                                                        0x0002
                                                                                 rel_humidity
P3011
       ch08@cpu 0:64109
                            016@0035.12.03.22.002
                                                    0x0000
                                                             22.5
                                                                   st.C
                                                                         0x0002
                                                                                  temp air additional Ta
P3052
        ch09@cpu 0:64109
                            016@0035.12.04.22.002
                                                    0x0000
                                                             13.2
                                                                   st.C
                                                                         0x0002
                                                                                  temp dewpoint TD
13023
       ch10@cpu_0:64109
                           016@0035.12.05.22.002
                                                   0x0000
                                                            13.2
                                                                  st.C
                                                                        0x0002
                                                                                 temp dewpoint FTD
13024
       ch11@cpu 0:64109
                           016@0035.12.06.22.002
                                                   0x0000
                                                            9.500
                                                                         0x0002
                                                                                  mixing_ratio_x
                                                                   g/kg
P3051
       ch12@cpu 0:64109
                            016@0035.12.07.22.002
                                                    0x0000
                                                             16.7
                                                                   st.C
                                                                         0x0002
                                                                                  temp wetbulb Tw
                                                    0x0000
S3050
       ch13@cpu_0:64109
                            016@0035.12.08.22.002
                                                             0x0002
                                                                     bit
                                                                          status u16 hmp155
20/07/2017
            18:02:53.0 cpu_0:64110:wmt702d-12
                                                    0x0000
P3180
       ch00@cpu_0:64110
                            016@0100.12.00.02.003
                                                             -99 99
                                                                        0x00a0
                                                                                 wind_processed
                                                                     n
13001
       ch01@cpu_0:64110
                           016@0100.12.01.02.003
                                                   0x0000
                                                            067
                                                                       0x00a0
                                                                  deg
                                                                                wind_direction_3s_avg
13002
       ch02@cpu_0:64110
                           016@0100.12.02.02.003
                                                   0x0000
                                                            0.32
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_3s_avg
                           016@0100.12.03.02.003
                                                   0x0000
13003
       ch03@cpu_0:64110
                                                            -0.14
                                                                   m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_x
13004
       ch04@cpu_0:64110
                           016@0100.12.04.02.003
                                                   0x0000
                                                            -0.18
                                                                   m/s
                                                                        0x00a0
                                                                                 wind_speed_avg_y
13005
       ch05@cpu_0:64110
                           016@0100.12.05.02.003
                                                   0x0000
                                                            0.00
                                                                  m/s
                                                                        0x00a0
                                                                                 wind_speed_min
13006
       ch06@cpu_0:64110
                           016@0100.12.06.02.003
                                                   0x0000
                                                            0.57
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_peak
13007
       ch07@cpu 0:64110
                           016@0100.12.07.02.003
                                                   0x0000
                                                            0.35
                                                                  m/s
                                                                        0x00a0
                                                                                wind speed gust
13008
       ch08@cpu_0:64110
                           016@0100.12.08.02.003
                                                   0x0000
                                                            0.27
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_lull
13009
       ch09@cpu_0:64110
                           016@0100.12.09.02.003
                                                   0x0000
                                                            180
                                                                       0x00a0
                                                                                wind_direction_max
                                                                  deg
13010
       ch10@cpu_0:64110
                           016@0100.12.10.02.003
                                                   0x0000
                                                                       0x00a0
                                                            003
                                                                  deg
                                                                                wind_direction_min
13011
       ch11@cpu_0:64110
                           016@0100.12.11.02.003
                                                   0x0000
                                                            105
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_at_wind_peak
13012
       ch12@cpu_0:64110
                           016@0100.12.12.02.003
                                                   0x0000
                                                            1
                                                                   0x00a0
                                                                            signal_quality_rg
                                                               n
S3180
       ch19@cpu 0:64110
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x00a0
                                                                      bit
                                                                          status wmt702
20/07/2017
            18:02:53.0 cpu 0:64111:vaa252wav151d-12
P3180
                            016@0100.12.00.02.003
                                                    0x0000
                                                                        0x00a0
       ch00@cpu_0:64111
                                                             -99.99
                                                                     n
                                                                                 wind_processed
13001
       ch01@cpu_0:64111
                           016@0100.12.01.02.003
                                                   0x0000
                                                            067
                                                                       0x00a0
                                                                                wind_direction_3s_avg
                                                                  dea
13002
       ch02@cpu 0:64111
                           016@0100.12.02.02.003
                                                   0x0000
                                                            0.32
                                                                        0x00a0
                                                                  m/s
                                                                                 wind speed 3s avg
13003
                                                   0x0000
                                                                        0x00a0
       ch03@cpu_0:64111
                           016@0100.12.03.02.003
                                                            -0.14
                                                                                 wind_speed_avg_x
                                                                   m/s
13004
       ch04@cpu_0:64111
                           016@0100.12.04.02.003
                                                   0x0000
                                                            -0.18
                                                                        0x00a0
                                                                   m/s
                                                                                 wind_speed_avg_y
13005
       ch05@cpu_0:64111
                           016@0100.12.05.02.003
                                                   0x0000
                                                            0.00
                                                                        0x00a0
                                                                                 wind speed min
                                                                  m/s
                           016@0100.12.06.02.003
13006
       ch06@cpu_0:64111
                                                   0x0000
                                                            0.57
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_peak
13007
       ch07@cpu_0:64111
                           016@0100.12.07.02.003
                                                   0x0000
                                                                        0x00a0
                                                            0.35
                                                                  m/s
                                                                                wind_speed_gust
13008
       ch08@cpu_0:64111
                           016@0100.12.08.02.003
                                                   0x0000
                                                            0.27
                                                                  m/s
                                                                        0x00a0
                                                                                wind_speed_lull
13009
       ch09@cpu_0:64111
                           016@0100.12.09.02.003
                                                   0x0000
                                                            180
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_max
13010
       ch10@cpu_0:64111
                           016@0100.12.10.02.003
                                                   0x0000
                                                            003
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_min
13011
                           016@0100.12.11.02.003
       ch11@cpu_0:64111
                                                   0x0000
                                                            105
                                                                  deg
                                                                       0x00a0
                                                                                wind_direction_at_wind_peak
                           016@0100.12.12.02.003
13012
       ch12@cpu 0:64111
                                                   0x0000
                                                            1
                                                               n
                                                                   0x00a0
                                                                            signal quality rg
S3180
       ch19@cpu 0:64111
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x00a0
                                                                      bit
                                                                          status wmt702
20/07/2017
            18:02:50.0 cpu_0:64112:mbio120d-ko
P4070
                            016@0001.12.01.97.004
                                                    0x0000
       ch04@cpu 0:64112
                                                             24.6
                                                                   ٧
                                                                      dc voltage
P4014
        ch05@cpu 0:64112
                            016@0001.12.02.97.004
                                                    0x0000
                                                             23.8
                                                                   st.C
                                                                         ams temperature
P4035
        ch06@cpu_0:64112
                            016@0001.12.03.97.004
                                                    0x0000
                                                             49
                                                                 %rH
                                                                       ams_rel_humidity
S4001
       ch07@cpu_0:64112
                            016@0001.12.99.97.004
                                                    0x0000
                                                             1
                                                                Din
                                                                     door_status
```

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```
20/07/2017
           18:02:50.0 cpu 1:60002:hmp155d-p
P3045
       ch00@cpu_1:60002
                           016@0035.12.01.22.002
                                                    0x8000
                                                             49
                                                                 %RH
                                                                        0x0002
                                                                                 rel humidity
P3010
       ch01@cpu_1:60002
                            016@0035.12.03.22.002
                                                    0x8000
                                                             27.1
                                                                   st.C
                                                                         0x0002
                                                                                 temp_air_additional_Ta
P3047
       ch02@cpu_1:60002
                           016@0035.12.04.22.002
                                                    0x8000
                                                             15.4
                                                                   st.C
                                                                         0x0002
                                                                                 temp_dewpoint_TD
                           016@0035.12.05.22.002
13021
       ch03@cpu_1:60002
                                                   0x8000
                                                            15.4
                                                                  st.C
                                                                        0x0002
                                                                                temp_dewpoint_FTD
13022
       ch04@cpu 1:60002
                           016@0035.12.06.22.002
                                                   0x8000
                                                            11.000
                                                                          0x0002
                                                                                   mixing ratio x
                                                                    a/ka
P3046
       ch05@cpu 1:60002
                            016@0035.12.07.22.002
                                                    0x8000
                                                             19.5
                                                                   st.C
                                                                         0x0002
                                                                                 temp wetbulb Tw
S3045
       ch06@cpu 1:60002
                            016@0035.12.08.22.002
                                                    0x8000
                                                             0x0002
                                                                     bit
                                                                          status_u16_hmp155
20/07/2017
           18:02:00.0 cpu_1:60004:pluvio2d
P3120
       ch03@cpu_1:60004
                            016@0120.12.04.04.012
                                                    0x8000
                                                                        0x00000000
                                                             0.00
                                                                   mm
                                                                                     acumulated_total_NRT
                            016@0120.12.06.04.012
                                                             256.43
P3121
       ch05@cpu_1:60004
                                                    0x8000
                                                                     mm
                                                                          0x00000000
                                                                                        bucket_NRT
13045
       ch06@cpu_1:60004
                           016@0120.12.07.04.012
                                                   0x8000
                                                            30.9
                                                                  st.C
                                                                        0x00000000
                                                                                     temperature_load_cell
13046
       ch07@cpu 1:60004
                           016@0120.12.08.04.012
                                                   0x8000
                                                            30.4
                                                                  st.C
                                                                        0x00000000
                                                                                     temperature electronics unit
13047
       ch08@cpu 1:60004
                           016@0120.12.09.04.012
                                                   0x8000
                                                            24.1
                                                                  V
                                                                      0x00000000
                                                                                   power supply
13048
       ch09@cpu 1:60004
                           016@0120.12.10.04.012
                                                   0x8000
                                                            28.7
                                                                  st.C
                                                                        0x0000000
                                                                                     temperature orifice ring rim
S3120
       ch10@cpu 1:60004
                            016@0120.12.11.04.012
                                                    0x8000
                                                             0x0000
                                                                          status heating
                                                                     bit
S3121
       ch11@cpu 1:60004
                            016@0120.12.12.04.012
                                                    0x8000
                                                             0x0000
                                                                     bit
                                                                          status pluvio2
20/07/2017
           18:02:00.0 cpu 1:60006:lpmd
                                                    0x8000
P3124
                           016@0123.12.02.06.001
       ch01@cpu_1:60006
                                                             0.000
                                                                           0x0000
                                                                                    5min_intensity
                                                                    mm/h
P3125
                            016@0123.12.03.06.001
                                                    0x8000
       ch02@cpu_1:60006
                                                             0.20
                                                                        0x0000
                                                                                 precipitation_amount
                                                                   mm
P3126
                            016@0123.12.04.06.001
                                                                                5min_SYNOP_tab4680
       ch03@cpu_1:60006
                                                    0x8000
                                                             00
                                                                 code
                                                                       0x0000
P3127
       ch07@cpu_1:60006
                           016@0123.12.08.06.001
                                                    0x8000
                                                             -9.9
                                                                  dBz
                                                                        0x0000
                                                                                 1min_radar_reflectivity
                           016@0123.12.11.06.001
       ch10@cpu_1:60006
13066
                                                   0008x0
                                                            4011
                                                                  mV
                                                                        0x0000
                                                                                control_voltage
                           016@0123.12.12.06.001
13067
       ch11@cpu_1:60006
                                                   0x8000
                                                            28.2
                                                                  st.C
                                                                        0x0000
                                                                                ambient_T
S3124
       ch12@cpu_1:60006
                           016@0123.12.13.06.001
                                                    0x8000
                                                             0x0000
                                                                     bit
                                                                          LPM_status
20/07/2017
           18:02:30.0 cpu_1:60007:shm30d
P3150
       ch00@cpu 1:60007
                            016@0126.11.01.06.001
                                                    0x8001
                                                             -0.1
                                                                  cm
                                                                       0x0000
                                                                                snow depth
P3151
        ch01@cpu_1:60007
                            016@0126.11.02.06.001
                                                    0x8000
                                                             1.805
                                                                       0x0000
                                                                                signal strength
13071
                           016@0126.11.03.06.001
                                                   0x8000
                                                            35.0
                                                                  st.C
       ch02@cpu_1:60007
                                                                        0x0000
                                                                                temperature
S3150
       ch03@cpu_1:60007
                            016@0126.11.04.06.001
                                                    0x8000
                                                             0x0000
                                                                          status shm30
                                                                     bit
                       cpu_1:60008:iod
20/07/2017
            18:02:50.0
P3129
       ch00@cpu_1:60008
                            016@0120.12.01.03.001
                                                    0x8000
                                                             0
                                                                bit
                                                                    precipitation_duration
P3005
       ch08@cpu 1:60008
                            016@0001.12.02.30.011
                                                    0x8000
                                                             34.9
                                                                   st.C
                                                                         Tair 1000EO800
P3370
       ch11@cpu 1:60008
                            016@0010.12.05.05.008
                                                    0x8000
                                                             31.3
                                                                   st.C
                                                                         temp_soil_-5cm
       ch12@cpu_1:60008
                            016@0010.12.05.06.008
P3371
                                                    0x8000
                                                             30.1
                                                                   st.C
                                                                         temp_soil_-10cm
P3372
       ch13@cpu_1:60008
                            016@0010.12.05.07.008
                                                    0x8000
                                                             27.7
                                                                   st.C
                                                                         temp_soil_-20cm
P3373
                            016@0010.12.05.08.008
                                                    0x8000
       ch14@cpu 1:60008
                                                             24.1
                                                                   st.C
                                                                         temp soil -30cm
P3374
       ch15@cpu_1:60008
                           016@0010.12.05.09.008
                                                    0x8000
                                                             22.3
                                                                   st.C
                                                                        temp_soil_-50cm
20/07/2017
           18:02:50.0 cpu_1:60010:uc8410iod
S3001
       ch00@cpu_1:60010
                           016@0001.12.04.30.005
                                                    0x8000
                                                            001
                                                                  bit
                                                                      replace|buffer|ready
                           016@0001.12.99.30.005
                                                    0x8000
S3002
       ch01@cpu_1:60010
                                                             1
                                                                bit
                                                                    door_status
20/07/2017
           18:02:50.0 cpu_1:64001:pico64d-10
                            016@0132.12.01.01.002
P3390
       ch00@cpu_1:64001
                                                    0x8000
                                                             21.0
                                                                   %
                                                                       0x0000
                                                                               soil_moisture
P3391
       ch01@cpu_1:64001
                            016@0132.12.02.01.002
                                                    0x8000
                                                             39.3
                                                                   st.C
                                                                         0x0000
                                                                                 soil_temperature
P3392
       ch02@cpu_1:64001
                            016@0132.12.03.01.002
                                                    0x8000
                                                             2.59
                                                                   dS/m
                                                                          0x0000
                                                                                  bulk_conductivity
                           016@0132.12.04.01.002
S3390
       ch03@cpu_1:64001
                                                    0x8000
                                                             0x0000
                                                                     bit
                                                                          status_u16_pico64
20/07/2017
           18:02:50.0 cpu 1:64002:pico64d-20
P3393
       ch00@cpu 1:64002
                            016@0132.12.01.02.002
                                                    0x8000
                                                             35.2
                                                                   %
                                                                       0x0000
                                                                               soil moisture
P3394
        ch01@cpu_1:64002
                            016@0132.12.02.02.002
                                                    0x8000
                                                             35.6
                                                                   st.C
                                                                         0x0000
                                                                                 soil_temperature
P3395
        ch02@cpu 1:64002
                            016@0132.12.03.02.002
                                                    0x8000
                                                                          0x0000
                                                             2.93
                                                                   dS/m
                                                                                  bulk conductivity
                            016@0132.12.04.02.002
S3393
       ch03@cpu 1:64002
                                                    0x8000
                                                             0x0000
                                                                     hit
                                                                          status u16 pico64
20/07/2017
           18:02:50.0 cpu_1:64003:pico64d-30
P3396
       ch00@cpu_1:64003
                           016@0132.12.01.03.002
                                                    0x8000
                                                            22.3
                                                                   %
                                                                       0x0000 soil_moisture
```

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```
P3397
       ch01@cpu_1:64003
                           016@0132.12.02.03.002
                                                   0x8000
                                                                        0x0000
                                                            31.4
                                                                  st.C
                                                                                soil temperature
P3398
       ch02@cpu_1:64003
                           016@0132.12.03.03.002
                                                   0x8000
                                                            3.13
                                                                  dS/m
                                                                         0x0000
                                                                                 bulk_conductivity
                           016@0132.12.04.03.002
S3396
       ch03@cpu_1:64003
                                                   0x8000
                                                            0x0000
                                                                     bit
                                                                         status_u16_pico64
20/07/2017
            18:02:50.0 cpu_1:64004:spn1d
                           016@0043.11.01.05.003
P3302
       ch00@cpu_1:64004
                                                   0x8000
                                                            180.5
                                                                   W/m2
                                                                          global_solar_radiation
                           016@0043.11.02.05.003
P3303
       ch01@cpu 1:64004
                                                   0x8000
                                                            120.2
                                                                   W/m2
                                                                          diffuse solar radiation
P3304
       ch02@cpu 1:64004
                            016@0043.11.08.05.003
                                                   0x8000
                                                            1
                                                               bit
                                                                    sunshine duration
20/07/2017
            18:02:50.0 cpu 1:64005:smp11d
P3300
       ch00@cpu_1:64005
                           016@0043.12.01.02.008
                                                   0x8000
                                                            177.0
                                                                   W/m2
                                                                          0x0000
                                                                                   global_solar_radiation
13101
                           016@0043.12.03.02.008
                                                   0x8000
                                                           28.9
       ch01@cpu_1:64005
                                                                  st.C
                                                                       0x0000
                                                                                smp11_body_temperature
13102
       ch02@cpu_1:64005
                           016@0043.12.04.02.008
                                                   0x8000
                                                           24.5
                                                                  Vdc
                                                                       0x0000
                                                                                smp11_supply_voltage
S3300
       ch03@cpu_1:64005
                           016@0043.12.05.02.008
                                                   0x8000
                                                            0x0000
                                                                     bit
                                                                         smp11_status
```

#### #15 - 2017-07-24 12:40 - Darko Lombardo

V ARSO LAB je zagnana plošča cpu-0.

Danes 2017-07-24 zagnan FTP s prenosom datotek za nazaj od petka 2017-07-21, ko je Jerneje namestil zadnji paket DV za testiranje. FTP čez vikend ni bilo možno zagnat, ker je bil preventivno onemogočen račun s strani ARSO preko vikenda.

Zdaj nadgrajeni SM (v dogovoru z ARSO - Černač, Kolenc) iz OP paketa, da že zajemajo podatke z lokacije.

Berejo se vsi podatki, razen redundančnih rvrd (kjer je itak vedno le en rvrd aktiven) in hmp155d, ker redundančni hmp155d še ni nameščen.

```
jmd(60000)>get ta
24/07/2017 11:31:30.0 cpu 0:64101:rvrd-a
      ch03@cpu_0:64101
                          016@0180.14.03.01.001
                                                  0x0000
                                                           Ν
                                                                     0x0000004000000000
                                                                                           vis1_rvr_trend_10min_period
                                                              code
       ch04@cpu_0:64101
                           016@0180.14.04.01.001
                                                   0x0142
                                                            2100
                                                                      0x0000004000000000
Pxxxx
                                                                  m
                                                                                            vis1_rvr_1min_avg
      ch05@cpu_0:64101
                          016@0180.14.05.01.001
                                                  0x0000
                                                                        0x0000004000000000
Ixxxx
                                                           10000.0
                                                                                              vis1_mor_1min_avg
                          016@0180.14.06.01.001
Ixxxx
      ch06@cpu_0:64101
                                                  0x0142
                                                           2100
                                                                     0x0000004000000000
                                                                                           vis1_rvr_1min_min_10min_period
Pxxxx
       ch07@cpu_0:64101
                           016@0180.14.07.01.001
                                                   0x0142
                                                            2100
                                                                      0x0000004000000000
                                                                                            vis1_rvr_1min_max_10min_period
      ch08@cpu 0:64101
                          016@0180.14.08.01.001
                                                  0x0142
                                                           2100
                                                                 m
                                                                      0x0000004000000000
                                                                                           vis1 rvr 10min avg
Ixxxx
Pxxxx
       ch09@cpu 0:64101
                           016@0180.14.09.01.001
                                                   0x0000
                                                            5099
                                                                  cd/sqm
                                                                           0x0000004000000000
vis1 background_luminance_1min_avg
       ch10@cpu_0:64101
                           016@0180.14.10.01.001
                                                   0x0000
                                                            100
                                                                 %
                                                                     0x0000004000000000
                                                                                           rwy_edge_light_settings
Pxxxx
      ch11@cpu 0:64101
                          016@0180.14.11.01.001
                                                  0x0000
                                                                %
                                                                    0x0000004000000000
                                                                                          rwy center light settings
                                                           100
Ixxxx
                          016@0180.14.12.01.001
      ch12@cpu 0:64101
                                                  0x0000
                                                           10000
                                                                      0x0000004000000000
                                                                                            prevailing_visibility_1min_avg
Ixxxx
                                                                  m
      ch13@cpu_0:64101
                          016@0180.14.13.01.001
                                                  0x0000
                                                           10000
                                                                      0x0000004000000000
                                                                                            prevailing_visibility_10min_avg
                                                                   m
Ixxxx
      ch14@cpu 0:64101
                          016@0180.14.14.01.001
                                                  0x0000
                                                           10000
                                                                  m
                                                                      0x0000004000000000
Ixxxx
minimum_instant_visibility_10min_period
      ch15@cpu_0:64101
                          016@0180.14.15.01.001
                                                  0x0000
                                                           SE
                                                                      0x0000004000000000
Ixxxx
                                                                code
minimum_instant_vis_direction_10min_period
Pxxxx
       ch16@cpu_0:64101
                           016@0180.14.16.01.001
                                                   0x0000
                                                            0
                                                               code
                                                                     0x00
                                                                            pw1_instant_present_weather_code_wmo_synop
      ch17@cpu_0:64101
                          016@0180.14.17.01.001
                                                  0x0000
                                                           0
                                                              code
                                                                     0x00
                                                                           pw1_15minute_pw_code_wmo_synop
Ixxxx
                          016@0180.14.18.01.001
Ixxxx
      ch18@cpu_0:64101
                                                  0x0000
                                                           0
                                                              code
                                                                     0x00
                                                                           pw1_1hour_pw_code_wmo_synop
      ch19@cpu 0:64101
                          016@0180.14.19.01.001
                                                  0x0000
                                                           //////
                                                                       0x00
                                                                              pw1_instant_pw_code_wmo_metar
Ixxxx
                                                                 code
      ch20@cpu 0:64101
                          016@0180.14.20.01.001
                                                  0x0000
                                                           //////
                                                                       0x00
                                                                              pw1_recent_pw_code_wmo_metar
Ixxxx
                                                                 code
Pxxxx
       ch21@cpu_0:64101
                           016@0180.14.21.01.001
                                                   0x00a1
                                                            0.00
                                                                               pw1_precipitation_water_intensity
      ch22@cpu 0:64101
                          016@0180.14.22.01.001
Ixxxx
                                                  0x0000
                                                           70.62
                                                                  mm
                                                                       0x00
                                                                              pw1 precipitation cumulative water
Ixxxx
      ch23@cpu 0:64101
                          016@0180.14.23.01.001
                                                  0x0000
                                                           24.3
                                                                 st.C
                                                                      0x00
                                                                             pw1 temperature
Ixxxx
      ch24@cpu_0:64101
                          016@0180.14.24.01.001
                                                  0x0000
                                                           Ν
                                                               code
                                                                     0x000000400000000 vis2_rvr_trend_10min_period
Pxxxx
       ch25@cpu_0:64101
                           016@0180.14.25.01.001
                                                   0x0142
                                                            2100
                                                                  m
                                                                      0x0000004000000000 vis2_rvr_1min_avg
```

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```
0x0000004000000000
      ch26@cpu_0:64101
                          016@0180.14.26.01.001
                                                  0x0000
                                                          10000.0
lxxxx
                                                                   m
                                                                                            vis2 mor 1min avg
                                                          2100
Ixxxx
      ch27@cpu_0:64101
                          016@0180.14.27.01.001
                                                  0x0142
                                                                 m
                                                                    0x0000004000000000
                                                                                          vis2_rvr_1min_min_10min_period
                                                          2100
Ixxxx
      ch28@cpu_0:64101
                          016@0180.14.28.01.001
                                                  0x0142
                                                                 m
                                                                     0x0000004000000000
                                                                                          vis2_rvr_1min_max_10min_period
                                                                                          vis2_rvr_10min_avg
Ixxxx
      ch29@cpu_0:64101
                          016@0180.14.29.01.001
                                                  0x0142
                                                          2100
                                                                 m
                                                                    0x0000004000000000
                          016@0180.14.30.01.001
                                                          5372
Ixxxx
      ch30@cpu_0:64101
                                                  0x0000
                                                                 cd/sam
                                                                         0x0000004000000000
vis2 background luminance 1min avg
      ch31@cpu 0:64101
                          016@0180.14.31.01.001
                                                  0x0000
                                                          0
                                                             code
                                                                    0x00
                                                                          pw2 instant present weather code wmo synop
Ixxxx
      ch32@cpu 0:64101
                          016@0180.14.32.01.001
                                                  0x0000
                                                          0
                                                                    0x00
                                                                          pw2_15minute_pw_code_wmo_synop
Ixxxx
                                                             code
      ch33@cpu_0:64101
                          016@0180.14.33.01.001
                                                  0x0000
                                                          0
                                                                    0x00
Ixxxx
                                                             code
                                                                          pw2_1hour_pw_code_wmo_synop
      ch34@cpu_0:64101
                          016@0180.14.34.01.001
                                                  0x0000
                                                          //////
Ixxxx
                                                                code
                                                                      0x00
                                                                             pw2_instant_pw_code_wmo_metar
Ixxxx
      ch35@cpu_0:64101
                          016@0180.14.35.01.001
                                                  0x0000
                                                          //////
                                                                code
                                                                      0x00
                                                                             pw2_recent_pw_code_wmo_metar
lxxxx
      ch36@cpu_0:64101
                          016@0180.14.36.01.001
                                                  0x00a1
                                                          0.00
                                                                mm/h
                                                                       0x00
                                                                             pw2_precipitation_water_intensity
Ixxxx
      ch37@cpu 0:64101
                          016@0180.14.37.01.001
                                                  0x0000
                                                          21.14
                                                                 mm
                                                                      0x00
                                                                             pw2 precipitation cumulative water
Ixxxx
      ch38@cpu 0:64101
                          016@0180.14.38.01.001
                                                  0x0000
                                                          25.2
                                                                st.C
                                                                     0x00
                                                                            pw2 temperature
Ixxxx
      ch39@cpu 0:64101
                          016@0180.14.39.01.001
                                                  0x0000
                                                          Ν
                                                             code
                                                                    0x0000004000000000
                                                                                          vis3 rvr trend 10min period
Pxxxx
       ch40@cpu 0:64101
                           016@0180.14.40.01.001
                                                  0x0142
                                                           2100
                                                                     0x0000004000000000
                                                                                           vis3 rvr 1min avg
                                                                 m
Ixxxx
      ch41@cpu 0:64101
                          016@0180.14.41.01.001
                                                  0x0000
                                                          10000.0
                                                                   m
                                                                       0x0000004000000000
                                                                                            vis3 mor 1min avg
Ixxxx
      ch42@cpu_0:64101
                          016@0180.14.42.01.001
                                                  0x0142
                                                          2100
                                                                 m
                                                                     0x0000004000000000
                                                                                          vis3_rvr_1min_min_10min_period
                          016@0180.14.43.01.001
                                                  0x0142
                                                          2100
                                                                    0x0000004000000000
                                                                                          vis3_rvr_1min_max_10min_period
Ixxxx
      ch43@cpu_0:64101
                                                                 m
                          016@0180.14.44.01.001
                                                  0x0142
                                                          2100
                                                                     0x0000004000000000
                                                                                          vis3_rvr_10min_avg
lxxxx
      ch44@cpu_0:64101
                                                                 m
                                                                 cd/sqm
      ch45@cpu_0:64101
                          016@0180.14.45.01.001
                                                  0x0000
                                                          5372
                                                                         0x0000004000000000
Ixxxx
vis3_background_luminance_1min_avg
      ch46@cpu_0:64101
                          016@0180.14.46.01.001
                                                  0x0000
Ixxxx
                                                          0
                                                             code
                                                                   0x00
                                                                          pw3_instant_present_weather_code_wmo_synop
                                                          0
Ixxxx
      ch47@cpu_0:64101
                          016@0180.14.47.01.001
                                                  0x0000
                                                             code
                                                                    0x00
                                                                          pw3_15minute_pw_code_wmo_synop
Ixxxx
      ch48@cpu_0:64101
                          016@0180.14.48.01.001
                                                  0x0000
                                                          0
                                                             code
                                                                   0x00
                                                                          pw3_1hour_pw_code_wmo_synop
Ixxxx
      ch49@cpu_0:64101
                          016@0180.14.49.01.001
                                                  0x0000
                                                          //////
                                                                code
                                                                      0x00
                                                                             pw3_instant_pw_code_wmo_metar
Ixxxx
      ch50@cpu 0:64101
                          016@0180.14.50.01.001
                                                  0x0000
                                                          ///////
                                                                code
                                                                      0x00
                                                                             pw3 recent pw code wmo metar
      ch51@cpu 0:64101
                          016@0180.14.51.01.001
                                                  0x00a1
                                                          0.00
                                                                mm/h
                                                                       0x00
                                                                             pw3_precipitation_water_intensity
Ixxxx
      ch52@cpu_0:64101
                          016@0180.14.52.01.001
                                                  0x0000
                                                          70.62
                                                                             pw3_precipitation_cumulative_water
Ixxxx
                                                                 mm
                                                                       0x00
      ch53@cpu_0:64101
                          016@0180.14.53.01.001
                                                  0x0000
                                                          24.3
Ixxxx
                                                                st.C
                                                                     0x00
                                                                            pw3_temperature
Sxx1a
       ch54@cpu_0:64101
                           016@0180.14.54.01.001
                                                  0x0000
                                                           0x00000000
                                                                        bit
                                                                            rvr_lt31_1a_status
Sxx1b
       ch55@cpu_0:64101
                           016@0180.14.55.01.001
                                                  0x0000
                                                           0x00000040
                                                                        bit
                                                                            rvr_lt31_1b_status
Sxx1p
       ch56@cpu 0:64101
                           016@0180.14.56.01.001
                                                   0x0000
                                                           0x00
                                                                 bit
                                                                     rvr pw1 status
Sxx2a
       ch57@cpu 0:64101
                           016@0180.14.57.01.001
                                                  0x0000
                                                           0x00000000
                                                                        bit rvr_lt31_2a_status
Sxx2b
                           016@0180.14.58.01.001
                                                   0x0000
                                                           0x00000040
                                                                            rvr lt31 2b status
       ch58@cpu 0:64101
                                                                        bit
Sxx2p
       ch59@cpu 0:64101
                           016@0180.14.59.01.001
                                                   0x0000
                                                           0x00 bit
                                                                     rvr pw2 status
                           016@0180.14.60.01.001
                                                   0x0000
                                                                        bit rvr lt31 3a status
Sxx3a
       ch60@cpu 0:64101
                                                           0x00000000
                                                   0x0000
Sxx3h
       ch61@cpu 0:64101
                           016@0180.14.61.01.001
                                                           0x00000040
                                                                        bit rvr lt31 3b status
                           016@0180.14.62.01.001
                                                  0x0000
                                                           0x00
Sxx3p
       ch62@cpu_0:64101
                                                                 bit
                                                                     rvr pw3 status
24/07/2017 11:31:15.0 cpu 0:64102:rvrd-b
Ixxxx
      ch03@cpu_0:64102
                          016@0180.14.03.01.001
                                                  0x0400
                                                          -999
                                                                code
                                                                      vis1_rvr_trend_10min_period
Pxxxx
       ch04@cpu_0:64102
                           016@0180.14.04.01.001
                                                                     0x0400
                                                           -999
                                                                 m
                                                                                  vis1_rvr_1min_avg
Ixxxx
      ch05@cpu_0:64102
                          016@0180.14.05.01.001
                                                  0x0400
                                                          -999
                                                                m
                                                                    vis1_mor_1min_avg
Ixxxx
      ch06@cpu_0:64102
                          016@0180.14.06.01.001
                                                  0x0400
                                                          -999
                                                                m
                                                                    vis1_rvr_1min_min_10min_period
Pxxxx
       ch07@cpu_0:64102
                           016@0180.14.07.01.001
                                                  0x0400
                                                           -999
                                                                 m
                                                                     vis1_rvr_1min_max_10min_period
Ixxxx
      ch08@cpu_0:64102
                          016@0180.14.08.01.001
                                                  0x0400
                                                          -999
                                                                m
                                                                    vis1_rvr_10min_avg
Pxxxx
       ch09@cpu 0:64102
                           016@0180.14.09.01.001
                                                  0x0400
                                                           -999
                                                                 cd/sqm 0x///////// vis1 background luminance 1min avg
       ch10@cpu 0:64102
                           016@0180.14.10.01.001
                                                  0x0400
                                                           -999
                                                                 %
                                                                     rwy_edge_light_settings
Pxxxx
Ixxxx
      ch11@cpu_0:64102
                          016@0180.14.11.01.001
                                                  0x0400
                                                          -999
                                                                %
                                                                    rwy_center_light_settings
      ch12@cpu 0:64102
                          016@0180.14.12.01.001
                                                  0x0400
Ixxxx
                                                          -999
                                                                m
                                                                    prevailing visibility 1min avg
Ixxxx
      ch13@cpu 0:64102
                          016@0180.14.13.01.001
                                                  0x0400
                                                          -999
                                                                    prevailing visibility 10min avg
                                                                m
                                                                                 minimum_instant_visibility_10min_period
Ixxxx
      ch14@cpu_0:64102
                          016@0180.14.14.01.001
                                                  0x0400
                                                          -999
                                                                m
                                                                    lxxxx
      ch15@cpu_0:64102
                          016@0180.14.15.01.001
                                                  0x0400
                                                          -999
                                                                code
```

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```
ch16@cpu_0:64102
                          016@0180.14.16.01.001
Pxxxx
                                                  0x0400
                                                           -999
                                                                 code
                                                                        0x//
                                                                             pw1_instant_present_weather_code_wmo_synop
Ixxxx
      ch17@cpu_0:64102
                          016@0180.14.17.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                            pw1_15minute_pw_code_wmo_synop
Ixxxx
      ch18@cpu_0:64102
                          016@0180.14.18.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                            pw1_1hour_pw_code_wmo_synop
                          016@0180.14.19.01.001
Ixxxx
      ch19@cpu_0:64102
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                            pw1_instant_pw_code_wmo_metar
Ixxxx
      ch20@cpu 0:64102
                          016@0180.14.20.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                            pw1 recent pw code wmo metar
Pxxxx
       ch21@cpu 0:64102
                           016@0180.14.21.01.001
                                                   0x0400
                                                           -99.99
                                                                               pw1_precipitation_water_intensity
      ch22@cpu 0:64102
                          016@0180.14.22.01.001
                                                  0x0400
                                                           -99.99
                                                                             pw1_precipitation_cumulative_water
Ixxxx
                                                                        0x//
      ch23@cpu_0:64102
                          016@0180.14.23.01.001
                                                  0x0400
                                                           -99.9
                                                                 st.C
Ixxxx
                                                                            pw1 temperature
      ch24@cpu_0:64102
                          016@0180.14.24.01.001
                                                  0x0400
                                                           -999
                                                                                   vis2_rvr_trend_10min_period
Ixxxx
Pxxxx
       ch25@cpu_0:64102
                           016@0180.14.25.01.001
                                                  0x0400
                                                           -999
                                                                     vis2_rvr_1min_avg
lxxxx
      ch26@cpu_0:64102
                          016@0180.14.26.01.001
                                                  0x0400
                                                           -999
                                                                    vis2_mor_1min_avg
Ixxxx
      ch27@cpu 0:64102
                          016@0180.14.27.01.001
                                                  0x0400
                                                           -999
                                                                 m
                                                                    vis2 rvr 1min min 10min period
Ixxxx
      ch28@cpu 0:64102
                          016@0180.14.28.01.001
                                                  0x0400
                                                           -999
                                                                 m
                                                                    vis2 rvr 1min max 10min period
Ixxxx
      ch29@cpu 0:64102
                          016@0180.14.29.01.001
                                                  0x0400
                                                           -999
                                                                 m
                                                                    vis2 rvr 10min avg
      ch30@cpu 0:64102
                          016@0180.14.30.01.001
                                                  0x0400
                                                           -999
                                                                 cd/sqm
                                                                         0x////////// vis2 background luminance 1min avg
Ixxxx
lxxxx
      ch31@cpu 0:64102
                          016@0180.14.31.01.001
                                                  0x0400
                                                           -999
                                                                       0x//
                                                                            pw2 instant present weather code wmo synop
                                                                 code
Ixxxx
      ch32@cpu_0:64102
                          016@0180.14.32.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                            pw2_15minute_pw_code_wmo_synop
                          016@0180.14.33.01.001
                                                  0x0400
Ixxxx
      ch33@cpu_0:64102
                                                           -999
                                                                 code
                                                                       0x//
                                                                            pw2_1hour_pw_code_wmo_synop
      ch34@cpu_0:64102
                          016@0180.14.34.01.001
                                                  0x0400
                                                           -999
lxxxx
                                                                 code
                                                                       0x//
                                                                            pw2_instant_pw_code_wmo_metar
      ch35@cpu_0:64102
                          016@0180.14.35.01.001
                                                  0x0400
Ixxxx
                                                           -999
                                                                 code
                                                                       0x//
                                                                            pw2_recent_pw_code_wmo_metar
Ixxxx
      ch36@cpu_0:64102
                          016@0180.14.36.01.001
                                                  0x0400
                                                           -99.99
                                                                  mm/h
                                                                         0x//
                                                                               pw2_precipitation_water_intensity
                          016@0180.14.37.01.001
Ixxxx
      ch37@cpu_0:64102
                                                  0x0400
                                                           -99.99
                                                                  mm
                                                                       0x//
                                                                             pw2_precipitation_cumulative_water
Ixxxx
      ch38@cpu_0:64102
                          016@0180.14.38.01.001
                                                  0x0400
                                                           -99.9
                                                                 st.C
                                                                       0x//
                                                                            pw2_temperature
Ixxxx
      ch39@cpu_0:64102
                          016@0180.14.39.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       vis3_rvr_trend_10min_period
Pxxxx
       ch40@cpu_0:64102
                           016@0180.14.40.01.001
                                                  0x0400
                                                           -999
                                                                     vis3_rvr_1min_avg
Ixxxx
      ch41@cpu 0:64102
                          016@0180.14.41.01.001
                                                  0x0400
                                                           -999
                                                                 m
                                                                    vis3 mor 1min avg
      ch42@cpu 0:64102
                          016@0180.14.42.01.001
                                                  0x0400
                                                           -999
                                                                    vis3_rvr_1min_min_10min_period
Ixxxx
      ch43@cpu_0:64102
                          016@0180.14.43.01.001
                                                  0x0400
                                                           -999
                                                                                 vis3_rvr_1min_max_10min_period
Ixxxx
                                                                 m
                                                                    ch44@cpu_0:64102
                          016@0180.14.44.01.001
                                                  0x0400
                                                           -999
Ixxxx
                                                                    vis3_rvr_10min_avg
Ixxxx
      ch45@cpu_0:64102
                          016@0180.14.45.01.001
                                                  0x0400
                                                           -999
                                                                 cd/sqm
                                                                         0x///////// vis3_background_luminance_1min_avg
lxxxx
      ch46@cpu_0:64102
                          016@0180.14.46.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                            pw3_instant_present_weather_code_wmo_synop
      ch47@cpu 0:64102
                          016@0180.14.47.01.001
                                                  0x0400
                                                           -999
                                                                 code
                                                                       0x//
                                                                            pw3 15minute pw code wmo synop
Ixxxx
      ch48@cpu 0:64102
                          016@0180.14.48.01.001
                                                  0x0400
                                                           -999
                                                                       0x//
Ixxxx
                                                                 code
                                                                            pw3_1hour_pw_code_wmo_synop
                          016@0180.14.49.01.001
                                                  0x0400
Ixxxx
      ch49@cpu_0:64102
                                                           -999
                                                                 code
                                                                       0x//
                                                                            pw3_instant_pw_code_wmo_metar
      ch50@cpu 0:64102
                          016@0180.14.50.01.001
                                                  0x0400
                                                           -999
Ixxxx
                                                                 code
                                                                       0x//
                                                                            pw3_recent_pw_code_wmo_metar
                          016@0180.14.51.01.001
                                                  0x0400
                                                           -99.99
lxxxx
      ch51@cpu 0:64102
                                                                              pw3 precipitation water intensity
                                                                  mm/h
      ch52@cpu 0:64102
                          016@0180.14.52.01.001
                                                  0x0400
                                                           -99.99
                                                                       0x//
                                                                             pw3 precipitation cumulative water
Ixxxx
                                                                  mm
      ch53@cpu_0:64102
                          016@0180.14.53.01.001
                                                  0x0400
                                                           -99.9
                                                                 st.C
lxxxx
                                                                       0x//
                                                                            pw3_temperature
Sxx1a
       ch54@cpu 0:64102
                           016@0180.14.54.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr lt31 1a status
                           016@0180.14.55.01.001
                                                            -999
Sxx1b
       ch55@cpu_0:64102
                                                   0x0400
                                                                 bit
                                                                      rvr_lt31_1b_status
                           016@0180.14.56.01.001
                                                   0x0400
Sxx1p
       ch56@cpu_0:64102
                                                            -999
                                                                 bit
                                                                      rvr_pw1_status
Sxx2a
       ch57@cpu_0:64102
                           016@0180.14.57.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr_lt31_2a_status
Sxx2b
       ch58@cpu_0:64102
                           016@0180.14.58.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr_lt31_2b_status
Sxx2p
       ch59@cpu_0:64102
                           016@0180.14.59.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr_pw2_status
Sxx3a
       ch60@cpu_0:64102
                           016@0180.14.60.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr_lt31_3a_status
Sxx3b
       ch61@cpu 0:64102
                           016@0180.14.61.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr lt31 3b status
Sxx3p
       ch62@cpu 0:64102
                           016@0180.14.62.01.001
                                                   0x0400
                                                            -999
                                                                 bit
                                                                      rvr pw3 status
24/07/2017
           11:31:30.0 cpu_0:64103:ptb330d-p
P3090
                           016@0047.12.01.01.002
                                                   0x0000
                                                            963.35
                                                                         0x0000001
       ch00@cpu 0:64103
                                                                    hPa
                                                                                      air pressure Pavo
P3091
                           016@0047.12.02.01.002
       ch01@cpu 0:64103
                                                   0x0000
                                                            -0.15
                                                                  hPa
                                                                        0x00000001
                                                                                    air pressure 3hTrend
P3092
       ch02@cpu_0:64103
                           016@0047.12.03.01.002
                                                   0x0000
                                                                  0x0000001
                                                                               air_pressure_3hTendency
S3090
       ch03@cpu_0:64103
                           016@0047.12.17.01.002
                                                   0x0000
                                                            0x0000001
                                                                         bit
                                                                             status_u32_ptb330
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11:31:40.0 cpu\_0:64108:vaa252wav151d-30

```
P3180
       ch00@cpu_0:64108
                            016@0100.12.00.02.003
                                                             -99.99
                                                                         0x0001
                                                    0x0000
                                                                     n
                                                                                 wind processed
                           016@0100.12.01.02.003
                                                            253
                                                                        0x0001
13001
       ch01@cpu_0:64108
                                                    0x0000
                                                                  deg
                                                                                 wind_direction_3s_avg
                           016@0100.12.02.02.003
13002
       ch02@cpu_0:64108
                                                    0x0000
                                                            0.90
                                                                   m/s
                                                                        0x0001
                                                                                 wind_speed_3s_avg
13003
       ch03@cpu_0:64108
                           016@0100.12.03.02.003
                                                    0x0000
                                                            -1.48
                                                                   m/s
                                                                         0x0001
                                                                                  wind_speed_avg_x
                           016@0100.12.04.02.003
13004
       ch04@cpu_0:64108
                                                    0x0000
                                                            -1.84
                                                                   m/s
                                                                         0x0001
                                                                                  wind_speed_avg_y
13005
       ch05@cpu 0:64108
                           016@0100.12.05.02.003
                                                    0x0000
                                                            0.53
                                                                   m/s
                                                                        0x0001
                                                                                 wind speed min
13006
       ch06@cpu 0:64108
                           016@0100.12.06.02.003
                                                    0x0000
                                                            5.06
                                                                   m/s
                                                                        0x0001
                                                                                 wind_speed_peak
13007
       ch07@cpu 0:64108
                           016@0100.12.07.02.003
                                                    0x0000
                                                            3.43
                                                                        0x0001
                                                                                 wind_speed_gust
                                                                   m/s
13008
       ch08@cpu_0:64108
                           016@0100.12.08.02.003
                                                    0x0000
                                                            2.46
                                                                   m/s
                                                                        0x0001
                                                                                 wind_speed_lull
13009
       ch09@cpu_0:64108
                           016@0100.12.09.02.003
                                                    0x0000
                                                            354
                                                                        0x0001
                                                                  deg
                                                                                 wind_direction_max
13010
       ch10@cpu_0:64108
                           016@0100.12.10.02.003
                                                    0x0000
                                                            041
                                                                  deg
                                                                        0x0001
                                                                                 wind_direction_min
13011
       ch11@cpu_0:64108
                           016@0100.12.11.02.003
                                                    0x0000
                                                            056
                                                                  deg
                                                                        0x0001
                                                                                 wind_direction_at_wind_peak
13012
       ch12@cpu 0:64108
                           016@0100.12.12.02.003
                                                    0x0000
                                                             1
                                                                n
                                                                   0x0001
                                                                            signal quality rg
S3180
       ch19@cpu 0:64108
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x0001
                                                                          status wmt702
24/07/2017
           11:31:40.0 cpu 0:64109:hmp155d-r
P3050
       ch07@cpu 0:64109
                            016@0035.12.01.22.002
                                                    0x0400
                                                             -999
                                                                    %RH
                                                                          0x////
                                                                                 rel humidity
P3011
       ch08@cpu 0:64109
                            016@0035.12.03.22.002
                                                    0x0400
                                                              -99.9
                                                                    st.C
                                                                          0x////
                                                                                 temp air additional Ta
P3052
       ch09@cpu_0:64109
                            016@0035.12.04.22.002
                                                    0x0400
                                                             -99.9
                                                                    st.C
                                                                          0x////
                                                                                 temp_dewpoint_TD
13023
                           016@0035.12.05.22.002
                                                    0x0400
                                                             -99.9
       ch10@cpu_0:64109
                                                                   st.C
                                                                         0x////
                                                                                temp_dewpoint_FTD
13024
       ch11@cpu_0:64109
                           016@0035.12.06.22.002
                                                    0x0400
                                                             -99.999
                                                                           0x////
                                                                                  mixing_ratio_x
                                                                      g/kg
P3051
                            016@0035.12.07.22.002
                                                    0x0400
                                                             -99.9
                                                                          0x////
                                                                                 temp_wetbulb_Tw
       ch12@cpu_0:64109
                                                                    st.C
                                                                        status_u16_hmp155
S3050
       ch13@cpu_0:64109
                            016@0035.12.08.22.002
                                                    0x0400
                                                             -999
                                                                   bit
24/07/2017
            11:31:41.0 cpu_0:64110:wmt702d-12
P3180
       ch00@cpu_0:64110
                            016@0100.12.00.02.003
                                                    0x0000
                                                             -99.99
                                                                     n
                                                                         0x0001
                                                                                 wind_processed
13001
       ch01@cpu_0:64110
                           016@0100.12.01.02.003
                                                    0x0000
                                                            227
                                                                  deg
                                                                        0x0001
                                                                                 wind_direction_3s_avg
13002
       ch02@cpu_0:64110
                           016@0100.12.02.02.003
                                                    0x0000
                                                            0.77
                                                                   m/s
                                                                        0x0001
                                                                                 wind_speed_3s_avg
13003
       ch03@cpu 0:64110
                           016@0100.12.03.02.003
                                                    0x0000
                                                            0.52
                                                                   m/s
                                                                        0x0001
                                                                                 wind speed avg x
13004
       ch04@cpu_0:64110
                           016@0100.12.04.02.003
                                                    0x0000
                                                            0.56
                                                                   m/s
                                                                        0x0001
                                                                                 wind_speed_avg_y
13005
       ch05@cpu_0:64110
                           016@0100.12.05.02.003
                                                    0x0000
                                                            0.71
                                                                        0x0001
                                                                                 wind_speed_min
                                                                   m/s
13006
       ch06@cpu_0:64110
                           016@0100.12.06.02.003
                                                    0x0000
                                                            0.80
                                                                        0x0001
                                                                                 wind_speed_peak
                                                                   m/s
13007
       ch07@cpu_0:64110
                           016@0100.12.07.02.003
                                                    0x0000
                                                            0.79
                                                                   m/s
                                                                        0x0001
                                                                                 wind_speed_gust
13008
       ch08@cpu_0:64110
                           016@0100.12.08.02.003
                                                    0x0000
                                                            0.77
                                                                   m/s
                                                                        0x0001
                                                                                 wind_speed_lull
13009
       ch09@cpu 0:64110
                           016@0100.12.09.02.003
                                                    0x0000
                                                            230
                                                                  dea
                                                                        0x0001
                                                                                 wind direction max
13010
       ch10@cpu_0:64110
                           016@0100.12.10.02.003
                                                    0x0000
                                                            225
                                                                  deg
                                                                        0x0001
                                                                                 wind direction min
13011
       ch11@cpu_0:64110
                           016@0100.12.11.02.003
                                                    0x0000
                                                                  deg
                                                                        0x0001
                                                            228
                                                                                 wind_direction_at_wind_peak
13012
       ch12@cpu_0:64110
                           016@0100.12.12.02.003
                                                    0x0000
                                                                   0x0001
                                                             1
                                                                n
                                                                            signal_quality_rg
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x0001
S3180
       ch19@cpu 0:64110
                                                                          status wmt702
24/07/2017
           11:31:41.0 cpu 0:64111:vaa252wav151d-12
P3180
       ch00@cpu_0:64111
                            016@0100.12.00.02.003
                                                    0x0000
                                                             -99.99
                                                                         0x0001
                                                                                 wind_processed
                                                                     n
13001
       ch01@cpu_0:64111
                           016@0100.12.01.02.003
                                                    0x0000
                                                            236
                                                                        0x0001
                                                                                 wind_direction_3s_avg
                                                                  deg
                           016@0100.12.02.02.003
13002
       ch02@cpu_0:64111
                                                    0x0000
                                                            0.40
                                                                   m/s
                                                                        0x0001
                                                                                 wind_speed_3s_avg
13003
       ch03@cpu_0:64111
                           016@0100.12.03.02.003
                                                    0x0000
                                                                         0x0001
                                                            -1.48
                                                                   m/s
                                                                                  wind_speed_avg_x
13004
       ch04@cpu_0:64111
                           016@0100.12.04.02.003
                                                                         0x0001
                                                    0x0000
                                                            -1.84
                                                                   m/s
                                                                                  wind_speed_avg_y
13005
       ch05@cpu_0:64111
                           016@0100.12.05.02.003
                                                    0x0000
                                                            0.53
                                                                   m/s
                                                                        0x0001
                                                                                 wind_speed_min
13006
       ch06@cpu_0:64111
                           016@0100.12.06.02.003
                                                    0x0000
                                                            5.06
                                                                   m/s
                                                                        0x0001
                                                                                 wind_speed_peak
                           016@0100.12.07.02.003
13007
       ch07@cpu_0:64111
                                                    0x0000
                                                            3.43
                                                                   m/s
                                                                        0x0001
                                                                                 wind_speed_gust
13008
       ch08@cpu 0:64111
                           016@0100.12.08.02.003
                                                    0x0000
                                                            2.46
                                                                   m/s
                                                                        0x0001
                                                                                 wind speed lull
13009
       ch09@cpu_0:64111
                           016@0100.12.09.02.003
                                                    0x0000
                                                            354
                                                                  deg
                                                                        0x0001
                                                                                 wind direction max
13010
       ch10@cpu_0:64111
                           016@0100.12.10.02.003
                                                    0x0000
                                                             041
                                                                  deg
                                                                        0x0001
                                                                                 wind_direction_min
13011
       ch11@cpu 0:64111
                           016@0100.12.11.02.003
                                                    0x0000
                                                                                 wind direction at wind peak
                                                            056
                                                                  deg
                                                                        0x0001
13012
       ch12@cpu 0:64111
                           016@0100.12.12.02.003
                                                    0x0000
                                                                   0x0001
                                                                            signal quality rg
                                                             1
                                                                n
S3180
       ch19@cpu_0:64111
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x0001
                                                                          status_wmt702
24/07/2017
            11:31:40.0
                       cpu_0:64112:mbio120d-ko
```

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```
P4070
       ch04@cpu_0:64112
                           016@0001.12.01.97.004
                                                    0x0000
                                                            24.6
                                                                   ٧
                                                                      dc_voltage
P4014
       ch05@cpu_0:64112
                           016@0001.12.02.97.004
                                                    0x0000
                                                             24.1
                                                                   st.C
                                                                        ams_temperature
P4035
       ch06@cpu_0:64112
                            016@0001.12.03.97.004
                                                    0x0000
                                                             63
                                                                 %rH
                                                                       ams_rel_humidity
S4001
       ch07@cpu_0:64112
                           016@0001.12.99.97.004
                                                    0x0000
                                                             1
                                                                Din
                                                                     door_status
           11:31:40.0 cpu_1:60002:hmp155d-p
24/07/2017
                           016@0035.12.01.22.002
P3045
       ch00@cpu 1:60002
                                                    0x8000
                                                             92
                                                                 %RH
                                                                        0x0002
                                                                                 rel humidity
P3010
       ch01@cpu 1:60002
                            016@0035.12.03.22.002
                                                    0x8000
                                                             19.5
                                                                   st.C
                                                                        0x0002
                                                                                 temp_air_additional_Ta
P3047
       ch02@cpu 1:60002
                            016@0035.12.04.22.002
                                                    0x8000
                                                                        0x0002
                                                                                 temp dewpoint TD
                                                             18.1
                                                                   st.C
13021
       ch03@cpu_1:60002
                           016@0035.12.05.22.002
                                                   0x8000
                                                            18.1
                                                                  st.C
                                                                        0x0002
                                                                                temp_dewpoint_FTD
13022
                           016@0035.12.06.22.002
                                                   0x8000
                                                                          0x0002
       ch04@cpu_1:60002
                                                            13.100
                                                                    g/kg
                                                                                   mixing_ratio_x
P3046
       ch05@cpu_1:60002
                            016@0035.12.07.22.002
                                                    0x8000
                                                             18.6
                                                                   st.C
                                                                        0x0002
                                                                                 temp_wetbulb_Tw
S3045
       ch06@cpu_1:60002
                            016@0035.12.08.22.002
                                                    0x8000
                                                             0x0002
                                                                     bit
                                                                          status_u16_hmp155
24/07/2017
           11:31:00.0 cpu 1:60004:pluvio2d
P3120
       ch03@cpu 1:60004
                            016@0120.12.04.04.012
                                                    0x8000
                                                             20.87
                                                                         0x00000000
                                                                                       acumulated total NRT
                                                                    mm
P3121
       ch05@cpu 1:60004
                           016@0120.12.06.04.012
                                                    0x8000
                                                             277.03
                                                                     mm
                                                                          0x00000000
                                                                                       bucket NRT
13045
       ch06@cpu 1:60004
                           016@0120.12.07.04.012
                                                   0x8000
                                                            21.2
                                                                  st.C
                                                                        0x00000000
                                                                                     temperature load cell
13046
       ch07@cpu 1:60004
                           016@0120.12.08.04.012
                                                   0x8000
                                                            22.4
                                                                  st.C
                                                                        0x00000000
                                                                                     temperature electronics unit
13047
       ch08@cpu_1:60004
                           016@0120.12.09.04.012
                                                   0x8000
                                                            24.2
                                                                  V
                                                                      0x00000000
                                                                                  power_supply
13048
                           016@0120.12.10.04.012
                                                   0x8000
                                                                        0x0000000
       ch09@cpu_1:60004
                                                            24.4
                                                                  st.C
                                                                                     temperature_orifice_ring_rim
S3120
                           016@0120.12.11.04.012
                                                    0x8000
                                                             0x0000
       ch10@cpu_1:60004
                                                                     bit
                                                                          status_heating
                                                                          status_pluvio2
S3121
                            016@0120.12.12.04.012
                                                    0x8000
                                                             0x0000
       ch11@cpu_1:60004
                                                                     bit
24/07/2017
           11:31:00.0 cpu_1:60006:lpmd
                           016@0123.12.02.06.001
P3124
       ch01@cpu_1:60006
                                                    0x8000
                                                             0.000
                                                                    mm/h
                                                                           0x0000
                                                                                    5min_intensity
                            016@0123.12.03.06.001
P3125
       ch02@cpu_1:60006
                                                    0x8000
                                                             25.46
                                                                         0x0000
                                                                                  precipitation_amount
                                                                    mm
P3126
       ch03@cpu_1:60006
                           016@0123.12.04.06.001
                                                    0x8000
                                                             00
                                                                 code
                                                                       0x0000
                                                                                5min_SYNOP_tab4680
P3127
       ch07@cpu_1:60006
                           016@0123.12.08.06.001
                                                    0x8000
                                                             -9.9
                                                                  dBz
                                                                        0x0000
                                                                                 1min_radar_reflectivity
13066
       ch10@cpu 1:60006
                           016@0123.12.11.06.001
                                                   0x8000
                                                            4011
                                                                  mV
                                                                        0x0000
                                                                                control voltage
13067
       ch11@cpu_1:60006
                           016@0123.12.12.06.001
                                                   0x8000
                                                            21.1
                                                                  st.C
                                                                        0x0000
                                                                                ambient T
       ch12@cpu_1:60006
                            016@0123.12.13.06.001
                                                    0x8000
                                                             0x0000
                                                                         LPM status
S3124
24/07/2017
           11:31:30.0 cpu_1:60007:shm30d
P3150
       ch00@cpu_1:60007
                            016@0126.11.01.06.001
                                                    0x8000
                                                             0.0
                                                                 cm
                                                                      0x0000
                                                                               snow_depth
P3151
       ch01@cpu_1:60007
                            016@0126.11.02.06.001
                                                    0x8000
                                                             1.947
                                                                       0x0000
                                                                               signal_strength
13071
       ch02@cpu 1:60007
                           016@0126.11.03.06.001
                                                   0x8000
                                                            26.0
                                                                  st.C
                                                                        0x0000
                                                                                temperature
S3150
       ch03@cpu_1:60007
                            016@0126.11.04.06.001
                                                    0x8000
                                                             0x0000
                                                                         status shm30
                                                                     bit
           11:31:40.0
                       cpu_1:60008:iod
24/07/2017
P3129
       ch00@cpu_1:60008
                            016@0120.12.01.03.001
                                                    0x8000
                                                                bit
                                                                    precipitation_duration
                                                             0
P3005
                            016@0001.12.02.30.011
                                                    0x8000
                                                             35.5
       ch08@cpu 1:60008
                                                                   st.C
                                                                        Tair 1000EO800
P3370
       ch11@cpu_1:60008
                           016@0010.12.05.05.008
                                                    0x8000
                                                             23.5
                                                                   st.C
                                                                        temp_soil_-5cm
P3371
       ch12@cpu_1:60008
                            016@0010.12.05.06.008
                                                    0x8000
                                                             23.2
                                                                   st.C
                                                                        temp_soil_-10cm
P3372
       ch13@cpu_1:60008
                            016@0010.12.05.07.008
                                                    0x8000
                                                             24.1
                                                                   st.C
                                                                        temp_soil_-20cm
P3373
       ch14@cpu_1:60008
                            016@0010.12.05.08.008
                                                    0x8000
                                                             25.0
                                                                   st.C
                                                                        temp_soil_-30cm
P3374
                           016@0010.12.05.09.008
                                                                   st.C
       ch15@cpu_1:60008
                                                    0x8000
                                                             24.4
                                                                        temp_soil_-50cm
           11:31:40.0 cpu_1:60010:uc8410iod
24/07/2017
S3001
       ch00@cpu_1:60010
                           016@0001.12.04.30.005
                                                    0x8000
                                                             001
                                                                  bit
                                                                      replace|buffer|ready
S3002
       ch01@cpu_1:60010
                           016@0001.12.99.30.005
                                                    0x8000
                                                             1
                                                                bit
                                                                    door_status
24/07/2017
           11:31:30.0 cpu_1:64001:pico64d-10
P3390
       ch00@cpu 1:64001
                            016@0132.12.01.01.002
                                                    0x8000
                                                             27.6
                                                                   %
                                                                      0x0000
                                                                               soil moisture
P3391
        ch01@cpu 1:64001
                            016@0132.12.02.01.002
                                                    0x8000
                                                             27.9
                                                                   st.C
                                                                        0x0000
                                                                                 soil temperature
P3392
       ch02@cpu_1:64001
                            016@0132.12.03.01.002
                                                    0x8000
                                                             2.77
                                                                   dS/m
                                                                          0x0000
                                                                                  bulk conductivity
S3390
                            016@0132.12.04.01.002
                                                    0x8000
                                                             0x0000
       ch03@cpu 1:64001
                                                                     bit
                                                                          status u16 pico64
24/07/2017
           11:31:30.0 cpu 1:64002:pico64d-20
P3393
       ch00@cpu_1:64002
                           016@0132.12.01.02.002
                                                    0x8000
                                                             39.1
                                                                   %
                                                                      0x0000
                                                                               soil_moisture
P3394
       ch01@cpu_1:64002
                           016@0132.12.02.02.002
                                                    0x8000
                                                             28.7
                                                                   st.C
                                                                        0x0000
                                                                                 soil_temperature
```

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```
P3395
       ch02@cpu_1:64002
                           016@0132.12.03.02.002 0x8000
                                                                       0x0000 bulk_conductivity
                                                          3.18 dS/m
                           016@0132.12.04.02.002
S3393
       ch03@cpu_1:64002
                                                  0x8000
                                                           0x0000
                                                                  bit
                                                                       status_u16_pico64
24/07/2017
           11:31:30.0 cpu_1:64003:pico64d-30
P3396
       ch00@cpu_1:64003
                           016@0132.12.01.03.002
                                                  0x8000
                                                           37.0
                                                                 %
                                                                     0x0000
                                                                             soil_moisture
                           016@0132.12.02.03.002
                                                  0x8000
P3397
       ch01@cpu_1:64003
                                                           29.1
                                                                 st.C
                                                                      0x0000
                                                                               soil_temperature
                           016@0132.12.03.03.002
P3398
       ch02@cpu 1:64003
                                                  0x8000
                                                           3.57
                                                                 dS/m
                                                                        0x0000 bulk conductivity
S3396
       ch03@cpu 1:64003
                           016@0132.12.04.03.002
                                                  0x8000
                                                           0x0000
                                                                   bit
                                                                        status u16 pico64
24/07/2017
           11:31:40.0 cpu 1:64004:spn1d
P3302
       ch00@cpu_1:64004
                           016@0043.11.01.05.003
                                                  0x8000
                                                           344.9
                                                                         global_solar_radiation
                                                                  W/m2
P3303
       ch01@cpu_1:64004
                           016@0043.11.02.05.003
                                                  0x8000
                                                           317.7
                                                                  W/m2
                                                                         diffuse_solar_radiation
                           016@0043.11.08.05.003
P3304
       ch02@cpu_1:64004
                                                  0x8000
                                                           0
                                                              bit
                                                                  sunshine_duration
24/07/2017
           11:31:40.0 cpu_1:64005:smp11d
P3300
       ch00@cpu 1:64005
                           016@0043.12.01.02.008
                                                  0x8000
                                                           355.0
                                                                  W/m2
                                                                        0x0000
                                                                                  global solar radiation
I3101
       ch01@cpu 1:64005
                          016@0043.12.03.02.008
                                                  0x8000
                                                          20.6
                                                                st.C
                                                                      0x0000
                                                                              smp11 body temperature
13102
      ch02@cpu 1:64005
                          016@0043.12.04.02.008
                                                  0x8000
                                                          24.5
                                                                Vdc
                                                                      0x0000
                                                                              smp11_supply_voltage
S3300
       ch03@cpu 1:64005
                           016@0043.12.05.02.008
                                                  0x8000
                                                           0x0000
                                                                   bit
                                                                       smp11 status
```

#### #16 - 2017-07-24 14:28 - Nikola Kostić

hmp- redundančni je povezan in pošilja podatke.

JE ok zdaj - podatke beremo.

### #17 - 2017-07-25 12:48 - Andreja Kolenc

- Vrsta zahtevka se je spremenilo iz Podpora v Hrošč

iz navedenih procesov ni zajema podatkov

25/07/2017 10:39:59.0 cpu\_0:64107:wmt702d-30

vaa252wav151d-30(64108)>get ta

25/07/2017 10:39:59.0 cpu 0:64108:vaa252wav151d-30

25/07/2017 10:09:59.0 cpu\_0:64110:wmt702d-12

25/07/2017 10:09:59.0 cpu\_0:64111:vaa252wav151d-12

#### #18 - 2017-07-25 13:02 - Andreja Kolenc

Tudi iz procesa ct25kd-30 ni zajema podatkov

```
25/07/2017
             10:19:30.0
                          cpu_0:64104:ct25kd-30
                              016@0186.12.00.01.001 0x0400 -999
P3250 ch00@cpu_0:64104
                                                                    code
                                                                           -999
                                                                                      -999
                                                                                            code
                                                                                                   -999
                                                                                                              -999
                                                                                                                    code
                                                                                                                           -999
                                                                                                                                 ft
-999
      code
             -999 ft
                       0x///////
                                 ceilometer_cloud_layers
P3251
       ch01@cpu_0:64104
                              016@0186.12.01.01.001 0x0400 -999
                                                                    code
                                                                           0x///////
                                                                                     cloud_amount_1st_layer
P3252
       ch02@cpu_0:64104
                              016@0186.12.02.01.001
                                                      0x0400
                                                              -999
                                                                    ft
                                                                         0x///////
                                                                                   height_1st_cloud_layer_ft
P3253
       ch03@cpu 0:64104
                              016@0186.12.03.01.001
                                                      0x0400
                                                              -999
                                                                          0x///////
                                                                                    height_1st_cloud_layer_m
                                                                     m
P3254
       ch04@cpu_0:64104
                              016@0186.12.04.01.001
                                                      0x0400
                                                              -999
                                                                           0x///////
                                                                                     cloud_amount_2nd_layer
                                                                    code
P3255
       ch05@cpu_0:64104
                              016@0186.12.05.01.001
                                                      0x0400
                                                              -999
                                                                    ft
                                                                         0x//////
                                                                                   height_2nd_cloud_layer_ft
P3256
       ch06@cpu 0:64104
                              016@0186.12.06.01.001
                                                      0x0400
                                                                                    height 2nd cloud layer m
                                                              -999
                                                                    m
                                                                          0x///////
                              016@0186.12.07.01.001
P3257
       ch07@cpu 0:64104
                                                      0x0400
                                                              -999
                                                                    code
                                                                           0x///////
                                                                                     cloud amount 3rd layer
P3258
       ch08@cpu_0:64104
                              016@0186.12.08.01.001
                                                      0x0400
                                                              -999
                                                                    ft
                                                                         0x///////
                                                                                   height_3rd_cloud_layer_ft
P3259
       ch09@cpu_0:64104
                              016@0186.12.09.01.001
                                                      0x0400
                                                                          0x///////
                                                                                    height_3rd_cloud_layer_m
                                                                    m
```

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```
P3260 ch10@cpu_0:64104
                             016@0186.12.10.01.001 0x0400 -999
                                                                   code
                                                                         0x///////
                                                                                    cloud_amount_4th_layer
P3261
                             016@0186.12.11.01.001
      ch11@cpu_0:64104
                                                     0x0400
                                                            -999
                                                                   ft
                                                                        0x///////
                                                                                 height_4th_cloud_layer_ft
P3262 ch12@cpu_0:64104
                             016@0186.12.12.01.001
                                                     0x0400
                                                            -999
                                                                   m
                                                                         0x///////
                                                                                   height_4th_cloud_layer_m
S3250
       ch13@cpu_0:64104
                             016@0186.12.13.01.001
                                                     0x0400
                                                             -999
                                                                   bit
                                                                        status_cl31
```

#### #19 - 2017-07-26 19:37 - Darko Lombardo

- Vrsta zahtevka se je spremenilo iz Hrošč v Podpora

Pri branju iz vetrnih senzorjev v auto send načinu je bilo ugotovljeno in odpravljeno naslednje:

- wmt\*-30 in vaa-\* senzorja sta bila včeraj priklopljena na druge NPORT serijske strežnike
- v funkciji protokola wmt700 CheckCRC je v primeru neskladnega formata telegrama funkcija vrnila Error\_WrongParameters namesto npr. Error\_SyntaxError, kar je posledično trajno izklopilo zajem z naprave, ker Error\_WrongParameters napaka se običajno uporablja za neodpravljivo trajno napako npr. napaka v konfiguraciji, napaka v inicializaciji SM ipd.
- v funkciji Communicator\_Poll v lib\_tools sem dodal generalno zaščito pred podobnimi napakami v kodi SM driverja CheckReply, če bi še v kakem drugem SM bil sorođen problem.
- pri analizi kode takega SM s kratkim Ts v autosend načinu je bilo tudi ugotovljeno, da se "frame timeout" nastavitev v Communicator Poll funkciji uporablja od sprejetega prvega znaka telegrama naprej in ne od začetka poslušanja za odgovor, kar lahko nesorazmerno podaljša čas poslušanja za odgovor, predvsem v autosend načinu senzorike. Popravljeno je, da "frame timeout" vedno teče od začetka poslušanja do sprejetja popolnega odgovora. "timeout" ostaja kot do sedaj čas od začetka poslušanja do sprejema prvega znaka (ali znakov) odgovora.

Trenutno je testno nameščen zadnji build wmt700d na vse štiri SM, kot tudi so popravljeni IP naslovi le na XML na postajah. Če bo vse v redu do jutri zjutraj, naredim re-release dv, op paketov SM in kasneje še IPKG, ko se dopolnijo še PCode na katere čakam.

Izpis zajema podatkov iz vetrnih senzorjev

```
jmd(60000)>get sm06 ta
26/07/2017 18:22:47.0 cpu_0:64107:wmt702d-30
P3180
       ch00@cpu_0:64107
                           016@0100.12.00.02.003
                                                   0x0400
                                                            -99.99
                                                                   n
                                                                       0x0001
                                                                               wind_processed
13001
       ch01@cpu_0:64107
                           016@0100.12.01.02.003
                                                  0x0000
                                                           041
                                                                      0x0001
                                                                               wind_direction_3s_avg
                                                                dea
13002
       ch02@cpu 0:64107
                           016@0100.12.02.02.003
                                                  0x0000
                                                           0.63
                                                                 m/s
                                                                      0x0001
                                                                               wind speed 3s ava
13003
       ch03@cpu 0:64107
                          016@0100.12.03.02.003
                                                  0x0000
                                                           -0.48
                                                                       0x0001
                                                                 m/s
                                                                               wind_speed_avg_x
       ch04@cpu_0:64107
                          016@0100.12.04.02.003
                                                  0x0000
                                                                       0x0001
13004
                                                           -0.42
                                                                 m/s
                                                                                wind_speed_avg_y
13005
       ch05@cpu_0:64107
                           016@0100.12.05.02.003
                                                  0x0000
                                                           0.46
                                                                      0x0001
                                                                 m/s
                                                                               wind_speed_min
13006
       ch06@cpu 0:64107
                           016@0100.12.06.02.003
                                                  0x0000
                                                           0.76
                                                                      0x0001
                                                                 m/s
                                                                               wind speed peak
                          016@0100.12.07.02.003
13007
       ch07@cpu_0:64107
                                                  0x0000
                                                           0.63
                                                                      0x0001
                                                                               wind_speed_gust
                                                                 m/s
13008
       ch08@cpu_0:64107
                           016@0100.12.08.02.003
                                                  0x0000
                                                           0.52
                                                                      0x0001
                                                                 m/s
                                                                               wind_speed_lull
13009
       ch09@cpu_0:64107
                           016@0100.12.09.02.003
                                                  0x0000
                                                           045
                                                                      0x0001
                                                                              wind direction max
                                                                deg
                          016@0100.12.10.02.003
13010
       ch10@cpu_0:64107
                                                  0x0000
                                                           037
                                                                 deg
                                                                      0x0001
                                                                               wind_direction_min
13011
       ch11@cpu_0:64107
                           016@0100.12.11.02.003
                                                  0x0000
                                                                      0x0001
                                                                              wind_direction_at_wind_peak
                                                           040
                                                                deg
13012
                           016@0100.12.12.02.003
       ch12@cpu_0:64107
                                                  0x0000
                                                           1
                                                              n
                                                                 0x0001
                                                                          signal_quality_rg
                           016@0100.12.19.02.003
S3180
       ch19@cpu_0:64107
                                                   0x0000
                                                           0x0001
                                                                    bit
                                                                       status_wmt702
jmd(60000)>get sm007 ta
26/07/2017 18:22:59.0 cpu_0:64108:vaa252wav151d-30
P3180
       ch00@cpu 0:64108
                           016@0100.12.00.02.003
                                                   0xffff
                                                         -99.99
                                                                 n
                                                                    0x0001
                                                                             wind processed
13001
       ch01@cpu 0:64108
                           016@0100.12.01.02.003
                                                  0x0000
                                                           039
                                                                      0x0001
                                                                              wind_direction_3s_avg
                                                                 dea
13002
       ch02@cpu_0:64108
                           016@0100.12.02.02.003
                                                  0x0000
                                                           0.20
                                                                 m/s
                                                                      0x0001
                                                                               wind_speed_3s_avg
13003
       ch03@cpu 0:64108
                           016@0100.12.03.02.003
                                                   0x0000
                                                                       0x0001
                                                           -1.48
                                                                 m/s
                                                                                wind speed avg x
13004
       ch04@cpu 0:64108
                           016@0100.12.04.02.003
                                                  0x0000
                                                           -1.84
                                                                 m/s
                                                                       0x0001
                                                                                wind speed avg y
13005
       ch05@cpu_0:64108
                           016@0100.12.05.02.003
                                                  0x0000
                                                           0.53
                                                                 m/s
                                                                      0x0001
                                                                               wind_speed_min
13006
       ch06@cpu_0:64108
                          016@0100.12.06.02.003
                                                  0x0000
                                                           5.06
                                                                 m/s
                                                                      0x0001
                                                                               wind_speed_peak
```

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```
13007
       ch07@cpu_0:64108
                           016@0100.12.07.02.003
                                                   0x0000
                                                                       0x0001
                                                            3.43
                                                                  m/s
                                                                                wind_speed_gust
                           016@0100.12.08.02.003
13008
       ch08@cpu_0:64108
                                                   0x0000
                                                            2.46
                                                                  m/s
                                                                        0x0001
                                                                                wind_speed_lull
13009
       ch09@cpu_0:64108
                           016@0100.12.09.02.003
                                                   0x0000
                                                            354
                                                                  deg
                                                                       0x0001
                                                                                wind_direction_max
13010
       ch10@cpu_0:64108
                           016@0100.12.10.02.003
                                                   0x0000
                                                            041
                                                                  deg
                                                                       0x0001
                                                                                wind_direction_min
                           016@0100.12.11.02.003
13011
       ch11@cpu_0:64108
                                                   0x0000
                                                            056
                                                                 deg
                                                                       0x0001
                                                                                wind_direction_at_wind_peak
13012
       ch12@cpu 0:64108
                           016@0100.12.12.02.003
                                                   0x0000
                                                            1
                                                               n
                                                                   0x0001
                                                                           signal quality rg
                            016@0100.12.19.02.003
S3180
        ch19@cpu_0:64108
                                                    0x0000
                                                             0x0001
                                                                     bit
                                                                          status wmt702
imd(60000)>get sm09 ta
26/07/2017
           18:23:18.0 cpu_0:64110:wmt702d-12
P3180
        ch00@cpu_0:64110
                            016@0100.12.00.02.003
                                                    0x0000
                                                             -99.99
                                                                        0x0001
                                                                     n
                                                                                 wind_processed
                           016@0100.12.01.02.003
13001
       ch01@cpu_0:64110
                                                   0x0000
                                                            043
                                                                 deg
                                                                       0x0001
                                                                                wind_direction_3s_avg
13002
       ch02@cpu_0:64110
                           016@0100.12.02.02.003
                                                   0x0000
                                                            0.16
                                                                  m/s
                                                                        0x0001
                                                                                wind_speed_3s_avg
13003
       ch03@cpu 0:64110
                           016@0100.12.03.02.003
                                                   0x0000
                                                            -0.12
                                                                   m/s
                                                                        0x0001
                                                                                 wind speed avg x
13004
       ch04@cpu 0:64110
                           016@0100.12.04.02.003
                                                   0x0000
                                                            -0.11
                                                                   m/s
                                                                        0x0001
                                                                                 wind speed avg y
                                                                                wind_speed_min
13005
       ch05@cpu_0:64110
                           016@0100.12.05.02.003
                                                   0x0000
                                                            0.13
                                                                  m/s
                                                                        0x0001
13006
       ch06@cpu 0:64110
                           016@0100.12.06.02.003
                                                   0x0000
                                                            0.20
                                                                  m/s
                                                                        0x0001
                                                                                wind speed peak
13007
       ch07@cpu 0:64110
                           016@0100.12.07.02.003
                                                   0x0000
                                                            0.16
                                                                  m/s
                                                                        0x0001
                                                                                wind speed gust
13008
       ch08@cpu_0:64110
                           016@0100.12.08.02.003
                                                   0x0000
                                                            0.08
                                                                  m/s
                                                                        0x0001
                                                                                wind_speed_lull
13009
                           016@0100.12.09.02.003
                                                   0x0000
                                                                       0x0001
       ch09@cpu_0:64110
                                                            058
                                                                                wind_direction_max
                                                                 deg
13010
       ch10@cpu_0:64110
                           016@0100.12.10.02.003
                                                   0x0000
                                                                 deg
                                                                       0x0001
                                                            033
                                                                                wind_direction_min
13011
       ch11@cpu_0:64110
                           016@0100.12.11.02.003
                                                   0x0000
                                                                       0x0001
                                                                                wind_direction_at_wind_peak
                                                            058
                                                                 deg
13012
       ch12@cpu_0:64110
                           016@0100.12.12.02.003
                                                   0x0000
                                                            1
                                                               n
                                                                   0x0001
                                                                           signal_quality_rg
S3180
       ch19@cpu_0:64110
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x0001
                                                                      bit
                                                                          status_wmt702
jmd(60000)>get sm10 ta
26/07/2017 18:23:28.0 cpu_0:64111:vaa252wav151d-12
P3180
       ch00@cpu_0:64111
                            016@0100.12.00.02.003
                                                    0xffff
                                                           -99.99
                                                                  n
                                                                      0x0001
                                                                               wind_processed
13001
       ch01@cpu 0:64111
                           016@0100.12.01.02.003
                                                   0x0000
                                                            230
                                                                  deg
                                                                       0x0001
                                                                                wind direction 3s avg
13002
       ch02@cpu_0:64111
                           016@0100.12.02.02.003
                                                   0x0000
                                                            0.00
                                                                  m/s
                                                                        0x0001
                                                                                wind_speed_3s_avg
13003
       ch03@cpu_0:64111
                           016@0100.12.03.02.003
                                                   0x0000
                                                            -1.48
                                                                        0x0001
                                                                                 wind_speed_avg_x
                                                                   m/s
13004
       ch04@cpu_0:64111
                           016@0100.12.04.02.003
                                                   0x0000
                                                            -1.84
                                                                        0x0001
                                                                   m/s
                                                                                 wind_speed_avg_y
13005
       ch05@cpu_0:64111
                           016@0100.12.05.02.003
                                                   0x0000
                                                            0.53
                                                                  m/s
                                                                        0x0001
                                                                                wind_speed_min
13006
       ch06@cpu_0:64111
                           016@0100.12.06.02.003
                                                   0x0000
                                                            5.06
                                                                  m/s
                                                                        0x0001
                                                                                wind_speed_peak
13007
       ch07@cpu 0:64111
                           016@0100.12.07.02.003
                                                   0x0000
                                                            3.43
                                                                  m/s
                                                                        0x0001
                                                                                wind speed gust
13008
       ch08@cpu_0:64111
                           016@0100.12.08.02.003
                                                   0x0000
                                                            2.46
                                                                        0x0001
                                                                                wind speed lull
                                                                  m/s
       ch09@cpu_0:64111
                           016@0100.12.09.02.003
                                                                       0x0001
13009
                                                   0x0000
                                                            354
                                                                  dea
                                                                                wind_direction_max
13010
       ch10@cpu_0:64111
                           016@0100.12.10.02.003
                                                   0x0000
                                                            041
                                                                  deg
                                                                       0x0001
                                                                                wind_direction_min
13011
       ch11@cpu 0:64111
                           016@0100.12.11.02.003
                                                   0x0000
                                                                  deg
                                                                       0x0001
                                                            056
                                                                                wind direction at wind peak
                                                                           signal_quality_rg
13012
       ch12@cpu 0:64111
                           016@0100.12.12.02.003
                                                   0x0000
                                                            1
                                                               n
                                                                   0x0001
S3180
       ch19@cpu_0:64111
                            016@0100.12.19.02.003
                                                    0x0000
                                                             0x0001
                                                                     bit
                                                                          status wmt702
```

### #20 - 2017-07-27 11:50 - Milorad Brujić

### V rvr.xls

Milorad Brujic

spremenjena imena "measuring physucal properties" (AG)

dodane vrstice 10,11,12 v "assembling" (AI) ustrezno spremenjen "channel property code" (AU in AW ter BJ) pcode za nekatere kanale so vpisane, vse ostale spremenjene na Ixxxx (AX)

Meje vidljivosti so povišane iz 2000 na 2100, meje za padavine so zmanjšane iz 0.05 na 0 (BF,BS,BT,BU,BV,BZ,CA, CR,CS,CT,CU,CY,CZ

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Posodobljena rvrd-a in rvrd-b z novimi kodami pcode, cpcode, mejnimi vrednostmi ...

Posodobljene Pcode za redudančne ptb330d-r in cl31d-12.

#### V PA izpisih samo Pxxxx.

```
jmd(60000)>get jmd
Station
name
        : amws
code
       : M493
 type : 016
file : K01
`-- CPU 0:172.19.74.195:3000 1000EO800
   `--o jmd:60000:tcp
     |--<> sm:00:cpuref=CPU_0:64101:rvrd-a:enabled:report=enabled
     |--<> sm:01:cpuref=CPU_0:64102:rvrd-b:enabled:report=enabled
     |--<> sm:02:cpuref=CPU_0:64103:ptb330d-p:enabled:report=enabled
     |--<> sm:03:cpuref=CPU_0:64104:ct25kd-30:enabled:report=enabled
     |--<> sm:04:cpuref=CPU_0:64105:ptb330d-r:enabled:report=enabled
     |--<> sm:05:cpuref=CPU_0:64106:cl31d-12:enabled:report=enabled
     |--<> sm:06:cpuref=CPU_0:64107:wmt702d-30:enabled:report=enabled
     |--<> sm:07:cpuref=CPU_0:64108:vaa252wav151d-30:enabled:report=enabled
     |--<> sm:08:cpuref=CPU 0:64109:hmp155d-r:enabled:report=enabled
     |--<> sm:09:cpuref=CPU_0:64110:wmt702d-12:enabled:report=enabled
     |--<> sm:10:cpuref=CPU_0:64111:vaa252wav151d-12:enabled:report=enabled
     |--<> sm:11:cpuref=CPU_0:64112:mbio120d-ko:enabled:report=enabled
     |--<> sm:12:cpuref=CPU_1:60002:hmp155d-p:enabled:report=enabled
     |--<> sm:13:cpuref=CPU_1:60004:pluvio2d:enabled:report=enabled
     |--<> sm:14:cpuref=CPU 1:60006:lpmd:enabled:report=enabled
     |--<> sm:15:cpuref=CPU_1:60007:shm30d:enabled:report=enabled
     |--<> sm:16:cpuref=CPU_1:60008:iod:enabled:report=enabled
     |--<> sm:17:cpuref=CPU_1:60010:uc8410iod:enabled:report=enabled
     |--<> sm:18:cpuref=CPU 1:64001:pico64d-10:enabled:report=enabled
     |--<> sm:19:cpuref=CPU_1:64002:pico64d-20:enabled:report=enabled
     |--<> sm:20:cpuref=CPU_1:64003:pico64d-30:enabled:report=enabled
     |--<> sm:21:cpuref=CPU_1:64004:spn1d:enabled:report=enabled
     `--<> sm:22:cpuref=CPU_1:64005:smp11d:enabled:report=enabled
jmd(60000)>get pa
P0@cpu_0:60000 14:05 01/08/2017 14:01 01/08/2017 13:51 01/08/2017 14:00 01/08/2017 13:44 01/08/2017 00008
M493 016
P0@cpu_0:64101 14:05 01/08/2017 14:01 01/08/2017 13:51 01/08/2017 14:00 01/08/2017 13:40
                                                                                                   01/08/2017 00008
M493 016
P3213 ch04@cpu 0:64101 016@0180.14.04.10.002 100
                                                        0x0000 2100
                                                                      2100
                                                                              13:51
                                                                                     2100
                                                                                            13:51
                                                                                                   2100
                                                                                                        0.0
0x0000004000000000
P3224 ch09@cpu_0:64101 016@0180.14.09.10.002 100
                                                        0x0000
                                                                 3825
                                                                        3847
                                                                              14:00
                                                                                     3811
                                                                                            13:52
                                                                                                   3846
                                                                                                         13.4
0x0000004000000000
P3214 ch25@cpu 0:64101 016@0180.14.25.01.001
                                                        0x0000
                                                  100
                                                                 2100
                                                                       2100
                                                                              13:51
                                                                                     2100
                                                                                            13:51
0x0000004000000000
P3215 ch40@cpu_0:64101 016@0180.14.40.12.002 100 0x0000 2100 2100
                                                                              13:51
                                                                                     2100
                                                                                            13:51
                                                                                                   2100
```

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P3271

ch08@cpu\_0:64106

016@0186.12.08.01.001

```
P3223 ch45@cpu_0:64101 016@0180.14.45.12.002 100 0x0000 3824 3846 14:00 3811 13:52
                                                                                             3846
                                                                                                   13.0
0x0000004000000000
P0@cpu_0:64102 14:05 01/08/2017 14:01 01/08/2017 13:51 01/08/2017 14:00 01/08/2017 13:40
                                                                                               01/08/2017
                                                                                                           00008
M493 016
P3213 ch04@cpu 0:64102 016@0180.14.04.10.002 0 0x0800
                                                            -999
                                                                 -999
                                                                       99:99
                                                                              -999
                                                                                    99:99
                                                                                          -999
                                                                                                -99.9
0x0000000000000000
P3224 ch09@cpu 0:64102 016@0180.14.09.10.002 0
                                                   0x0800
                                                            -999
                                                                 -999
                                                                       99:99
                                                                              -999
                                                                                    99:99
                                                                                          -999
                                                                                                -99.9
0x0000000000000000
P3214 ch25@cpu_0:64102 016@0180.14.25.01.001 0 0x0800
                                                           -999
                                                                 -999
                                                                       99:99
                                                                              -999
                                                                                    99:99
                                                                                          -999
                                                                                                -99.9
0x0000000000000000
P3215 ch40@cpu_0:64102 016@0180.14.40.12.002 0
                                                   0x0800
                                                            -999
                                                                  -999
                                                                       99:99
                                                                              -999
                                                                                    99:99
                                                                                           -999
                                                                                                -99.9
0x0000000000000000
P3223 ch45@cpu 0:64102 016@0180.14.45.12.002 0 0x0800
                                                            -999
                                                                 -999
                                                                       99:99
                                                                              -999
                                                                                    99:99
                                                                                          -999
                                                                                                -99.9
0x0000000000000000
P0@cpu 0:64103 14:05 01/08/2017 14:01 01/08/2017
                                                    13:51
                                                           01/08/2017
                                                                       14:00
                                                                             01/08/2017
                                                                                         13:40
                                                                                                01/08/2017
M493 016
P3090 ch00@cpu_0:64103 016@0047.12.01.01.002 100
                                                     0x0000 974.02 974.08 13:51 973.97 13:59 973.97 0.03
0x00000001
                                                             -1.72 0x00000001
P3091
       ch01@cpu_0:64103 016@0047.12.02.01.002 100
                                                     0x0000
                                                             7 0x0000001
P3092 ch02@cpu_0:64103
                         016@0047.12.03.01.002
                                                100
                                                     0x0000
P0@cpu_0:64104 14:05 01/08/2017 14:01 01/08/2017
                                                     13:51 01/08/2017 14:00 01/08/2017 13:40 01/08/2017 00008
M493
      016
                          016@0186.12.00.01.001
                                                                 22000 0 ///
P3250
       ch00@cpu_0:64104
                                                100
                                                     0x0000
                                                              1
                                                                              0 /// 0 /// 0x00000040
                                                                 0x00000040
P3251
       ch01@cpu_0:64104
                          016@0186.12.01.01.001
                                                100
                                                     0x0000
                                                              1
P3252
       ch02@cpu_0:64104
                          016@0186.12.02.01.001
                                                100
                                                     0x0000
                                                              22000 0x00000040
                                                     0x0000
                                                                   0x00000040
P3253
       ch03@cpu 0:64104
                          016@0186.12.03.01.001
                                                100
                                                              6710
P3254
       ch04@cpu_0:64104
                          016@0186.12.04.01.001
                                                100
                                                     0x0000
                                                              0
                                                                 0x00000040
P3255
       ch05@cpu_0:64104
                          016@0186.12.05.01.001
                                                100
                                                     0x0000
                                                              ///
                                                                 0x00000040
P3256
       ch06@cpu_0:64104
                          016@0186.12.06.01.001
                                                100
                                                     0x0000
                                                             ///
                                                                 0x00000040
P3257
       ch07@cpu_0:64104
                          016@0186.12.07.01.001
                                                100
                                                     0x0000
                                                              0
                                                                 0x00000040
P3258
       ch08@cpu_0:64104
                          016@0186.12.08.01.001
                                                100
                                                     0x0000
                                                             ///
                                                                 0x00000040
P3259
       ch09@cpu 0:64104
                          016@0186.12.09.01.001
                                                100
                                                     0x0000
                                                              ///
                                                                 0x00000040
P3260
       ch10@cpu 0:64104
                          016@0186.12.10.01.001
                                                100
                                                     0x0000
                                                              0
                                                                 0x00000040
P3261
       ch11@cpu_0:64104
                          016@0186.12.11.01.001
                                                100
                                                     0x0000
                                                              ///
                                                                 0x00000040
P3262 ch12@cpu_0:64104
                          016@0186.12.12.01.001
                                                100
                                                     0x0000
                                                              ///
                                                                 0x00000040
P0@cpu 0:64105 14:05 01/08/2017 14:01 01/08/2017
                                                     13:51 01/08/2017 14:00
                                                                             01/08/2017 13:40 01/08/2017 00008
      016
M493
P3093
       ch00@cpu_0:64105 016@0047.12.01.01.002 100
                                                     0x0000
                                                              974.03 974.09
                                                                            13:51 973.98 13:58 973.98
0x0000001
P3094
                                                     0x0000
                                                             -1.72 0x00000001
       ch01@cpu_0:64105 016@0047.12.02.01.002
                                                100
P3095
       ch02@cpu_0:64105
                         016@0047.12.03.01.002
                                                100
                                                     0x0000
                                                             7
                                                                0x0000001
P0@cpu_0:64106 14:05 01/08/2017 14:01 01/08/2017
                                                     13:51 01/08/2017 14:00 01/08/2017 13:40 01/08/2017
                                                                                                          00008
M493
      016
P3263
       ch00@cpu_0:64106
                          016@0186.12.00.01.001
                                                100
                                                     0x0000
                                                              0
                                                                /// 0 /// 0 /// 0 x00000180
       ch01@cpu_0:64106
                          016@0186.12.01.01.001
                                                     0x0000
                                                              0
                                                                 0x00000180
P3264
                                                100
                          016@0186.12.02.01.001
                                                     0x0000
                                                                 0x00000180
P3265
       ch02@cpu 0:64106
                                                100
                                                             ///
P3266
       ch03@cpu 0:64106
                          016@0186.12.03.01.001
                                                100
                                                     0x0000
                                                             ///
                                                                 0x00000180
P3267
       ch04@cpu_0:64106
                          016@0186.12.04.01.001
                                                100
                                                     0x0000
                                                              0
                                                                 0x00000180
P3268
       ch05@cpu 0:64106
                          016@0186.12.05.01.001
                                                100
                                                     0x0000
                                                                 0x00000180
                                                              ///
                          016@0186.12.06.01.001
                                                                 0x00000180
P3269
       ch06@cpu 0:64106
                                                100
                                                     0x0000
                                                              ///
                          016@0186.12.07.01.001
                                                                 0x00000180
P3270
       ch07@cpu_0:64106
                                                100
                                                     0x0000
                                                              0
```

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0x0000

///

0x00000180

100

```
P3272 ch09@cpu_0:64106 016@0186.12.09.01.001
                                             100
                                                  0x0000 ///
                                                             0x00000180
P3273 ch10@cpu_0:64106
                        016@0186.12.10.01.001
                                             100
                                                  0x0000
                                                          0
                                                             0x00000180
P3274 ch11@cpu_0:64106 016@0186.12.11.01.001
                                             100
                                                  0x0000
                                                         ///
                                                             0x00000180
P3275 ch12@cpu_0:64106 016@0186.12.12.01.001
                                             100
                                                  0x0000 ///
                                                             0x00000180
P0@cpu_0:64107 14:05 01/08/2017 14:01 01/08/2017 13:51 01/08/2017 14:00 01/08/2017 13:40 01/08/2017 00008
M493 016
P3180 ch00@cpu 0:64107 016@0100.12.00.02.003 99 0x0000 3.11 084 4.49 093 13:52 1.53
                                                                                         059
                                                                                             13:59
                                                                                                   0.03 0.01
0.12 5.06 13:52 1.14 13:59 3.15 0840.99 0x0001
P0@cpu_0:64108 14:05 01/08/2017 14:01 01/08/2017
                                                 13:51 01/08/2017 14:00 01/08/2017
                                                                                   13:40
                                                                                         01/08/2017
                                                                                                    00008
M493 016
P3180 ch00@cpu_0:64108 016@0100.12.00.02.003 100 0x0000 2.66 082 3.80 095 13:52
                                                                                   1.60
                                                                                         101
                                                                                              13:55
 0.11 5.06 13:51 0.53 13:51 2.72 0810.98 0x0001
P0@cpu 0:64109 14:05 01/08/2017 14:01 01/08/2017 13:51 01/08/2017 14:00 01/08/2017 13:40 01/08/2017 00008
M493 016
                        016@0035.12.01.22.002
                                                  0x0000
                                                          42 46
                                                                13:52 40
P3050 ch07@cpu 0:64109
                                            100
                                                                           13:59
                                                                                  42
                                                                                     1.3
P3011 ch08@cpu 0:64109
                        016@0035.12.03.22.002
                                             100
                                                  0x0000
                                                          32.0
                                                               32.1
                                                                    13:52
                                                                          31.9
                                                                                13:51
                                                                                      32.1
                                                                                           0.1
P3052 ch09@cpu 0:64109
                        016@0035.12.04.22.002
                                             100
                                                  0x0000
                                                         17.4
                                                               19.0 13:52
                                                                          16.6
                                                                               13:58
                                                                                     17.5
                                                                                          0.5 0x0002
P3051 ch12@cpu 0:64109 016@0035.12.07.22.002 100
                                                  0x0000 22.1
                                                               23.0 13:52 21.6
                                                                               13:58 22.2 0.3
                                                                                                0x0002
P0@cpu_0:64110 14:05 01/08/2017 14:01 01/08/2017
                                                 13:51 01/08/2017 14:00 01/08/2017 13:40 01/08/2017 00008
M493 016
P3180 ch00@cpu_0:64110 016@0100.12.00.02.003 98 0x0000 0.75 134 4.54 118 13:51 0.05 083 14:00 0.01 0.02
0.02 4.95 13:51 0.04 14:00 1.17 1370.64 0x0001
P0@cpu 0:64111 14:05 01/08/2017 14:01 01/08/2017 13:51 01/08/2017 14:00 01/08/2017 13:40 01/08/2017
                                                                                                    00008
M493 016
P3180 ch00@cpu_0:64111 016@0100.12.00.02.003 100 0x0000 0.67 130 4.10 123 13:51 0.00
                                                                                          095 13:57 0.02 0.02
 0.02 5.06 13:51 0.53 13:51 0.99 1350.68 0x0001
P0@cpu 0:64112 14:05 01/08/2017 14:01 01/08/2017 13:51 01/08/2017 14:00 01/08/2017 13:40 01/08/2017
M493 016
P4070 ch04@cpu_0:64112 016@0001.12.01.97.004 100
                                                  0x0000 24.6 24.6 13:52 24.6 14:00
                                                                                      24.6
P4014 ch05@cpu 0:64112 016@0001.12.02.97.004
                                             100
                                                  0x0000
                                                          24.5
                                                               24.5 13:51
                                                                           24.5 13:51
                                                                                      24.5
P4035 ch06@cpu_0:64112 016@0001.12.03.97.004
                                             100
                                                  0x0000
                                                          58
                                                              58 13:51
                                                                       58
                                                                           13:52
                                                                                  58
P0@cpu_1:60002 14:05 01/08/2017 14:01 01/08/2017
                                                 13:51 01/08/2017
                                                                  14:00 01/08/2017 17:20 20/07/2017 00008
M493 016
P3045 ch00@cpu 1:60002 016@0035.12.01.22.002 100
                                                  0x8000
                                                          42
                                                             46
                                                                13:52 39
                                                                           13:59 42 1.3
                                                                                          0x0003
P3010 ch01@cpu 1:60002 016@0035.12.03.22.002
                                             100
                                                  0x8000
                                                          31.9
                                                               32.1
                                                                    13:52
                                                                          31.8 13:51
                                                                                      32.0 0.1
                                                 13:51 01/08/2017 14:00 01/08/2017 17:20 20/07/2017 00008
P0@cpu 1:60004 14:05 01/08/2017 14:01 01/08/2017
M493 016
P3120 ch03@cpu 1:60004 016@0120.12.04.04.012 100
                                                  0x8000
                                                         0.00 0.00 0.00 0.00 0x00010000
P3121 ch05@cpu_1:60004 016@0120.12.06.04.012 100
                                                  0x8000
                                                          286.83 3.46 -0.08 0x00010000
P0@cpu_1:60006 14:05 01/08/2017 14:01 01/08/2017
                                                 13:51 01/08/2017 14:00 01/08/2017 17:20 20/07/2017 00008
M493 016
P3124 ch01@cpu_1:60006 016@0123.12.02.06.001
                                             100
                                                  0x8000
                                                          0.000 0.000 0.000 13:51 0.000 13:56 0x0000
P3125 ch02@cpu_1:60006
                        016@0123.12.03.06.001
                                             100
                                                  0x8000
                                                          0.00 0.00 0.00 0.00 0x0000
                                                          00 00 0x0000
P3126 ch03@cpu_1:60006
                        016@0123.12.04.06.001
                                             100
                                                  0x8000
P3127 ch07@cpu_1:60006 016@0123.12.08.06.001
                                             100
                                                  0008x0
                                                          -9.9 -9.9
                                                                   -9.9
                                                                        13:51 -9.9 13:56
                                                                                         0x0000
P0@cpu_1:60007 14:05 01/08/2017 14:01 01/08/2017
                                                 13:51 01/08/2017 14:00 01/08/2017 17:20
                                                                                         20/07/2017 00008
M493 016
P3150 ch00@cpu 1:60007 016@0126.11.01.06.001
                                             100
                                                  0x8000
                                                          0.1 0.1 0.1 0x0000
P3151 ch01@cpu_1:60007 016@0126.11.02.06.001
                                             100
                                                  0x8000 2.578 2.595 2.562 0x0000
P0@cpu 1:60008 14:05 01/08/2017 14:01 01/08/2017
                                                 13:51 01/08/2017 14:00 01/08/2017 17:20 20/07/2017 00008
M493 016
```

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0x8000

0x8000

34.1

000000000 0 0

13:53

34.0 13:51 34.0 0.0

34.1

P3129 ch00@cpu\_1:60008 016@0120.12.01.03.001 100

P3005 ch08@cpu\_1:60008 016@0001.12.02.30.011 100

```
ch11@cpu_1:60008
                           016@0010.12.05.05.008
                                                                                          13:51
P3370
                                                   100
                                                        0x8000
                                                                 37.9
                                                                       38.0
                                                                             14:00
                                                                                    37.9
                                                                                                 38.0
                                                                                                       0.0
P3371
       ch12@cpu_1:60008
                           016@0010.12.05.06.008
                                                   100
                                                        0x8000
                                                                 30.4
                                                                       30.5
                                                                             13:59
                                                                                    30.3
                                                                                          13:51
                                                                                                 30.5
                                                                                                       0.1
P3372
       ch13@cpu_1:60008
                           016@0010.12.05.07.008
                                                   100
                                                         0x8000
                                                                 26.4
                                                                       26.5
                                                                             13:58
                                                                                    26.4
                                                                                          13:51
                                                                                                 26.5
                                                                                                       0.0
P3373
       ch14@cpu_1:60008
                           016@0010.12.05.08.008
                                                   100
                                                        0x8000
                                                                 23.8
                                                                       23.9
                                                                             13:57
                                                                                    23.8
                                                                                          13:51
                                                                                                 23.9
                                                                                                       0.0
P3374
       ch15@cpu_1:60008
                           016@0010.12.05.09.008
                                                   100
                                                         0x8000
                                                                 22.8
                                                                       22.9
                                                                             13:51
                                                                                    22.8
                                                                                          13:51
                                                                                                 22.9
                                                                                                       0.0
P0@cpu 1:60010 14:05
                        01/08/2017 14:01
                                           01/08/2017
                                                        13:51
                                                              01/08/2017
                                                                           14:00
                                                                                 01/08/2017
                                                                                              17:20
                                                                                                     20/07/2017 00008
M493 016
P0@cpu_1:64001
                 14:05
                         01/08/2017
                                           01/08/2017
                                                        13:51
                                                               01/08/2017
                                                                           14:00
                                                                                  01/08/2017
                                                                                              17:20
                                                                                                     20/07/2017
                                     14:01
M493
      016
P3390
                           016@0132.12.01.01.002
                                                         0x8000
                                                                 22.7
                                                                       23.3
                                                                                    21.9
                                                                                          14:00
       ch00@cpu_1:64001
                                                   100
                                                                             13:57
                                                                                                 22.6
                                                                                                       0.3
P3391
       ch01@cpu_1:64001
                           016@0132.12.02.01.002
                                                   100
                                                         0x8000
                                                                 41.6
                                                                       41.7
                                                                             13:58
                                                                                    41.4
                                                                                          13:51
                                                                                                 41.7
                                                                                                       0.1
                                                                                                            0x0000
P3392
       ch02@cpu_1:64001
                           016@0132.12.03.01.002
                                                   100
                                                         0x8000
                                                                 2.94
                                                                       3.11
                                                                             14:00
                                                                                    2.78
                                                                                          13:57
                                                                                                 2.95
                                                                                                       0.08
                                                                                                             0x0000
P0@cpu 1:64002 14:05 01/08/2017 14:01
                                           01/08/2017
                                                        13:51
                                                              01/08/2017
                                                                           14:00
                                                                                 01/08/2017
                                                                                              17:20
                                                                                                     20/07/2017
M493
      016
P3393
       ch00@cpu 1:64002
                           016@0132.12.01.02.002
                                                   100
                                                        0x8000
                                                                 36.5
                                                                       36.7
                                                                             13:56
                                                                                    35.9
                                                                                          13:51
                                                                                                 36.5
                                                                                                       0.2
                                                                                                            0x0000
P3394
       ch01@cpu 1:64002
                           016@0132.12.02.02.002
                                                   100
                                                         0x8000
                                                                 33.5
                                                                       33.6
                                                                             13:56
                                                                                    33.3
                                                                                          13:51
                                                                                                 33.5
                                                                                                       0.1
                                                                                                            0x0000
P3395
       ch02@cpu 1:64002
                           016@0132.12.03.02.002
                                                   100
                                                         0x8000
                                                                 3.20
                                                                       3.30
                                                                             13:51
                                                                                    3.15
                                                                                          13:56
                                                                                                 3.21
                                                                                                       0.04
                                                                                                             0x0000
P0@cpu_1:64003 14:05 01/08/2017 14:01 01/08/2017
                                                        13:51 01/08/2017
                                                                           14:00 01/08/2017 17:20
                                                                                                    20/07/2017 00008
M493
      016
                                                                             13:54
P3396
                           016@0132.12.01.03.002
                                                        0x8000
                                                                       28 2
                                                                                    26.9
                                                                                          13:52
       ch00@cpu_1:64003
                                                   100
                                                                 27.5
                                                                                                 27.5
                                                                                                       0.3
                                                                                                            0x0000
                                                                 29.8
                                                                       29.9
                                                                                          13:51
P3397
       ch01@cpu_1:64003
                           016@0132.12.02.03.002
                                                                                    29.7
                                                                                                 29.9
                                                   100
                                                         0x8000
                                                                             13:54
                                                                                                       0.0
                                                                                                            0x0000
P3398
       ch02@cpu_1:64003
                           016@0132.12.03.03.002
                                                   100
                                                        0x8000
                                                                 3.20
                                                                       3.33
                                                                             13:52
                                                                                    3.06
                                                                                          13:54
                                                                                                 3.20
                                                                                                       0.07
                                                                                                             0x0000
P0@cpu_1:64004 14:05 01/08/2017 14:01
                                           01/08/2017
                                                        13:51
                                                              01/08/2017
                                                                           14:00
                                                                                 01/08/2017
                                                                                              17:20
                                                                                                     20/07/2017
M493
      016
P3302
       ch00@cpu_1:64004
                           016@0043.11.01.05.003
                                                   100
                                                        0x8000
                                                                 789.5
                                                                        795.8
                                                                               13:51
                                                                                      779.7
                                                                                             14:00
                                                                                                     782.0
                                                                                                           4.3
P3303
       ch01@cpu_1:64004
                           016@0043.11.02.05.003
                                                   100
                                                         0x8000
                                                                 106.6
                                                                       110.3
                                                                               13:53
                                                                                      101.3
                                                                                             14:00
                                                                                                     102.3 2.3
P3304
       ch02@cpu 1:64004
                           016@0043.11.08.05.003
                                                   100
                                                         0x8000
                                                                 1111111111
                                                                              10
                                                                                  5
                                                                                      5
                                                                                         519
P0@cpu 1:64005 14:05 01/08/2017 14:01
                                           01/08/2017
                                                        13:51
                                                               01/08/2017
                                                                           14:00
                                                                                  01/08/2017
                                                                                              17:20
                                                                                                     20/07/2017
                                                                                                                 80000
M493
       016
P3300
       ch00@cpu_1:64005 016@0043.12.01.02.008 100
                                                        0x8000
                                                                 790.0 797.0
                                                                              13:51
                                                                                      784.0
                                                                                             14:00
                                                                                                                0x0000
                                                                                                    784.7
```

### #22 - 2017-08-01 20:28 - Jernej Perdan

Opravljena je bila namestitev dgwd na postaji z IPKG.

dgwd(61000)>get jmd

```
Station
 name
         :
           amws
           M493
  code
  type :
           016
  file
     : K01
`-- CPU_0:172.19.74.195:3000_1000EO800
  `--o dgwd:61000:tcp
     |--<> sm:00:cpuref=CPU_0:64101:rvrd-a:enabled:report=enabled
     |--<> sm:01:cpuref=CPU_0:64102:rvrd-b:enabled:report=enabled
     |--<> sm:02:cpuref=CPU 0:64103:ptb330d-p:enabled:report=enabled
     |--<> sm:03:cpuref=CPU 0:64104:ct25kd-30:enabled:report=enabled
     |--<> sm:04:cpuref=CPU_0:64105:ptb330d-r:enabled:report=enabled
     |--<> sm:05:cpuref=CPU_0:64106:cl31d-12:enabled:report=enabled
```

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```
|--<> sm:06:cpuref=CPU_0:64107:wmt702d-30:enabled:report=enabled
|--<> sm:07:cpuref=CPU_0:64108:vaa252wav151d-30:enabled:report=enabled
|--<> sm:08:cpuref=CPU_0:64109:hmp155d-r:enabled:report=enabled
|--<> sm:09:cpuref=CPU_0:64110:wmt702d-12:enabled:report=enabled
|--<> sm:10:cpuref=CPU_0:64111:vaa252wav151d-12:enabled:report=enabled
|--<> sm:11:cpuref=CPU 0:64112:mbio120d-ko:enabled:report=enabled
|--<> sm:12:cpuref=CPU_1:60002:hmp155d-p:enabled:report=enabled
|--<> sm:13:cpuref=CPU_1:60004:pluvio2d:enabled:report=enabled
|--<> sm:14:cpuref=CPU_1:60006:lpmd:enabled:report=enabled
|--<> sm:15:cpuref=CPU_1:60007:shm30d:enabled:report=enabled
|--<> sm:16:cpuref=CPU_1:60008:iod:enabled:report=enabled
|--<> sm:17:cpuref=CPU_1:60010:uc8410iod:enabled:report=enabled
|--<> sm:18:cpuref=CPU 1:64001:pico64d-10:enabled:report=enabled
|--<> sm:19:cpuref=CPU 1:64002:pico64d-20:enabled:report=enabled
|--<> sm:20:cpuref=CPU_1:64003:pico64d-30:enabled:report=enabled
|--<> sm:21:cpuref=CPU 1:64004:spn1d:enabled:report=enabled
`--<> sm:22:cpuref=CPU 1:64005:smp11d:enabled:report=enabled
```

### #23 - 2017-08-02 09:43 - Milorad Brujić

Na svn oddal najnovejšo verzijo popravljenega rvr.xls, rvr\_data\_format.doc, rvr\_data\_telegram.doc M.Brujic 2.8.2017 ob 9:40

## #24 - 2017-08-11 19:29 - Andreja Kolenc

- Vrsta zahtevka se je spremenilo iz Podpora v Hrošč
- Dodeljen se je spremenilo iz Darko Lombardo v Nikola Kostić
- Prioriteta se je spremenilo iz Visoka v Takojšnje ukrepanje

Iz senzorja spn1 ni zajema podatkov.

## #25 - 2017-08-11 19:30 - Andreja Kolenc

```
      11/08/2017
      18:21:00.0
      cpu_1:64004:spn1d

      P3302
      ch00@cpu_1:64004
      016@0043.11.01.05.003
      0x8400 -99.9
      W/m2
      global_solar_radiation

      P3303
      ch01@cpu_1:64004
      016@0043.11.02.05.003
      0x8400 -99.9
      W/m2
      diffuse_solar_radiation

      P3304
      ch02@cpu_1:64004
      016@0043.11.08.05.003
      0x8400 -999
      bit
      sunshine_duration
```

# #26 - 2017-08-14 16:08 - Nikola Kostić

Kot se spodaj vidi, se je senzor parkrat vračal v komunikacijo. Predviden je pregled v sredo (sum na zaščito).

ssh root@172.19.74.196

#...

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#...

## spn1d(64004)>get ta

14/08/2017 08:46:30.0 cpu\_1:64004:spn1d

## spn1d(64004)>get pa ch00 300 400

-1	( /- 91-							
P330	2 ch00@cpu_	1:64004	016@0	043.11.01.05.00	03 globa	l_solar_radia	ation	
300	12/08/2017	06:50:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
301	12/08/2017	06:40:00.0	5	0x8800 105.8	106.3	06:37 104.9	9 06:38 -99.9	8.0
302	12/08/2017	06:30:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
303	12/08/2017	06:20:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
304	12/08/2017	06:10:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
305	12/08/2017	06:00:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
306	12/08/2017	05:50:00.0	18	0x8800 16.1	21.8 0	5:47 11.5	05:42 -99.9	3.6
307	12/08/2017	05:40:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
308	12/08/2017	05:30:00.0	7	0x8800 7.9	8.2 05	:23 7.6 0	5:23 -99.9 0	.2
#								
368	11/08/2017	19:30:00.0	25	0x8800 6.2	8.5 19	9:23 4.1 1	19:30 4.4 1	.6
369	11/08/2017	19:20:00.0	3	0x8800 9.4	9.6 19:	:19 9.2 1	9:19 -99.9 0	.3
370	11/08/2017	19:10:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
371	11/08/2017	19:00:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
372	11/08/2017	18:50:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
373	11/08/2017	18:40:00.0	17	0x8800 59.5	62.9 1	8:34 54.4	18:38 -99.9	2.7
374	11/08/2017	18:30:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
375	11/08/2017	18:20:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
376	11/08/2017	18:10:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
377	11/08/2017	18:00:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
378	11/08/2017	17:50:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
379	11/08/2017	17:40:00.0	2	0x8800 221.3	221.3	17:39 221.3	3 17:39 -99.9	99.
380	11/08/2017	17:30:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9
381	11/08/2017	17:20:00.0	0	0x0800 -99.9	-99.9 9	9:99 -99.9	99:99 -99.9	-99.9

### #27 - 2017-08-14 16:14 - Nikola Kostić

Še ena potencijalna težava je opažena, in sicer za SHM30.

V enem trenutku je kazalo kot da je tudi ta senzor v izpadu, na drugi upit je pa kazalo ok.

 14/08/2017
 08:46:30.0
 cpu\_1:60007:shm30d

 P3150
 ch00@cpu\_1:60007
 016@0126.11.01.06.001
 0x8400 -99.9 cm
 0x/// snow\_depth

 P3151
 ch01@cpu\_1:60007
 016@0126.11.02.06.001
 0x8400 -99.999 - 0x/// signal\_strength

 I3071
 ch02@cpu\_1:60007
 016@0126.11.03.06.001
 0x8400 -99.9 st.C
 0x/// temperature

 S3150
 ch03@cpu\_1:60007
 016@0126.11.04.06.001
 0x8400 -999 bit
 status\_shm30

Na

/var/sda/amws/shm30d/shm30d.log

je opaženo:

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```
2017-08-14;07:59:48.158;(018);DEVICE<sup>0</sup>;Communicator_DevicePoll: Tx='xw\r',
```

2017-08-14;07:59:48.177;(019);DEVICE<sup>0</sup>;Received Error Message from sensor 'E61<&'

2017-08-14;07:59:48.177;(020);ERROR;(./library\_tools/tools\_communicator.c|619 PID 1207|1331);Communicator\_DevicePoll - CheckReply CRC error (-10)&

2017-08-14;07:59:48.177;(021);DEVICE<sup>0</sup>;Communicator\_DevicePoll - CheckReply ERROR on Rx='E61\r\n',

2017-08-14;07:59:48.177;(022);DEVICE<sup>0</sup>;Communicator\_DevicePoll: Rx='E61\r\n',

2017-08-14;07:59:48.687;(023);DEVICE<sup>0</sup>;Communicator\_DevicePoll: Tx='xw\r',

2017-08-14;07:59:48.747;(024);DEVICE<sup>0</sup>;Communicator\_DevicePoll: Rx='>+00000.5 002.608 +29 00 \xAE<\r\n',

Kaže na občasno javljanje napake na komunikaciji (kodaE61)

(F61

Invalid command in RS232, RS422 configuration)

#### #28 - 2017-08-17 13:29 - Nikola Kostić

Task #1136->

Senzor SPN1 (s.n. A1615)

zamenjan za (g. Borštnik)

SPN1 (s.n. A1029) - iz LAB-a.

update: senzor na letališču deluje normalno.

Senzor z letališča se testira v LAB-u na postaji TEST8. Za enkrat komunicira.

TODO: Koordinacija servisa (SPN1)

Prestavitev QNAP-a

Fiksiranje kontakta za vrata na omari.

### #29 - 2017-08-17 16:20 - Andreja Kolenc

- Dodeljen se je spremenilo iz Nikola Kostić v Jernej Perdan

### #30 - 2017-08-17 16:52 - Andreja Kolenc

- Dodeljen se je spremenilo iz Jernej Perdan v Nikola Kostić

## #31 - 2017-08-18 10:51 - Andreja Kolenc

- Dodeljen se je spremenilo iz Nikola Kostić v Jernej Perdan

sprememba mbiod Pxxx kod za meteo aplikacije:

3480 temperatura zraka v komunikacijski omarici (kontejner)

3481 relativna vlaga v komunikacijski omarici (kontejner

3482 napajalna napetost v komunikacijski omarici (kontejner)

kar pomeni:

P4014 ---> P3480

P4035 ---> P3481

P4070 ---> P3482

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#### #32 - 2017-08-18 11:51 - Andreja Kolenc

Ročno sem popravila PXXX kode v mbio120d-ko.h.xml na Qnap-u. Potrebno popraviti še v paketu.

#### #33 - 2017-08-21 11:09 - Jernej Perdan

Kode popravljene v mbio120d-ko.h.xml in bodo v naslednjem releasu IPKG paketov:

http://pivka.arso.sigov.si/redmine/projects/m493 letalisce jp ljubljana/repository/entry/branches/release-00008.0.4.1/mbio120d/mbio120d-k .h.xml

#### #34 - 2017-08-24 14:42 - Nikola Kostić

SPN1 v labu (prej na Letališču) tudi v labu pokaže težave na komunikaciji (izplen 83%)

ssh root@172.19.7.165

spn1d(64004)>get pa

P0@cpu\_0:64004 13:40 24/08/2017 13:21 24/08/2017 13:30 24/08/2017 14:50 23/08/2017 3000 13:31 24/08/2017 M997 016 016@0043.11.01.05.003 83 P3302 ch00@cpu\_0:64004 0x8000 1.3 2.6 13:22 0.7 13:22 1.3 0.4 P3303 ch01@cpu\_0:64004 016@0043.11.02.05.003 83 0x8000 0.2 13:21 0.0 13:21 0.0 0.5

1 4

P3304 ch02@cpu\_0:64004 016@0043.11.08.05.003 83 0x8000 00-0-0000-0 n Ω n

Na letališču (kje je isti ta senzor nehal komunicirati) je trenutno nadometni senzor ki komunicira brez prekinitve

ssh root@172.19.74.196

spn1d(64004)>get pa

P0@cpu\_1:64004 13:42 24/08/2017 13:41 24/08/2017 13:31 24/08/2017 13:40 24/08/2017 11:37 24/08/2017 00008 M493 016

P3302 ch00@cpu 1:64004 016@0043.11.01.05.003 100 0x0000 711.6 722.9 13:32 703.8 13:40 706.1 5.1 P3303 ch01@cpu\_1:64004 016@0043.11.02.05.003 100 0x0000 93.2 96.8 13:32 88.0 13:31 93.4 2.0 P3304 ch02@cpu\_1:64004 <u>016@0043.11.08.05.003</u> 100 0x0000 1111111111 10 5 5 463

Pošljemo SPN1 na servis na VNET?

## #35 - 2017-08-24 14:43 - Nikola Kostić

- Datoteka spn1d.log dodan

Log s test8 postaje na kateri trenutno je povezan SPN1 sa Brnika

## #36 - 2017-08-24 15:06 - Nikola Kostić

Na server odložene fotografije prevezave senzorja hmp-p v RO (push)

/opt1/arso/docs/xober\_op\_location/3000\_moberl/00008\_M493\_Letalisce\_JP\_Ljubljana/900\_foto/montaza\_dodatno

TODO: El. sheme + Sprintati stremena A2-2-p, A2-2-r

## #37 - 2017-08-24 15:54 - Jernej Perdan

- Vrsta zahtevka se je spremenilo iz Hrošč v Podpora

Narejena nadgradnja celotne postaje:

- uskladitev XML datotek vetrnih senzorjev z dokumentacijo

2017-08-24 49/50 senzorska modula vaa252wav151 preimenovana v pravilno ime waa252wav151

- uskladitev P kod ptb330d z dokumentacijo
- SM procesi s popravljenim timingom za začetek inicializacije Telnet protokola
- SM procesi s podporo za optimizacijo logiranja senzorskih modulov (#1025)
- FTP prenos vklopljen v jmd.xml

## **Datoteke**

CL31_na_ARSO_email.pdf	93,455 KB	2017-07-06	Jernej Perdan
spn1d.log	4 MB	2017-08-24	Nikola Kostić

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