U.S. Department
of Transportation

**United States
Coast Guard**

Commanding Officer
Coast Guard Integrated
Support Command Ketchikan -
Juneau Staff

P.O. Box 25517
Juneau, AK 99802-5517
Staff Symbol: (ks)
Phone: 907-463-2236

5100.3/5 & 6260.12

12 March 1997

From: LCDR David P. Bleicher, Safety and Environmental Health Branch
To: Commanding Officer, CGC Storis

Subj: PCB ANALYSIS OF MAIN PROPULSION CABLE

1. The main propulsion cable of CGC Storis was sampled on 22 January 1997 and analyzed for PCBs prior to its removal for replacement.

2. Analysis showed no PCBs present. This information was telephonically relayed to members of your crew on 31 January 1997. A copy of the analytical report is provided for your records.

3. For additional discussion of this result or information please contact me at 463-2236.

D. P. BLEICHER
By direction

Encl: Analytical Report

✓Copy: MLCPAC (kse)

DATA CHEM LABORATORIES
A Sorenson Company

# ANALYTICAL REPORT

Form ARF-AL
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Part 1 of 1
01309715202511

Date JAN 3 1 1997
Laboratory Group Name 97I-0157-01
Account No. 07300

US Coast Guard
Attention: LCDR David Bleicher
17th Coast Guard District
P.O. Box 25517
Juneau, AK 99802-5517

FAX (907) 463-2256
Telephone (907) 463-2236

**Sampling Collection and Shipment**

Sampling Site _____ Date of Collection _____

Date Samples Received at Laboratory January 24, 1997

**Analysis**

Method of Analysis 8080

Date(s) of Analysis January 28, 1997

**Analytical Results**

| Field Sample Number | Laboratory Number | Sample Type | Aroclor 1016 ug/g 3550 | Aroclor 1221 ug/g 3550 | Aroclor 1232 ug/g 3550 | Aroclor 1242 ug/g 3550 | Aroclor 1248 ug/g 3550 | Aroclor 1254 ug/g 3550 | Aroclor 1260 ug/g 3550 | Tetrachloro-meta-xylene ug/g 3550 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BL-129399-1 | BL-129399-1 | BULK | ND | ND | ND | ND | ND | ND | ND | 0.17 | |
| QC-129399-1 | QC-129399-1 | BULK | 4.7 | ND | ND | ND | ND | ND | 4.8 | 0.17 | |
| 97DPB0101 | 97I01130 | BULK | ND | ND | ND | ND | ND | ND | ND | 0.13 | † |
| 97DPB0101 | 97I01130MS | BULK | 130 | ND | ND | ND | ND | ND | 30 | 0.14 | † |
| 97DPB0101 | 97I01130MSD | BULK | 140 | ND | ND | ND | ND | ND | 22 | 0.20 | † |
| Limit of Detection | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | SUR | |

† See comment on last page.
ND Parameter not detected above LOD.
NR Parameter not requested.

** See comment on last page.
( ) Parameter between LOD and LOQ.

Vicki Hoe-Lin Tsai
Analyst: Vicki Hoe-Lin Tsai

Reviewer: Guangyue Liu

1-31-97
Laboratory Supervisor: Reed A. Hendricks

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547 / (801) 266-7700
FAX (801) 268-9992

DATA CHEM LABORATORIES
A Sorenson Company

# ANALYTICAL REPORT



Date JAN 3 1 1997
Laboratory Group Name 97I-0157-01

## General Set Comments

Method : 8080 MOD.
A 1 g portion of sample was extracted in 10 mL of hextane and rotated for one hour. A HP5890 GC equipped with electron capture detector and 30 m X 0.25 mm X 0.25 µm of DB-1 Column was used for analysis. Temperature program was 75C for 2 min, ramp at 50C/min to 150C, ramp at 5C/min to 275C for 16.5 min. Injection volume was 3 µL. Laboratory control sample (LCS), Matrix spike (MS) and matrix spike duplicate samples (MSD) were performed. PCB1016 and PCB1260 were spiked at 5.0 µg/g in LCS, MS and MSD. Surrogate TCMX was spiked at 0.2 µg/g in all samples. The recoveries of LCS and surrogate were within QC limits. PCB1016 and PCB1260 in MS and MSD had high recoveries. This was due to sample matrix interferences.

## Sample Comments

| Laboratory Number | -- Comment -- |
|---|---|
| 97I01130 | Dil. 1X100 was necessary for analysis. |
| 97I01130MS | Dil. 1X10 was necessary for analysis. |
| 97I01130MSD | Dil. 1X10 was necessary for analysis. |

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