



Marco Bonaglia <marco.bonaglia@gmail.com>

Broken mocon ethernet?

35 messages

Marco Bonaglia <mbona@arcetri.astro.it>

9 July 2014 at 14:05

To: Julian Ziegler <ziegler@mpe.mpg.de>

Cc: Sebastian Rabien <srabien@mpe.mpg.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>, Tommaso Mazzoni <tmazzoni@arcetri.astro.it>

Hi Julian,

Today I started up the SX system to check last bcu firmware update made by Gilles and the slidable entrance windows.

However i cannot connect to the mocon anymore. Che ETH module seems not to respond. I also tried to connect directly to the ETH port on the stepper board (see picture) without success.

Do you any suggestion / check that i can do before removing the mocon and ship it to you?

Ciao!

M.

2 attachments



IMG_20140709_135741746.jpg
1119K



IMG_20140709_135117146.jpg
919K

ziegleder <ziegleder@mpe.mpg.de>

9 July 2014 at 15:33

To: Marco Bonaglia <mbona@arcetri.astro.it>

Cc: Sebastian Rabien <srabien@mpe.mpg.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>, Tommaso Mazzoni <tmazzoni@arcetri.astro.it>, marco.bonaglia@gmail.com

Hi Marco,

yes, check your ethernet cable ;-)

I think the front port is deactivated, you have to select by jumpers which port you want to use. If you have the user's guide you can find them. First you should measure the supply voltage on the dedicated pins near the push buttons to make sure there is no major hardware fault.

Maybe the transformer on the feedthrough panel is broken, they are a bit crappy and we already had to replace some (sent them to MPIA). There might be a spare at MPE, but I'm on a seminar the whole week.

Greetings,
Julian
[Quoted text hidden]

Marco Bonaglia <mbona@arcetri.astro.it>

9 July 2014 at 16:02

To: Julian Ziegler <ziegler@mpe.mpg.de>

Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>, Sebastian Rabien <srabien@mpe.mpg.de>, Tommaso Mazzoni <tmazzoni@arcetri.astro.it>

As you could clearly see from the attached pictures the 1st and 4th pins (from the bottom of the board) Carey about 4.5V.

They go to 0V when the buttons are pressed.

All other pins around have 0V.

Is it serious?

Il 09/lug/2014 15:33 "ziegler" <ziegler@mpe.mpg.de> ha scritto:

[Quoted text hidden]

3 attachments



IMG_20140709_155605581.jpg
1065K



IMG_20140709_155427465.jpg
843K



IMG_20140709_155518778.jpg
1030K

ziegler <ziegler@mpe.mpg.de>

9 July 2014 at 16:06

To: Marco Bonaglia <mbona@arcetri.astro.it>

Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>, Sebastian Rabien <srabien@mpe.mpg.de>, Tommaso Mazzoni <tmazzoni@arcetri.astro.it>, marco.bonaglia@gmail.com

wrong pins ;-)

there are big lugs on the other side of the board (top/component side), I think they are labeled

[Quoted text hidden]

Marco Bonaglia <mbona@arcetri.astro.it>

9 July 2014 at 16:10

To: Julian Ziegler <ziegler@mpe.mpg.de>

Cc: Sebastian Rabien <srabien@mpe.mpg.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>, Tommaso Mazzoni <tmazzoni@arcetri.astro.it>

Bad instructions bring to bad results :-)

On the lugs there are 5V...

Il 09/lug/2014 16:06 "ziegler" <ziegler@mpe.mpg.de> ha scritto:

[Quoted text hidden]



IMG_20140709_160929257.jpg

1112K

ziegler <ziegler@mpe.mpg.de>

9 July 2014 at 17:04

To: Marco Bonaglia <mbona@arcetri.astro.it>

well done, 5V is fine.

The user guide:

<https://bscw2.mpe.mpg.de/bscw/bscw.cgi/d624572/MOCON%20UG%201.00.pdf>

on page 18 you'll find the ethernet interface. you have switch BR3 and BR4 to enable the front port. these should be one pair of the blue jumpers visible on you last picture

[Quoted text hidden]

Marco Bonaglia <mbona@arcetri.astro.it>

9 July 2014 at 17:16

To: Julian Ziegler <ziegler@mpe.mpg.de>

Now it seems to work.

What's your conclusion, Herr Doktor?

Il 09/lug/2014 17:04 "ziegler" <ziegler@mpe.mpg.de> ha scritto:

[Quoted text hidden]

ziegler <ziegler@mpe.mpg.de>

9 July 2014 at 17:19

To: Marco Bonaglia <mbona@arcetri.astro.it>

Cc: marco.bonaglia@gmail.com

conclusion? use another motor controller next time ;-)

On 2014-07-09 17:16, Marco Bonaglia wrote:

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[1]

[Quoted text hidden]

Links:

[1] <https://bscw2.mpe.mpg.de/bscw/bscw.cgi/d624572/MOCON%20UG%201.00.pdf>

Marco Bonaglia <mbona@arcetri.astro.it>

9 July 2014 at 17:21

To: ziegleder <ziegleder@mpe.mpg.de>

Do we need to send it to you?

[Quoted text hidden]

--

Marco Bonaglia
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50125, Firenze
Tel: +39 055 2752 200
e-mail: mbona@arcetri.astro.it

Ziegleder <ziegleder@mpe.mpg.de>

9 July 2014 at 17:48

To: Marco Bonaglia <mbona@arcetri.astro.it>

is it the front port which seems to work now, or the rear port?
if it's only the rear port which doesn't work, it's enough when you send me the connector panel. you can
unplug the flat ribbon

[Quoted text hidden]

[Quoted text hidden]

--

Julian Ziegleder
Elektronikgruppe
Max Planck Institut für extraterrestrische Physik

Giessenbachstraße, D-85748 Garching
email: ziegleder@mpe.mpg.de
Tel.: +49-89-30000-3836
Fax : +49-89-30000-3569

ziegleder <ziegleder@mpe.mpg.de>

10 July 2014 at 09:09

To: Ziegleder <ziegleder@mpe.mpg.de>

Cc: Marco Bonaglia <mbona@arcetri.astro.it>

Or better, if something doesn't work ship it to Lars @MPIA. This will accelerate the whole thing, because
that's exactly what I will do...

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[Quoted text hidden]

[Quoted text hidden]

[1]

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Links:

[1] <https://bscw2.mpe.mpg.de/bscw/bscw.cgi/d624572/MOCON%20UG%201.00.pdf>

Marco Bonaglia <mbona@arcetri.astro.it>
To: Julian Ziegleder <ziegleder@mpe.mpg.de>

10 July 2014 at 09:12

The onboard port is working. The panel one seems broken.
So I remove the small panel, I unplug the flat cable from the RJ connector attached to the panel and I ship it

to Lars.
Do you have his contact? If I had it I lost it :-(
Ciao!
M.

Il 09/lug/2014 19:49 "Ziegler" <ziegler@mpe.mpg.de> ha scritto:
[Quoted text hidden]



IMG_20140709_171212229.jpg
1032K

ziegleder <ziegleder@mpe.mpg.de>
To: Marco Bonaglia <mbona@arcetri.astro.it>

10 July 2014 at 10:38

not at the moment, maybe you find Wolfgangs contact. He also will be happy to receive gifts...

On 2014-07-10 09:12, Marco Bonaglia wrote:

The onboard port is working. The panel one seems broken.
So I remove the small panel, I unplug the flat cable from the RJ connector attached to the panel and I ship it to Lars.
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M.

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On 09.07.2014 17 [1]:21, Marco Bonaglia wrote:

Do we need to send it to you?

On 9 July 2014 17:19, ziegleder <ziegleder@mpe.mpg.de> wrote:
conclusion? use another motor controller next time ;-)

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Now it seems to work.
What's your conclusion, Herr Doktor?

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[2]

[Quoted text hidden]

[2]

100

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--

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Fax : +49-89-30000-3569 [4]

Links:

[1] tel:09.07.2014%2017

[2] <https://bscw2.mpe.mpg.de/bscw/bscw.cgi/d624572/MOCON%20UG%201.00.pdf>

[3] tel:%2B49-89-30000-3836

[4] tel:%2B49-89-30000-3569

[5] tel:%2B39%20055%202752%20200

Marco Bonaglia <mbona@arcetri.astro.it>
To: Wolfgang Gaessler <gaessler@mpia.de>
Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>, Julian Ziegleder <ziegleder@mpe.mpg.de>

10 July 2014 at 11:15

Hi Wolfgang,

We have a broken Ethernet module in the sx mocon.

After a small check we think the problem is with the panel RJ connector (since the one onboard on the mocon board is working).

Julian told me to ship the panel port to Lars and ask for a replacement/fixing.

Do you know his address?

Thanks a lot.

Ciao

M.

----- Messaggio inoltrato -----

Da: "ziegleder" <ziegleder@mpe.mpg.de>

Data: 10/lug/2014 10:38

Oggetto: Re: Broken mocon ethernet?

A: "Marco Bonaglia" <mbona@arcetri.astro.it>

Cc:

[Quoted text hidden]



IMG_20140710_111102037.jpg
744K

Wolfgang Gaessler <gaessler@mpia.de>
To: Marco Bonaglia <mbona@arcetri.astro.it>
Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>, Julian Ziegleder <ziegleder@mpe.mpg.de>

10 July 2014 at 11:24

On 07/10/2014 11:15 AM, Marco Bonaglia wrote:

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> connector (since the one onboard on the mocon board is working).

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> replacement/fixing.

> Do you know his address?

>

send it to me. I will give it to Lars.

adresse as below.

ciao

wolfgang

—

Wolfgang Gaessler

Max-Planck-Institut fuer Astronomie
Koenigstuhl 17

e-mail: gaessler@mpia.de
phone : +49-(0)6221/528-277

FAX : +49-(0)6221/528-369

69117 Heidelberg
Germany

Marco Bonaglia <mbona@arcetri.astro.it>

10 July 2014 at 11:39

To: Wolfgang Gaessler <gaessler@mpia.de>

Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>, Julian Ziegler <ziegler@mpe.mpg.de>, Carmelo Arcidiacono <carmelo@arcetri.astro.it>

is travelling to Heildeberg with Carmelo...
they should arrive in the afternoon

[Quoted text hidden]

--

Marco Bonaglia
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Tel: +39 055 2752 200
e-mail: mbona@arcetri.astro.it

Wolfgang Gaessler <gaessler@mpia.de>

10 July 2014 at 11:40

To: Marco Bonaglia <mbona@arcetri.astro.it>

On 07/10/2014 11:39 AM, Marco Bonaglia wrote:

is travelling to Heildeberg with Carmelo...
they should arrive in the afternoon

OK I will take care of both ;-)

ciao
wolfgang

[Quoted text hidden]

ziegler <ziegler@mpe.mpg.de>

10 July 2014 at 11:59

To: Marco Bonaglia <mbona@arcetri.astro.it>

Cc: Wolfgang Gaessler <gaessler@mpia.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>, Carmelo Arcidiacono <carmelo@arcetri.astro.it>, marco.bonaglia@gmail.com

wow, express delivery ;-)

On 2014-07-10 11:39, Marco Bonaglia wrote:

is travelling to Heildeberg with Carmelo...
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On 10 July 2014 11:24, Wolfgang Gaessler <gaessler@mpia.de> wrote:

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Wolfgang Gaessler

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Koenigstuhl 17 phone :
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Links:

[1] <tel:%2B49-%280%296221%2F528-277>
[2] <tel:%2B49-%280%296221%2F528-369>

Marco Bonaglia <mbona@arcetri.astro.it>

10 July 2014 at 12:10

To: ziegleder <ziegleder@mpe.mpg.de>

Cc: Wolfgang Gaessler <gaessler@mpia.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>, Carmelo Arcidiacono <carmelo@arcetri.astro.it>

in case of our wonderful mocons we don't care of expenses!

[Quoted text hidden]

Marco Bonaglia <mbona@arcetri.astro.it>

11 July 2014 at 11:19

To: ziegleder <ziegleder@mpe.mpg.de>

Cc: Wolfgang Gaessler <gaessler@mpia.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>, Carmelo Arcidiacono <carmelo@arcetri.astro.it>

Hi Wolfgang,

could you confirm me that at least the ethernet module arrived to you?

Could you also consult Lars about when we'll have a replacement?

Many thanks & ciao!

Marco

[Quoted text hidden]

Wolfgang Gaessler <gaessler@mpia.de>

11 July 2014 at 11:38

To: Marco Bonaglia <mbona@arcetri.astro.it>, ziegleder <ziegleder@mpe.mpg.de>

Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>, Carmelo Arcidiacono <carmelo@arcetri.astro.it>

Hi Marco,

I'm just back from the electronic department.

The part arrived and the e-dep sais they will do it immediately.

If the replacement parts are in house it should be finished by

Monday and I will send it back to you as soon as I have it

in my hands. If the parts have to be ordered it will take longer.

I keep you up dated.

ciao

wolfgang

[Quoted text hidden]

[Quoted text hidden]

[Quoted text hidden]

FAX : +49-(0)6221/528-369

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Germany

Carmelo Arcidiacono <carmelo.arcidiacono@oapd.inaf.it>
Reply-To: Carmelo Arcidiacono <carmelo.arcidiacono@oabo.inaf.it>
To: Marco Bonaglia <mbona@arcetri.astro.it>
Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>

11 July 2014 at 11:44

Vabbè che son veloce,
però sarebbe stata dura fare Fi-Hd in 5 ore ed arrivare al pomeriggio!
Sono arrivato alla mezza, e consegnato a Wolfy il pacchetto stamattina.
Ciao ciao
Carmelo

----- Messaggio originale -----

Da: "Wolfgang Gaessler" <gaessler@mpia.de>

A: "Marco Bonaglia" <mbona@arcetri.astro.it>, "ziegleder" <ziegleder@mpe.mpg.de>

Cc: "Lorenzo Busoni" <lbusoni@arcetri.astro.it>, "Carmelo Arcidiacono" <carmelo@arcetri.astro.it>

Inviato: Venerdì, 11 luglio 2014 11:38:14

Oggetto: Re: Fwd: Re: Broken mocon ethernet?

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> <<mailto:gaessler@mpia.de>>> wrote:
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> adresse as below.
>

> ciao
> wolfgang
>

> --
> Wolfgang Gaessler
>

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> gaessler@mpia.de <<mailto:gaessler@mpia.de>>
> Koenigstuhl 17 phone :
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> FAX : +49-(0)6221/528-369
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>
> Marco Bonaglia
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> Tel: +39 055 2752 200 <<tel:%2B39%20055%202752%20200>>
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skype: carmelo.arcidiacono

Marco Bonaglia <mbona@arcetri.astro.it>
To: Carmelo Arcidiacono <carmelo.arcidiacono@oabo.inaf.it>
Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>

11 July 2014 at 12:14

E' arrivato ed e' gia' stato testato.
Grazie mille!!!
m.
[Quoted text hidden]

Marco Bonaglia <mbona@arcetri.astro.it>
To: Wolfgang Gaessler <gaessler@mpia.de>

11 July 2014 at 12:16

Forwarded conversation

Subject: **Broken mocon ethernet?**

From: **Marco Bonaglia** <mbona@arcetri.astro.it>
Date: 9 July 2014 14:05
To: Julian Ziegleder <ziegleder@mpe.mpg.de>

Cc: Sebastian Rabien <srabien@mpe.mpg.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>, Tommaso Mazzoni <tmazzoni@arcetri.astro.it>

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From: **Marco Bonaglia** <mbona@arcetri.astro.it>

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Ad you could clearly see from the attached pictures the 1st and 4th pins (from the bottom of the board) Carey about 4.5V.

They go to 0V when the buttons are pressed.

Alla other pins around have 0V.

Is it serious?

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Date: 9 July 2014 16:06

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Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>, Sebastian Rabien <srabien@mpe.mpg.de>, Tommaso Mazzoni <tmazzoni@arcetri.astro.it>, marco.bonaglia@gmail.com

wrong pins ;-)

there are big lugs on the other side of the board (top/component side), I think they are labeled

From: **Marco Bonaglia** <mbona@arcetri.astro.it>

Date: 9 July 2014 16:10

To: Julian Ziegler <ziegler@mpe.mpg.de>

Cc: Sebastian Rabien <srabien@mpe.mpg.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>, Tommaso Mazzoni <tmazzoni@arcetri.astro.it>

Bad instructions bring to bad results :-)

On the lugs there are 5V...

Il 09/lug/2014 16:06 "ziegler" <ziegler@mpe.mpg.de> ha scritto:

From: **ziegler** <ziegler@mpe.mpg.de>

Date: 9 July 2014 17:04

To: Marco Bonaglia <mbona@arcetri.astro.it>

well done, 5V is fine.

The user guide:

<https://bscw2.mpe.mpg.de/bscw/bscw.cgi/d624572/MOCON%20UG%201.00.pdf>

on page 18 you'll find the ethernet interface. you have switch BR3 and BR4 to enable the front port. these should be one pair of the blue jumpers visible on you last picture

From: **Marco Bonaglia** <mbona@arcetri.astro.it>

Date: 9 July 2014 17:16

To: Julian Ziegler <ziegler@mpe.mpg.de>

Now it seems to work.

What's your conclusion, Herr Doktor?

Il 09/lug/2014 17:04 "ziegler" <ziegler@mpe.mpg.de> ha scritto:

From: **ziegler** <ziegler@mpe.mpg.de>

Date: 9 July 2014 17:19

To: Marco Bonaglia <mbona@arcetri.astro.it>

Cc: marco.bonaglia@gmail.com

conclusion? use another motor controller next time ;-)

On 2014-07-09 17:16, Marco Bonaglia wrote:

Now it seems to work.

What's your conclusion, Herr Doktor?

Il 09/lug/2014 17:04 "ziegler" <ziegler@mpe.mpg.de> ha scritto:

well done, 5V is fine.

The user guide:

<https://bscw2.mpe.mpg.de/bscw/bscw.cgi/d624572/MOCON%20UG%201.00.pdf>

[1]

Links:

[1] <https://bscw2.mpe.mpg.de/bscw/bscw.cgi/d624572/MOCON%20UG%201.00.pdf>

From: **Marco Bonaglia** <mbona@arcetri.astro.it>

Date: 9 July 2014 17:21

To: ziegler <ziegler@mpe.mpg.de>

Do we need to send it to you?

--

Marco Bonaglia
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50125, Firenze
Tel: [+39 055 2752 200](tel:+390552752200)
e-mail: mbona@arcetri.astro.it

From: **Ziegleder** <ziegleder@mpe.mpg.de>
Date: 9 July 2014 17:48
To: Marco Bonaglia <mbona@arcetri.astro.it>

is it the front port which seems to work now, or the rear port?
if it's only the rear port which doesn't work, it's enough when you send me the connector panel. you can unplug the flat ribbon

--

Julian Ziegleder
Elektronikgruppe
Max Planck Institut für extraterrestrische Physik

Giessenbachstraße, D-85748 Garching
email: ziegleder@mpe.mpg.de
Tel.: [+49-89-30000-3836](tel:+4989300003836)
Fax : [+49-89-30000-3569](tel:+4989300003569)

From: **ziegleder** <ziegleder@mpe.mpg.de>
Date: 10 July 2014 09:09
To: Ziegleder <ziegleder@mpe.mpg.de>
Cc: Marco Bonaglia <mbona@arcetri.astro.it>

Or better, if something doesn't work ship it to Lars @MPIA. This will accelerate the whole thing, because that's exactly what I will do...

[1]

--

Marco Bonaglia
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--

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Fax : +49-89-30000-3569

Links:

[1] <https://bscw2.mpe.mpg.de/bscw/bscw.cgi/d624572/MOCON%20UG%201.00.pdf>

From: **Marco Bonaglia** <mbona@arcetri.astro.it>
Date: 10 July 2014 09:12
To: Julian Ziegler <ziegler@mpe.mpg.de>

The onboard port is working. The panel one seems broken.
So I remove the small panel, I unplug the flat cable from the RJ connector attached to the panel and I ship it to Lars.
Do you have his contact? If I had it I lost it :-(
Ciao!
M.

Il 09/lug/2014 19:49 "Ziegler" <ziegler@mpe.mpg.de> ha scritto:

From: **ziegler** <ziegler@mpe.mpg.de>

Date: 10 July 2014 10:38

To: Marco Bonaglia <mbona@arcetri.astro.it>

not at the moment, maybe you find Wolfgang's contact. He also will be happy to receive gifts...

On 2014-07-10 09:12, Marco Bonaglia wrote:

The onboard port is working. The panel one seems broken.

So I remove the small panel, I unplug the flat cable from the RJ connector attached to the panel and I ship it to Lars.

Do you have his contact? If I had it I lost it :-(

Ciao!

M.

Il 09/lug/2014 19:49 "Ziegler" <ziegler@mpe.mpg.de> ha scritto:

is it the front port which seems to work now, or the rear port?

if it's only the rear port which doesn't work, it's enough when you send me the connector panel. you can unplug the flat ribbon

On 09.07.2014 17 [1]:21, Marco Bonaglia wrote:

Do we need to send it to you?

On 9 July 2014 17:19, ziegler <ziegler@mpe.mpg.de> wrote:
conclusion? use another motor controller next time ;-)

On 2014-07-09 17:16, Marco Bonaglia wrote:

Now it seems to work.

What's your conclusion, Herr Doktor?

Il 09/lug/2014 17:04 "ziegler" <ziegler@mpe.mpg.de> ha scritto:

well done, 5V is fine.

The user guide:

<https://bscw2.mpe.mpg.de/bscw/bscw.cgi/d624572/MOCON%20UG%201.00.pdf>

[2]

[2]

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Marco Bonaglia

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--

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Fax : +49-89-30000-3569 [4]

Links:

- [1] tel:09.07.2014%2017
- [2] <https://bscw2.mpe.mpg.de/bscw/bscw.cgi/d624572/MOCON%20UG%201.00.pdf>
- [3] tel:%2B49-89-30000-3836
- [4] tel:%2B49-89-30000-3569
- [5] tel:%2B39%20055%202752%20200

From: **Marco Bonaglia** <mbona@arcetri.astro.it>
Date: 10 July 2014 11:15
To: Wolfgang Gaessler <gaessler@mpia.de>
Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>, Julian Ziegleder <ziegleder@mpe.mpg.de>

Hi Wolfgang,

We have a broken Ethernet module in the sx mocon.
After a small check we think the problem is with the panel RJ connector (since the one onboard on the mocon board is working).
Julian told me to ship the panel port to Lars and ask for a replacement/fixing.
Do you know his address?
Thanks a lot.
Ciao
M.

----- Messaggio inoltrato -----

Da: "ziegleder" <ziegleder@mpe.mpg.de>
Data: 10/lug/2014 10:38
Oggetto: Re: Broken mocon ethernet?
A: "Marco Bonaglia" <mbona@arcetri.astro.it>
Cc:

From: **Wolfgang Gaessler** <gaessler@mpia.de>
Date: 10 July 2014 11:24
To: Marco Bonaglia <mbona@arcetri.astro.it>
Cc: Lorenzo Busoni <lbsoni@arcetri.astro.it>, Julian Ziegleder <ziegleder@mpe.mpg.de>

On 07/10/2014 11:15 AM, Marco Bonaglia wrote:

>
> Hi Wolfgang,
>
> We have a broken Ethernet module in the sx mocon.
> After a small check we think the problem is with the panel RJ
> connector (since the one onboard on the mocon board is working).
> Julian told me to ship the panel port to Lars and ask for a
> replacement/fixing.
> Do you know his address?
>

send it to me. I will give it to Lars.
adresse as below.

ciao
wolfgang

—
Wolfgang Gaessler

Max-Planck-Institut fuer Astronomie e-mail: gaessler@mpia.de
Koenigstuhl 17 phone : +49-(0)6221/528-277
FAX : +49-(0)6221/528-369
69117 Heidelberg
Germany

From: **Marco Bonaglia** <mbona@arcetri.astro.it>
Date: 10 July 2014 11:39
To: Wolfgang Gaessler <gaessler@mpia.de>
Cc: Lorenzo Busoni <lbsoni@arcetri.astro.it>, Julian Ziegleder <ziegleder@mpe.mpg.de>, Carmelo Arcidiacono <carmelo@arcetri.astro.it>

is travelling to Heildeberg with Carmelo...
they should arrive in the afternoon

—
Marco Bonaglia
INAF - Osservatorio Astrofisico di Arcetri
L.go E. Fermi 5
50125, Firenze
Tel: +39 055 2752 200
e-mail: mbona@arcetri.astro.it

From: **Wolfgang Gaessler** <gaessler@mpia.de>
Date: 10 July 2014 11:40
To: Marco Bonaglia <mbona@arcetri.astro.it>

On 07/10/2014 11:39 AM, Marco Bonaglia wrote:

is travelling to Heildeberg with Carmelo...
they should arrive in the afternoon

OK I will take care of both ;-)

ciao
wolfgang

From: **ziegleder** <ziegleder@mpe.mpg.de>
Date: 10 July 2014 11:59
To: Marco Bonaglia <mbona@arcetri.astro.it>
Cc: Wolfgang Gaessler <gaessler@mpia.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>, Carmelo Arcidiacono <carmelo@arcetri.astro.it>, marco.bonaglia@gmail.com

wow, express delivery ;-)

On 2014-07-10 11:39, Marco Bonaglia wrote:

is travelling to Heildeberg with Carmelo...
they should arrive in the afternoon

On 10 July 2014 11:24, Wolfgang Gaessler <gaessler@mpia.de> wrote:

On 07/10/2014 11:15 AM, Marco Bonaglia wrote:

Hi Wolfgang,

We have a broken Ethernet module in the sx mocon.
After a small check we think the problem is with the panel RJ
connector (since the one onboard on the mocon board is working).
Julian told me to ship the panel port to Lars and ask for a
replacement/fixing.
Do you know his address?

send it to me. I will give it to Lars.
adresse as below.

ciao
wolfgang

--

Wolfgang Gaessler

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--

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e-mail: mbona@arcetri.astro.it

Links:

[1] tel:%2B49-%280%296221%2F528-277

[2] tel:%2B49-%280%296221%2F528-369

From: **Marco Bonaglia** <mbona@arcetri.astro.it>

Date: 10 July 2014 12:10

To: ziegleder <ziegleder@mpe.mpg.de>Cc: Wolfgang Gaessler <gaessler@mpia.de>, Lorenzo Busoni <lbuser@arcetri.astro.it>, Carmelo Arcidiacono <carmelo@arcetri.astro.it>

in case of our wonderful mocons we don't care of expenses!

From: **Marco Bonaglia** <mbona@arcetri.astro.it>

Date: 11 July 2014 11:19

To: ziegleder <ziegleder@mpe.mpg.de>Cc: Wolfgang Gaessler <gaessler@mpia.de>, Lorenzo Busoni <lbuser@arcetri.astro.it>, Carmelo Arcidiacono <carmelo@arcetri.astro.it>

Hi Wolfgang,

could you confirm me that at least the ethernet module arrived to you?

Could you also consult Lars about when we'll have a replacement?

Many thanks & ciao!

Marco

From: **Wolfgang Gaessler** <gaessler@mpia.de>

Date: 11 July 2014 11:38

To: Marco Bonaglia <mbona@arcetri.astro.it>, ziegleder <ziegleder@mpe.mpg.de>Cc: Lorenzo Busoni <lbuser@arcetri.astro.it>, Carmelo Arcidiacono <carmelo@arcetri.astro.it>

Hi Marco,

I'm just back from the electronic department.

The part arrived and the e-dep says they will do it immediately.

If the replacement parts are in house it should be finished by

Monday and I will send it back to you as soon as I have it

in my hands. If the parts have to be ordered it will take longer.

I keep you up dated.

ciao

wolfgang

FAX : +49-(0)6221/528-369

69117 Heidelberg
Germany

From: **Carmelo Arcidiacono** <carmelo.arcidiacono@oapd.inaf.it>

Date: 11 July 2014 11:44

To: Marco Bonaglia <mbona@arcetri.astro.it>Cc: Lorenzo Busoni <lbuser@arcetri.astro.it>

[Quoted text hidden]

From: **Marco Bonaglia** <mbona@arcetri.astro.it>

Date: 11 July 2014 12:14

To: Carmelo Arcidiacono <carmelo.arcidiacono@oabo.inaf.it>

Cc: Lorenzo Busoni <lbuser@arcetri.astro.it>

E' arrivato ed e' gia' stato testato.

Grazie mille!!!

m.

—
Marco Bonaglia
INAF - Osservatorio Astrofisico di Arcetri
L.go E. Fermi 5
50125, Firenze
Tel: +39 055 2752 200
e-mail: mbona@arcetri.astro.it

8 attachments



IMG_20140709_135741746.jpg
1119K



IMG_20140709_135117146.jpg
919K



IMG_20140709_155605581.jpg
1065K

IMG_20140709_155427465.jpg
843K



IMG_20140709_155518778.jpg
1030K



IMG_20140709_160929257.jpg
1112K



IMG_20140709_171212229.jpg
1032K



IMG_20140710_111102037.jpg
744K

Wolfgang Gaessler <gaessler@mpia.de>
To: Julian Ziegler <ziegler@mpe.mpg.de>
Cc: Marco Bonaglia <mbona@arcetri.astro.it>, Lorenzo Busoni <lbusoni@arcetri.astro.it>

11 July 2014 at 14:39

Hi Julian,

we received the ethernet card here and tested it.
We couldn't find any damage. It was working with
a test unit here.

Remaining issues I was told to test:

- cable (Marco will do a through test of the cable)
- backplane connections
- power supply (I was told by Marco he
already tested the power reaching
the moccon board and it was the
supposed 5V)
- moccon board itself

Marco told me he has no spare moccon.
Do you still have one in Garching?

[Quoted text hidden]

ziegleder <ziegleder@mpe.mpg.de>

11 July 2014 at 15:07

To: Wolfgang Gaessler <gaessler@mpia.de>

Cc: Marco Bonaglia <mbona@arcetri.astro.it>, Lorenzo Busoni <lbusoni@arcetri.astro.it>

Spares are on the mountain.

If the onboard ethernet port works, I don't see any reason why anything else than the output transformer
should be damaged. Assuming Marco and friends didn't do too strange things with the hardware. A

[Quoted text hidden]

Marco Bonaglia <mbona@arcetri.astro.it>

26 August 2014 at 13:58

To: Wolfgang Gaessler <gaessler@mpia.de>

Cc: Julian Ziegleder <ziegleder@mpe.mpg.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>

Hi Guys,

Unfortunately I'm back from holidays and I'm resuming the open issues.
What about the SX Mocon ethernet card?

Wolfgang could you send us back the one you succesfully tested?

Ciao!

Marco

[Quoted text hidden]

--

Marco Bonaglia
INAF - Arcetri Astrophysical Observatory

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50125, Firenze

Phone: +39 055 2752 200

E-mail: mbona@arcetri.astro.it

Julian Ziegleder <ziegleder@mpe.mpg.de>

26 August 2014 at 14:02

To: Marco Bonaglia <mbona@arcetri.astro.it>, Wolfgang Gaessler <gaessler@mpia.de>

Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>

Go back on vacation ;-)

[Quoted text hidden]

[Quoted text hidden]

--

Julian Ziegleder
Elektronikgruppe
Max Planck Institut für extraterrestrische Physik

Giessenbachstrasse, D-85748 Garching

email: ziegleder@mpe.mpg.de
Tel.: +49-89-30000-3836
Fax : +49-89-30000-3569

Wolfgang Gaessler <gaessler@mpia.de>
To: Marco Bonaglia <mbona@arcetri.astro.it>

26 August 2014 at 16:41

On 08/26/2014 01:58 PM, Marco Bonaglia wrote:

Hi Guys,

Unfortunately I'm back from holidays and I'm resuming the open issues.
What about the SX Mocon ethernet card?

Wolfgang could you send us back the one you succesfully tested?

yes, I can. Will do tomorrow.

ciao
wolfgang
[Quoted text hidden]

Marco Bonaglia <mbona@arcetri.astro.it>
To: Julian Ziegleder <ziegleder@mpe.mpg.de>
Cc: Wolfgang Gaessler <gaessler@mpia.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>

30 January 2015 at 11:25

Hi Guys,

I'm was doing few more tests on the SX Mocon ethernet before removing the module from the rack and ship it to MPIA.

I put back the BR3 and BR4 jumpers on the Mocon board to select for the external X1 ethernet connector (the one on the panel).

Then I connected an ethernet cable to it, restarted basdards and pinged it.

As you may see from the video I'm attaching the ping is quite high (>1ms) and the connection on the Lab GUI is blinking...

So I checked the internal ethernet and it is also active... Actually it seems to me that the system is switching between the 2 ports...

Is this possible?

Do you have any spare Mocon board so I can double check that this is the real problem?

Let me know your opinion..

Ciao!

M.
[Quoted text hidden]

Julian Ziegleder <ziegleder@mpe.mpg.de>
To: Marco Bonaglia <mbona@arcetri.astro.it>
Cc: Wolfgang Gaessler <gaessler@mpia.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>

30 January 2015 at 11:33

Hi Marco,

can you send me picture of the BR3/BR4 area?

After my mocon stocktaking this week I'm happy to tell you that I have a spare card for you in hand ;-)

Greetings,
Julian

[Quoted text hidden]
[Quoted text hidden]

Marco Bonaglia <mbona@arcetri.astro.it>

30 January 2015 at 11:36

To: Julian Ziegler <ziegler@mpe.mpg.de>
Cc: Wolfgang Gaessler <gaessler@mpia.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>

here it is, before (jumpers on the left) and after (jumpers on the right)...

[Quoted text hidden]



Photos (2).zip

1573K

Julian Ziegler <ziegler@mpe.mpg.de> 30 January 2015 at 11:42
To: Marco Bonaglia <mbona@arcetri.astro.it>
Cc: Wolfgang Gaessler <gaessler@mpia.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>

Thank you, this looks fine. Is the on-board connector really working, or is it just blinking? Because the LEDs are used for any ethernet connection. They are not deactivated if you select the external port.

[Quoted text hidden]

[Quoted text hidden]

Marco Bonaglia <mbona@arcetri.astro.it> 30 January 2015 at 12:01
To: Julian Ziegler <ziegler@mpe.mpg.de>
Cc: Wolfgang Gaessler <gaessler@mpia.de>, Lorenzo Busoni <lbusoni@arcetri.astro.it>

You are right: if I do not connect the external one the on-board one it is not working...
Anyhow if I connect both ones the ping says (DUP!)...

[Quoted text hidden]

Wolfgang Gaessler <gaessler@mpia.de> 30 January 2015 at 15:53
To: Marco Bonaglia <mbona@arcetri.astro.it>, Julian Ziegler <ziegler@mpe.mpg.de>
Cc: Lorenzo Busoni <lbusoni@arcetri.astro.it>

Hi,

I talked a bit with Lars and including this new information we tried to do a distant far healing analysis:

- as the on MOCCON network is working, the MOCCON board should be OK
- currently we suspect most the cable from the external network to the MOCCON card.
- I will send on Monday a new cable for testing.
- The other possibility would be the backplane cold solder or broken pin.

To exchange it's probably better to have the full rack in HD or send somebody to exchange it.

Therefore,

- ** you will get a new cable to test
- ** sending MOCCON alone will not help
- ** let's talk again after cable test

ciao

wolfgang

[Quoted text hidden]

[Quoted text hidden]