| IONIA MANAGEMENT S.A | Prepared by: DPA | Effective Date: 01/07/2009 |
| :---: | :---: | :---: |
| Environmental Management Manual | Approved by: MD | Revision: 0 |
|  | Section: Environmental Planning | Form: ENV 011 |

## NON-CONFORMITY / OBSERVATIONREPORT

(Please delete as appropriate)

| Date: 26/03/2010 | Vessel / Dept.: M/T PLOUTOS |
| :--- | :--- |
| Auditor: Cpt. Aristeidis Dimou | Auditee: Chief Engineer |
| Environmental Management System Audited: Pollution Prevention Equipment |  |
| Environmental Management System Ref: 5.14 | ISO 14001 Ref.: |
| Non-conformity Description: <br> There were no records onboard indicating that the Ows is being maintained according to the manufacturer <br> instructions. |  |

## Corrective Actions

| Immediate Actions: |  |  |  |
| :---: | :---: | :---: | :---: |
| Corrective Actions to be Taken |  |  |  |
| Description . | Responsible Person | Date to be completed | Date closed out |
| The Technical department shall review the Company's PMS in order to ensure that relevant task and job descriptions regarding, the maintenanoe of the environmental critical equipment are included in the PMS. | Technical Department | 30/09/2010 |  |
| Preventive Actions to be Taken |  |  |  |
| Description | Responsible Person | Date to be completed | Date closed out |
| The issue will be distributed throughout the fleet and relevant confirmation will be requested in order to identify relevant omissions. | EMR | 31/05/2010" |  |
| The Tech. Department shall ensure that relevant pMS instructions are adequate onboard all vessels. | Tech. Dpt. | 25/07/2010 | - |
| Auditor's Sianature: |  |  |  |
| Approved by EMR (date/siguature): | Closed out by | MR (date/signa |  |

## Other comments:



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## NON-CONFORMITY / OBSERVATHON REPORF

(Please delete as appropriate)

| Date: 26/03/2010 | Vessel / Dept.: M/T PLOUTOS | Audit Ref.: 01/10 |
| :--- | :--- | :--- |
| Auditor: Cpt. Aristeidis Dimou Auditee: Environmental Officer NCR/Obs No.:05/10 |  |  |

Environmental Management System Audited: Company's policy

Environmental Management System Ref: 10.9

ISO 14001 Ref.:

Non-conformity Description:
There was no evidence that visitors boarding the vessel are made aware of the company's environmental policy and requirements upon their arrival onboard
;
Analysis Results (root cause):
After investigating the issue it was established that the Environmental officer onboard was not aware of the company's procedures.


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## NON-CONFORMITY / OBSERVATION REPORT

(Please delete as appropriate)

| Date: 26/03/2010 | Vessel / Dept.: M/T PLOUTOS | Audit Ref.: 01/10 |
| :--- | :--- | :--- |
| Auditor: Cpt. Aristeidis Dimou | Auditee: Chief Engineer | NCR/Obs No.:06/10 |
| Environmental Management System Audited: Record Keeping |  |  |

Environmental Management System Ref: $9.5 \quad$ ISO 14001 Ref.:

Non-conformity Description:
While reviewing the supplement of the IOPP certificate it was established that the incinerator sludge tank was not included in the list of the sludge tanks. However the Chief Engineer in order to be in line with Marpol requirements and to record the relevant quantities transferred or maintained in the respective tank records the respective records in the ORB par I under code C11 1,2,3 as per Marpol requirements.

Analysis Results (root cause):
*

Omission on the part of the Class.

## Corrective Actions

Immediate Actions: No immediate action is deemed necessary for the respective issue.


## Approved by EMR (date/signature):

Closed out by EMR (date/signature):

## Other comments:

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| NON-GONFORMHTY/OBSERVATION REPORT <br> (Please delete as appropriate) |  |  |
| Date: 26/03/2010 Vcssel / Dept.: | Vessel / Dept.: M/T PLOUTOS | Audit Ref.: 01/10 |
| Auditor: Cpt. Aristeidis Dimou , Auditee: Chief Engineer |  | NCR/Obs No.:07/10 |
| Environmental Management System Audited: Bilge water Management |  |  |
| Environmental Management System Ref: 5.4 ISO 14001 Ref.: |  |  |
| Non-conformity Description: <br> It was observed that the deck plates, valve bodies and valve handles near or above locations of cross connections were not painted in accordance with the company's requirements. |  |  |

## Analysis Results (root cause):

The relevant company's requirements were not properly followed by the vessel's relevant department.

## Corrective Actions

Immediate Actions: No immediate action is deemed necessary for the respective issue.


| IONIA MANAGEMENT S.A | - Prepared by: DPA | Effective Datd $5 / \mathrm{lo} / 2010$ |
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|  | Section: Continuous Evaluation and | Form: ENV 015 |
|  |  |  |

## Fleet Engineering Survey <br> Question

| Question | Comments |
| :---: | :---: |
| A) Ways that the OWS, OCM and other pollution prevention equipnrent in order to prevent by - passing. |  |
| 1. What can you do to ensure that the OWS cannot be by - passed? | FLANLES SGALS |
| 2. Can the OWS or the OCM onboard your vessel be by - passed? | NO. |
| 3. How can you modify the OWS to ensure that the system cannot be by - passed? | No Monificalion |
| 4. How can you modify the OCM to ensure that the system cannot be by - passed? | SAALS FITFINC: |
| 5. Do you have any ideas to improve the performance of pollution prevention equipment? | NO. ONLV TSHRS A ND NOTF THFM TO ORECK BOOC |
| B) Methods of handling and reducing waste accumulations within the engine room and machinery spaces. |  |
| 6. What sources of waste (sludge/bilges) are on your ship? |  |
| 7. How can you reduce the waste produced onboard? | BV COOMINC THE IMPCRTAND QUANTITILS |
| 8. How is the ship's bilge water treated? | BY Ores |
| 9. What difficulties do you have when handling bilge water? | No. |
| 10. Is the OWS operating normally? | $r+s$ |
| 11. How often is the OWS operated? | ONCNE PTR MONTH APROX: |
| 12. How are sludges handled onboard? | INCINHRATINE |
| 13. What difficulties do you have when handling sludges? | NONF , , |
| 14. Is the incinerator working normally? | $Y \in J$ |
| 15. How often is the incinerator operated? | 2-3 TIM+S PREWALE APROX |
| 16. Compare the bilge generation onboard this vessel with other vessels you have worked on? | $V(\mathrm{c})$ |
| 17. Compare the sludge generation onboard this vessel with other vessels you have worked on? | res |
| G) Ability to adequately maintain the vessel's pollution prevention equipment and systems. | : |
| 18. Does the company's maintenance program support the vessel's operations? | V |
| 19. How can the maintenance system be improved? | BV ULISSET. |




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|  | Section: Continuous <br> Evaluation and Improvement | Form:ENV 016 |

INTERNAL ENVIRONMENTAL AUDIT REPORT
Number:_01_Issued:(date)__26/03/2010 $\qquad$

## Internal Audit Number: 01/2010

Department / Vessel:

## A. Internal Audit Purpose:

The purpose of the audit was to verify the effective implementation of the Environmental Management Plan onboard and to identify any weak areas and any other opportunity which will lead to continuous improvement.
Furthermore, the scope of the audit is to verify the effective implementation of the onboard planned activities, including monitoring, measurement and improvement processes by key'personnel onboard.
A. Scope (functions audited):

The audit was conducted based on:

- Interviewing key personnel;
- Reviewing and evaluating records related to Environmental Activities onboard;
- Recording objective evidence of the implementation of the company's Environmental
Management Plan.
C. Auditor or Auditors Team (Names and Titles):


## - Lead Auditor: Cpt. Aristeidis L. Dimou

- Auditor A:
- Auditor B:

This report is issued by (Name and Title): Cpt. Aristeidis L. Dimou - Marine Superintendent
Environmentribution

- Environmental Management Representative
- Head(s) of the department(s) being audited . $\square$
- Company's Compliance Manager


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|  | Section: Continuous <br> Evaluation and Improvement | Form:ENV 016 |

## INTERNAL AUDIT PLAN:

A. Opening Meeting (date and time): 25/03/2010

Members of Personnel Present

- Master: Cpt. Vestarchis Stylianos
- C/E : Ilias Simoudis
- Chief Officer: Gapasinao Lemwel
B. Function(s) / Department Audited:

Function / Department
Date - Time
Chief Engineer's records, activities and responsibilities $\quad$ 25/03/2010 08:00-12:00
Touring in the Engine room
25/03/2010 13:00-15:00
Interviewing Engine persongel
25/03/2010 15:30-16:00
Chief Officer's records, activities and responsibilities
26/03/2010 08:00-10:00
Interviewing Galley department personnel
26/03/2010 10:30-11:00
Touring on deck
26/03/2010 11:00-12:00
Master's records 26/03/2010 13:00-15:00
C. Closing Meeting (date and time): 26/03/2010-16:00

Members of Personnel Present
$\begin{array}{ll}\text { Master } & \text { : Cpt. Vestarchis Stylianos } \\ \text { CEE } & \text { : Simoudis Dias }\end{array}$
C/E : Simoudis Ilias
$\qquad$ of $\qquad$

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The following records were reviewed and found in order:

- Declaration of environmental commitment;
- Fleet Engineer's surveys;
- Familiarization records;
- Environmental monthly committee meetings;
- Company's feedback on the monthly committee meetings;

The company's Code of Ethics was available onboard and accessible to all personnel.
During the audit with the Chief Engineer it was verified that an effective environmental tag system was implemented onboard.

The following records were reviewed and found to be in order:

- Extraordinary $\mathrm{E} / \mathrm{R}$ operations log;
- Tank sounding log;
- Chief's Engineers weekly report
- Instruction manuals of pollution prevention equipment.

However it was noted that the following tank "Incinerated Sludge Tank which is included in the"E/R sounding log" it was excluded from the IOPP supplement B in section 3.1 (residue tanks)

The Chief Engineer confirmed that the OWS and OCM were operational. An entry in the Oil Record Book Part I on 21/02/2010 concerning the disposal of bilge water through the OWS was verified by the undersigned by comparing the records in the ORB with the relevant data entries in the OCM records. The OCM was replaced on the $25^{\text {th }}$ of March 2010 and relevant record had been made in the ORB part I under code I.
-
It was observed that vaporization during heating up of the Waste Oil Tank was recorded in the ORB under code C 12.4 which is in accordance with the instructions provided in the ORB part I. However the instructions, provided in the EMP regarding the relevant Code as mentioned above is incorrect.

During the audit with the Chief officer it was verified that he was aware of his duties and responsibilities regarding the provisions of the Environmental Management Plan. A; method for managing and keeping the generated garbage was properly established onboard. Thé following records were reviewed an found to be in order:

- Flexible hose inventory;
- Garbage receipts;
- Oil Record Book Part II;
- Training records;
- Environmental monthly report.

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| Environmental Management Manual | Approved by: MD | Revision: 0 |
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## Summary of Internal Audit Results

The audit onboard M/T Ploutos was conducted by the company's marine superintendent on 25/03/2010 and 26/03/2010 while the vessel was at Rotterdam anchorage.

Before commencing the audit the Chief Officer, who was the appointed Environmental Officer onboard, briefed the attending auditor about the requirements of the company's EMP and requested from the auditor to read and sign the relevant form:

During the audit it was verified that the personnel onboard was familiar with their duties and responsibilities while the operational activities onboard were carried out under the provisions of the company's Environmental Management Plan.

An updated copy of the EMP was available at the designated locations and copies of the company's Environmental Policy, Ethics Policy and Non - Retaliation Policy were properly posted at Master's \& Chief Engineer's office as well as on the Bridge, the CCR and in the ECR.

During the audit with the Master it was verified that approved and updated SOPEP \& VRP manuals were available. Furthermore the following were verified to be updated and available in the vessel's SOPEP:

- SOPEP drill;
- National List of port contacts;
- Company's Response contact;
- List of antipollution Equipment;
- Vessel's drawings.

It was also verified that the following certificates were available and endorsed as required:

- IOPP Certificate and Supplement Form B;
- ISSP Certificate;
- IAPP Certificates.


## Continuous Evaluation.Improvement

It was verified that a formal procedure for continuous evaluation improvement wastproperly established onboard. The Master's review had been carried out by the previous Master on the 15/10/2009. However company's feedback was not available onboard.

In addition it was verified that the Fleet Engineer's survey had been completed by each engineer onboard. However it was emphasised by the auditor that the Fleet Engineer's survey should be used as a tool in order to enhance and improve the environmental procedures onboard by providing to the company feedback regarding any weaknesses or omissions in the company's management system identified:

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In addition the galley personnel were found to be familiar with the proper handling of the cooking oil and the segregation of garbage according to the requirements of the Environmental Management Plan.
The last calibration and verification of the alarms, activation of the overboard discharge valve was carried out on by a third party the $12^{\text {th }}$ of May 2009.
The ODPME was last tested by the crew on the $08^{\text {th }}$ of March 2010.

## Conclusions and Recommendations:

The results of the audit can be considered satisfactory as the company's procedures are being well implemented, however it is recommended that further improvement should be made on the weak areas which were identified during the audit. Furthermore it is suggested that relevant consideration shall be given in order to enhance the awareness of the crew on the company's requirements concerning the Anonymous reporting procedures.

Officers and crew were found familiar with the EMP and their duties and responsibilities.
During the audit three (3) observation and four (4) non-conformities were identified.
The Auditors would like to thank the Master, the Officers and Crew for their kind co-operation throughout the audit.

The Auditor


Attachments:

## - Opening and Closing Meeting form - Non Conformity Reports):/ Observation Reports



Page $\qquad$ of $\qquad$

| IONLA MANAGEMENT SA | Prepared by: DPA | 9 |
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| * | Section Opperational Controls | Form: <br> - ENV:024 |

## AT: SEA

DATE: 06/09/2010


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| Envirommental Management Manual | Approved by MD | Revision; 0 |
| * | Section: Operational Controls | Form: <br> - ENVO24 |

## MT: PLOUTOS

## AT: SEA

DATE: 07/09/2010


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| $*$ | Section: Operational Controls | Fom: |

AT: SEA
DATE: 08/09/2010



## GOODS - SPARE PARTS LANDING FORM




Name of ship .... $4 / f$ Ploufos
IMO Number
$93 q$ q0q3

MACHINERY SPACE OPERATIONS


M/T Ploutos

| Name of ship .... |
| :--- |
| mo Number ... |
| 9327023 |

IMO Number $\qquad$

MACHINERY SPACE OPERATIONS


MACHINERY SPACE OPERATIONS


Exhibit 3

| IONIA MANAGE $\overline{\text { TNT SA }} \overline{\text { Prepared by：}}$ DPA | $\overline{\text { Effective Date：}} \overline{01 / 07 / 2010}$ |  |
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| Environmental Management Manual | Approved by：MD | Revision： 2 |
| PLOUTOS | Section：Operational Controls | Form： |


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| 0108110 | 0.44 | 41 | 008 | 48 | 0.08 | 0.05 | 1.52 | 2.1 | 0.93 | 2.97 | 0.05 | 0.33 | 0.11 | 1.13 | ${ }_{0}$ | 0 | 0.6 | 05 | － | GMT TME 21：0 |
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| ado |  | 5.52 | 0.52 | 4.86 | 0． 12 | 0.07 | 1 | 1.28 | 0.96 | 3.12 | 0.07 | 0.43 | 0.16 | 1.56 | $\bigcirc$ | 0 | 0.62 | 0.62 | 40 | GXT TIME 21： 0 |
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[^0]| IONLA MANA EMENT S.A | Prepared by: D- 1 | Effective Date: 01/07/2010 |
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| Envirommental Management Manual | Approved by: MO | Revision: 2 |
| pLOUTOS | Section: Operational Controls | Form: |
|  |  | ENV 008 |



## LAST SIX CARGOES

| NK | 1ST | 2ND | 3RD | 4TH | 5TH | 6TH |
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| 1 P | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | GAS OIL | JET A1 |
| 1S | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | GAS OIL | JET A1 |
| 2P | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | JET A1 | GAS OIL |
| 2 S | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | JET A1 | GAS OIL |
| 3P | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | JET A1 | GAS OIL |
| 3S | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | JET A1 | GAS OIL |
| 4P | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | GAS OIL | JET A1 |
| 4 S | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | GAS OIL | JET A1 |
| 5P | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | JET A1 | GAS OIL |
| 5S | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | JET A1 | GAS OIL |
| 6P | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | JET A1 | GAS OIL |
| 6S | ULD GASOLINE | NAPHTHA | GAS OIL | JET A1 | JET A1 | GAS OIL |
| SLP | ULD GASOLINE | NAPHTHA | JET A1 | JET A1 | GAS OIL | JET A1 |
| SLS | ULD GASOLINE | NAPHTHA | JET A1 | JET A1 | GAS OIL | JET A1 |

RODERICK A. RUIZ
CHIEF OFFICER
Inventory of Deck and Engine Room Flexible Hoses

> Date: JUNE 30,2010
Name \& Signature of Chief Officer: Lemwel A. Gapasinao

| Not in <br> use | Hose Type | Usage (Purpose) |
| :---: | :---: | :---: |
| $\sqrt{\nabla}$ | Plastic | Emergency Connection for Ballast IGS |
| $\sqrt{\nabla}$ | Plastic | Emergency Connection for Ballast IGS |
| $\sqrt{\nabla}$ | Rubber | Water Blower Connection |
| $\sqrt{V}$ | Rubber | Water Blower Connection |
| $\Gamma$ | Rubber | Water Blower Connection |
| $\Gamma$ | Rubber | Water Blower Connection |
| $\sqrt{\nabla}$ | Plastic | Spare for Wilden Pump Discharge |
| $\Gamma$ | Rubber | Spare for Wilden Pump Discharge |
|  | Rubber | Wilden Pump Discharge |
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In
Use
L L L La
B L L
12 Name \& Signature of Master: Capt. Stylianos Vestarchis

| Hose <br> No. | Location | Diameter <br> (mm) | Length <br> (mtrs) |
| :---: | :---: | :---: | :---: |
| 1 | Forecastle | 100 | 15 |
| 2 | Forecastle | 100 | 15 |
| 3 | Forecastle | 70 | 20 |
| 4 | Forecastle | 70 | 20 |
| 5 | Pumpman Store | 52 | 20 |
| 6 | Pumpman Store | 52 | 20 |
| 7 | Bosun Store | 48 | 50 |
| 8 | Bosun Store | 42 | 40 |
| 9 | Bosun Store | 42 | 40 |
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Name of Vessel:M/T Ploutos
Name \& Signature of Chief Engineer: C/E Ilias Simoudis
69
악 $\underset{\tau}{ }$ (emarks: This form shall be completed at least every six months or when a change in use/status of an existing hose occurs or upon $\stackrel{\rightharpoonup}{\circ}$ purchase of new hose; hoses having a diameter of $\mathbf{4 0} \mathbf{~ m m}$ or more need only be declared. Completed coopies of this form shall be forward 어

DRILLS PROGRAM (for the year: 2010)
Note: Refer to Company Procedure No 06, Safety Manual, (Section 4)


Remarks: Drills No: $\mathbf{2 0}$ to $\mathbf{2 8}$ must be carried out according to the instructions provided in vessels SOPEPISMPEP and Safety Manual Section 4. For these drills an "Initial Nothication TLX" and a "Follow up Report - TLX" should be send to the HEAD OFFICE, with the indication "This is a Drill - This is a drill. At the end of each drill, an entry must be made in the deck logbook. File onboard in "Drill File" the relevant checkist ( $s$ ) (from Safety Manual) used for the drill dated and signed by the Master. Report to the Office must be done with the following forms Drills Report (Monthly) (do not send the drills checkilsts to the Head office), Boat Drill Report (Monthly) and Fire Drill Report (Monthly), An additional Fire and Abandon ship drill must be caried out within 24 hours of the ship leaving the port, if more than $25 \%$ have not participated in any abandon and fire drill onboard in the previous month.

DPA: Krystyna Tsochlas
Date: 30 ${ }^{\text {th }}$ December 2009


## GENERAL DATA



COMMENTS \& RECOMMENDATIONS

1) Boarded vessel on the 7th morning. and met up with Masler and Chief Engineer
2) Took over the GPS unit from Master and proceed to work.
3) Explain clearly to C/E my requred jobscope for this visit.
4) Proceed with my inspection of the full EL system, checking the various voltages on the GPS lines
5) Suspect the GPS is faulity, and proceed to the funnel stack area to replace the unit with the new ones

6) Half way thru the job. Master and the IT engineer ( Mr Nikolas) came up to me asking me to stop working immedıately. because the Port Authority here spotted me working on the GPS, which was not allow at all during cargo operations
7) I then came back into the bridge, and asked Mr Nikolas to call Tech lonia dept to explain the siluations here.
8) Then i explained to both CiEand electrian on the GPS replacement procedure. so that they can replace it during voyage
9) Still awaifing BIN files from Vigilant Marine, which supposed to have all the updated information of various IP address 10 be link to the Rydex server
10) Vessel will completes cargo operations by 0200 hrs on 8 th sept. Left vessel at the end of the day and fly back to Singapore the next day


Ivan Lutu

```
From: "Master mvPloutos" <Master.mvPloutos@telaurus.net>
To: "IT Ionia Management" <it@ioniaman.gr>
Sent: Wednesday, September 08, 2010 01:21 PM
Attach: DREW MARINE SERVICE REPORT.pdf
Subject: M/T PLOUTOS - SERVICE ENGINEER ATTENDANCE
```

FROM :M/T PLOUTOS
TO:IONIA MANAGEMENT / IT / TECH

KINDLY BE ADVISED THAT ENVIROLOGGER TECHNICIAN (ACCORDING HIS INFORMATION)
WORKS DONE ARE:
1)NEW "BIN" FILE FLASHED
2)CLEAN BILGE HOLDING TANK CALIBRATED THE SOUNDINGS


## 3)FOR THE REST TANKS HE DID NOT CALIBRATE THEM BECAUSE AS HE SAID NO HAVE CONNECTION WITH HIS LAPTOP. <br> 6anchamandmaz (5)

4)ABOUT REPORT HE SAID THAT HE WILL SEND TO YOU AND ME LATER.THE ATTACHED
REPORT IS FROM FIRST VISIT YESTERDAY. HE CAME AGAIN TODAY EVENING TIME.
5)THE GPS ANTENNA WILL BE INSTALLED BY ME LATER DUE TO IS NOT PERMITED ANY

JOB OUTSIDE BY LOCAL PORT REGULATIONS.

## BRGS C/E

MASTER
----- Original Message -----
From: "IT Ionia Management" [it@ioniaman.gr](mailto:it@ioniaman.gr)
To: [master.mvploutos@telaurus.net](mailto:master.mvploutos@telaurus.net)
Cc: "Technical Ionia Management" [tech@ioniaman.gr](mailto:tech@ioniaman.gr)
Sent: Wednesday, September 08, 2010 5:51 PM
Subject: FW: (PN:563999)M/T PLOUTOS - SERVICE ENGINEER ATTENDANCE

```
> URGENT - URGENT _URGENT
>
```

```
> Kalispera Capt. Stelio,
>
> Please inform us if Ashland's Engineer boarded your good Vessel TODAY and
> if yes, did he get the attached BIN file, to upload it on the
> Envirologger?
>
> Best regards,
>
> Michalis Giannoulis
> IT Manager
>
> -----Original Message-----
> From: Craig [mailto:craig@vigilantmarine.com]
Sent: Wednesday, September 08, 2010 6:06 AM
 To: IT Ionia Management; 'Bhaskaran Veeraraghavan'; Technical Ionia
> Management; 'DMSEnvirologger'; 'Ivan Lau'
> Cc: 'Kiaw Ann Tee'; 'Ploutos'
> Subject: RE: (PN:563999)Re: 563898)RE: 553233)M/T PLOUTOS - SERVICE
> ENGINEER ATTENDANCE
>
> Michalis,
>
> Please find the attached BIN file with the updated IP addresses and email
> address.
>
> Regards,
>
> Craig A Mason
> Vigilant Marine Systems, LLC
7 0 0 0 ~ M e r r i l l ~ A v e . ~
> Suite F, Bldg. B210
> Chino, CA 91710 USA
> Ph. +1 909-597-9508
> Fx. +1 909-597-9514
>
>
>
>
> Please consider the environment before printing this e-mail
>
```


## CERTIFICATE FOR OIL CONTENT METER TYPE: SEIL-SERES ODME SS 2000 \& S 3000

| Our Order No.: | 09-1005 | Date: | 12-5-2009 |
| :--- | :--- | :--- | :--- |
| Yr. Ref. No.: | E-Mail 8-05-2009 |  |  |
|  |  |  |  |
| Type: | S 3000 | Name of ship: | POULTOS |
| Hull No. | NCS 0307325 | Place of test: | BP Europoort, Rotterdam |
| Serv. Eng.: | W. Henninger | Witnessed by : | Chief Officer |

Scope of tests:
STAND BY :
MONITORING :

- Calibration
- Verifications of alarms, activation
- Back Flushing of Overboard Discharge Valve
- Across Running

All testing executed including verification of alarms e.g. 30 L/NM EXCEEDED, according to Maker's Instructions, no failures.

We herewith confirm that the a.m. installation is in good working condition.

$$
3
$$

## B.S. SERVICES

Official SEIL - SERES Marine Servicè Station



## IONIA MANAGEMENT S.A.

## Coreorge Conndiance Morer' Rete

According to the Special Manter's Appainemat sual Scope of Work, the


The Cumporate Cemadiame Manager is respinalder

- Co - crdinating with the Special Master in meordwace with thermen of probation.
 probation.
- Ensuring that observations resulting from any internal aadit, imppection or record review are appropriately documented, tracked and reselved and that stich resolutions are thoroughly documented in a format that can be readily andind.



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 tuge ramples previded by the wered wasts.








## 

## IONIA MANAGEMENT S.A.

## A Manswaw Reporing Preceture

Ionia Management S.A. provides a for any momber of personnel to be able to report any suspected violation to applicable standards, pelicies, regulations, requirements or legistation without fearing that his carect or employment may be jeopardized.

1) Any member of persumad, both anbone and onboand compmay managed vessels that may become anere of a eitustion that is detrinsentel to the company's integrity and reputution is obliged to report the issue to the Tectnical Manager.
2) The suspected viotation may reported anomymously, addressed to the Technical Manager, through any one of the following neans:

- Toll free telephome namber





Managing Director

Environment Compliance Program On-GOING AUDIT Report
M/T PLOUTOS, IMO NO. 9327023
Underway from Jebel Ali, Dubai - Sitra, Bahrain
Table 1 - Vessel Movement
Dates: September 07-11, 2010

| DATE/DAY <br> SEPT/2010 | TIME | AcTIVITY |
| :--- | :---: | :--- |
| 05/Sunday | 0830 | EOSP arrival Jabel Ali port |
| 06/Monday | $0000-2200$ | V/L at anchor, waiting for pilot |
| 06/Monday | $2200-2400$ | V/L proceeding towards pilotage position |
| 07/Tuesday | 0042 | Pilot on board |
| 07/Tuesday | 0312 | V/L all fast a/s jetty No.6 at Jebel Ali port |
| 07/Tuesday | 0830 | Auditor boarded the vessel at Jebel Ali |
| 08/Wednesday | $0000-2400$ | Discharging/loading cargo |
| 09/Thursday | 0800 | Completed cargo ops. |
| 09/Thursday | 1200 | Port clearance received, v/l on 20 mts notice for <br> departure pilot |
| 09/Thursday | 1700 | Pilot on board for departure |
| 09/Thursday | 1742 | All lines cast off |
| 09/Thursday | 1842 | Pilot away |
| 09/Thursday | 1900 | C.O.S.P towards Sitra Bahrain |
| 10/Friday | $\mathbf{1 4 2 0}$ | End Of Sea Passage arr. Sitra, Bahrain |
| 10/Friday | 1530 | FWE v/l at anchor at Sitra awaiting berthing |
| 11/Saturday | 0715 | SBE at. Sitra Anchorage |
| 11/Saturday | 0848 | Pilot on board |
| 11/Saturday | 1018 | All fast a/s sea Island at Sitra |
| 11/Saturday | 1130 | Auditor disembarked the vessel at sea island <br> berth, Sitra, Bahrain |

1. Total time from berth to berth:
2. Time Berth Jebel Ali to C.O.S.P:
3. Time at sea COSP dep. Jebel Ali to EOSP arr. Sitra
4. Time E.S.O.P. to Berth at Sitra
5. Clocks changed:
6. Weather:
7. Sea conditions:

01d 17hr 36mts 00d 02hr 18mts 00d 19hr 20mts 00d 19hr 58mts Retard one hour wind/force Light Fair to good

# Environment Compliance Program On-Going Audit Report <br> M/T PLOUTOS, IMO No- 9327023 <br> Underway: Jebel Ali, Dubai - Sitra, Bahrain <br> Table 2 - Personal Timetable 

Breakfast, lunch and dinner breaks were as per ship's routine

| $\begin{gathered} \hline \text { Date/Day } \\ \text { September, } \\ 2010 \\ \hline \end{gathered}$ | From | To | Description |
| :---: | :---: | :---: | :---: |
| 02/Thursday | 1755 |  | Departure Vancouver Air port by British Airways for Dubai via London |
| 03/Friday | 2250 |  | Arrival Dubai |
| 04/Saturday | 0030 |  | Check in Hotel Ascot, Bur Dubai |
| 05/Sunday |  |  | Waiting for vessel berthing |
| 06/Monday |  |  | Waiting for vessel berthing |
| 07/Tuesday | 0830 |  | Boarded the vessel at Jetty No. 6 Jebel Ali port |
| 07/Tuesday | 0845 | 0900 | Informal meeting with Master, C/E and Company Superintendent about the audit. |
| 07/Tuesday |  |  | $\mathrm{V} / \mathrm{s}$ staff occupied with cargo ops, vetting inspection by BP, repairs to Inmarsat, SWOMS GPS unit, survey of all measuring instruments and receiving stores, spares and provisions. Auditor checking documents |
| 08/Wednesday | 0800 | 1200 | Document check with C/E |
| 08/Wednesday | 1300 | 1800 | Document and records check continued with Master and C/E |
| 09/Thursday | 0800 | 1200 | Sorting out immigration procedure with agent to sail with the vessel to Bahrain due to change in Visa condition |
| 09/Thursday | 1300 | 1800 | Physical inspection of E/R for OWS, SWOMS, Incinerator, Sewage plant, steering engine, bilges and general hose keeping |
| 09/Thursday | 1900 | 2000 | Briefing with Master and C/E |
| 10/Friday | 0800 | 1200 | Testing, Bilge alarms, OWS, OCM, re-circulation test, incinerator test and 1 hour test of OWS |
| 10/Friday | 1330 | 1800 | Physical inspection of accommodation, galley for Garbage collection With C/O testing ODME, for'd store bilge valves, pump room, GMP, BWM all documents and records, Compiling EMS check list |
| 11/Saturday | 1030 | 1045 | Closing meeting |
| 11/Saturday |  | 1130 | Auditor disembarked the vessel for hotel in Sitra, Bahrain |
| 12/Sunday |  | 0700 | Dep. for Airport at Manama, Bahrain |
| 12/Sunday |  | 1430 | Arrival at hotel in Dubai |


| $13 /$ Monday |  | 0700 | Depart Hotel for Dubai airport - London - Vancouver |
| :--- | :--- | :--- | :--- |
| $13 /$ Monday |  | 2000 | Arrival Vancouver |

All available time in between cargo, berthing/unberthing and pilotage operations was used for interviews, collecting information, observation of documents, records, inspection of vessel, operation and testing of waste stream related equipment.

All the activities were carried out without compromising vessel operations including berthing/unberthing operations, pilotage passages, cargo and safe navigation, and essential ship routine, safety of the crew, vessel, cargo and environment.

> ENVIRONMENT COMPLIANCE PROGRAM On-GOING/INITIAL AUDIT REPORT M/T PLOUTOS, IMO No.9327023 Underway Jebel Ali, DUBAI - SITRA, BAhrain DATES: SEPTEMBER 07 -10, 2010

Table 3
Details of Waste Stream Management Equipment on Board

| No | Equipment | Make | TYpe | Capacity | Cert. Details (TYPE TESTED) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | OWS MEPC 107(49) | JOWA | $\begin{array}{\|l\|} \hline \text { 3SEPOWS } \\ 5.0 \end{array}$ | $5.0 \mathrm{~m}^{3} / \mathrm{hr}$ | $\begin{aligned} & \hline \text { DNV MED=B- } \\ & 2547 \\ & \text { Exp. 2009/10/27 } \end{aligned}$ |
| 2* | OCM MEPC 107(49) | DECKMA | OMD 2005 | -------- | $\begin{aligned} & \text { EC } 320028 \\ & \text { Exp. 2009/09/30 } \end{aligned}$ |
| 3 | $\begin{aligned} & \text { Incinerator } \\ & \text { IMO Class } \\ & 02 \\ & \hline \end{aligned}$ | TEAMTEC | $\begin{aligned} & \hline \text { OGS } \\ & \text { 400C } \end{aligned}$ | $65 \mathrm{l} / \mathrm{hr}$ ( L) 400 L per charge | $\begin{aligned} & \text { EC 10569/A1 } \\ & \text { Exp. 2007/01/23 } \end{aligned}$ |
| 4 | Sewage Plant MEPC 2(VI) | HAMWORTHY | ST3A Super <br> Trident | $\begin{aligned} & \mathrm{BOD} \\ & 3 \mathrm{Kg} / \mathrm{day} \end{aligned}$ | $\begin{aligned} & \text { EC MED0550345 } \\ & \text { Exp. 2008/12/15 } \end{aligned}$ |
| 5 | ODME MEPC <br> 108(49) | SEIL - SERES | S-3000 | -------- | DNV MED-B-2590 EXP. 2009/10/15 |

## COMMENTS:

1. All the manufacturer's manuals, copies of type tested certificates were on board and were sighted by the auditor.
2. The OCM was last calibrated ashore on 2010/05/01

Cert. No. 5009761
03. The ODME last calibrated/tested 2009/05/12

Last test done on 2010/09/06

# ENVIRONMENT COMPLIANCE PROGRAM INITIAL AUDIT REPORT MT PLOUTOS, IMO No. 9327023 <br> Underway From Jebel Ali, Dubai - Sitra, Bahrain <br> DATES: September 07-10, 2010 

Form 06
Present Owner/Manager: Ginger Maritime/lonia Management S.A.
Vessel under current management from: December 15, 2006

| No. | Description of Item | dd | mm | yy | Port/At sea /remarks |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | MASTER |  |  |  |  |
|  | INSPECTIONS |  |  |  |  |
| 01 | Last Port State control inspection | 04 | 08 | 2010 | Aqaba, Jordan |
| 02 | Last Flag State inspection | 26 | 04 | 2010 |  |
| 03 | Last Vetting inspection/by BP | 07 | 09 | 2010 | Jebel Ali |
|  | AUDITS |  |  |  |  |
| 04 | Last Internal ISM audit | 13 | 09 | 2009 |  |
| 05 | Last External ISM audit | 16 | 09 | 2009 | BV |
| 06 | Last EMS audit | 26 | 03 | 2010 |  |
| 07 | Last Dry-docking | --- | --- | --- | N/A |
| 08 | Last quarterly Class survey report | 04 | 09 | 2010 |  |
|  | SOPEPIVRP |  |  |  |  |
| 09 | Date/ SOPEP approved by | 14 | 05 | 2009 | BV |
| 10 | Latest date of SOPEP Annex contact list | 30 | 06 | 2010 |  |
| 11 | Approval date of VRP/By | 12 | 02 | 2009 | USCG |
| 12 | Approval date of state VRP | 28 | 03 | 2008 | California |
|  | Drills \& Training |  |  |  |  |
| 13 | Last Q.I. Drill | --- | --- | --- | No records |
| 14 | Last bunker spill drill | 24 | 07 | 2010 |  |
| 15 | Last pollution drill other than spill drill | 18 | 08 | 2010 |  |
| 16 | Last SOPEP training | 18 | 08 | 2010 |  |
| 17 | Last EMS training | 29 | 08 | 2010 |  |



|  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | Description of Item | dd | mm | yr | Port/At sea/remarks |
| C | CHIEF OFFICER |  |  |  |  |
|  | Ballast Water management |  |  |  |  |
| 01 | Date and approval by | 14 | 12 | 2009 | BV |
| 02 | Last Ballast Water Mgmt log report | 26 | 08 | 2010 |  |
| 03 | Last BW report submitted | 29 | -6 | 2010 | Rotterdam |
| 04 | Last ballast Tanks cleaned | --- | --- | -- |  |
| 05 | Last tank sediment cleaning report | -- | --- | --- |  |
| 06 | Last Chain Locker sediment cleaned | --- | --- | --- | $\mathrm{N} / \mathrm{A}$ |
| 07 | Last BWM Training | 24 | 07 | 2010 |  |
|  | Garbage Management Plan |  |  |  |  |
| 08 | Date and approval by |  | Dec. | 2006 | Revised plan recd. at <br> Jebel Ali |
| 09 | Last shore disposal of Garbage | 02 | 08 | 2010 |  |
| 10 | Last Garbage Management Training | 24 | 07 | 2010 |  |
|  | O.D.M.E. |  |  |  |  |
| 11 | Last date of Calibration Test | $12 / 06$ | $05 / 0$ <br> 9 | $2010 /$ <br> 2010 |  |

## Legend:

BWM --
Ballast Water Management,
GMP Garbage Management Plan
OCM -- Oil Content Meter,
ODM -- Oil Detection Monitoring Equipment
OWS -- Oily Water Separator,
QI -
Qualified Individual,
SM PE P - $\quad$ Shipboard Marine Pollution Emergency Plan
SOPEP - Ship Oil Pollution Emergency Plan
VRP- Vessel Response Plan,
WSM - Waste Stream Management

## CSI/ EMS Audit Information

Ship: MT PLOUTOS Date: Sept. 07-10, 2010 Port: Jebel Ali-Sitra
IOPP Supplement Tanks

| No. | Tank | Capacity $\mathrm{m}^{3}$ |
| :--- | :--- | :--- |
| 1 | Dirty L.O. | 5.34 |
| 2 | Dirty F.O. | 6.52 |
| 3 | F.O. Sludge | 11.89 |
| 4 | Purifier L.O. | 4.56 |
| 5 | Purifier F.O. Sludge | 2.98 |
| 6 | Bilge Oil | 11.89 |
|  | Total | 48.18 |
| 1 | Dirty bilge | 32.49 |
| 2 | Clean Bilge | 32.21 |
|  | Total | 64.70 |

OWS Test
Max rated Capacity: $5.0 \mathrm{~m}^{3} / \mathrm{hr} \quad$ Source tank: Clean Bilge

| No | Time <br> Sept.10/10 | Sounding | Quantity m ${ }^{3}$ |
| :--- | :--- | :--- | :--- |
| 1 | 0955 | 115 | 13.25 |
| 2 | 1010 | 111 | 12.25 |
| 3 | 1025 | 107 | 11.80 |
| 4 | 1040 | 103 | 11.35 |
| 5 | 1055 | 100.5 | 10.90 |

Soundings taken every 15 minutes
Samples of incoming and outgoing effluents in clean transparent bottles for comparison taken every 15 minutes.
Actual capacity: $2.35 \mathrm{~m}^{3} / \mathrm{hr}$

## Incinerator Test Data

Max rated Capacity: $\mathbf{6 5} \mathbf{L / h r}$
Source Tank: Bilge Oil

| No | Time Sept 10/10 | Sounding | Quantity $\mathrm{m}^{3}$ |
| :--- | :--- | :--- | :--- |
| 1 | 0948 | --- | 1.22 |
| 2 | 1339 | -- | 1.01 |

Actual Capacity: $54.5 \mathrm{~L} / \mathrm{hr}$


[^0]:    

