00210_M434_Kum - Hrošč #1345
Komunikacija z merilnikom WMT se prekinja

2018-05-18 15:50 - Aleš Borštnik

Status:	Rešen	**Začetek:**	2018-05-18
Prioriteta:	Visoka	**Do datuma:**	
Dodeljen:	Nikola Kostić	**% Narejeno:**	100%
Kategorija:		**Ocenjen čas:**	0.00 ura
Ciljna verzija:			
Revizija:		**Revizija IPKG:**	-

Opis

Zaradi težav pri komunikaciji z anemometrom WMT702 je potrebno preverit kabelske povezave med postajo in merilnikom (loop back test).

Zgodovina

#1 - 2018-07-11 11:04 - Nikola Kostić

- Datoteka cable analiza.flw dodan

- Datoteka loopback_test.log_kirn_doza dodan

- Datoteka POROČILO SERVIS POSTAJE KUM (WMT).pdf dodan

- Status se je spremenilo iz Nov v Rešen

- Dodeljen se je spremenilo iz Marino Montani v Nikola Kostić

- % Narejeno se je spremenilo iz 0 v 100

Servis opravil MATEJ KIRN, 06.07.2018.
- Izvedel meritev ožičenja na senzorju WMT.
- Meritev opravili z instrumentom FLUKE DTX-1800 cableanalyzer.
- V dozi opazil sledi vlage ter rahlo oksidacijo.
- Preventivno zamenjal še zaščito v dozi.

- Kolega Nikola Kostić je dalinjsko opravil loopback test do doze WMT.

[2018-07-06 09:57.34] ~
[Skrbnik.ROPB4705MP] ssh root@172.19.141.194
root@172.19.141.194's password:
X11 forwarding request failed on channel 0

1. #### ###### ####### ###### ## ### #### ### ### #### #### ### ### ### ### ### ### ## ### ###
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1. # ###### ######## ####### ########## ######

For further information check:
http://www.moxa.com/

root@Moxa:~# telnet localhost 60000

Entering character mode
Escape character is '^]'.

Welcome to the CLI terminal. Type 'help' for help on commands.

jmd(60000)>get ta

06/07/2018 08:58:50.0 cpu_0:60001:wmt702d

P3180	ch00@cpu_0:60001	016@0100.12.00.02.003	0xffff	-99.99	n	0x////	wind_processed
I3001	ch01@cpu_0:60001	016@0100.12.01.02.003	0x8400	-999	deg	0x////	wind_direction_3s_avg
I3002	ch02@cpu_0:60001	016@0100.12.02.02.003	0x8400	-99.99	m/s	0x////	wind_speed_3s_avg
I3003	ch03@cpu_0:60001	016@0100.12.03.02.003	0x8400	-99.99	m/s	0x////	wind_speed_avg_x
I3004	ch04@cpu_0:60001	016@0100.12.04.02.003	0x8400	-99.99	m/s	0x////	wind_speed_avg_y
I3005	ch05@cpu_0:60001	016@0100.12.05.02.003	0x8400	-99.99	m/s	0x////	wind_speed_min
I3006	ch06@cpu_0:60001	016@0100.12.06.02.003	0x8400	-99.99	m/s	0x////	wind_speed_peak
I3007	ch07@cpu_0:60001	016@0100.12.07.02.003	0x8400	-99.99	m/s	0x////	wind_speed_gust
I3008	ch08@cpu_0:60001	016@0100.12.08.02.003	0x8400	-99.99	m/s	0x////	wind_speed_lull
I3009	ch09@cpu_0:60001	016@0100.12.09.02.003	0x8400	-999	deg	0x////	wind_direction_max
I3010	ch10@cpu_0:60001	016@0100.12.10.02.003	0x8400	-999	deg	0x////	wind_direction_min
I3011	ch11@cpu_0:60001	016@0100.12.11.02.003	0x8400	-999	deg	0x////	wind_direction_at_wind_peak
I3012	ch12@cpu_0:60001	016@0100.12.12.02.003	0x8400	-999	n	0x////	signal_quality_rg
I3013	ch13@cpu_0:60001	016@0100.12.13.02.003	0x8400	-99.9	st.C	0x////	sonic_T_Ts
I3014	ch14@cpu_0:60001	016@0100.12.14.02.003	0x8400	-999	n	0x////	heather_resistance_ra
I3015	ch15@cpu_0:60001	016@0100.12.15.02.003	0x8400	-99.9	st.C	0x////	transducer_T_ta
I3016	ch16@cpu_0:60001	016@0100.12.16.02.003	0x8400	-99.9	st.C	0x////	internal_T_ti
I3017	ch17@cpu_0:60001	016@0100.12.17.02.003	0x8400	-99.9	VDC	0x////	heather_voltage_vh
I3018	ch18@cpu_0:60001	016@0100.12.18.02.003	0x8400	-99.9	VDC	0x////	supply_voltage_vi
S3180	ch19@cpu_0:60001	016@0100.12.19.02.003	0x8400	-999	bit		status_wmt702

06/07/2018 08:58:40.0 cpu_0:60002:hmp155d

P3045	ch00@cpu_0:60002	016@0035.12.01.22.002	0x8400	-999	%RH	0x////	rel_humidity
P3010	ch01@cpu_0:60002	016@0035.12.03.22.002	0x8400	-99.9	st.C	0x////	temp_air_additional_Ta
S3045	ch06@cpu_0:60002	016@0035.12.08.22.002	0x8400	-999	bit		status_u16_hmp155
P3050	ch07@cpu_0:60002	016@0035.12.01.22.002	0x8400	-999	%RH	0x////	rel_humidity
P3011	ch08@cpu_0:60002	016@0035.12.03.22.002	0x8400	-99.9	st.C	0x////	temp_air_additional_Ta
S3050	ch13@cpu_0:60002	016@0035.12.08.22.002	0x8400	-999	bit		status_u16_hmp155

06/07/2018 08:58:00.0 cpu_0:60004:pluvio2d

P3120	ch03@cpu_0:60004	016@0120.12.04.04.012	0x8000	351.40	mm	0x00000000	acumulated_total_NRT
P3121	ch05@cpu_0:60004	016@0120.12.06.04.012	0x8000	754.24	mm	0x00000000	bucket_NRT
I3045	ch06@cpu_0:60004	016@0120.12.07.04.012	0x8000	15.5	st.C	0x00000000	temperature_load_cell
I3046	ch07@cpu_0:60004	016@0120.12.08.04.012	0x8000	16.5	st.C	0x00000000	temperature_electronics_unit
I3047	ch08@cpu_0:60004	016@0120.12.09.04.012	0x8000	23.9	V	0x00000000	power_supply
I3048	ch09@cpu_0:60004	016@0120.12.10.04.012	0x8000	17.2	st.C	0x00000000	temperature_orifice_ring_rim
S3120	ch10@cpu_0:60004	016@0120.12.11.04.012	0x8000	0x0000	bit		status_heating
S3121	ch11@cpu_0:60004	016@0120.12.12.04.012	0x8000	0x0000	bit		status_pluvio2

06/07/2018 08:58:00.0 cpu_0:60006:lpmd

P3124	ch01@cpu_0:60006	016@0123.12.02.06.001	0x8000	0.000	mm/h	0x0000	5min_intensity
P3125	ch02@cpu_0:60006	016@0123.12.03.06.001	0x8000	0.00	mm	0x0000	precipitation_amount
P3126	ch03@cpu_0:60006	016@0123.12.04.06.001	0x8000	00	code	0x0000	5min_SYNOP_tab4680
P3127	ch07@cpu_0:60006	016@0123.12.08.06.001	0x8000	-9.9	dBz	0x0000	1min_radar_reflectivity
I3066	ch10@cpu_0:60006	016@0123.12.11.06.001	0x8000	4010	mV	0x0000	control_voltage
I3067	ch11@cpu_0:60006	016@0123.12.12.06.001	0x8000	15.4	st.C	0x0000	ambient_T
S3124	ch12@cpu_0:60006	016@0123.12.13.06.001	0x8000	0x0000	bit		LPM_status

06/07/2018 08:58:30.0 cpu_0:60007:shm30d

P3150	ch00@cpu_0:60007	016@0126.11.01.06.001	0x8000	0.2	cm	0x0000	snow_depth
P3151	ch01@cpu_0:60007	016@0126.11.02.06.001	0x8000	1.878	-	0x0000	signal_strength
I3071	ch02@cpu_0:60007	016@0126.11.03.06.001	0x8000	21.0	st.C	0x0000	temperature
S3150	ch03@cpu_0:60007	016@0126.11.04.06.001	0x8000	0x0000	bit		status_shm30

06/07/2018 08:58:50.0 cpu_0:60008:iod
P3129 ch00@cpu_0:60008 016@0120.12.01.03.001 0x8000 0 bit precipitation_duration
P3005 ch08@cpu_0:60008 016@0001.12.02.30.011 0x8000 25.8 st.C Tair_1000EO800
06/07/2018 08:58:50.0 cpu_0:60010:uc8410iod
S3001 ch00@cpu_0:60010 016@0001.12.04.30.005 0x8000 001 bit replace|buffer|ready
S3002 ch01@cpu_0:60010 016@0001.12.99.30.005 0x8000 1 bit door_status
jmd(60000)>exit
Connection closed by foreign host

...

jmd(60000)>get ta
06/07/2018 10:29:49.0 cpu_0:60001:wmt702d
P3180 ch00@cpu_0:60001 016@0100.12.00.02.003 0xffff -99.99 n 0x0001 wind_processed
I3001 ch01@cpu_0:60001 016@0100.12.01.02.003 0x8000 295 deg 0x0001 wind_direction_3s_avg
I3002 ch02@cpu_0:60001 016@0100.12.02.02.003 0x8000 1.44 m/s 0x0001 wind_speed_3s_avg
I3003 ch03@cpu_0:60001 016@0100.12.03.02.003 0x8000 -0.61 m/s 0x0001 wind_speed_avg_x
I3004 ch04@cpu_0:60001 016@0100.12.04.02.003 0x8000 1.30 m/s 0x0001 wind_speed_avg_y
I3005 ch05@cpu_0:60001 016@0100.12.05.02.003 0x8000 0.93 m/s 0x0001 wind_speed_min
I3006 ch06@cpu_0:60001 016@0100.12.06.02.003 0x8000 1.71 m/s 0x0001 wind_speed_peak
I3007 ch07@cpu_0:60001 016@0100.12.07.02.003 0x8000 1.48 m/s 0x0001 wind_speed_gust
I3008 ch08@cpu_0:60001 016@0100.12.08.02.003 0x8000 1.38 m/s 0x0001 wind_speed_lull
I3009 ch09@cpu_0:60001 016@0100.12.09.02.003 0x8000 304 deg 0x0001 wind_direction_max
I3010 ch10@cpu_0:60001 016@0100.12.10.02.003 0x8000 287 deg 0x0001 wind_direction_min
I3011 ch11@cpu_0:60001 016@0100.12.11.02.003 0x8000 295 deg 0x0001 wind_direction_at_wind_peak
I3012 ch12@cpu_0:60001 016@0100.12.12.02.003 0x8000 1 n 0x0001 signal_quality_rg
I3013 ch13@cpu_0:60001 016@0100.12.13.02.003 0x8000 14.7 st.C 0x0001 sonic_T_Ts
I3014 ch14@cpu_0:60001 016@0100.12.14.02.003 0x8000 13 n 0x0001 heather_resistance_ra
I3015 ch15@cpu_0:60001 016@0100.12.15.02.003 0x8000 18.8 st.C 0x0001 transducer_T_ta
I3016 ch16@cpu_0:60001 016@0100.12.16.02.003 0x8000 24.6 st.C 0x0001 internal_T_ti
I3017 ch17@cpu_0:60001 016@0100.12.17.02.003 0x8000 21.6 VDC 0x0001 heather_voltage_vh
I3018 ch18@cpu_0:60001 016@0100.12.18.02.003 0x8000 23.5 VDC 0x0001 supply_voltage_vi
S3180 ch19@cpu_0:60001 016@0100.12.19.02.003 0x8000 0x0001 bit status_wmt702
06/07/2018 10:29:40.0 cpu_0:60002:hmp155d
P3045 ch00@cpu_0:60002 016@0035.12.01.22.002 0x8000 88 %RH 0x0002 rel_humidity
P3010 ch01@cpu_0:60002 016@0035.12.03.22.002 0x8000 15.3 st.C 0x0002 temp_air_additional_Ta
S3045 ch06@cpu_0:60002 016@0035.12.08.22.002 0x8000 0x0002 bit status_u16_hmp155
P3050 ch07@cpu_0:60002 016@0035.12.01.22.002 0x8000 89 %RH 0x0002 rel_humidity
P3011 ch08@cpu_0:60002 016@0035.12.03.22.002 0x8000 15.2 st.C 0x0002 temp_air_additional_Ta
S3050 ch13@cpu_0:60002 016@0035.12.08.22.002 0x8000 0x0002 bit status_u16_hmp155
06/07/2018 10:29:00.0 cpu_0:60004:pluvio2d
P3120 ch03@cpu_0:60004 016@0120.12.04.04.012 0x8000 0.00 mm 0x00000000 acumulated_total_NRT
P3121 ch05@cpu_0:60004 016@0120.12.06.04.012 0x8000 753.81 mm 0x00000000 bucket_NRT
I3045 ch06@cpu_0:60004 016@0120.12.07.04.012 0x8000 18.3 st.C 0x00000000 temperature_load_cell
I3046 ch07@cpu_0:60004 016@0120.12.08.04.012 0x8000 19.5 st.C 0x00000000 temperature_electronics_unit
I3047 ch08@cpu_0:60004 016@0120.12.09.04.012 0x8000 23.9 V 0x00000000 power_supply
I3048 ch09@cpu_0:60004 016@0120.12.10.04.012 0x8000 22.4 st.C 0x00000000 temperature_orifice_ring_rim
S3120 ch10@cpu_0:60004 016@0120.12.11.04.012 0x8000 0x0000 bit status_heating
S3121 ch11@cpu_0:60004 016@0120.12.12.04.012 0x8000 0x0000 bit status_pluvio2
06/07/2018 10:29:00.0 cpu_0:60006:lpmd
P3124 ch01@cpu_0:60006 016@0123.12.02.06.001 0x8000 0.000 mm/h 0x0000 5min_intensity
P3125 ch02@cpu_0:60006 016@0123.12.03.06.001 0x8000 0.00 mm 0x0000 precipitation_amount
P3126 ch03@cpu_0:60006 016@0123.12.04.06.001 0x8000 00 code 0x0000 5min_SYNOP_tab4680

P3127 ch07@cpu_0:60006 016@0123.12.08.06.001 0x8000 -9.9 dBz 0x0000 1min_radar_reflectivity
I3066 ch10@cpu_0:60006 016@0123.12.11.06.001 0x8000 4009 mV 0x0000 control_voltage
I3067 ch11@cpu_0:60006 016@0123.12.12.06.001 0x8000 17.3 st.C 0x0000 ambient_T
S3124 ch12@cpu_0:60006 016@0123.12.13.06.001 0x8000 0x0000 bit LPM_status
06/07/2018 10:29:30.0 cpu_0:60007:shm30d
P3150 ch00@cpu_0:60007 016@0126.11.01.06.001 0x8000 0.2 cm 0x0000 snow_depth
P3151 ch01@cpu_0:60007 016@0126.11.02.06.001 0x8000 2.205 - 0x0000 signal_strength
I3071 ch02@cpu_0:60007 016@0126.11.03.06.001 0x8000 25.0 st.C 0x0000 temperature
S3150 ch03@cpu_0:60007 016@0126.11.04.06.001 0x8000 0x0000 bit status_shm30
06/07/2018 10:29:50.0 cpu_0:60008:iod
P3129 ch00@cpu_0:60008 016@0120.12.01.03.001 0x8000 0 bit precipitation_duration
P3005 ch08@cpu_0:60008 016@0001.12.02.30.011 0x8000 25.9 st.C Tair_1000EO800
06/07/2018 10:29:50.0 cpu_0:60010:uc8410iod
S3001 ch00@cpu_0:60010 016@0001.12.04.30.005 0x8000 001 bit replace|buffer|ready
S3002 ch01@cpu_0:60010 016@0001.12.99.30.005 0x8000 1 bit door_status

Datoteke

Kum_WMT_2.png	80,709 KB	2018-05-18	Aleš Borštnik
cable analiza.flw	37,004 KB	2018-07-11	Nikola Kostić
loopback_test.log_kirn_doza	131,246 KB	2018-07-11	Nikola Kostić
POROČILO SERVIS POSTAJE KUM (WMT).pdf	880,706 KB	2018-07-11	Nikola Kostić