

## Rony Anas

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**From:** Joko Irawan  
**Sent:** 13 November 2018 12:10  
**To:** Rony Anas  
**Subject:** FW: Penguin Hull 325-326 - Current Outstanding==> Plan Commisioning time frame nya

Dear Mas Bro,

FYI..

Best Regards,

Joko Irawan  
Marine Application Engineer  
Power System Sales

PT Trakindo Utama  
Batam Branch  
Jalan Yos Sudarso, Batu Ampar, Batam 29451, Indonesia  
Tel: +62 778 412 182 Ext. 41 Mobile: +62 812 7032 876  
Fax: +62 778 412 081  
[joko.irawan@trakindo.co.id](mailto:joko.irawan@trakindo.co.id)  
[www.trakindo.co.id](http://www.trakindo.co.id)  
Call Center 1500 228  
Facebook. LinkedIn: PT Trakindo Utama

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**From:** Joko Irawan  
**Sent:** Tuesday, November 13, 2018 12:01 PM  
**To:** 'Thomas Heri Darmanto'  
**Cc:** Muhammad Saleh; Febrio Sungata; Hilarius Kopong Ola; Arliadi; Julianto; Jordan (R. Sofian Jordan Sipayung); Iqbal Asrul ([iasrul@trakindo.co.id](mailto:iasrul@trakindo.co.id))  
**Subject:** RE: Penguin Hull 325-326 - Current Outstanding==> Plan Commisioning time frame nya

Dear Pak Tomas..

Berikut update schedulanya Pak..

Sesuai informasi yang sudah saya share dari customer update planning (jika tidak ada kendala) kapal launching di tanggal 19-11-18 dan dilanjutkan pekerjaan precommissioning, commissioning dan sea trial.

Estimasi waktu yang disiapkan oleh customer maximum 2 week untuk setiap kapal.

Saya akan update info jika ada info terupdate dari customer.

Terima kasih.

| Customer Name Allocation/ Stock        | Hull Number/Vessel Name    | Engine S/N | Model / Material Description                                  | ID No.   | Engine Location |
|--|----------------------------|------------|---|----------|-----------------|
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H325 / TMC PHOENIX - LAGOS | ZP200181   | C32MP3SG C32-1450BHP @ 2300RPM, "C" MAXIMUM CONTINUOUS RATING | 10015287 | ME PORT         |
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H325 / TMC PHOENIX - LAGOS | ZP200179   | C32MP3SG C32-1450BHP @ 2300RPM, "C" MAXIMUM CONTINUOUS RATING | 10015291 | ME STBD         |
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H325 / TMC PHOENIX - LAGOS | ZP200182   | C32MP3SG C32-1450BHP @ 2300RPM, "C" MAXIMUM CONTINUOUS RATING | 10015289 | ME CENTER       |

|  |                            |                 |   |          |           |   |
|--|----------------------------|-----------------|---|----------|-----------|---|
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H325 / TMC PHOENIX - LAGOS | <b>S1M08240</b> | C4.4MPGSW 86EKW   | 10016750 | AE        | F |
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H325 / TMC PHOENIX - LAGOS | <b>S1M08239</b> | C4.4MPGSW 86EKW   | 10016751 | AE        | F |
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H325 / TMC PHOENIX - LAGOS | <b>S1M08245</b> | C4.4MPGSW 86EKW   | 10016752 | AE        | F |
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H326 / TMC FALCON - LAGOS  | <b>ZP200180</b> | C32MP3SG C32-1450BHP @ 2300RPM, "C" MAXIMUM CONTINUOUS RATING | 10015288 | ME PORT   | F |
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H326 / TMC FALCON - LAGOS  | <b>ZP200183</b> | C32MP3SG C32-1450BHP @ 2300RPM, "C" MAXIMUM CONTINUOUS RATING | 10015290 | ME STBD   | F |
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H326 / TMC FALCON - LAGOS  | <b>ZP200239</b> | C32MP3SG C32-1450BHP @ 2300RPM, "C" MAXIMUM CONTINUOUS RATING | 10017020 | ME CENTER | F |
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H326 / TMC FALCON - LAGOS  | <b>S1M08242</b> | C4.4MPGSW 86EKW   | 10016753 | AE        | F |
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H326 / TMC FALCON - LAGOS  | <b>S1M08256</b> | C4.4MPGSW 86EKW   | 10016754 | AE        | F |
| PENGUIN SHIPYARD INTERNATIONAL PTE LTD | H326 / TMC FALCON - LAGOS  | <b>S1M08255</b> | C4.4MPGSW 86EKW   | 10016755 | AE        | F |

Best Regards,

Joko Irawan  
Marine Application Engineer  
Power System Sales

PT Trakindo Utama  
Batam Branch  
Jalan Yos Sudarso, Batu Ampar, Batam 29451, Indonesia  
Tel: +62 778 412 182 Ext. 41 Mobile: +62 812 7032 876  
Fax: +62 778 412 081  
[joko.irawan@trakindo.co.id](mailto:joko.irawan@trakindo.co.id)  
[www.trakindo.co.id](http://www.trakindo.co.id)  
Call Center 1500 228  
Facebook. LinkedIn: PT Trakindo Utama

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**From:** Thomas Heri Darmanto [<mailto:thomas.darmanto@trakindo.co.id>]  
**Sent:** Monday, November 12, 2018 1:53 PM  
**To:** Joko Irawan; Muhammad Saleh; Febrio Sungata; Hilarius Kopong Ola; Ariadi  
**Subject:** RE: Penguin Hull 325-326 - Current Outstanding==> Plan Commisioning time frame nya

Joko,

Mohon di buat kan schedule mengenai Commisioning Penguin ya ...spy kita lihat techniciannya  
Jika di perlukan kita akan pinjamkan

Best regards

**Tomas Heri Darmanto**  
Sr Service Supervisor

**PT Trakindo Utama**

**Batam Branch**

Jl. Yos Sudarso, Batu Ampar – Batam – Indonesia  
Telp +62 778 412182 ext 42 Mobile +62 811 2727 006  
[thomas.darmanto@trakindo.co.id](mailto:thomas.darmanto@trakindo.co.id)  
[www.trakindo.co.id](http://www.trakindo.co.id)

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**From:** Joko Irawan

**Sent:** 09 November 2018 17:42

**To:** Muhammad Saleh <[muhammad.saleh@trakindo.co.id](mailto:muhammad.saleh@trakindo.co.id)>; Febrio Sungata <[febrio.sungata@trakindo.co.id](mailto:febrio.sungata@trakindo.co.id)>; Hilarius Kopong Ola <[hilarius.ola@trakindo.co.id](mailto:hilarius.ola@trakindo.co.id)>

**Cc:** Thomas Heri Darmanto <[thomas.darmanto@trakindo.co.id](mailto:thomas.darmanto@trakindo.co.id)>

**Subject:** RE: Penguin Hull 325-326 - Current Outstanding

Dear Bro Febrio,

Mohon share nama2 technician technician untuk safety induction untuk project 40M FAST CREW BOAT H325 dan H326 di PT Kim Seah Shipyard Indonesia sesuai info dibawah ini agar saya bisa submit namanya ke customer.  
Terima kasih.

Dear Bang Saleh,

Mohon bantuannya untuk join pada hari senin tersebut untuk pengecekan dan witnessed installasi FIFI pump dengan main engine C32 di H325 dan H326.  
Terima kasih.

Dear Pak Hilar,

Mohon bantu siapkan tool dial/end play dan degree level untuk hari senin, 12-11-18 ya, mau kami pinjam untuk alignment FIFI pump.  
Terima kasih.

Best Regards,

Joko Irawan  
Marine Application Engineer  
Power System Sales

PT Trakindo Utama  
Batam Branch  
Jalan Yos Sudarso, Batu Ampar, Batam 29451, Indonesia  
Tel: +62 778 412 182 Ext. 41 Mobile: +62 812 7032 876  
Fax: +62 778 412 081  
[joko.irawan@trakindo.co.id](mailto:joko.irawan@trakindo.co.id)  
[www.trakindo.co.id](http://www.trakindo.co.id)  
Call Center 1500 228  
Facebook. LinkedIn: PT Trakindo Utama

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---

**From:** Joko Irawan

**Sent:** Wednesday, November 07, 2018 1:25 PM

**To:** Nasir Sali; Thomas Heri Darmanto; Willie Tan

**Cc:** Roy Loi; Zhang Zheng; Julianto; Muhammad Saleh; Jordan Sipayung; Ractno Putra Machmud S; Jeffery Ong; Faudzila Adnan; Siti Hamdan; Gary Koh; Febrio Sungata; Iqbal Asrul

**Subject:** Re: Penguin Hull 325-326 - Current Outstanding

Hi Pak Nasir,

Good Day,  
With Pleasure Pak.

1. The hole size is 1 inch, but later i will share to you completed dimension. The adapter will be supplied by Penguin, they only need we made a hole with inside thread.

2. Noted Pak..I will waiting the MDR and the others information request before.

3. I have discuss with Pak Chan, he said 3 pcs CT was enough and no need to additional CT drop. But he say still need more advise about our JB hole cause he need put some cable to inside. Tomorrow morning I will meet him to discuss again.

4. Update today, I just completed remove and reposition lub oil temp sensor Noris for C32 PORT and STBD at H326. I found sensor for C32 PORT still not connect on the inside, attached pictures.

Thank you.

Best Regards,

Joko Irawan  
Marine Application Engineer  
Power System Sales

PT Trakindo Utama  
Batam Branch  
Jalan Yos Sudarso, Batu Ampar, Batam 29451, Indonesia  
Tel: +62 778 412 182 Ext. 34 Mobile: +62 812 7032 876  
Fax: +62 778 412 081  
[joko.irawan@trakindo.co.id](mailto:joko.irawan@trakindo.co.id)  
[www.trakindo.co.id](http://www.trakindo.co.id)  
Call Center 1500 228  
Facebook. LinkedIn: PT Trakindo Utama

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----- Pesan asli -----

Dari: Nasir M Sali <[nsali@tus spl.com](mailto:nsali@tus spl.com)>

Tanggal: 07/11/18 12:58 (GMT+07:00)

Ke: Joko Irawan <[joko.irawan@trakindo.co.id](mailto:joko.irawan@trakindo.co.id)>, Thomas Heri Darmanto  
<[thomas.darmanto@trakindo.co.id](mailto:thomas.darmanto@trakindo.co.id)>, Willie Tan <[willietan@tus spl.com](mailto:willietan@tus spl.com)>

Cc: Roy Loi <[roy@tus spl.com](mailto:roy@tus spl.com)>, Zhang Zheng <[zhangzheng@tus spl.com](mailto:zhangzheng@tus spl.com)>, Julianto  
<[julianto@trakindo.co.id](mailto:julianto@trakindo.co.id)>, Muhammad Saleh <[muhammad.saleh@trakindo.co.id](mailto:muhammad.saleh@trakindo.co.id)>, Jordan Sipayung  
<[jordan.sipayung@gmail.com](mailto:jordan.sipayung@gmail.com)>, Ractno Putra Machmud S <[ractno.machmuds@trakindo.co.id](mailto:ractno.machmuds@trakindo.co.id)>, Jeffery  
Ong <[jefferyong@tus spl.com](mailto:jefferyong@tus spl.com)>, Faudzila Adnan <[fadnan@tus spl.com](mailto:fadnan@tus spl.com)>, Siti Hamdan  
<[sitimarhamah@tus spl.com](mailto:sitimarhamah@tus spl.com)>, Gary Koh <[garykoh@tus spl.com](mailto:garykoh@tus spl.com)>, Febrio Sungata  
<[febrio.sungata@trakindo.co.id](mailto:febrio.sungata@trakindo.co.id)>, Iqbal Asrul <[iasrul@trakindo.co.id](mailto:iasrul@trakindo.co.id)>

Subjek: RE: Penguin Hull 325-326 - Current Outstanding

Hi Joko,

Thanks for your response. Appreciate your update.

With regards to the flanges for the gearbox cooler that PT KSS has passed to you, please assist to modify the flanges as per customer's request for the units currently in Batam. Do let us know the hole and thread size to drill on the flanges, as we shall carry out this works for the gearboxes that are currently still in our warehouse (for H287), as well as for future orders as well. Do advise if the adapter is under PT KSS's scope or Trakindo have to supply as well.

We are currently consolidating the MDR for the equipment that we have supplied for H325 and H326, and shall try to provide the softcopy to you within this week.

Also, let us know on the status of the shipped loose droop CTs as well. Is the installation of the droop CT on the generators under PT KSS's scope as well or not?

Thanks.

Best Regards,

Nasir M Sali  
Power Systems Department

**PT Trakindo Utama Singapore Branch**

No. 6 Tuas Avenue 2

Singapore 639446

Tel. +65 6394 7500, 6416 2300 Ext. 535 • Mobile: +65 9687 8644

[nsali@tus spl.com](mailto:nsali@tus spl.com)

[www.trakindo.co.id](http://www.trakindo.co.id)

A member of Tiara Marga Trakindo Group

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**From:** Joko Irawan [<mailto:joko.irawan@trakindo.co.id>]

**Sent:** Tuesday, November 6, 2018 6:33 PM

**To:** Nasir M Sali <[nsali@tus spl.com](mailto:nsali@tus spl.com)>; Thomas Heri Darmanto <[thomas.darmanto@trakindo.co.id](mailto:thomas.darmanto@trakindo.co.id)>; Willie Tan <[willietan@tus spl.com](mailto:willietan@tus spl.com)>

**Cc:** Roy Loi <[roy@tus spl.com](mailto:roy@tus spl.com)>; Zhang Zheng <[zhangzheng@tus spl.com](mailto:zhangzheng@tus spl.com)>; Julianto <[julianto@trakindo.co.id](mailto:julianto@trakindo.co.id)>; Muhammad Saleh <[muhammad.saleh@trakindo.co.id](mailto:muhammad.saleh@trakindo.co.id)>; Jordan Sipayung <[jordan.sipayung@gmail.com](mailto:jordan.sipayung@gmail.com)>; Ractno Putra Machmud S <[ractno.machmuds@trakindo.co.id](mailto:ractno.machmuds@trakindo.co.id)>; Jeffery Ong <[jefferyong@tus spl.com](mailto:jefferyong@tus spl.com)>; Faudzila Bte Adnan <[fadnan@tus spl.com](mailto:fadnan@tus spl.com)>; Siti Marhamah Bte Hamdan <[sitimarhamah@tus spl.com](mailto:sitimarhamah@tus spl.com)>; Gary Koh <[garykoh@tus spl.com](mailto:garykoh@tus spl.com)>; Febrio Sungata <[febrio.sungata@trakindo.co.id](mailto:febrio.sungata@trakindo.co.id)>; Iqbal Asrul <[iasrul@trakindo.co.id](mailto:iasrul@trakindo.co.id)>

**Subject:** RE: Penguin Hull 325-326 - Current Outstanding

Dear Pak Nasir,

Good Afternoon,

Just update to you :

1. Lub Oil Temp for C32 at H325 has completed, today they will filled the lub engine oil so they can do alignment tomorrow.
2. PT KSS has been passed to me 12pcs flange for GB cooler belong H325 and H326 to modify (make a hole with inside thread) to put adapter as picture below.

*Note : H325 will be launching on 19/11/18*



Dear Pak Tomas,

Due to the vessel will be launching and continue to pre-commissioning and commissioning kindly please to prepare and schedule our technician/service engineer to attend safety induction next week on Monday, 12/11/18 at 9.00 am because we are not allow to work on there before safety induction refer to our discussed by today.

Thank you.

Dear Brother Willie,

Please send to me all engine drawing for all system, specification, performance data (MDR), vessel GA H325, H326 and GA for propeller and shaft.

Thank you.

Best Regards,

Joko Irawan  
Marine Application Engineer  
Power System Sales

PT Trakindo Utama  
Batam Branch  
Jalan Yos Sudarso, Batu Ampar, Batam 29451, Indonesia  
Tel: +62 778 412 182 Ext. 41 Mobile: +62 812 7032 876  
Fax: +62 778 412 081  
[joko.irawan@trakindo.co.id](mailto:joko.irawan@trakindo.co.id)  
[www.trakindo.co.id](http://www.trakindo.co.id)  
Call Center 1500 228  
Facebook. LinkedIn: PT Trakindo Utama

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**From:** Joko Irawan  
**Sent:** Monday, November 05, 2018 4:04 PM  
**To:** Nasir Sali; Gary Koh; Willie Tan  
**Cc:** Roy Loi; Zhang Zheng; Julianto; Muhammad Saleh; Thomas Heri Darmanto; Jordan Sipayung; Ractno Putra Machmud S; Jeffery Ong; Faudzila Adnan; Siti Hamdan  
**Subject:** Re: Penguin Hull 325-326 - Current Outstanding

Dear Pak Nasir,

Good afternoon,

Thank you very much for your feedback.

Tomorrow morning I have invited from Pak Kristian PT KSS to continue exchange position Noris Lub Oil Temperature for H325 and H326, so I will discuss with them and than share the pictures and information related with this issue.

Thanks in advance.

Best Regards,

Joko Irawan  
Marine Application Engineer  
Power System Sales

PT Trakindo Utama  
Batam Branch



Jalan Yos Sudarso, Batu Ampar, Batam 29451, Indonesia  
Tel: +62 778 412 182 Ext. 34 Mobile: +62 812 7032 876  
Fax: +62 778 412 081  
[joko.irawan@trakindo.co.id](mailto:joko.irawan@trakindo.co.id)  
[www.trakindo.co.id](http://www.trakindo.co.id)  
Call Center 1500 228  
Facebook. LinkedIn: PT Trakindo Utama

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----- Pesan asli -----

Dari: Nasir M Sali <[nsali@tuspl.com](mailto:nsali@tuspl.com)>

Tanggal: 05/11/18 15:56 (GMT+07:00)

Ke: Joko Irawan <[joko.irawan@trakindo.co.id](mailto:joko.irawan@trakindo.co.id)>, Gary Koh <[garykoh@tuspl.com](mailto:garykoh@tuspl.com)>, Willie Tan <[willietan@tuspl.com](mailto:willietan@tuspl.com)>

Cc: Roy Loi <[roy@tuspl.com](mailto:roy@tuspl.com)>, Zhang Zheng <[zhangzheng@tuspl.com](mailto:zhangzheng@tuspl.com)>, Julianto <[julianto@trakindo.co.id](mailto:julianto@trakindo.co.id)>, Muhammad Saleh <[muhammad.saleh@trakindo.co.id](mailto:muhammad.saleh@trakindo.co.id)>, Thomas Heri Darmanto <[thomas.darmanto@trakindo.co.id](mailto:thomas.darmanto@trakindo.co.id)>, Jordan Sipayung <[jordan.sipayung@gmail.com](mailto:jordan.sipayung@gmail.com)>, Ractno Putra Machmud S <[ractno.machmuds@trakindo.co.id](mailto:ractno.machmuds@trakindo.co.id)>, Jeffery Ong <[jefferyong@tuspl.com](mailto:jefferyong@tuspl.com)>, Faudzila Adnan <[fadnan@tuspl.com](mailto:fadnan@tuspl.com)>, Siti Hamdan <[sitimarhamah@tuspl.com](mailto:sitimarhamah@tuspl.com)>

Subjek: RE: Penguin Hull 325-326 - Current Outstanding

Hi Joko,

Do allow me to respond on Willie's behalf as Willie is on leave presently, and will only be back in office on Wednesday. Our response is as follows:

1. With regards to the piping issue on the sea water pump (SWP), this issue of engine overheating due to SWP not working properly during crash stop test, has not been highlighted to us by Penguin previously. We have checked with Cat, and there is also no option to select priming pump for the sea water pump for the Cat C32 marine engine. In view of this, we believe our scope of supply for the SWP should be the same as that of TSL. In any case, do allow us some to check and verify on this with cat factory engineer, and shall revert back to you once we have further information.
2. With regards to the flange and tube connections for the gearbox coolers cooling lines, again, we will have to check with ZF if this is supposed to be under ZF's scope, and shall revert back to you. In the meantime, it will help if you can assist to provide us with a sketch of what is required at site for the connections concurrently.
3. On the electrical issue pertaining to the number of CTs' for the Cat 4.4 gensets, Caterpillar has presently installed 3 nos. of CTs for the generator metering and protection on the generator. The 4<sup>th</sup> CT is basically the Droop CT, which Caterpillar has shipped loose in the genset accessory case. Please refer to the packing list which we have provided to Penguin Shipyard. It is not clear if TSL previously delivered their Cat C4.4 gensets with the Droop CT supplied loose, or they installed them by themselves before delivery. The standard from Caterpillar is shipped loose Droop CTs from factory. For the units that have already been delivered to Penguin, we may need your assistance to retrieve the loose Droop CTs for the accessory case and install them, especially if this is not under the shipyard's scope. Let us discuss internally, on how we shall handle this for subsequent deliveries to Penguin, ie whether we install them at our workshop or deliver them loose for shipyard to install, and shall revert back to you.
4. On the Noris local control panel, let us verify with Noris on this and shall revert back to you. At the same time, do share with us the photos of the cable gland connections currently installed on the TSL panels so that we can highlight to Noris as well.

Do let us know if you have further clarifications.



Best Regards,

Nasir M Sali  
Power Systems Department

**PT Trakindo Utama Singapore Branch**

No. 6 Tuas Avenue 2

Singapore 639446

Tel. +65 6394 7500, 6416 2300 Ext. 535 • Mobile: +65 9687 8644

[nsali@tusspl.com](mailto:nsali@tusspl.com)

[www.trakindo.co.id](http://www.trakindo.co.id)

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---

**From:** Joko Irawan [<mailto:joko.irawan@trakindo.co.id>]

**Sent:** Friday, November 2, 2018 6:41 PM

**To:** Gary Koh <[garykoh@tusspl.com](mailto:garykoh@tusspl.com)>; Willie Tan <[willietan@tusspl.com](mailto:willietan@tusspl.com)>

**Cc:** Roy Loi <[roy@tusspl.com](mailto:roy@tusspl.com)>; Nasir M Sali <[nsali@tusspl.com](mailto:nsali@tusspl.com)>; Zhang Zheng <[zhangzheng@tusspl.com](mailto:zhangzheng@tusspl.com)>; Julianto <[julianto@trakindo.co.id](mailto:julianto@trakindo.co.id)>; Muhammad Saleh <[muhammad.saleh@trakindo.co.id](mailto:muhammad.saleh@trakindo.co.id)>; Thomas Heri Darmanto <[thomas.darmanto@trakindo.co.id](mailto:thomas.darmanto@trakindo.co.id)>; Jordan Sipayung <[jordan.sipayung@gmail.com](mailto:jordan.sipayung@gmail.com)>; Ractno Putra Machmud S <[ractno.machmuds@trakindo.co.id](mailto:ractno.machmuds@trakindo.co.id)>

**Subject:** Re: Penguin Hull 325-326 - Current Outstanding

Dear Pak Gary / Brother Willie,

Wellnoted..

Caused these first project I need your help to ensure no mismatch on our scope of supplied and below additional information for both of Issue.

**Piping Issue :**

1. Based on discuss and meeting this afternoon they have problem during crash stop test, the engine shuttently shutdown cause engine was overheat due to SWP cannot working properly/the suction not fully enough and the engine take longer time to running cause need priming the sea water into SWP. So that why the need advise about priming pump. I have to advised Pak Madison to put gooseneck before our C32 SWP. How about TSL supply for Flex 40M and 42M is it any different type of supply between us and them? How they do to prevent this issue?
2. Yes they need flange with tube is ready for all gearbox cooler. How the decision for all geabox that was deliver here? Is it we modify here in Batam or waiting from TUS? They will remove all flange and return to Trakindo Batam.

**Electrical Issue :**

1. Usually we only put CT at R,S,T but i don't understand what purpose for another 1 pcs. Brother Willie can U check why TSL supply 4 pcs? Is it one for emergency parts?
2. I will check gland cable and let you know the pictures. Please check with NORIS the diffrent between us and TSL type of.
3. Already share from Brother Willie and I have sharing the drawing to Pak Chan.

Thank you for your kind support.

Best Regards,

Joko Irawan

Marine Application Engineer  
Power System Sales

PT Trakindo Utama  
Batam Branch  
Jalan Yos Sudarso, Batu Ampar, Batam 29451, Indonesia  
Tel: +62 778 412 182 Ext. 34 Mobile: +62 812 7032 876  
Fax: +62 778 412 081  
[joko.irawan@trakindo.co.id](mailto:joko.irawan@trakindo.co.id)  
[www.trakindo.co.id](http://www.trakindo.co.id)  
Call Center 1500 228  
Facebook. LinkedIn: PT Trakindo Utama

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----- Pesan asli -----

Dari: Gary Koh <[garykoh@tuspl.com](mailto:garykoh@tuspl.com)>  
Tanggal: 02/11/18 16:08 (GMT+07:00)  
Ke: Willie Tan <[willietan@tuspl.com](mailto:willietan@tuspl.com)>  
Cc: Joko Irawan <[joko.irawan@trakindo.co.id](mailto:joko.irawan@trakindo.co.id)>, Roy Loi <[roy@tuspl.com](mailto:roy@tuspl.com)>, Nasir Sali <[nsali@tuspl.com](mailto:nsali@tuspl.com)>, Zhang Zheng <[zhangzheng@tuspl.com](mailto:zhangzheng@tuspl.com)>, Julianto <[julianto@trakindo.co.id](mailto:julianto@trakindo.co.id)>  
Subjek: Re: Penguin Hull 325-326 - Current Outstanding

Dear Willie/Joko,

1. For the inlet sea water pump flex 40M doesn't have priming pump? Need advise..is there a priming pump for sea water? I don't recall.
  2. For all GB cooler not have inlet and outlet sea water tube, need to made adapter and thread for all GB cooler. Please check what TSL have supply. We can supply threaded flange. Next time we have to included it in the ZF supplied. Maybe Willie write to ZF why it is not supplied and see what is ther answer.
- Electrical question
1. Why quantity CT between TUS and TSL different, TUS supply 3pcs, TSL supply 4pcs? Could we supply short 1 piece?
  2. At local control panel why TSL give only socket for all connection and TUS give 3 hole with gland cable, PT KSS need 7 gland cable. Send picture please. If it is NORIS we will check with them.
  3. They need drawing Noris for All project supply by TUS. Willie please take note. Believe Willie has forward the drawings to the SG office.

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**From:** Willie Tan  
**Sent:** Friday, November 2, 2018 4:59:53 PM  
**To:** Gary Koh  
**Cc:** Joko Irawan; Roy Loi; Nasir M Sali; Zhang Zheng; Julianto  
**Subject:** Penguin Hull 325-326 - Current Outstanding

Dear Gary,

Kindly find new findings for Hull 325-326 from Pak Joko's discussion with Penguin project Team.

I just meeting with Pak Madison (piping) and Pak Chan (Electrical) and have some question :

Piping question :

1. For the inlet sea water pump flex 40M doesn't have priming pump? Need advise..
2. For all GB cooler not have inlet and outlet sea water tube, need to made adapter and thread for all GB cooler

Electrical question

1. Why quantity CT between TUS and TSL different, TUS supply 3pcs, TSL supply 4pcs?
2. At local control panel why TSL give only socket for all connection and TUS give 3 hole with gland cable, PT KSS need 7 gland cable
3. They need drawing Noris for All project supply by TUS

Please advise..thanks.

Best Regards,

**Willie Tan**

Project Engineer, Power Systems Division

PT Trakindo Utama Singapore Branch

No.6 Tuas Avenue 2

Singapore 639446

Tel. +65 6394 7500, 6416 2300 Ext. 543

[willietan@tuspl.com](mailto:willietan@tuspl.com)

[www.trakindo.co.id](http://www.trakindo.co.id)

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