DEPARTMENT OF THE NAVY
OFFICER IN CHARGE
NAVAL SEA SYSTEMS COMMAND
INACTIVE SHIPS MANAGEMENT OFFICE
BLDG. 8Y, ST. JULIENS CREEK ANNEX
PORTSMOUTH, VIRGINIA 23702-5002

4700
Ser 01/050
11 Apr 07

FIRST ENDORSEMENT on NAVSEA INACTSHIPMAINTO BREMERTON WA ltr 4700 Ser N3/001 of 08 Jan 07

From: Officer in Charge, Naval Sea Systems Command, Inactive Ships Management Office, Portsmouth, VA 23702-5002
To: Program Executive Office Ships (PMS 333), 1333 Isaac Hull Avenue SE, Stop 2701, Washington Navy Yard, D.C. 20376-2701

Subj: REQUIREMENTS CHECKLIST FOR PREPARING EX-CONSTELLATION (CV 64) FOR SINKEX

1. Forwarded without enclosures (10) through (16).

M. A. Jones
M. A. JONES
By direction

Copy to:
NAVSEA INACTSHIPMAINTO BREMERTON WA

DEPARTMENT OF THE NAVY
NAVAL SEA SYSTEMS COMMAND
NAVAL INACTIVE SHIPS MAINTENANCE OFFICE
2450 WYCOFF WAY BLDG 550 PSNS
BREMERTON WA 98314-5250

4700
Ser N3/001
8 Jan 07

From: Director, Naval Sea Systems Command, Inactive Ships Maintenance Office, Bremerton WA 98314-5250

To: Program Executive Officer Ships, PEO Ships, 1333 Issac Hull Ave. Stop 2701, Washington Navy Yard, Washington, D.C. 20376-2701

Via: Officer in Charge, Naval Sea Systems Command, Inactive Ships Management Office, St. Juliens Creek Annex, Bldg 8Y, Portsmouth, VA 23702-5002 (N32)

Subj: REQUIREMENTS CHECKLIST FOR PREPARING EX-CONSTELLATION (CV-64) FOR SINKEX.

Ref:
(a) 40 C.F.R. 229.2, Transport of Target Vessels
(b) EPA Office of Water letter of 2 Aug 99

Encl:
(1) PCB Sampling Certification
(2) PCB Large Transformer and Capacitor Removal Certification
(3) PCB Small Capacitor and Capacitor Removal Certification
(4) Equipment Draining Certification
(5) Detachable PCB Item Removal Certification
(6) PCB Disposal Certification
(7) PCB Estimation Certification
(8) Fuel Tanks and Lines, Draining and Flushing Certification.
(9) Refrigerant Removal Certification.
(10) Amount of Fluids removed from equipment broken down by type of fluid.
(11) Amount of fluids removed from tanks and voids.
(12) Miscellaneous items removed from the vessel (i.e. floatables, trash).
(13) Hazardous and non-hazardous waste disposal reports.
(14) Summary break down of waste disposal reports from George G. Sharp Inc.
(15) Summary break down of waste disposal reports from Puget Sound Naval Shipyard.
(16) Puget Sound Naval Shipyard Waste Disposition Table.

1. The EX-CONSTELLATION (CV-64) has been prepared for SINKEX in accordance with reference (a) General Permit, and as delineated in the "Requirements Relating to PCBs under the General Permit" of reference (b).

Subj: REQUIREMENTS CHECKLIST FOR PREPARING EX-CONSTELLATION (CV-64) FOR SINKEX.

2. Enclosures (1) through (16) are forwarded as documentation that all the actions required by reference (a) have been completed for EX-CONSTELLATION (CV-64).

KEN AHL

Copy to:
George G. Sharp Bremerton, WA

REQUIREMENTS CHECKLIST FOR PREPARING EX-CONSTELLATION (CV-64) FOR SINKEX:

PCB Sampling Certification

In accordance with the EPA letter of 2 Aug 99 for an inventory to ascertain the presence of PCBs, I certify that the EX-CONSTELLATION (CV-64) has been sampled for PCBs in accordance with NAVSEA PCB Advisory 95-1, Sampling and Management of Polychlorinated Biphenyls (PCBs) During Disposals of Vessels of 21 Sep 1995. The PCB sampling and analysis report shall be provided to EPA in the annual report.

Activity performing samples:
NISMO BREMERTON WA/GEORGE G. SHARP, INC.

Date performed: **10 JANUARY 2005**

Signature:	G. M. Musick III	S. Berry	H. Ehlert
Title:	Project Mgr.	Safety Mgr	QA Specialist

A signed copy of this certification sheet must be provided to PEOSHIPS PMS333 for verification that all actions are complete.

Summary of samples:
20 Samples of Electrical Cables
10 Samples of Oils and Greases
10 Samples of Ventilation Gaskets
05 Samples of Bulkhead Insulation
05 Samples of Rubber Applications
05 Samples of Double Back Tape
05 Samples of Aluminized Paint
07 Quality Control Blanks

Attachment (A)

14 Samples of Electrical Cables
04 Samples of Ventilation Gaskets
02 Samples of Bulkhead Insulation
04 Quality Control Blanks

ex-CONSTELLATION (CV-64)

SPECTRA Laboratories
2221 Ross Way
Tacoma, WA 98421

Analysis Report	Login	Spectra	Sample Location	Sample Description	Result	Units	Arcolor
2005010284 02 Mar 05	1	1	02-92-2-C, ConFlag #1	1/2" Gray, Pirelli Cable, EM DSGU-9, SPL PVC, 1981	< 0.53	ppm	ND
2005010284 02 Mar 05	2	2	03-69-0-Q, Cat 1 RT	1/2" Gray, Plastoid Corp., MSCU-7, SPL PVC, 1983	< 2.3	ppm	ND
2005010284 02 Mar 05	3	3	02-59-0-Q, Avionics Shop	1/2" Black, Armored Cable, Unk Year	**20.00**	**ppm**	**1254**
2005010284 02 Mar 05	4	4	09-143-3-C, CO Plot	1" Gray, Pirelli Cable, EM MSCU 19, SPL PVC, 1982	< 1.2	ppm	ND
2005010284 02 Mar 05	5	5	08-141-1-C, Flag Plot	1/4" Gray, Plastoid Corp., DSGU 3, SPL PVC, 1981	< 1.1	ppm	ND
2005010284 02 Mar 05	6	6	07-146-1-L, Passageway	1/2" Gray, Collyer, TTSU 3, SPL PVC, 1982	< 0.17	ppm	ND
2006010191 08 Feb 06	6	1	08-141-1-C, Flag Plot	3/8" Black, Armored Cable, Unk Year	< 30.0	ppm	ND
2005010284 02 Mar 05	7	7	05-146-3-Q, TACAN	1/2" Gray, Plastoid Corp., MSCU-7, SPL PVC, 1980	< 0.19	ppm	ND
2006010191 08 Feb 06	7	2	05-146-3-Q, TACAN	1/2" Black, Armored Cable, Unk Year	< 300.0	ppm	Note 2
2005010284 02 Mar 05	8	8	03-39-2-Q, Avionic Shop #4	1/2" Gray, Collyer, TTSU 3, SPL PVC, 1982	< 0.21	ppm	ND
2006010191 08 Feb 06	8	3	03-39-1-Q, Fan Room	1/2" Black, Armored Cable, Unk Year	< 450.0	ppm	Note 2
2005010284 02 Mar 05	9	9	2-205-2-L, Passageway	3/4" Gray, Plastoid Corp., DSGU-9, SPL PVC, 1982	< 0.1	ppm	ND
2006010191 08 Feb 06	9	4	03-119-2-L, Passageway	1/2" Black, Armored Cable, Unk Year	< 580.0	ppm	Note 2
2005010284 02 Mar 05	10	10	03-172-2-L, Passageway	3/4" Black, Armored Cable, Unk Year	**130.00**	**ppm**	**1260**
2006010191 08 Feb 06	10	5	03-172-2-L, Passageway	3/4" Black, Armored Cable, Unk Year	< 300.0	ppm	Note 2
2005010284 02 Mar 05	11	11	1-130-2-Q, Crew Shelter	1/4" Gray, Plastoid Corp., TTGU 4, SPL PVC, 1981	< 1.5	ppm	ND
2005010284 02 Mar 05	12	12	2-244-2-T, Trunk	3/8" Gray, Pirelli Cable, EM DSGU 3, SPL PVC, 1982	< 2.0	ppm	ND
2006010191 08 Feb 06	12	6	01-177-1-Q, MAA Office	1/2" Black, Armored Cable, Unk Year	< 50.0	ppm	Note 2
2005010284 02 Mar 05	13	13	4-195-5-E, AC MC Rm	1/2" Gray, Pirelli Cable, EM TSGU 3, SPL PVC, 1982	< 2.5	ppm	ND
2006010191 08 Feb 06	13	7	01-150-1-L, Passageway	1/2" Black, Armored Cable, Unk Year	< 9.0	ppm	ND
2005010284 02 Mar 05	14	14	4-186-1-T, Trunk	3/4" Gray, General Cable, TSGU-9, SPL PVC, 1974	< 1.5	ppm	ND

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2221 Ross Way
Tacoma, WA 98421

Analysis Report	Login	Spectra	Sample Location	Sample Description	Result	Units	Arcolor
2006010191 08 Feb 06	14	8	1-29-0-L, Passageway	1/2" Black, Armored Cable, Unk Year	< 63.0	ppm	Note 2
2005010284 02 Mar 05	15	15	01-59-01-Q, AV Shop #10	1/2" Gray, Pirelli Cable, EM TSGU 3, SPL PVC, 1982	< 2.1	ppm	ND
2006010191 08 Feb 06	15	9	1-59-0-Q, Hangar Bay	1/2" Black, Armored Cable, Fr. 71, Port, Unk Year	< 70.0	ppm	Note 2
2005010284 02 Mar 05	16	16	2-254-7-L, Passageway	1/2" Gray, Collyer, DSGU-9, SPL PVC, 1981	< 1.1	ppm	ND
2006010191 08 Feb 06	16	10	1-59-0-Q, Hangar Bay	1/2" Black, Armored Cable, Fr. 99, Port, Unk Year	< 29.0	ppm	ND
2005010284 02 Mar 05	17	17	4-156-3-T, Trunk	1/2" Gray, Pirelli Cable, EM MSGU-7, SPL PVC, 1981	< 1.9	ppm	ND
2006010191 08 Feb 06	17	11	1-210-1-L, Passageway	1/2" Black, Armored Cable, Unk Year	< 450.0	ppm	Note 2
2005010284 02 Mar 05	18	18	4-167-0-M, Special Weapons Mag	1/2" Gray, Pirelli Cable, EM MSGU-7, SPL PVC, 1980	< 1.2	ppm	ND
2006010191 08 Feb 06	18	12	2-124-2-Q, Fan Room	1/2" Black, Armored Cable, Unk Year	< 450.0	ppm	Note 2
2005010284 02 Mar 05	19	19	2-237-4-Q, LAN Work Center	1/2" Gray, Pirelli Cable, EM TSGU 9, SPL PVC, 1981	< 1.3	ppm	ND
2006010191 08 Feb 06	19	13	7-132-0-E, Aux #2	1/2" Black, Armored Cable, U/L, Fr. 137, Port, Unk Year	< 14.0	ppm	ND
2005010284 02 Mar 05	20	20	1-225-1-L, Passageway	1/2" Gray, Pirelli Cable, EM TSGU 9, SPL PVC, 1983	< 1.4	ppm	ND
2006010191 08 Feb 06	20	14	7-154-0-E, MMR #3	1/2" Black, Armored Cable, U/L, Fr. 166, Port, Unk Year	< 33.0	ppm	ND
2005010284 02 Mar 05	21	21	1-12-0-E, Anchor Windlass	Oil, Hydraulic, Speed Reducer Drain Plug	< 1.0	ppm	ND
2005010284 02 Mar 05	22	22	2-177-6-Q, Deck Edge Elev Nr 4	Oil, Hydraulic, Ram Cont Valve Motor Drain Plug	< 1.0	ppm	ND
2005010284 02 Mar 05	23	23	03-195-0-Q, Arrest Gear Rm	Oil, Hydraulic, CRO Valve, Vent Valve	< 1.0	ppm	ND
2005010284 02 Mar 05	24	24	1-59-0-Q, Hangar Bay 1	Oil, Hydraulic, Sliding Pad Eye, Winch Drain Plug	< 1.0	ppm	ND
2005010284 02 Mar 05	25	25	01-150-0-E, Exercise Room	Oil, Hydraulic, Capstan Motor Drain Plug	< 1.0	ppm	ND
2005010284 02 Mar 05	26	26	03-69-0-Q, Cat 1	Grease, Induction Motor Gear	< 1.0	ppm	ND
2005010284 02 Mar 05	27	27	03-164-1-Q, Elev #4 Mach Rm	Grease, Elev Cable Reel Gear	< 1.0	ppm	ND
2005010284 02 Mar 05	28	28	2-244-5-Q, Nixie	Grease, Winch Shaft	< 1.0	ppm	ND

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Tacoma, WA 98421

Analysis Report	Login	Spectra	Sample Location	Sample Description	Result	Units	Arcolor
2005010284 02 Mar 05	29	29	3-109-1-Q, Elev Mach Rm	Grease, Elev Cable Reel	< 1.0	ppm	ND
2005010284 02 Mar 05	30	30	1-12-0-E, Anchor Windlass	Grease, Main Pump Link Arm Bearing	< 1.0	ppm	ND
2005010284 02 Mar 05	31	31	02-74-6-Q, Maint Mgr Office	Ventilation Gasket, Rubber	< 0.63	ppm	ND
2006010191 08 Feb 06	31	15	2-173-3-Q, Stbd	Ventilation Gasket, Wool Felt	< 12.0	ppm	ND
2005010284 02 Mar 05	32	32	1-109-1-Q, Deck Dept Office	Ventilation Gasket, Rubber	**21.00**	**ppm**	**1254**
2006010191 08 Feb 06	32	16	2-61-1-L, Passageway	Ventilation Gasket, Wool Felt	< 10.0	ppm	ND
2005010284 02 Mar 05	33	33	03-123-0-C, Tact Flag Command Ctr	Ventilation Gasket, Rubber	< 2.2	ppm	ND
2006010191 08 Feb 06	33	17	2-69-1-Q, Crews Galley	Ventilation Gasket, Wool Felt, Fr. 77	< 27.0	ppm	ND
2005010284 02 Mar 05	34	34	03-167-1-L, Passageway	Ventilation Gasket, Rubber	< 1.7	ppm	ND
2006010191 08 Feb 06	34	18	2-69-1-Q, Crews Galley	Ventilation Gasket, Wool Felt, Fr. 71	< 11.0	ppm	ND
2005010284 02 Mar 05	35	35	02-205-1-Q, Training Office	Ventilation Gasket, Black Rubber	< 0.72	ppm	ND
2005010284 02 Mar 05	36	36	2-228-1-Q, Fan Room	Ventilation Gasket, Black Rubber	< 2.8	ppm	ND
2005010284 02 Mar 05	37	37	4-186-0-E, Emerg Gen Rm #3	Ventilation Gasket, Black Rubber	**11.00**	**ppm**	**1254**
2005010284 02 Mar 05	38	38	01-49-2-Q, Division Office	Ventilation Gasket, Black Rubber	< 1.4	ppm	ND
2005010284 02 Mar 05	39	39	2-97-2-L, Passageway	Ventilation Gasket, Black Rubber	< 1.0	ppm	ND
2005010284 02 Mar 05	40	40	3-119-6-Q, Machine Shop	Ventilation Gasket, Black Rubber	< 0.11	ppm	ND
2005010284 02 Mar 05	41	41	2-19-0-L, Berthing	Bulkhead Insulation, Yellow, Fiberglass	**250.00**	**ppm**	**1254**
2006010191 08 Feb 06	41	19	2-141-1-Q, Disbursing Office	Bulkhead Insulation, Yellow, Fiberglass, Acoustical	< 240.0	ppm	Note 2
2005010284 02 Mar 05	42	42	3-58-0-Q, Fan Room	Bulkhead Insulation, Yellow, Fiberglass	< 100.0	ppm	Note 1
2006010191 08 Feb 06	42	20	2-113-1-Q, Fan Room	Bulkhead Insulation, Yellow, Fiberglass, Acoustical	< 12.0	ppm	ND
2005010284 02 Mar 05	43	43	4-49-0-A, Store Rm	Bulkhead Insulation, Yellow, Fiberglass	< 0.34	ppm	ND

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Analysis Report	Login	Spectra	Sample Location	Sample Description	Result	Units	Arcolor
2005010284 02 Mar 05	44	44	09-140-1-C, Bridge	Bulkhead Insulation, Yellow, Fiberglass	< 140.0	ppm	Note 1
2005010284 02 Mar 05	45	45	07-150-1-L, Stateroom	Bulkhead Insulation, Yellow, Fiberglass	< 0.83	ppm	ND
2005010284 02 Mar 05	46	46	03-140-3-L, Passageway	Rubber Application, Electrical Channel, #9 Feed Power Panel, Fr. 149, C/L	< 0.81	ppm	ND
2005010284 02 Mar 05	47	47	03-64-2-Q, Cat Control Rm #2	Rubber Application, Electrical Channel, Hydraulic Line, Fr. 64, Port	< 1.1	ppm	ND
2005010284 02 Mar 05	48	48	03-119-0-Q, B&D	Rubber Application, Electrical Channel, Lighting Panel, Fr. 120, Stbd	< 0.8	ppm	ND
2005010284 02 Mar 05	49	49	3-69-0-L, Berthing	Rubber Application, Electrical Channel, Lighting Panel, Fr. 73, Port	< 1.3	ppm	ND
2005010284 02 Mar 05	50	50	1-39-0-L, Passageway	Rubber Application, Electrical Channel, Line Voltage Regulator, Fr. 41, Stbd	< 0.08	ppm	ND
2005010284 02 Mar 05	51	51	02-74-3-Q, Work Center	Double-Backed Adhesive Tape, Black, Compartment Check Off Label	**13.00**	**ppm**	**1254**
2005010284 02 Mar 05	52	52	03-109-1-Q, Chem Mix	Double-Backed Adhesive Tape, Black, Compartment Check Off Label	< 2.5	ppm	ND
2005010284 02 Mar 05	53	53	1-49-2-Q, Work Center	Double-Backed Adhesive Tape, Black, Compartment Check Off Label	< 5.0	ppm	ND
2005010284 02 Mar 05	54	54	2-79-2-L, Squadron Work Center	Double-Backed Adhesive Tape, Black, Compartment Check Off Label	< 0.31	ppm	ND
2005010284 02 Mar 05	55	55	2-122-2-L, Dental	Double-Backed Adhesive Tape, Yellow, Soap Dispenser	< 0.63	ppm	ND
2005010284 02 Mar 05	56	56	4-106-01-O, Uptake Space #1	Aluminized Paint, MMR #4 Uptake	< 6.3	ppm	ND
2005010284 02 Mar 05	57	57	5-119-0-E, MMR #4	Aluminized Paint, 4A Boiler	< 3.8	ppm	ND
2005010284 02 Mar 05	58	58	4-141-0-Q, MMR #2	Aluminized Paint, MMR #2 Uptake	< 4.2	ppm	ND
2005010284 02 Mar 05	59	59	7-97-01-E, Aux #1	Aluminized Paint, Firemain Relief Valve	< 0.5	ppm	ND
2005010284 02 Mar 05	60	60	03-64-6-Q, #2 Cat Exhaust Valve	Aluminized Paint, Thrust Unit	**3.50**	**ppm**	**1254**
2005010284 02 Mar 05	61	61	1-12-0-E, Anchor Windlass	Field Blank #1 (After sample #30)	ND	µg/wipe	ND
2005010284 02 Mar 05	62	62	03-64-6-Q, #2 Cat Exhaust Valve	Field Blank #2 (After sample #60)	ND	µg/wipe	ND
2005010284 02 Mar 05	63	63	3-154-01-L, Passageway	Tool Blank #1 (After Sample #10)	< 0.5	µg/wipe	ND
2005010284 02 Mar 05	64	64	1-225-1-L, Passageway	Tool Blank #2 (After Sample #20)	< 0.5	µg/wipe	ND

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Analysis Report	Login	Spectra	Sample Location	Sample Description	Result	Units	Arcolor
2005010284 02 Mar 05	65	65	3-119-6-Q, Machine Shop	Tool Blank #3 (After Sample #40)	< 0.5	µg/wipe	ND
2005010284 02 Mar 05	66	66	1-39-0-L, Passageway	Tool Blank #4 (After Sample #50)	< 0.5	µg/wipe	ND
2005010284 02 Mar 05	67	67	03-64-6-Q, #2 Cat Exhaust Valve	Tool Blank #5 (After Sample #60)	< 0.5	µg/wipe	ND
2006010191 08 Feb 06	FB-62	21	2-113-1-Q, Fan Room	Field Blank #2 (After sample #42)	ND	ppm	ND
2006010191 08 Feb 06	TB-63	22	03-172-3-L, Passageway	Tool Check #1 (After sample #10)	< 0.2	ppm	ND
2006010191 08 Feb 06	TB-64	23	7-154-0-E, MMR #3	Tool Check #2 (After sample #20)	< 0.2	ppm	ND
2006010191 08 Feb 06	TB-67	24	2-113-1-Q, Fan Room	Tool Check #5 (After sample #42)	< 0.2	ppm	ND

2005010284 02 Mar 05	Sampled 10 Jan 05
2006010191 08 Feb 06	Sampled 09 Nov 05.

Note 1: Samples 42 and 44 of analysis report 2005010284 were an insulation-type of material that required dilution of the sample extract and re-analysis in order to determine if a PCB pattern was present. Samples such as these appear to contain a non-PCB interference to which the detector responds, creating one large, off-scale peak. This peak obliterates any PCB pattern which may be present, and thus facilities re-injection at a greater dilution. The interference in samples such as this is not affected by additional acid and fluorosil clean up. As a result, it is necessary to report a higher detection limit, even though the sample was non-detect.

Note 2: Samples 7, 8, 9, 10, 12, 14 ,15, 17, 18, and 41 of analysis report 2006010191 required dilutions of the sample extract and re-analysis in order to determine if a PCB pattern was present. Samples such as these appear to contain a non-PCB interference to which the detector responds, creating one large, off-scale peak. This peak obliterates any PCB pattern which may be present, and thus facilities re-injection at a greater dilution. The interference in samples such as this is not affected by additional acid and fluorosil clean up. As a result, it is necessary to report a higher detection limit, even though the sample was non-detect.

POLYCHLORINATED BIPHENYL SAMPLING AND ANALYSIS REPORT **of Date: 01/10/2005**

Subj:... PCB SAMPLING AND ANALYSIS SURVEY FOR: **EX-CONSTELLATION**

Ref: (a) COMNAVSEASYSCOM WASHINGTON DC ltr 4770 Ser 00T/2408 of 21 Sep 95 (Subj: NAVSEA PCB Advisory 95-1)

1. The following statement is provided regarding the number of samples taken as required by reference (a):

20	Samples of ELECTRICAL CABLE were taken
10	Samples of OILS AND GREASES were taken.
10	Samples of VENTILATION DUCT GASKETS were taken.
5	Samples of BULKHEAD INSULATION were taken
5	Samples of RUBBER APPLICATIONS (i.e., shock mounts, hatch gaskets, pipe hangars, etc.) were taken
5	Samples of DOUBLE-BACKED ADHESIVE TAPE were taken
5	Sample of ALUMINIZED PAINT were taken
7	Quality Control Samples (FIELD BLANKS and TOOL CHECKS) were taken.

2. A representative sample was taken of each of the applications identified above. Additional samples were taken to meet the requirements of reference (a) and are recorded on attachment (A) to this report.

O. OLIVER **J. PORTER** **B. ROSE** **B. FERGUSON**

SAMPLER(S) SAMPLER(S)

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

ELECTRICAL CABLING SAMPLING LOG-IN SHEET (20 Samples required)					
Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION OF CABLE (Size, Color, Manufacturer, MIL-SPEC, etc) Sample Size: 2.5 inches	Cable Year	Result
1	1000 1/10/05	CONFLAG #1 02-92-2-C	½" GRAY PIRELLI CABLE EM DSGU-9 SPL PVC	1981	<0.53 Mg/Kg
2	1030 1/10/05	CAT 1 RT 03-69-0-Q	½" GRAY PLASTOID COR. MSCU-7 SPL PVC	1983	<2.3 Mg/Kg
3	1230 1/10/05	AVIONICS SHOP 02-59-0-Q	½" ARMORED CABLE BLACK	UNK	20 Mg/Kg
4	1305 1/10/05	CO PLOT 09-143-3-C	1" GRAY PIRELLI CABLE EM MSCU 19 SPL PVC	1982	<1.2 Mg/Kg
5	1332 1/10/05	FLAG PLOT 08-141-1-C	¼" GRAY PLASTOID CORP. DSGU 3 SPL PVC	1981	<1.1 Mg/Kg
6	1345 1/10/05	PASSAGEWAY 07-146-1-L	½" GRAY COLLYER TTSU 3 SPL PVC	1982	<0.17 Mg/Kg
7	1415 1/10/05	TACAN 05-146-3-Q	½" GRAY PLASTOID CORP. MSCU 7 SPL PVC	1980	<0.19 Mg/Kg
8	1442 1/10/05	AVIONIC SHOP 4 03-39-2-Q	½" GRAY COLLYER TTSU 3 SPL PVC	1982	<0.21 Mg/Kg
9	1510 1/10/05	P-WAY 2-205-2-L	¾ GRAY PLASTOID CORP. DSGU 9 SPL PVC	1982	<.10 Mg/Kg
10	1525 1/10/05	P-WAY 03-172-2-L	¾" ARMORED CABLE BLACK	UNK	130 Mg/Kg

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

11	0755 1/12/05	CREW SHELTER 1-130-2-Q	¼" GRAY PLASTOID CORP. TTGU 4 STD PVC	1981	<1.5 Mg/Kg
12	0830 1/12/05	TRUNK 2-244-2-T	3/8" GRAY PIRELLI CABLE EM DSGU 3 SPL PVC	1982	<2.0 Mg/Kg
13	0900 1/12/05	AC MC RM 4-195-5-E	½" GRAY PIRELLI CABLE EM TSGU 3 SPL PVC	1982	<2.5 Mg/Kg
14	1000 1/12/05	TRUNK 4-186-1-T	¾" GRAY GENERAL CABLE TSGU-9 SPL PVC	1974	<1.5 Mg/Kg
15	1320 1/12/05	AV SHOP #10 01-59-01-Q	½" GRAY PIRELLI CABLE EM TSGU 3 SPL PVC	1982	<2.1 Mg/Kg
16	1345 1/12/05	PASSAGEWAY 2-154-7-L	½" GRAY COLLYER DSGU-9 SPL PVC	1981	<1.1 Mg/Kg
17	1425 1/12/05	TRUNK 4-156-3-T	½" GRAY PIRELLI CABLE EM MSGU-7 SPL PVC	1981	<1.9 Mg/Kg
18	1435 1/12/05	SPL WEPS MAG 4-167-0-M	½" GRAY PIRELLI EM MSGU-7 SPL PVC	1980	<1.2 Mg/Kg
19	1447 1/12/05	LAN WORK CTR 2-237-4-Q	½" GRAY PIRELLI CABLE EM TSGU-9 SPL PVC	1981	<1.3 Mg/Kg
20	1510 1/12/05	PASSAGEWAY 1-225-1-L	½" GRAY PIRELLI CABLE EM TSGU-9 SPL PVC	1983	<1.4 Mg/Kg

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

OIL SAMPLING LOG-IN SHEET (5 Samples of Oil and 5 Samples of Grease Required)				
Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION OF OILS/GREASES (Lube, Hydraulic Oils and/or grease and equipment retrieved from): Sample Size: 1/4 to 1.0 inch depth	Result
21	0820 1/13/05	ANCHOR WINDLASS 1-12-0-E	HYDRAULIC OIL, SPEED REDUCER DRAIN PLUG	<1.0 Mg/Kg
22	0910 1/13/05	DECK EDGE ELEV MR 4 2-177-6-Q	HYD OIL, RAM CONT VLV MOTOR DRAIN PLUG	<1.0 Mg/Kg
23	1010 1/13/05	ARREST GEAR RM 03-195-0-Q	HYDRAULIC OIL, CRO VALVE VENT VALVE	<1.0 Mg/Kg
24	1215 1/13/05	HANGAR BAY 1 1-59-0-Q	HYD OIL, SLIDING PAD EYE WINCH DRAIN PLUG	<1.0 Mg/Kg
25	1235 1/13/05	FWD EXERCISE RM 01-150-0-E	HYDRAULIC OIL, CAPSTAN MOTOR DRAIN PLUG	<1.0 Mg/Kg
26	1300 1/13/05	CAT 1 03-69-0-Q	GREASE, INDUCTION MOTOR GEAR	<1.0 Mg/Kg
27	1310 1/13/05	ELEV #4 MACH RM 03-164-1-Q	GREASE, ELEV CABLE REEL GEAR	<1.0 Mg/Kg
28	1325 1/13/05	NIXIE 2-244-5-Q	GREASE, WINCH SHAFT	<1.0 Mg/Kg
29	1345 1/13/05	ELEV MACH RM 3-109-1-Q	GREASE, ELEV CABLE REEL REEL	<1.0 Mg/Kg
30	1430 1/13/05	ANCHOR WINDLASS 1-12-0-E	GREASE, MAIN PUMP LINK ARM BEARING	<1.0 Mg/Kg

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

VENTILATION GASKET SAMPLING LOG-IN SHEET 10 Samples Required				
Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION OF VENTILATION GASKET (Rubber/Wool Felt, etc Sample Size: 2 inch Strip)	Result
31	1455 1/13/05	MAINT MGR OFFICE 02-74-6-Q	RUBBER	<0.63 Mg/Kg
32	1505 1/13/05	DECK DEPT OFFICE 1-109-1-Q	RUBBER	21 Mg/Kg
33	0900 1/14/05	TACT FLAG COMMAND CTR 03-123-0-C	RUBBER	<2.2 Mg/Kg
34	0920 1/14/05	PASSAGEWAY 03-167-1-L	RUBBER	<1.7 Mg/Kg
35	0930 1/14/05	TRAINING OFFICE 02-205-1-Q	RUBBER, BLACK	<0.72 Mg/Kg
36	0950 1/14/05	FAN ROOM 2-228-1-Q	RUBBER, BLACK	<2.8 Mg/Kg
37	1010 1/14/05	EMERGENCY GEN RM #3 4-186-0-E	RUBBER, BLACK	11 Mg/Kg
38	1030 1/14/05	DIVISION OFFICE 01-49-2-Q	RUBBER, BLACK	<1.4 Mg/Kg
39	0742 1/18/05	PASAGEWAY 2-97-2-L	RUBBER, BLACK	<1.0 Mg/Kg
40	0755 1/18/05	MACHINE SHOP 3-119-6-Q	RUBBER, BLACK	<0.11 Mg/Kg

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

BULKHEAD INSULATION SAMPLING LOG-IN SHEET
(5 Samples Required)

Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION OF INSULATION (Type, Color, Etc. Sample Size: 2.5 X 1/2 inch)	Result
41	0820 1/18/05	BERTHING 2-19-0-L	YELLOW FIBERGLASS	250 Mg/Kg
42	0830 1/18/05	FAN ROOM 3-58-0-Q	YELLOW FIBERGLASS	<100 Mg/Kg
43	0840 1/18/05	STORE ROOM 4-49-0-A	YELLOW FIBERGLASS	<0.34 Mg/Kg
44	0855 1/18/05	BRIDGE 09-140-1-C	YELLOW FIBERGLASS	<140 Mg/Kg
45	0915 1/18/05	STATEROOM 07-150-1-L	YELLOW FIBERGLASS	<0.83 Mg/Kg

RUBBER APPLICATION SAMPLING LOG-IN SHEET
(5 Samples Required)

Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION (SEE NOTE BELOW) Sample Size: 2.5 X 1/2 inch	Result
46	0925 1/18/05	PASSAGEWAY 03-140-3-L	FR 149 C/L ELEC CHANNEL RUBBER #9 FEED POWER PANEL	<0.81 Mg/Kg
47	0932 1/18/05	CAT CONTROL RM #2 03-64-2-Q	GR 64 PORT ELEC. CHANNEL RUBBER HYDRAULIC LINE	<1.1 Mg/Kg
48	1002 1/18/05	B & D 03-119-0-Q	FR 120 STBD ELEC. CHANNEL RUBBER LIGHTING PANEL	<0.80 Mg/Kg
49	1010 1/18/05	BERTHING 3-69-0-L	FR 73 PORT ELEC. CHANNEL RUBBER LIGHTING PANEL	<1.3 Mg/Kg
50	1015 1/18/05	PASSAGEWAY 1-39-0L	FR 41 STBD ELEC. CHANNEL RUBBER LINE VOLTAGE REGULATOR	<0.08 Mg/Kg

Rubber applications (high temperature applications) include but are not limited to:
Isolation shock mounts for electronic equipment
Pipe hangar lines
Pipe Block hangers
NOT VENTILATION GASKETS

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

DOUBLE-BACKED ADHESIVE TAPE SAMPLING LOG-IN SHEET
(5 Samples Required)

Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION OF EQUIPMENT (Where Retrieved and color) Sample Size: Strip	Result
51	1205 1/18/05	WORK CENTER 02-74-3-Q	BLACK TAPE, CCOL	13 Mg/Kg
52	1220 1/18/05	CHEM MIX 03-109-1-Q	BLACK TAPE, CCOL	<2.5 Mg/Kg
53	1234 1/18/05	WORK CENTER 1-49-2-Q	BLACK TAPE, CCOL	<5.0 Mg/Kg
54	1238 1/18/05	SQUADRON WORK CTR 2-79-2-L	BLACK TAPE, CCOL	<0.31 Mg/Kg
55	1244 1/18/05	DENTAL 2-122-2-L	YELLOW TAPE, SOAP DISPENSER	<0.63 Mg/Kg

ALUMINIZED PAINT SAMPLING LOG-IN SHEET
(5 Samples Required)

Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION OF EQUIPMENT WHERE RETRIEVED Sample Size: 1/8 to 1/4 inch depth in container	Result
56	1250 1/18/05	UPTAKE SPACE #1 4-106-01-O	ALUMINUM PAINT MMR #4 UPTAKE	<6.3 Mg/Kg
57	1300 1/18/05	MMR #4 5-119-0-E	ALUMINUM PAINT 4A BOILER	<3.8 Mg/Kg
58	1308 1/18/05	MMR #2 4-141-0-Q	ALUMINUM PAINT MMR #2 UPTAKE	<4.2 Mg/Kg
59	1325 1/18/05	AUX #1 7-97-01-E	ALUMINUM PAINT FIREMAIN RELIEF VALVE	<0.50 Mg/Kg
60	1335 1/18/05	#2 CAT EXHAUST VLV 03-64-6-Q	ALUMINUM PAINT THRUST UNIT	3.5 Mg/Kg

Date: 10 JANUARY 2005

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

FIELD BLANKS SAMPLING LOG-IN SHEET (2 Samples required: One after every 30 Samples)				
Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION	Result
FB-61	1435 1/13/05	ANCHOR WINDLASS 1-12-0-E	Field Blank #1 (Taken after sample #30)	ND
FB-62	1342 1/18/05	#2 CAT ELEV EXH VLV	Field Blank #2 (Taken after sample #60)	ND

TOOL BLANKS SAMPLING LOG-IN SHEET (5 Samples required; One after every 10 Solid Samples)				
Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION	Result
TB-63	1527 1/10/05	PASSAGEWAY 3-154-01-L	Tool Check #1 (After sample #10)	<0.50 Mg/Kg
TB-64	1515 1/12/05	PASSAGEWAY 1-225-1-L	Tool Check #2 (After sample #20)	<0.50 Mg/Kg
TB-65	0802 1/18/05	MACHINE SHOP 3-119-6-Q	Tool Check #3 (After sample #40)	<0.50 Mg/Kg
TB-66	1020 1/18/05	PASSAGEWAY 1-39-0-L	Tool Check #4 (After sample #50)	<0.50 Mg/Kg
TB-67	1340 1/18/05	#2 CAT EXH VLV 03-64-6-Q	Tool Check #5 (After sample #60)	<0.50 Mg/Kg

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March 1, 2005

George G. Sharp, Inc.
P.O. Box 4730
Bremerton, WA 98312-0421
Attn: Mike Petronis/Silas Berry

Case Narrative
Client Project: Constellation
Spectra Project: 2005010284

Sixty-seven samples of various matrices were submitted for PCB analysis. The matrices include grease, oil, wipes and various solids such as insulation fibers, rubber materials, and pieces of cable.

The samples are extracted with the appropriate solvent, depending upon the matrix. The solvent is then exchanged with hexane, if necessary, prior to clean-up. The extracts are cleaned up using both sulfuric acid and fluorosil, as needed, prior to injection. The samples are run on a Gas Chromatograph using an Electron Capture Detector. The detection limits for these samples are very much dependent upon sample matrix, sample size, final extract volume, and extract dilution, if necessary.

Client/Spectra Samples #42 and #44 were an insulation-type of material that required dilution of the sample extract and re-analysis in order to determine if a PCB pattern was present. Samples such as these appear to contain a non-PCB interference to which the detector responds, creating one large, off-scale peak. This peak obliterates any PCB pattern which may be present, and thus facilitates re-injection at a greater dilution. The interference in samples such as this is not affected by additional acid and fluorosil clean-up. As a result, it is necessary to report a higher detection limit, even though the sample is non-detect.

Please feel free to call with any questions regarding these results, or if you require any further information regarding these samples.

Sincerely

Steven G. Hibbs
Laboratory Manager

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03/02/2005

George G. Sharp, Inc
P.O. Box 4730
Bremerton, WA 98312-0421
Attn: Mike Petronis/Silas Berry

P.O.#: OMP-05068
Project: Constellation
Date Received: 01/24/2005
Spectra Project: 2005010284

Client ID	Spectra #	Analyte	Result	Units	Method	Matrix	Date Sampled
#1	1	PCB	<0.53	mg/Kg	SW846 8082	Solid	01/10/2005
#2	2	PCB	<2.3	mg/Kg	SW846 8082	Solid	01/10/2005
#3	3	PCB AR1254	20	mg/Kg	SW846 8082	Solid	01/10/2005
#4	4	PCB	<1.2	mg/Kg	SW846 8082	Solid	01/10/2005
#5	5	PCB	<1.1	mg/Kg	SW846 8082	Solid	01/10/2005
#6	6	PCB	<0.17	mg/Kg	SW846 8082	Solid	01/10/2005
#7	7	PCB	<0.19	mg/Kg	SW846 8082	Solid	01/10/2005
#8	8	PCB	<0.21	mg/Kg	SW846 8082	Solid	01/10/2005
#9	9	PCB	<0.10	mg/Kg	SW846 8082	Solid	01/10/2005
#10	10	PCB AR1260	130	mg/Kg	SW846 8082	Solid	01/10/2005
#11	11	PCB	<1.5	mg/Kg	SW846 8082	Solid	01/12/2005
#12	12	PCB	<2.0	mg/Kg	SW846 8082	Solid	01/12/2005
#13	13	PCB	<2.5	mg/Kg	SW846 8082	Solid	01/12/2005
#14	14	PCB	<1.5	mg/Kg	SW846 8082	Solid	01/12/2005

PCB analysis includes arochlors 1016/1242, 1221, 1232, 1248, 1254, 1260, 1262, and 1268.

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Attn: Mike Petronis/Silas Berry

P.O.#: OMP-05068
Project: Constellation
Date Received: 01/24/2005
Spectra Project: 2005010284

Client ID	Spectra #	Analyte	Result	Units	Method	Matrix	Date Sampled
#15	15	PCB	<2.1	mg/Kg	SW846 8082	Solid	01/12/2005
#16	16	PCB	<1.1	mg/Kg	SW846 8082	Solid	01/12/2005
#17	17	PCB	<1.9	mg/Kg	SW846 8082	Solid	01/12/2005
#18	18	PCB	<1.2	mg/Kg	SW846 8082	Solid	01/12/2005
#19	19	PCB	<1.3	mg/Kg	SW846 8082	Solid	01/12/2005
#20	20	PCB	<1.4	mg/Kg	SW846 8082	Solid	01/12/2005
#21	21	PCB	<1.0	mg/Kg	SW846 8082	Oil	01/13/2005
#22	22	PCB	<1.0	mg/Kg	SW846 8082	Oil	01/13/2005
#23	23	PCB	<1.0	mg/Kg	SW846 8082	Oil	01/13/2005
#24	24	PCB	<1.0	mg/Kg	SW846 8082	Oil	01/13/2005
#25	25	PCB	<1.0	mg/Kg	SW846 8082	Oil	01/13/2005
#26	26	PCB	<1.0	mg/Kg	SW846 8082	Grease	01/13/2005
#27	27	PCB	<1.0	mg/Kg	SW846 8082	Solid	01/13/2005

PCB analysis includes arochlors 1016/1242, 1221, 1232, 1248, 1254, 1260, 1262, and 1268.

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P.O.#: OMP-05068
Project: Constellation
Date Received: 01/24/2005
Spectra Project: 2005010284

Client ID	Spectra #	Analyte	Result	Units	Method	Matrix	Date Sampled
#28	28	PCB	<1.0	mg/Kg	SW846 8082	Solid	01/13/2005
#29	29	PCB	<1.0	mg/Kg	SW846 8082	Solid	01/13/2005
#30	30	PCB	<1.0	mg/Kg	SW846 8082	Solid	01/13/2005
#31	31	PCB	<0.63	mg/Kg	SW846 8082	Solid	01/13/2005
#32	32	PCB AR1254	21	mg/Kg	SW846 8082	Solid	01/13/2005
#33	33	PCB	<2.2	mg/Kg	SW846 8082	Solid	01/14/2005
#34	34	PCB	<1.7	mg/Kg	SW846 8082	Solid	01/14/2005
#35	35	PCB	<0.72	mg/Kg	SW846 8082	Solid	01/14/2005
#36	36	PCB	<2.8	mg/Kg	SW846 8082	Solid	01/14/2005
#37	37	PCB AR1254	11	mg/Kg	SW846 8082	Solid	01/14/2005
#38	38	PCB	<1.4	mg/Kg	SW846 8082	Solid	01/14/2005
#39	39	PCB	<1.0	mg/Kg	SW846 8082	Solid	01/14/2005
#40	40	PCB	<0.11	mg/Kg	SW846 8082	Solid	01/14/2005
#41	41	PCB AR1254	250	mg/Kg	SW846 8082	Solid	01/18/2005

PCB analysis includes arochlors 1016/1242, 1221, 1232, 1248, 1254, 1260, 1262, and 1268.

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Attn: Mike Petronis/Silas Berry

P.O.#: OMP-05068
Project: Constellation
Date Received: 01/24/2005
Spectra Project: 2005010284

Client ID	Spectra #	Analyte	Result	Units	Method	Matrix	Date Sampled
#42	42	PCB	<100	mg/Kg	SW846 8082	Solid	01/18/2005
#43	43	PCB	<0.34	mg/Kg	SW846 8082	Solid	01/18/2005
#44	44	PCB	<140	mg/Kg	SW846 8082	Solid	01/18/2005
#45	45	PCB	<0.83	mg/Kg	SW846 8082	Solid	01/18/2005
#46	46	PCB	<0.81	mg/Kg	SW846 8082	Solid	01/18/2005
#47	47	PCB	<1.1	mg/Kg	SW846 8082	Solid	01/18/2005
#48	48	PCB	<0.80	mg/Kg	SW846 8082	Solid	01/18/2005
#49	49	PCB	<1.3	mg/Kg	SW846 8082	Solid	01/18/2005
#50	50	PCB	<0.08	mg/Kg	SW846 8082	Solid	01/18/2005
#51	51	PCB AR1254	13	mg/Kg	SW846 8082	Solid	01/18/2005
#52	52	PCB	<2.5	mg/Kg	SW846 8082	Solid	01/18/2005
#53	53	PCB	<5.0	mg/Kg	SW846 8082	Solid	01/18/2005
#54	54	PCB	<0.31	mg/Kg	SW846 8082	Solid	01/18/2005

PCB analysis includes arochlors 1016/1242, 1221, 1232, 1248, 1254, 1260, 1262, and 1268.

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P.O.#: OMP-05068
Project: Constellation
Date Received: 01/24/2005
Spectra Project: 2005010284

Client ID	Spectra #	Analyte	Result	Units	Method	Matrix	Date Sampled
#55	55	PCB	<0.63	mg/Kg	SW846 8082	Solid	01/18/2005
#56	56	PCB	<6.3	mg/Kg	SW846 8082	Solid	01/18/2005
#57	57	PCB	<3.8	mg/Kg	SW846 8082	Solid	01/18/2005
#58	58	PCB	<4.2	mg/Kg	SW846 8082	Solid	01/18/2005
#59	59	PCB	<0.50	mg/Kg	SW846 8082	Solid	01/18/2005
#60	60	PCB AR1254	3.5	mg/Kg	SW846 8082	Solid	01/18/2005
FB-61	61	PCB	ND		SW846 8082	Field Blank	01/18/2005
FB-62	62	PCB	ND		SW846 8082	Field Blank	01/18/2005
TB-63	63	PCB	<0.50	ug/Wipe	SW846 8082	Wipe	01/10/2005
TB-64	64	PCB	<0.50	ug/Wipe	SW846 8082	Wipe	01/12/2005
TB-65	65	PCB	<0.50	ug/Wipe	SW846 8082	Wipe	01/18/2005
TB-66	66	PCB	<0.50	ug/Wipe	SW846 8082	Wipe	01/18/2005
TB-67	67	PCB	<0.50	ug/Wipe	SW846 8082	Wipe	01/18/2005

PCB analysis includes arochlors 1016/1242, 1221, 1232, 1248, 1254, 1260, 1262, and 1268.

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March 3, 2005

George G. Sharp, Inc.
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EPA Method: 8082
Sample Matrix: Oil
Spectra Project: 2005010284
Applies to Spectra #'s 21 - 30

PCB ANALYSIS
QUALITY CONTROL RESULTS

MS/MSD

Spiked Sample: 020290-1
Units: mg/Kg

Date Extracted: 2-23-05
Date Analyzed: 2-23-05

	Sample Result	Spike Amount	Spike Result	% Recovery	Dup. Result	Dup. Recovery	% RPD
Type 1232	<1.0	20.0	18.0	90	20.0	100	11

METHOD BLANK

Date Extracted: 2-23-05

Date Analyzed: 2-23-05

PCB's, mg/Kg <1.0

Surrogate Recovery:

Decachlorobiphenyl 59%

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Steven G. Hibbs, Laboratory Manager

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March 3, 2005

George G. Sharp, Inc.
PO Box 4730
Bremerton, WA 98312-0421

EPA Method: 8082
Sample Matrix: Solid
Spectra Project: 2005010284
Applies to Spectra #'s 1 - 20

PCB ANALYSIS
QUALITY CONTROL RESULTS

MS/MSD

Spiked Sample: Method Blank
Units: mg/Kg

Date Extracted: 2-25-05
Date Analyzed: 2-25-05

	Sample Result	Spike Amount	Spike Result	% Recovery	Dup. Result	Dup. Recovery	% RPD
Type 1262	<0.01	0.17	0.16	94	0.15	88	6

METHOD BLANK

Date Extracted: 2-25-05

Date Analyzed: 2-25-05

PCB's, mg/Kg <0.01

Surrogate Recovery:

Decachlorobiphenyl 111%

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Steven G. Hibbs, Laboratory Manager

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March 3, 2005

George G. Sharp, Inc.
PO Box 4730
Bremerton, WA 98312-0421

EPA Method: 8082
Sample Matrix: Solid
Spectra Project: 2005010284
Applies to Spectra #'s 31 - 50

PCB ANALYSIS
QUALITY CONTROL RESULTS

MS/MSD

Spiked Sample: Method Blank
Units: mg/Kg

Date Extracted: 2-25-05
Date Analyzed: 2-25-05

	Sample Result	Spike Amount	Spike Result	% Recovery	Dup. Result	Dup. Recovery	% RPD
Type 1260	<0.01	0.17	0.17	100	0.17	98	2

METHOD BLANK

Date Extracted: 2-25-05

Date Analyzed: 2-25-05

PCB's, mg/Kg <0.01

Surrogate Recovery:

Decachlorobiphenyl 99%

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Steven G. Hibbs, Laboratory Manager

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March 3, 2005

George G. Sharp, Inc.
PO Box 4730
Bremerton, WA 98312-0421

EPA Method: 8082
Sample Matrix: Solid
Spectra Project: 2005010284
Applies to Spectra #'s 51 - 60

PCB ANALYSIS
QUALITY CONTROL RESULTS

MS/MSD

Spiked Sample: Method Blank
Units: mg/Kg

Date Extracted: 2-28-05
Date Analyzed: 2-28-05

	Sample Result	Spike Amount	Spike Result	% Recovery	Dup. Result	Dup. Recovery	% RPD
Type 1260	<0.01	0.33	0.34	103	0.32	97	6

METHOD BLANK

Date Extracted: 2-28-05

Date Analyzed: 2-28-05

PCB's, mg/Kg <0.01

Surrogate Recovery:

Decachlorobiphenyl 99%

SPECTRA LABORATORIES, INC.

Steven G. Hibbs, Laboratory Manager

SPECTRA Laboratories

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March 3, 2005

George G. Sharp, Inc.
PO Box 4730
Bremerton, WA 98312-0421

EPA Method: 8082
Sample Matrix: Wipes
Spectra Project: 2005010284
Applies to Spectra #'s 61 - 67

PCB ANALYSIS
QUALITY CONTROL RESULTS

MS/MSD

Spiked Sample: Method Blank
Units: ug/wipe

Date Extracted: 1-14-05
Date Analyzed: 1-14-05

	Sample Result	Spike Amount	Spike Result	% Recovery	Dup. Result	Dup. Recovery	% RPD
Type 1262	<0.50	10.00	10.30	103	10.20	102	1

METHOD BLANK

Date Extracted: 2-9-05

Date Analyzed: 2-9-05

PCB's, ug/wipe <0.50

Surrogate Recovery:

Decachlorobiphenyl 102%

SPECTRA LABORATORIES, INC.

Steven G. Hibbs, Laboratory Manager

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

ADDENDUM TO POLYCHLORINATED BIPHENYL SAMPLING AND ANALYSIS REPORT **of Date: 01/10/2005**

Subj:... PCB SAMPLING AND ANALYSIS SURVEY FOR: **EX-CONSTELLATION**

Ref: (a)COMNAVSEASYSCOM WASHINGTON DC ltr 4770 Ser 00T/2408 of 21 Sep 95 (Subj: NAVSEA PCB Advisory 95-1)

1. The following samples were retaken to meet the requirements of reference (a): Samples # 6-10, 12-20, 31-34, 41-42 and TB-63, 64 & 67 and FB-62

14	Samples of ELECTRICAL CABLE were taken
4	Samples of VENTILATION DUCT GASKETS were taken.
2	Samples of BULKHEAD INSULATION were taken
4	Quality Control Samples (FIELD BLANKS and TOOL CHECKS) were taken.

O. OLIVER **J. PORTER** **B. ROSE** **B. FERGUSON**

SAMPLER(S) SAMPLER(S)

Attachment (A)

Date: 09 NOVEMBER 2005

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

ELECTRICAL CABLING SAMPLING LOG-IN SHEET (14 Samples required)					
Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION OF CABLE (Size, Color, Manufacturer, MIL-SPEC, etc) Sample Size: 2.5 inches	Cable Year	Result
6	0805 11/8/05	FLAG PLOT 08-141-1-C	3/8" ARMORED CABLE BLACK	UNK	<30 Mg/Kg
7	0825 11/8/05	TACAN 05-146-3-Q	½: ARMORED CABLE BLACK	UNK	<300 Mg/Kg
8	0840 11/8/05	FAN ROOM 03-39-1-Q	½" ARMORED CABLE BLACK	UNK	<450 Mg/Kg
9	0915 11/8/05	P-WAY 03-119-2-L	½" ARMORED CABLE BLACK	UNK	<580 Mg/Kg
10	0930 11/8/05	P-WAY 03-172-2-L	¾" ARMORED CABLE BLACK	UNK	<300 Mg/Kg
12	0950 11/8/05	MAA OFFICE 01-177-1-Q	½" ARMORED CABLE BLACK	UNK	<50 Mg/Kg
13	1008 11/8/05	P-WAY 01-150-1-L	½" ARMORED CABLE BLACK	UNK	<9.0 Mg/Kg
14	1025 11/8/05	P-WAY 1-29-0-L	½" ARMORED CABLE BLACK	UNK	<63 Mg/Kg
15	1230 11/8/05	HANGAR BAY 1-59-0-Q	½" ARMORED CABLE BLACK FR 71 PORT	UNK	<70 Mg/Kg
16	1245 11/8/05	HANGAR BAY 1-59-0-Q	½" ARMORED CABLE BLACK FR 99 PORT	UNK	<29 Mg/Kg
17	1300 11/8/05	P-WAY 1-210-1-L	½" ARMORED CABLE BLACK	UNK	<450 Mg/Kg

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

18	1315 11/8/05	FAN ROOM 2-124-2-Q	½" ARMORED CABLE BLACK	UNK	<450 Mg/Kg
19	1330 11/8/05	AUX #2 7-132-0-E	½" ARMORED CABLE BLACK U/L FR 137 PORT	UNK	<14 Mg/Kg
20	1400 11/8/05	MMR #3 7-154-0-E	½" ARMORED CABLE BLACK U/L FR 166 STBD	UNK	<33 Mg/Kg

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

VENTILATION GASKET SAMPLING LOG-IN SHEET 4 Samples Required				
Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION OF VENTILATION GASKET (Rubber/Wool Felt, etc Sample Size: 2 inch Strip)	Result
31	1415 11/8/05	STBD 2-173-3-Q	WOOL FELT	<12 Mg/Kg
32	1428 11/8/05	P-WAY	WOOL FELT	<10 Mg/Kg
33	1440 11/8/05	CREWS GALLEY 2-69-1-Q	WOOL FELT FR 77	<27 Mg/Kg
34	1450 11/8/05	CREWS GALLEY 2-69-1-Q	WOOL FELT FR 71	<11 Mg/Kg

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

BULKHEAD INSULATION SAMPLING LOG-IN SHEET (2 Samples Required)				
Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION OF INSULATION (Type, Color, Etc. Sample Size: 2.5 X 1/2 inch)	Result
41	0725 11/9/05	DISBURSING OFFICE 2-142-1-Q	YELLOW FIBERGLASS BLKHD/ACOUSTICAL	<240 Mg/Kg
42	0740 11/9/05	FAN ROOM 2-113-1-Q	YELLOW FIBERGLASS BLKHD/ACOUSTICAL	<12 Mg/Kg

Date: 09 NOVEMBER 2005

Vessel Name and Hull Number: EX-CONSTELLATION (CV-64)

FIELD BLANKS SAMPLING LOG-IN SHEET (1 Samples required: One after every 30 Samples)				
Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION	Result
FB-62	0743 11/9/05	FAN ROOM 2-113-1-Q	Field Blank #2 (Taken after sample #42)	ND

TOOL BLANKS SAMPLING LOG-IN SHEET (3 Samples required; One after every 10 Solid Samples)				
Smpl No.	Smpl Time	Location (Compartment Name/Number)	DESCRIPTION	Result
TB-63	0933 11/8/05	PASSAGEWAY 03-172-3-L	Tool Check #1 (After sample #10)	<0.20 Mg/Kg
TB-64	1405 11/8/05	MMR #3 7-154-0-E	Tool Check #2 (After sample #20)	<0.20 Mg/Kg
TB-67	0744 11/9/05	FAN ROOM 2-113-1-Q	Tool Check #5 (After sample #42)	<0.20 Mg/Kg

SPECTRA Laboratories

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February 8, 2006

George G. Sharp, Inc.
P.O. Box 4730
Bremerton, WA 98312-0421
Attn: Dave Hesson/Silas Berry

Case Narrative
Client Project: Ex-Constellation
Spectra Project: 2006010191

Twenty-four samples of various matrices were submitted for PCB analysis. The matrices include wipes and various solids such as insulation fibers, rubber, and felt materials.

The samples are extracted with the appropriate solvent, depending upon the matrix. The solvent is then exchanged with hexane, if necessary, prior to clean-up. The extracts are cleaned up using both sulfuric acid and fluorosil, as needed, prior to injection. The samples are run on a Gas Chromatograph using an Electron Capture Detector. The detection limits for these samples are very much dependent upon sample matrix, sample size, final extract volume, and extract dilution, if necessary.

Client samples #7,8,9,10,12,14,15,17,18, and 41 required dilutions of the sample extract and re-analysis in order to determine if a PCB pattern was present. Samples such as these appear to contain a non-PCB interference to which the detector responds, creating one large, off-scale peak. This peak obliterates any PCB pattern which may be present, and thus facilitates re-injection at a greater dilution. The interference in samples such as this is not affected by additional acid and fluorosil clean-up. As a result, it is necessary to report a higher detection limit, even though the sample is non-detect.

Please feel free to call with any questions regarding these results, or if you require any further information regarding these samples.

Sincerely

Steven G. Hibbs
Laboratory Manager

SPECTRA Laboratories

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02/08/2006

George G. Sharp, Inc
P.O. Box 4730
Bremerton, WA 98312-0421
Attn: Dave Hesson/Silas Berry

P.O.#: OMP-06041
Project: Ex-Constellation
Date Received: 01/13/2006
Spectra Project: 2006010191

Client ID	Spectra #	Analyte	Result	Units	Method	Matrix	Date Sampled
#6	1	PCB	<30	mg/Kg	SW846 8082	Solid	11/08/2005
#7	2	PCB	<300	mg/Kg	SW846 8082	Solid	11/08/2005
#8	3	PCB	<450	mg/Kg	SW846 8082	Solid	11/08/2005
#9	4	PCB	<580	mg/Kg	SW846 8082	Solid	11/08/2005
#10	5	PCB	<300	mg/Kg	SW846 8082	Solid	11/08/2005
#12	6	PCB	<50	mg/Kg	SW846 8082	Solid	11/08/2005
#13	7	PCB	<9.0	mg/Kg	SW846 8082	Solid	11/08/2005
#14	8	PCB	<63	mg/Kg	SW846 8082	Solid	11/08/2005
#15	9	PCB	<70	mg/Kg	SW846 8082	Solid	11/08/2005
#16	10	PCB	<29	mg/Kg	SW846 8082	Solid	11/08/2005
#17	11	PCB	<450	mg/Kg	SW846 8082	Solid	11/08/2005
#18	12	PCB	<450	mg/Kg	SW846 8082	Solid	11/08/2005
#19	13	PCB	<14	mg/Kg	SW846 8082	Solid	11/08/2005
#20	14	PCB	<33	mg/Kg	SW846 8082	Solid	11/08/2005

PCB analysis includes arochlors 1221, 1232, 1016/1242, 1248, 1254, 1260, 1262, and 1268.

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager
a8/gma

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02/08/2006

George G. Sharp, Inc
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Bremerton, WA 98312-0421
Attn: Dave Hesson/Silas Berry

P.O.#: OMP-06041
Project: Ex-Constellation
Date Received: 01/13/2006
Spectra Project: 2006010191

Client ID	Spectra #	Analyte	Result	Units	Method	Matrix	Date Sampled
#31	15	PCB	<12	mg/Kg	SW846 8082	Solid	11/08/2005
#32	16	PCB	<10	mg/Kg	SW846 8082	Solid	11/08/2005
#33	17	PCB	<27	mg/Kg	SW846 8082	Solid	11/08/2005
#34	18	PCB	<11	mg/Kg	SW846 8082	Solid	11/08/2005
#41	19	PCB	<240	mg/Kg	SW846 8082	Solid	11/09/2005
#42	20	PCB	<12	mg/Kg	SW846 8082	Solid	11/09/2005
#FB-62	21	PCB	ND		SW846 8082	Field Blank	11/09/2005
#TB-63	22	PCB	<0.20	ug/Wipe	SW846 8082	Wipe	11/08/2005
#TB-64	23	PCB	<0.20	ug/Wipe	SW846 8082	Wipe	11/08/2005
#TB-65	24	PCB	<0.20	ug/Wipe	SW846 8082	Wipe	11/09/2005

PCB analysis includes arochlors 1221, 1232, 1016/1242, 1248, 1254, 1260, 1262, and 1268.

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Steve Hibbs, Laboratory Manager
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February 8, 2006

George G. Sharp, Inc.
P.O. Box 4730
Bremerton, WA 98312-0421
Attn: Dave Hesson/Silas Berry

Method: EPA Method 8082
Sample Matrix: Solid
Units: mg/Kg
Spectra Project: 2006010191
Applies to Spectra #'s 1-10

PCB ANALYSIS
QUALITY CONTROL RESULTS

MS/MSD

Spiked Sample: Method Blank

Date Extracted: 2/3/2006
Date Analyzed: 2/4/2006

Compound	Sample Result	Spike Amount Added	Spike Amount Found	Percent Recovery	Dup. Spike Amount Found	Percent Recovery	RPD
AR1260	< 0.01	0.15	0.11	71	0.11	75	5

METHOD BLANK

Date Extracted: 2/3/2006

Date Analyzed: 2/4/2006

PCB's <0.01

Surrogate Percent Recoveries:

Decachlorobiphenyl 82%

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Steven G. Hibbs, Laboratory Manager

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February 8, 2006

George G. Sharp, Inc.
P.O. Box 4730
Bremerton, WA 98312-0421
Attn: Dave Hesson/Silas Berry

Method: EPA Method 8082
Sample Matrix: Solid
Units: mg/Kg
Spectra Project: 2006010191
Applies to Spectra #'s 11-20

PCB ANALYSIS
QUALITY CONTROL RESULTS

MS/MSD

Spiked Sample: Method Blank

Date Extracted: 2/3/2006
Date Analyzed: 2/4/2006

Compound	Sample Result	Spike Amount Added	Spike Amount Found	Percent Recovery	Dup. Spike Amount Found	Percent Recovery	RPD
AR1260	< 0.01	0.15	0.11	73	0.11	76	4

METHOD BLANK

Date Extracted: 2/3/2006

Date Analyzed: 2/4/2006

PCB's <0.01

Surrogate Percent Recoveries:

Decachlorobiphenyl 72%

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Steven G. Hibbs, Laboratory Manager

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February 8, 2006

George G. Sharp, Inc.
P.O. Box 4730
Bremerton, WA 98312-0421
Attn: Dave Hesson/Silas Berry

Method: EPA Method 8082
Sample Matrix: Wipe
Units: ug/wipe
Spectra Project: 2006010191
Applies to Spectra #'s 21-24

PCB ANALYSIS
QUALITY CONTROL RESULTS

MS/MSD

Spiked Sample: Method Blank

Date Extracted: 1/18/2006
Date Analyzed: 1/18/2006

Compound	Sample Result	Spike Amount Added	Spike Amount Found	Percent Recovery	Dup. Spike Amount Found	Percent Recovery	RPD
AR1260	0.00	2.00	1.72	86	1.68	84	2

METHOD BLANK

Date Extracted: 2/3/2006

Date Analyzed: 2/6/2006

PCB's <0.20

Surrogate Percent Recoveries:

Decachlorobiphenyl 72%

SPECTRA LABORATORIES

Steven G. Hibbs, Laboratory Manager

SHIP: CONSTELLATION
DATE: 20 MARCH 2006
PAGE: 1 OF 1

ACTIVITY NISMF BREMERTON PCB INVENTORY YEAR ENDING

(1) ITEM	(2) EQUIPMENT ID NUMBER	(3) QUANTITY	(4) CABINET	(5) STATUS	(6) LOCATION COMPARTMENT	(7) SERIAL	(8) KG	(9) REMARKS
CAPACITOR	AN/SWW-1D	4	1	1	4-92-0-Q	001-004	.774	
FILTER	ALARM SWBD IC/SM	1	2	1	3-116-4-Q	005	.040	
FILTER	GYRO COMPASS	3	3	1	4-87-0-E	006-008	.261	
FILTER	GYRO COMPASS	3	4	1	4-154-2-E	009-011	.261	

TOTAL THIS PAGE	1.336 Kg.

SHIP: CONSTELLATION ACTIVITY NISMF BREMERTON PCB INVENTORY YEAR ENDING

SUMMARY	NUMBER OF: 11			QUANTITY OF: 1.336 KG.		
	TRANSFORMER & FILTERS	CAPACITORS	CONTAINER	TRANSFORMER & FILTERS	CAPACITOR	CONTAINER
In-Service						
Stored for Use						
Stored for Disposal						
Disposed	7	4	1- 5 GAL CAN	. 562	.774	1- 5 GAL CAN

REQUIREMENTS CHECKLIST FOR PREPARING EX-CONSTELLATION (CV-64) FOR SINKEX:

Large PCB Transformer and Capacitor Removal Certification

In accordance with the EPA letter of 2 Aug 99, I certify that all Large PCB Transformers, PCB-Contaminated Transformers, and PCB Capacitors (3 lbs. or more of dielectric fluid) have been removed.

Such transformers and capacitors have been identified by inspecting the ship against the Naval Surface Warfare Center, Carderock Division, Annapolis listing of equipment containing PCB transformers and large capacitors. Additionally, a walk-through has been conducted to identify any other equipment which may contain PCB transformers and/or large capacitors and these items have been removed.

No large capacitors and filters were found or removed.

Activity performing removals:

Date performed: N/A

Signature:	G. M. Musick III	S. Berry	H. Ehlert
Title:	Project Mgr.	Safety Mgr	QA Specialist

A signed copy of this certification sheet must be provided to PEOSHIPS PMS333 for verification that all actions are complete.

REQUIREMENTS CHECKLIST FOR PREPARING EX-CONSTELLATION (CV-64) FOR SINKEX:

Small PCB Transformer and Capacitor Removal Certification

In accordance with the EPA letter of 2 Aug 99, I certify that reasonable efforts have been made to remove PCB transformers and capacitors containing less than 3 lbs. of dielectric fluids. Reasonable efforts include the removal of transformers and capacitors from electrical and control panels by wire or bolt cutters or a screwdriver.

Note: Small transformers and capacitors do not have drain plugs. Do not break open small transformers and capacitors to determine if they contain PCB dielectric fluids. The Naval Surface Warfare Center, Carderock Division, Annapolis listing of equipment containing PCB transformers and capacitors shall be used to identify equipment on board. Any such equipment which also contains small transformers and capacitors, such transformers and capacitors shall be assumed to be PCB transformers and capacitors and shall be removed.

Activity performing capacitor removals:
NISMO BREMERTON WA/GEORGE G. SHARP. INC.

Date performed: **20 MARCH 2006**

Signature:	G. M. Musick III	S. Berry	H. Ehlert
Title:	Project Mgr.	Safety Mgr	QA Specialist

A signed copy of this certification sheet must be provided to PEOSHIPS PMS333 for verification that all actions are complete.

ex-CONSTELLATION (CV-64) PCB Inventory of Liquid Filled Transformers, Capacitors and Filters

ITEM	Equipment Description	Qty	Status	Location	Remarks
Capacitor, Small	AN/SWW-1D	4	Removed	4-92-0-Q	
Filter, Small	Alarm Swbd IC/SM	1	Removed	4-92-0-Q	
Filter, Small	Gyro Compass	3	Removed	4-92-0-Q	
Filter, Small	Gyro Compass	3	Removed	4-92-0-Q	

REQUIREMENTS CHECKLIST FOR PREPARING EX-CONSTELLATION (CV-64) FOR SINKEX:

PCB Equipment Draining Certification

In accordance with the EPA letter of 2 Aug 99, I certify that all hydraulic equipment, heat transfer equipment, high/low pressure systems, cutting power machinery which uses cooling or cutting oil, and containers containing liquid PCBs at ≥50 ppm have been drained and flushed. All hydraulic fluids from all systems have been tested for PCB concentrations and drained and disposed of in accordance with NSTM Chapter 050, section 9.

Note: No PCB Equipment from this ship was drained, all PCB Equipment removed.

Activity performing equipment draining:

Date performed: N/A

Signature:	G. M. Musick III	S. Berry	H. Ehlert
Title:	Project Mgr.	Safety Mgr	QA Specialist

A signed copy of this certification sheet must be provided to PEOSHIPS PMS333 for verification that all actions are complete.

REQUIREMENTS CHECKLIST FOR PREPARING EX-CONSTELLATION (CV-64) FOR SINKEX:

Detachable Non-liquid PCB Item Removal Certification

In accordance with the EPA letter of 2 Aug 99, I certify that non-liquid PCB items have been removed to the extent practicable.

Note: As defined in the EPA letter of 2 Aug 99, all air handling system gaskets, rubber, plastic, dried applied paint that is flaked-off, electrical cable insulation, and other non-liquid coatings and material which have been found to contain PCBs or may contain PCBs are not required to be removed if (a) equipment must be disassembled or removed for access to the objects, (b) if the objects must be removed by heat, chemical stripping, scraping, abrasive blasting or similar process, or (c) if removal would endanger human safety or health even when conducted with protective equipment and reasonable safety measures. Such materials that are in their installed locations are considered not capable of practicable removal. Such materials that are not in their installed locations (such as spares) are capable of practicable removal and shall be removed, provided they do not threaten the structural integrity of the EX-CONSTELLATION (CV-64) or impede the SINKEX.

Note: No detachable Non-liquid PCB Items found or removed from this ship.

Activity performing removals:

Date performed: N/A

Signature:	G. M. Musick III	S. Berry	H. Ehlert
Title:	Project Mgr.	Safety Mgr	QA Specialist

A signed copy of this certification sheet must be provided to PEOSHIPS PMS333 for verification that all actions are complete.

REQUIREMENTS CHECKLIST FOR PREPARING EX-CONSTELLATION (CV-64) FOR SINKEX:

PCB Disposal Certification

In accordance with the EPA letter of 2 Aug 99, I certify that all removed PCBs and items containing PCBs have been disposed of in accordance with the PCB regulations.

NISMO BREMERTON WA/GEORGE G. SHARP, INC.

Date performed: **23 March 2006**

Signature:	G. M. Musick III	S. Berry	H. Ehlert
Title:	Project Mgr.	Safety Mgr	QA Specialist

A signed copy of this certification sheet must be provided to PEOSHIPS PMS333 for verification that all actions are complete.

REQUIREMENTS CHECKLIST FOR PREPARING EX-CONSTELLATION (CV-64) FOR SINKEX:

PCB Estimation Certification

In accordance with the U.S. Navy/EPA SINKEX Agreement, based on the results of the sampling, I have calculated the estimated weight of PCBs in felt gaskets on board the EX-CONSTELLATION (CV-64).

Activity performing ventilation duct count:
NISMO BREMERTON WA/GEORGE G. SHARP, INC.

Date performed: **13 JANUARY 2006**

Number of ventilation duct flanges onboard: **12,540**
Number of ventilation duct flanges containing wool felt: **3,761**

Signature:	G. M. Musick III	S. Berry	H. Ehlert
Title:	Project Mgr.	Safety Mgr	QA Specialist

Activity performing calculations:

Date performed:

Estimated weight of PCBs in felt gaskets onboard: (lbs)

Signature:

Title:

A signed copy of this certification sheet must be provided to PEOSHIPS PMS333 for verification that all actions are complete in accordance with the SINKEX agreement.

ex-CONSTELLATION (CV-64) Count of Ventilation Duct Flanges 13 Jan 06

Total Gaskets	12,540
Felt	3,761
Percentage containing Felt	29.99%

REQUIREMENTS CHECKLIST FOR PREPARING
EX- "CONSTELLATION" FOR SINKEX:

FUEL TANKS AND LINES, DRAINING AND FLUSHING CERTIFICATION

In accordance with the requirements of the General Permit under the Marine Protection, Research and Sanctuaries Act, I certify that the EX-Constellation is essentially petroleum free. All fuel tanks and fuel lines have been emptied to the lowest point practicable, flushed with water, and again emptied to the lowest point practicable so that tanks and lines are essentially free of petroleum. All hydraulic fluids from all systems have been drained and disposed of, but not required to be flushed unless sampling results indicate PCB concentrations ≥50 ppm. Certification by a marine chemist that such tanks and lines have been gas-freed is acceptable.

Activity performing draining and flushing: PUGET SOUND NAVAL SHIPYARD AND INTERMEDIATE MAINTENANCE FACILITY

Date performed: 09 December 2004

Signature: Clark N. Ingulsrud * CLARK N. INGULSRUD | RAYMOND PORTER

Title: Assistant Project Superintendent | Government Q/A Specialists

* IAW Ref a. Avail. E 64 integrated work package

A signed copy of this certification sheet must be provided to NAVSEA PMS 333 for verification that all actions are complete.

REQUIREMENTS CHECKLIST FOR PREPARING EX-CONSTELLATION (CV-64) FOR SINKEX:

REFRIGERANT REMOVAL CERTIFICATION

In accordance with the requirements and procedures set forth in 40 CFR 82.156, I certify that refrigerant from all refrigerating systems including self-contained unitary systems has been recovered by an EPA-certified technician using certified refrigerant recovery equipment.

Activity performing removals: **MAYDA & SONS MECHANICAL**

Date performed: **14 JUNE 2006**

Signature:	G. M. Musick III	S. Berry	H. Ehlert
Title:	Project Mgr.	Safety Mgr	QA Specialist

A signed copy of this certification sheet must be provided to PEOSHIPS PMS 333 for verification that all actions are complete.