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## Welcome

Hi everyone! Welcome to the 6<sup>th</sup> Edition of the Seascope Surveyor.

Our management summary is written by Roddy Macdonald, Inspection Manager of Seascope Surveys.

We also look at current and recently completed projects, have an interesting article from our Singapore office, and summarise recent training undertaken in our Jakarta office.

There is an important reminder about PPE Care and Maintenance, and a Safety Alert highlighting the dangers associated with personnel transfers from vessels.

Please keep sending us your project photos, articles and advice for the newsletters, and remember - have a safe day !

## Management Summary

First of all, I would like to wish all Seascope employees and their families a belated "Happy and Prosperous New Year". It is hard to believe that it is now more than a year since we became part of Mermaid Offshore Services. Time certainly passes very quickly.

As the Inspection Manager I am pleased to say that we had a good year in 2008 with two inspection engineers passing their CSWIP 3.4 U course. Well done to Fahmi and Mike. Two more personnel have been on the course this year and I am sure they have done well. I intend to put more people through the course later this year.

Recently, we have had some interesting projects including structural, pipeline and FPSO inspection work. We have also developed our own "in-house" inspection software system named IRIS. It has been thoroughly tested and is now ready for offshore use. In fact it will be tested on an FPSO inspection job for Chevron Thailand during March 2009. It has been an interesting development and I would like to thank all those involved for doing a great job to bring the system to this stage. In particular I want to thank Kenny, Howard, Angga, Adhitya and Ross for their input and efforts to complete and test this large and complicated project.

The start of 2009 has allowed everyone to catch their breath after a hectic 2008, but we are now mobilising for jobs in Thailand and Vietnam and I am sure that this will be a great year for all of us. There are a number of bids already out or are being prepared now.

The company had an impressive year in 2008 and we are all looking forward to 2009. This is due to the great team effort on the part of all of the Seascope employees. Let's keep up the effort in the coming year so that we can all prosper.

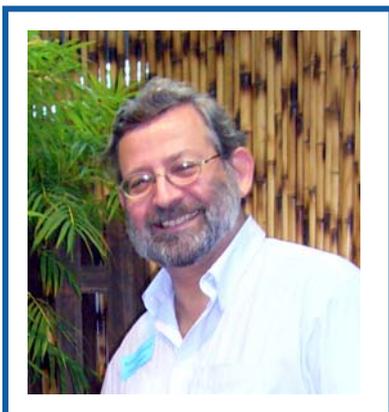
Everybody has their part to play to ensure that jobs are won, carried out and completed safely and to the satisfaction of the client. This is how the company will grow. We have a wide range of talents within Seascope and every one has skills to contribute.

As ever, safety is extremely important for all Seascope employees and we must be vigilant to look out for ourselves and for our work mates.

Unfortunately, one of our employees had a serious accident at the end of last year and broke his leg whilst in Vietnam. The details are contained in an article inside this magazine. However it illustrates how easy it is for an incident like this to occur. So please everyone, just stop and take a minute to assess the task you are about to undertake. Get into the good habit of running through a mental check list before you start the job. Here are some suggestions and I am sure everyone can add to it:

1. What does the task involve?
2. Is it really necessary to do this task or do it in this way?
3. Is there a Hazard Identification and Risk Assessment (HIRA) or procedure in place?
4. What are the hazards?
5. How could I or others get hurt?

Continued on page 2...



**Roddy Macdonald**  
Inspection Manager

...continued from page 1

6. How do I control my work?
7. What controls must be implemented?
8. Are there any lines of communication that need to be established?
9. Who is responsible?

Now that you have identified the hazards and controls, put them in place - for example read the procedures or HIRA and put the controls in place before you start the job. During the job stay focused and be aware of any new hazards as you see them. If anything changes then stop and re-assess the risks. If in doubt - **STOP THE JOB AND RE-ASSESS**.

As a simple example, how many people check the fire escape route when they go into a strange hotel or other building? Again it is worth checking where the nearest fire escape exit is located and where the second route is located if the fire is blocking the first escape route. If you get woken up at 3 o'clock in the morning and stumble out of bed half asleep because the fire alarm has gone off, would you know where to go when you get out of the room? If the fire is blocking one exit route where do you go next?

I consider there are mental, informal Risk Assessments and it is worth getting into the habit of just running through the checklist before you start any task no matter how trivial it seems or how many times you have done it before. In fact, doing the same job over and over again is a contributing factor to many accidents. We get so used to doing the same thing that we don't really think about the task - our brain seems to go into "auto pilot". Again, just take minute to stop and think about the task and run through the mental TRA exercise. It may save you or a workmate from injury or worse.

I hope that all of you and your families have a very good and safe 2009. Let's keep up the good work we have achieved so far and even improve on it during the coming year. We all benefit if the company grows and prospers.

Have a great and safe year.

Roddy

## Safety Alert !!!

**Boat-to-boat and boat-to-shore transfers are dangerous!**

All Seascope Survey employees and contractors are reminded that boat-to-boat and boat-to-shore transfers are dangerous ! Such transfers have caused deaths and serious injuries in the offshore industry, and will happen again. All boat transfers must be undertaken with extreme caution. No-one is expected to make a transfer if they feel it is unsafe. The situation should always be assessed before doing any transfer.

Questions to ask yourself before undertaking a boat transfer are:

- ✚ Is the transfer really necessary?  
Seascope Surveys management will support anyone who chooses not to make a boat transfer, for any reason.
- ✚ Has the vessel Captain / Party Chief reviewed the conditions and authorized the boat transfer? **A short risk assessment and safety meeting should be held before the transfer.**
- ✚ Are the weather conditions and vessels suitable ?
- ✚ Are you wearing the correct PPE ? **Full PPE is required, including safety boots, coveralls, and life jacket.**
- ✚ Are the vessels stationary and stable ?
- ✚ Are there other people available to assist with the transfer ?
- ✚ Is there a hand rail or support on the vessels and the shore landing area ?
- ✚ Are the 2 vessels or landing area at the same height? **Jumping between vessels and to the shore is extremely dangerous !**
- ✚ Are conditions on either vessel or landing area slippery ?
- ✚ Is there sufficient lighting available covering the areas ?
- ✚ Is there a life ring and people to help in an emergency nearby ?

Please think about how it would affect you and your family if you were unable to work for a couple of months or longer because of injury.

Remember, your safety and the safety of your team mates is your responsibility.

## Project Update

### Mermaid Commander

The Mermaid Commander completed the PTT pipeline tie in and commissioning work with ARV and returned to CUDEL for the final stint for 2008. The CUDEL 2008 program completed just after Christmas. The vessel is now alongside awaiting the start of future work.

### Team Siam

The BP 2008 IRM work was completed toward the end of November. Seascope Surveys survey and inspection personnel and equipment demobilized from the vessel in Singapore in early December. Before the end of 2008 the vessel sailed to the Middle East, with diving projects expected to commence in early 2009.



Team Siam in action, Rusyan, Fahmi, Lukman, Arief K, Tajib and Pebrusani in Thailand

### Binh Minh

The PTT Erawan pipeline inspection program was completed in late November. This was a very successful 3-camera digital pipeline inspection project, over 650km in length. The Binh Minh has been alongside for maintenance since completion of this project.

### Mermaid Performer

The Mermaid Performer continued the FPSO UWILD surveys in Vietnam until the end of 2008. The project experienced large amount of down time due to bad weather conditions and the marine spread was eventually demobilized by the Client before completion. It is planned to return to Site in early 2009 to complete the work scope.

In March 2009 the Mermaid Performer will start a 5 weeks pipeline inspection program for Chevron in the Gulf of Thailand. Seascope Surveys will provide all the inspection and survey personnel as well as the OIM / Party Chief and all survey and inspection equipment.



Franky at ROV Subsea Project in Malaysia

### Fitzroy River Coal Terminal

Seascope Surveys performed a bathymetric and geophysical survey in the Fitzroy River in Queensland, Australia. The Client, Fitzroy Terminals Pty Ltd is in early stages of investigating the feasibility of utilising barges to transport coal from a location some 50km upstream of the river mouth for offshore loading onto export cargo ships. This was a very successful survey project, and was performed by a combined team of Seascope Surveys in house Australian and Indonesian personnel.



Dave and Wahyu at Fitzroy River Coal Terminal in Australia

### NISCONI

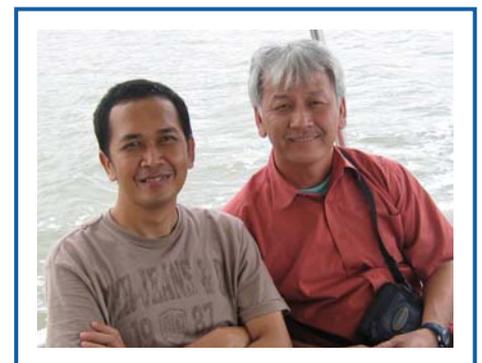
The topside hook up work for Total Indonesia in the Peciko field was completed in November 2008, and both barges, CB3 and the Dupa 8, have been demobilised.

### ECOS

Seascope Surveys continues to support ECOS with their work for Gulmar in lake Maiacaibo in Venezuela. Seascope Survey have a number of Geophysicist and Surveyors on site with total number usually between 6 and 5 and 8 persons at any one time. Seascope Surveys also providing side scan and sub bottom processing systems. There is a survey vessel (Adams Arrow), a shallow water survey vessel (Miss Laura), a DP pipelay vessel (Boa Rover) and a DP diving vessel (Gulmar Eagle) currently working on the project.

### Other Projects

Seascope Surveys provided survey personnel to a number of companies during Q4 2008. While this type of work is not core business it does provide good experience and exposes personnel to new equipment and working environments. Fransiskus (Franky) continued on his learning curve as an ROV pilot working for Alam Subsea on a number of projects. Seascope Surveys personnel also worked for NPCC in the Middle East and we also provided a Survey Party Chief to Gardline Surveys for a North Sea seabed mapping program.



Heri Ahmad and Pak Chua from Scorpio Logistics in Australia

## Safety Training Update

During February 2009, PT Seascope Surveys Indonesia provided Basic Fire Fighting Training for our management and office support staff.

PT Safetindo Perkasa provided the trainees with excellent theory and practical sessions, which covered familiarization with fire fighting, introduced breathing apparatus and also provided practical opportunities to perform real fire fighting practice.

All participants enjoyed the sessions and learnt valuable skills that can be applied not just at work, but in their personal lives also.



All participants look very serious in the class



Participants and trainers in action

## Safety Observation Card Awards

Seascope Surveys recently awarded the winner of the best Safety Observation Card (SOC) for the period June-December 2008. Andries Buntoro won the award for the best SOC - this is the second time he has received the award since 2007.

His SOC was awarded because it was a logical smart observation, and the SOC was completed in full, providing an effective short term solution to the problem, as well as recommending a long term method to avoid the safety issue occurring again. We congratulate Andries for his outstanding attention to safety, and participation in the SOC program.

Daniel Adiono received the random prize for submitting SOC's. Remember, every SOC you submit gives you one chance to win the prize. Both Andries and Daniel received Casio G-shock digital watches for their prizes.

We also congratulate Tajib, for winning a prize for his excellent Safety Observation Card as part of the Mermaid Offshore Services SOC program onboard the Team Siam. Congratulations to you all, and keep up the good work.



Tajib received an award from Mermaid Offshore Services



Andries Buntoro is presented with his award by Ovie.



Daniel Adiono is congratulated on his award by Peter Reichlmeier

*"Our goal : no loss or harm to people, or the environment"*

## Singapore update

What's the largest, best known shopping centre for electronics and IT products? Any IT and gadget buff in Singapore will tell you - it's Sim Lim Square!

Popular with both tourists and locals, this mall near Rochor Canal Road has made a name for itself as the "electronics hub of Singapore".

Across the road from Sim Lim Square is Sim Lim Tower (see photo). This is an older complex which sells electronic components, hardware tools, amateur radio and a range of other interesting communication equipment.

The first and second floors of the Sim Lim Square sell retail consumer electronics such as Home Theatre Systems, DV camcorders, mobile phones, PSP and Digital Cameras. I would advise caution with buying these products. Buyer complaints range from abusive sales personnel to retailers misleading consumers and overcharging for certain products or bundles. Therefore, it may be prudent to pay slightly more at a reputable departmental store or do some research before making a purchase.

Most IT- Computer related product retailers are found on the third to fifth storey. These stores are usually safe to purchase from and are competitively priced. The price tends to be a slightly cheaper for shops located on the higher levels and remote corners.



Andy Tee - Seascope Singapore



Sim Lim Square



Sim Lim Tower

### How to Get There

Located along Rochor Canal, Singapore, Sim Lim Square and Sim LiTower are accessible via MRT railway approximately 250 metres away from Bugis MRT Station.



Here is a list of some the stores where we source our computer products from:

#### Sim Lim Square

- 1) Storage Studio Singapore (Location: #05-57/ 04-02B, [www.genius-asia.com.sg](http://www.genius-asia.com.sg)), our primary supplier for Desktops, "Barebone" PCs, NAS Drives, VGA cards etc.
- 2) UF Technology (Location: #03-41, [www.connector.com.sg](http://www.connector.com.sg)) - Audio/Video Connectors
- 3) Sin Li Electronics Trading (Location: #02-02/57) - Video/Audio Splitters

#### Sim Lim Tower

- 1) LHS Electronics Enterprise (Location: #02-27) - Custom made RF cables
- 2) AVD Electronics Marketing (Location: #02-44/45) - Audio/Video Connectors/12V/24V Power Supply
- 3) Yuanda Electric Engineering (Location: #03-26) - 24V/12V Power Supply, Plastic Boxes, Various Electronics Components

## Breaking News from Singapore

As we have known before that Adrian Hill is our Commercial Manager of Seascope Surveys with responsible for marketing and tendering activities in the region but effective 1st March 2009 Adrian Hill has been appointed as Business Development Manager (Asia-Pacific Region) for both Mermaid Offshore Services and Seascope Surveys. Congratulation to Pak Adrian..

## Personnel signing on November 2008



**Yoni Eko Hardono**  
Junior Surveyor  
(Indonesia)



**Chris Ang**  
Secretary (Singapore)

## Birthday celebrations

In December:	
8 <sup>th</sup> Dec	Andy Tee
16 <sup>th</sup> Dec	Yoni Eko Hardono
17 <sup>th</sup> Dec	Daniel Adiono
19 <sup>th</sup> Dec	Adhitya, Hedwig Yan Aristha and Chris Ang
In January:	
2 <sup>nd</sup> Jan	Rizky Hendranahta
15 <sup>th</sup> Jan	Oembr Yahya, Ari Wibowo
17 <sup>th</sup> Jan	Alexander Lo
20 <sup>th</sup> Jan	Zikra Wahyudi
23 <sup>rd</sup> Jan	Deddy Riswandi, Fahmi N. Iskandar
In February :	
1 <sup>st</sup> Feb	Zainal Abidin
13 <sup>th</sup> Feb	Febrian Yudhanegara
15 <sup>th</sup> Feb	Pebrusani Yusuf

## Lucky Travel Draw

The winner for Seascope Surveys Lucky Travel Draw for Q1 2009 is *Adhitya Irawan*.

During the Chinese New Year holiday, he and his family, plus Fahmi and family had a great time in Bali. They stayed at Alam Kul Kul for three days, located across the road from Kuta Beach. They spent their time in Bali visiting local sights including Garuda Wisnu Kencana (GWK), Dreamland, Nusa Dua Beach and of course the traditional market, Sukowati.

Congratulations to Adhitya! All Seascope Surveys staff are in the draw to win the Lucky Travel Prize, which is awarded every 3 months - next time it could be you...



## Seascope Surveys Snapshots



Opening year 2009 prepared by Seascope Surveys at Rajarasa Seafood, Jakarta



Seascope Surveys at Taman Matahari-Puncak on 26<sup>th</sup> March 2009

## Seascope weddings ...

During Q1 2009 there were two weddings for office support staff from the Seascope Surveys team. **Simon Simanjuntak** married Novelina Ariska Tampubolon in Jakarta on 10th January 2009. **Neeranuch Boontanawong (Rud)** married Rondacha Tabprasit in Thailand on 1st February 2009. Seascope Surveys Management and Staff would like to say Good luck to all of you. We wish you all the best and God's blessing for your families. **Congratulations guys!**



RuD and Rondacha on 1<sup>st</sup> February 2009



Simon and Ariska on 10<sup>th</sup> January 2009

## "Junior" Seascope Surveys Team Member - 2008



A. Alexander Rovino P.



B. Clarissa Meira



C. Jilan Juli



D. Fajril Abrar



E. Martyr M. Irawan



F. Daffa A. Arnamawa



G. Fahman Hazidz

How good is your memory?

From the first five editions of Seascope Surveyor Newsletter we included photographs and names of all the babies born to our staff.

See if you can correctly fill the bracket and match the babies with the fathers.

1. Pebrusani Yusuf (.....)
2. Fransiskus Panerus (.....)
3. Ristiana M. Rusyan (.....)
4. Yudi Hamdani (.....)
5. Adhitia Irawan (.....)
6. Cahyadi Widyatmoko (.....)
7. Iman Santoso (.....)

No cheating in this game..

No need hurry to answer the question..

The prize is... a smile☺☺☺

## PPE Care and Maintenance

Seascope Surveys provides all employees with all the Personal Protective Equipment (PPE) required to perform their work safely and comfortably. Below are some important reminders regarding care and maintenance of your PPE.

### Head protection

Head injuries may be caused by falling or flying objects, or by bumping the head against a fixed object. Protective helmets must do three things:

- ✚ Resist penetration
- ✚ Absorb the shock of a blow
- ✚ Protect against electrical shock

Head protection should be maintained according to the following rules:

- ✚ Inspect the helmet shell and head band daily, checking for cracks, dents, splits, warping or other damage.
- ✚ Do not paint any part of the safety helmet.
- ✚ Do not drill holes in any part of the safety helmet.
- ✚ Clean regularly using warm water.
- ✚ Check the headband to make sure that it isn't stretched or worn and that the hat fits comfortably on the head.
- ✚ Store head protection out of the sun, away from extreme temperatures, and in a safe place (like a locker) where it can't get knocked around and damaged.
- ✚ Replace any safety helmet after any significant impact, and return the used helmet to the office, where it must be discarded.

### Foot protection

Workers may be at risk of crushing injuries due to contact with falling or rolling objects as well as punctures from sharp objects.

It's easy to forget about safety shoes and other work footwear as long as your feet don't hurt. But to adequately protect against foot hazards, shoes need proper care and maintenance just like any other kind of PPE.

- ✚ Wipe wet or soiled shoes with a clean cloth or paper towel.
- ✚ Ensure laces or elastic are in good condition, and the footwear fits comfortably.
- ✚ Air out work shoes after work, and check regularly for signs of damage or wear.
- ✚ Have worn or damaged shoes repaired, or replace them.

### Coveralls

- ✚ Wash regularly, and ensure all objects are removed from pockets prior to washing.
- ✚ Do not paint.
- ✚ Inspect buttons and zips for signs of damage.
- ✚ Repair all rips and tears before wearing.
- ✚ Ensure coveralls and protective clothing fits correctly - do not modify coveralls or protective clothing to fit.

### Eye protection

Eye and face injuries may result from contact with flying particles, molten metal, chemicals, welding arc, lasers or radiant energy. Additionally, obscured vision due to dirty or scratched lenses may cause injuries (such as trips, falls, and collisions).

- ✚ In maintaining eye protection, employees should"
- ✚ Ensure safety glasses fit comfortable and do not fall off.
- ✚ Clean safety glasses and goggles regularly with mild soap and water.
- ✚ Wash lenses with water before wiping to prevent scratching (or blow dust and grit from lenses before wiping.)
- ✚ Store eye protection preferably in a clean dust-proof case or in a safe place such as the top shelf of a locker where it won't get scratched or otherwise damaged.
- ✚ Replace safety glasses if frames are bent, and replace goggles if headbands are loose, twisted, knotted, or worn. Replace any kind of eye protection if lenses are scratched or pitted and impair vision.

### Hearing protection

Employees exposed to excessive noise (> 90dbA) must use appropriate PPE including ear plugs or ear muffs, or both when engineering or administrative controls are not feasible to reduce exposure.

- ✚ Wipe earmuffs with a damp cloth after each use, store them in a safe place, and replace cushions when they lose their resilience.
- ✚ Wash reusable earplugs (if used) every day, store them in a clean case, and replace if plugs are hard or discolored.
- ✚ Check earplugs are clean and free of debris before use.
- ✚ Dispose of disposable earplugs after use.

## IT Knowledge

### To Error is Human, To Recover is Divine

Hi There ! In the last edition of the Seascope Surveyor newsletter, we explained the process and benefits of Ghost. Following up from this, here is more information, including the origins of Ghost.

To refresh your memory, Ghost is some software that allows you to restore a computer to a previous state (to its state when it was Ghosted). So if somehow the operating system or files are corrupted, you can easily return to a previous condition in no time. The downside of this, is that all new data including settings and documents will be lost when the computer is restored back to its previous state.

If you want to recover your data before you Ghost back, there some step you need to take. Luckily we have software to make life easier.

#### Bart PE !

Bart PE stands for Bart (The creator) and PE (Preinstalled Environment ). It allows you to back-up your data from your hard disk even with a corrupted operating system, so you can safely copy all your data, documents to another media like External Hard drive before you Ghost back.

It's very simple to use this software, it is just like using the Ghost Recovery CD, where insert the CD, and let the computer boot from the CD.

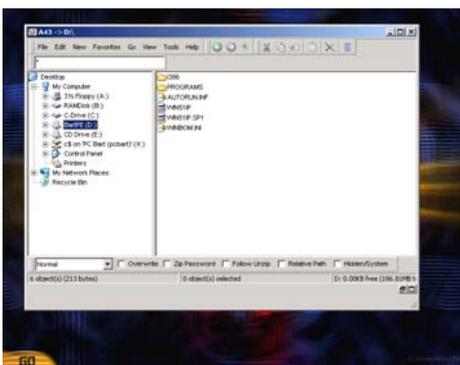


This is the desktop screen for BART PE (left). It appears just like Windows XP, with the "Start" button on the bottom left.

Once BART PE is loaded, you need only to open an application that acts just like Windows Explorer, and copy our data to your backup media (external hard drive).

The Bart PE "Windows Explorer" is shown below. It is very simple to copy data from here, just follow the same steps as you would in the usual Windows Explorer.

Simple right?



Bart PE will be distributed to all projects on a field CD set along with the Ghost Recovery CD. Please keep in mind that we try to avoid reinstalling Windows wherever possible - the best way is we use the Ghost Recovery CD.

If you have questions and comments just put mail in my inbox :  
[hedwig@seascopesurveys.com](mailto:hedwig@seascopesurveys.com)  
 See you later !

## Seascope Surveys HSE Representatives 2009



Seascope Surveys have had announced HSE Representatives working in the field since 2008. The HSE Representative is expected to assist the Party Chief in carrying out HSE tasks and documentation. They will be the focal point for HSE issues amongst Seascope Surveys field personnel on a project.

In addition to their regular tasks, they will ensure that the necessary HSE requirements are being fulfilled and documented on each project they work on.

HSE Representatives job descriptions are:

- ✓ Work in accordance with the Seascope Surveys Safety Handbook
- ✓ Participate in monthly HSE Management meetings, when not working offshore
- ✓ Attend specialist safety training
- ✓ Review and contribute to HSE documentation
- ✓ Take a lead role in completing and recording pre-project HIRA's (HIRA 1)
- ✓ Perform vessel inspections for vessels chartered directly by Seascope Surveys
- ✓ Organize, complete and record on-site HIRA's (HIRA 2)
- ✓ Remind Party Chief of requirement for daily toolbox talks
- ✓ Record and ensure daily toolbox talks is properly conducted
- ✓ Collect all Seascope Surveys Safety Observation Cards (SOC's) and arrange for their return to the office as soon as possible.
- ✓ Remind Party Chief of incident reporting requirements, and assist in creating incident reports
- ✓ Continually provide HSE related feedback to the Management team
- ✓ Ensure there are safety warning sign and safety alert notice board are deployed to the yard as education purposes
- ✓ Giving positive feedback to management for continual improvement
- ✓ Ensuring all workers using safe tools when perform the job
- ✓ Maintain current HSE programs
- ✓ Ensure all first aid kits and medical tools are inspected also ready for use
- ✓ Ensure all fire fighting equipments are inspected and ready for use.

## Seascope Surveys member of IMCA till 2010



Seascope Surveys are an official member of IMCA (International Marine Contractors Association) since March 2008. We are pleased to inform you that we have extended our IMCA membership until March 2010.

If you want to know more information about IMCA, you can visit the IMCA website at [www.imca-int.com](http://www.imca-int.com)

*"Our goal : no loss or harm to people, or the environment"*

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## Comments and Suggestions

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