

BRIDGE LOG

VESSEL: TOMMY MUNRO CRUISE: 963

REMARKS: 10/21-25/96 FALL GROUND FISH CRUISE
CHBORO GYLLS LOST - FREEZER SHUT DOWN

STATION NO. PAS./SEAMAP	DATE MMDDYY	TIME ON STATION		LATITUDE START/END	LONGITUDE START/END	DEPTH (FM) START/END	PRIMARY GEAR		OTHER GEARS USED	BONGO IN/OUT	NEUSTON IN/OUT	VESSEL SPD/C.C.	OTHER DATA COLLECTED (✓)										
		PO/DO	PU/OD				SIZE	TYPE					SHRIMP L/F	GEN. L/F	ENV.	SAL	DO	CL	ICH.	OTHER			
17001	10/21/96		0738	2923.25	8851.70	12.0	40	ST	BC OY TF			3.0											
ED12			0727	2922.91	8851.13	13.0			SA							✓	✓	✓	✓				TEMP
17002	"		1001	2929.33	8838.11	20.0	"	"	BC OY TF			3.0											
ED20			0944	2928.67	8837.69	22.0			SA							✓	✓	✓	✓				"
17003	"		1146	2929.92	8838.18	19.0	"	"	BC OY TF			3.0											
ED19			1136	2929.70	8837.69	20.0			SA							✓	✓	✓	✓				"
17004	"		1320	2929.91	8839.72	16.0	"	"	BC OY TF			3.0											
ED16			1310	2929.61	8839.36	17.0			SA							✓	✓	✓	✓				"
17005	"		1636	2936.46	8858.70	3.0	"	"	BC OY TF			3.0											
ED003			1626	2936.23	8858.18	4.0			SA							✓	✓	✓	✓				"
17006	"		1826	2936.29	8852.42	6.0	"	"	BC OY TF			3.0											
ED06			1741	2934.65	8850.78	7.0			SA							✓	✓	✓	✓				"
17007	"		2057	2927.16	8844.95	13.0	"	"	BC OY TF			3.0											
EN13			2047	2926.98	8844.50	14.0			SA							✓	✓	✓	✓				"
17008	"		2219	2930.99	8840.72	12.0	"	"	BC OY TF			3.0											
EN12			2209	2930.78	8840.22	13.0			SA							✓	✓	✓	✓				"
17009	10/22/96		0053	2945.55	8851.52	3.0	"	"	BC OY TF			3.0											
EN03			0043	2945.59	8850.89	4.0			SA							✓	✓	✓	✓				"
17010	"		0357	2948.58	8832.94	15.0	"	"	BC OY TF			3.0											
EN15			0325	2948.50	8831.51	16.0			SA							✓	✓	✓	✓				"

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		PO/DO	PU/OD				SIZE	TYPE	BONGO IN/OUT	NEUSTON IN/OUT	VESSEL SPD/C.C.	SHRIMP L/F	GEN. L/F	ENV.	SAL	DO	CL	ICH.	OTHER				
17011	10/22/96		0621	2953.75	8844.11	10.0	40	ST	BC	OY	TF												
EN10		0553		2957.02	8839.58	11.0			SA														
17012	"		0821	2950.44	8840.14	11.0	"	"	BC	OY	TF												
ED11		0741		2949.87	8838.30	12.0			SA														
17013	10/23/96		1907	3014.23	8845.80	2.0	"	"	BC	OY	TF												
EN02		1857		3013.87	8845.48	3.0			SA														
17014	"		2108	3012.29	8831.92	4.0	"	"	BC	OY	TF												
EN04		2058		3011.91	8832.35	5.0			SA														
17015	"		2314	3005.93	8829.69	9.0	"	"	BC	OY	TF												
EN09		2241		3004.47	8830.31	10.0			SA														
17016	10/24/96		0122	3007.16	8836.95	8.0	"	"	BC	OY	TF												
EN08		0057		3005.90	8836.92	9.0			SA														
17017	"		0332	3004.20	8848.84	6.0	"	"	BC	OY	TF												
EN06		0302		3003.78	8848.38	6.5			SA														
17018	"		0459	2957.94	8846.44	6.0	"	"	BC	OY	TF												
EN005		0444		2957.68	8847.19	5.0			SA														
17019	"		0610	2956.96	8844.43	8.0	"	"	BC	OY	TF												
EN07		0543		2956.80	8845.83	7.0			SA														
17020	"		0756	2947.96	8845.89	7.0	"	"	BC	OY	TF												
ED07		0735		2947.36	8844.93	8.0			SA														

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		PO/DO	PU/OD				SIZE	TYPE	SHRIMP L/F					GEN. L/F	ENV.	SAL	DO	CL	ICH.	OTHER				
17021	10/24/96		1015	2935.24	8834.08	17.0	40	ST	BC	OY	SA			3.0										
ED17		1005		2935.20	8833.52	18.0			TF															
17022	"		1153	2929.96	8830.22	26.0		PN	NN	BC	OY												TEMP	
B179		1120		2929.96	8830.22	26.0			SA	TF														
17023	"		1353	2936.87	8827.20	22.0	40	ST	BC	OY	SA			3.0										
ED21		1313		2935.32	8827.13	23.5			TF															
17024	"		1550	2943.00	8830.04	19.0	"	V	BC	OY	SA			3.0										
ED18		1522		2942.18	8829.31	19.0			TF															
17025	"		1740	2945.22	8835.40	14.0	"	"	BC	OY	SA			3.0										
ED14		1712		2945.12	8834.27	15.0			TF															
17026	"		2037	3000.03	8832.26	14.0	"	"	BC	OY	SA			3.0										
EW14		1942		2959.95	8829.23	14.8			TF															
17027	"		2302	3000.04	8830.15	14.0		PN	NN	BC	OY													
B178		2224		3000.04	8830.15	14.0			SA	TF														
17028	10/25/96		0802	2956.74	8826.96	16.0	40	ST	BC	OY	SA			3.0										
ED15		0932		2956.77	8826.60	15.5			TF															
17029	"		1019	3007.02	8834.14	8.0	"	"	BC	OY	SA			3.0										
ED08		0942		3005.69	8835.93	9.0			TF															