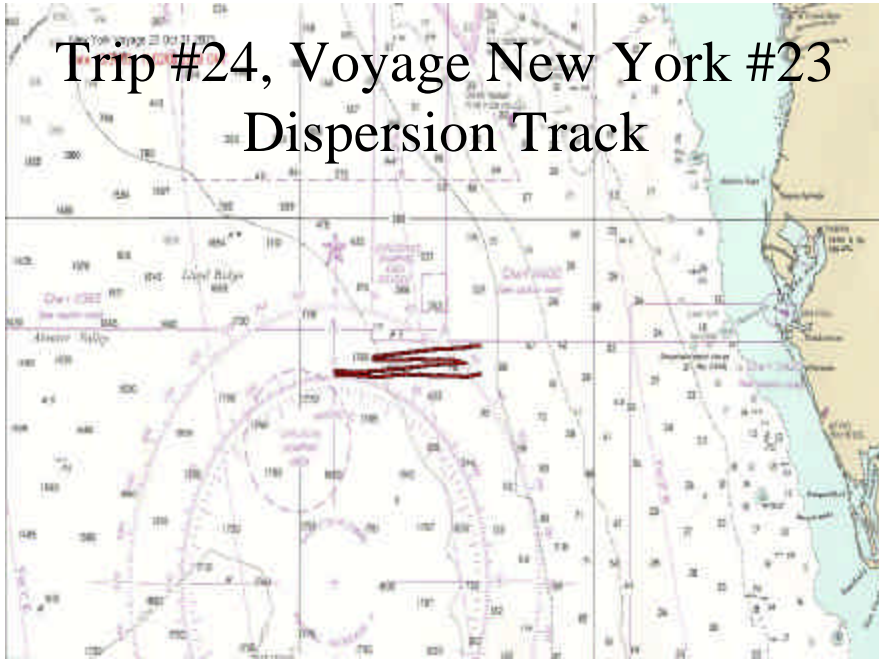
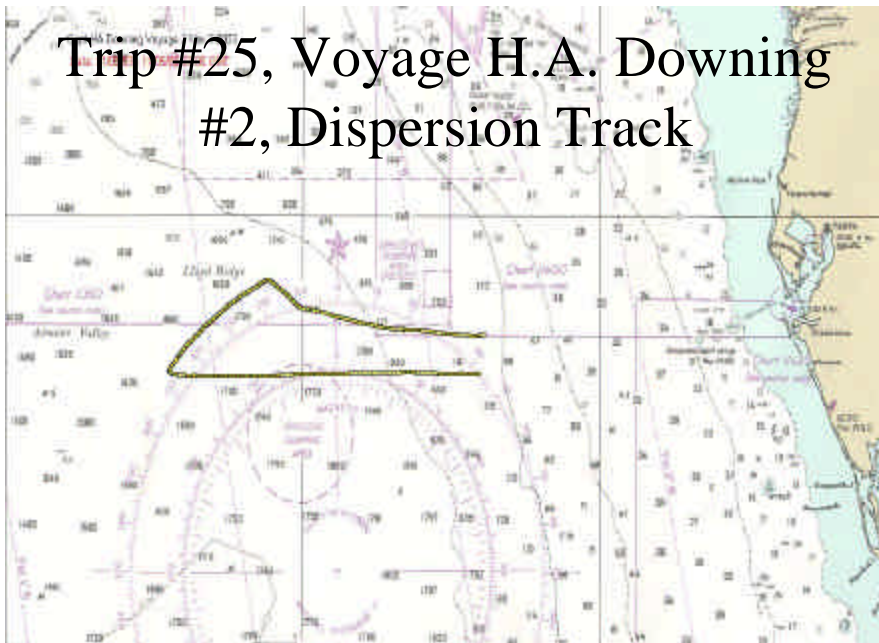


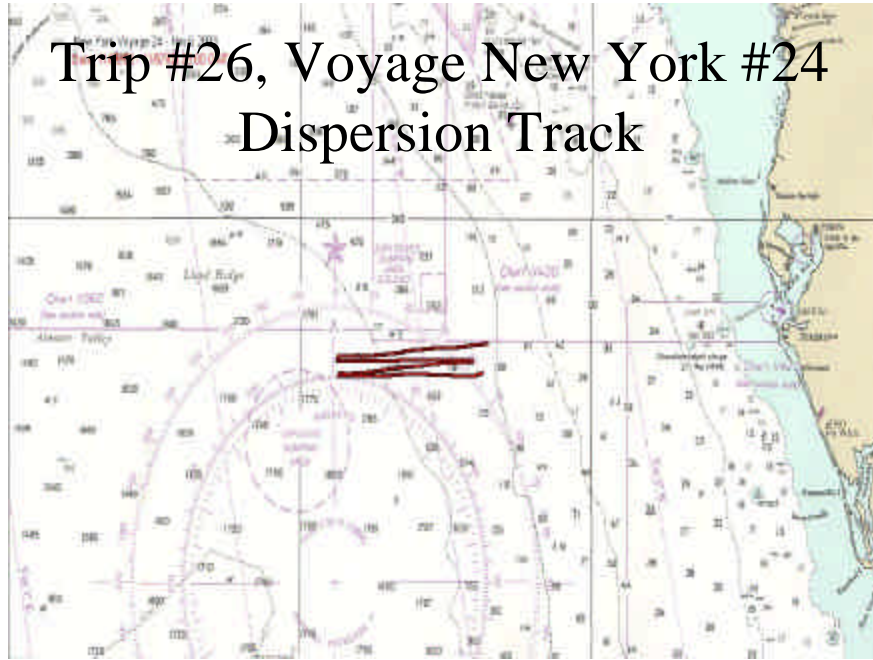
Trip #24, Voyage New York #23
Dispersion Track



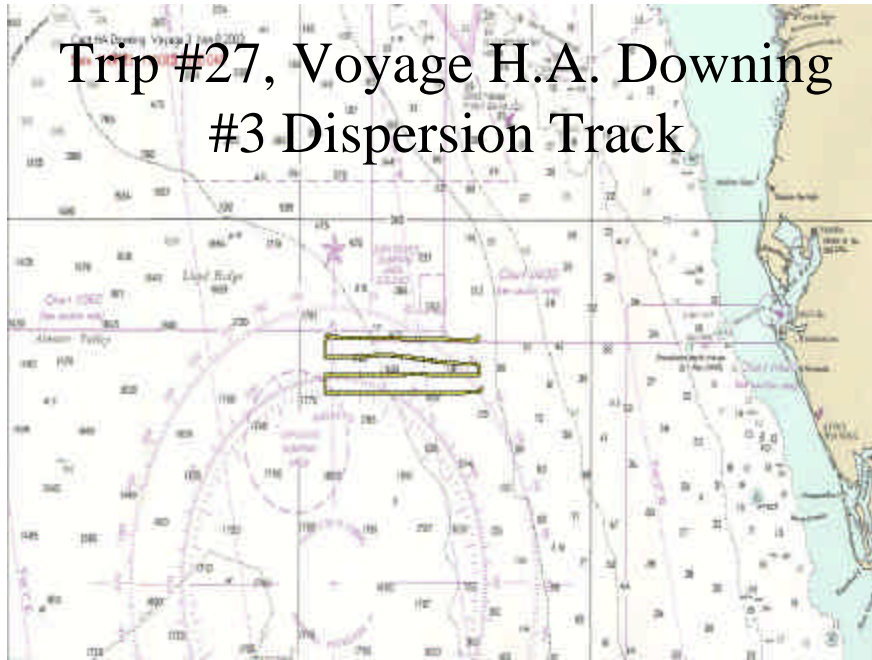
Trip #25, Voyage H.A. Downing
#2, Dispersion Track



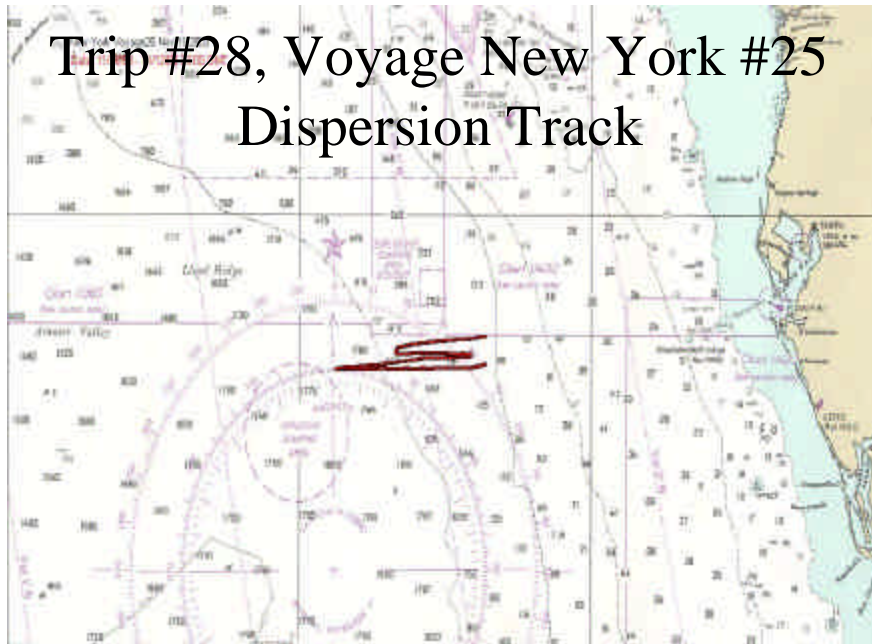
Trip #26, Voyage New York #24
Dispersion Track



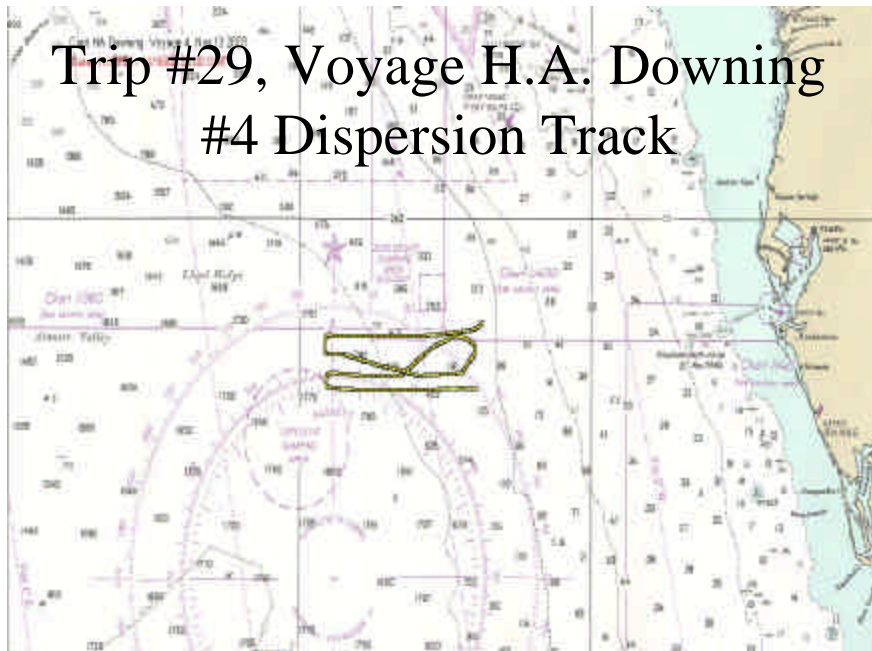
Trip #27, Voyage H.A. Downing
#3 Dispersion Track



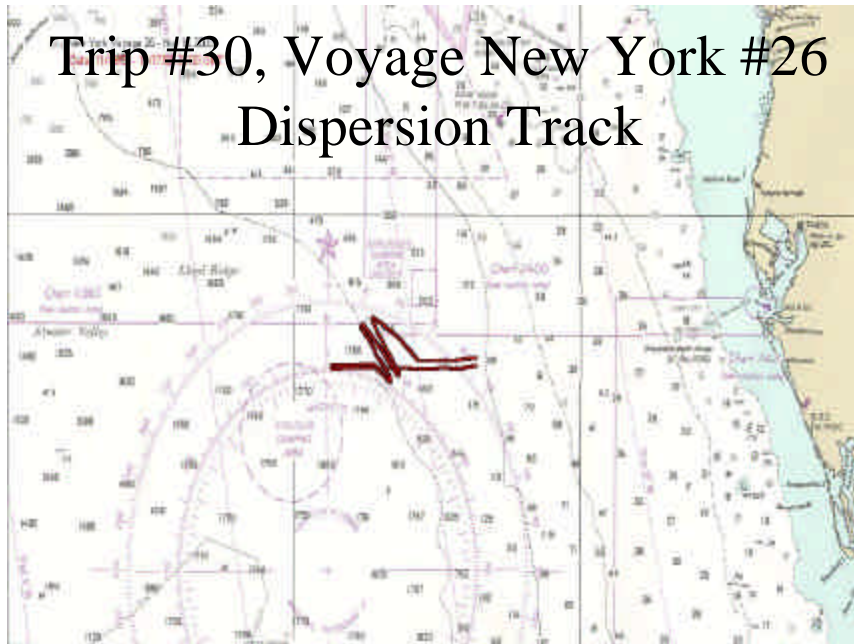
Trip #28, Voyage New York #25
Dispersion Track



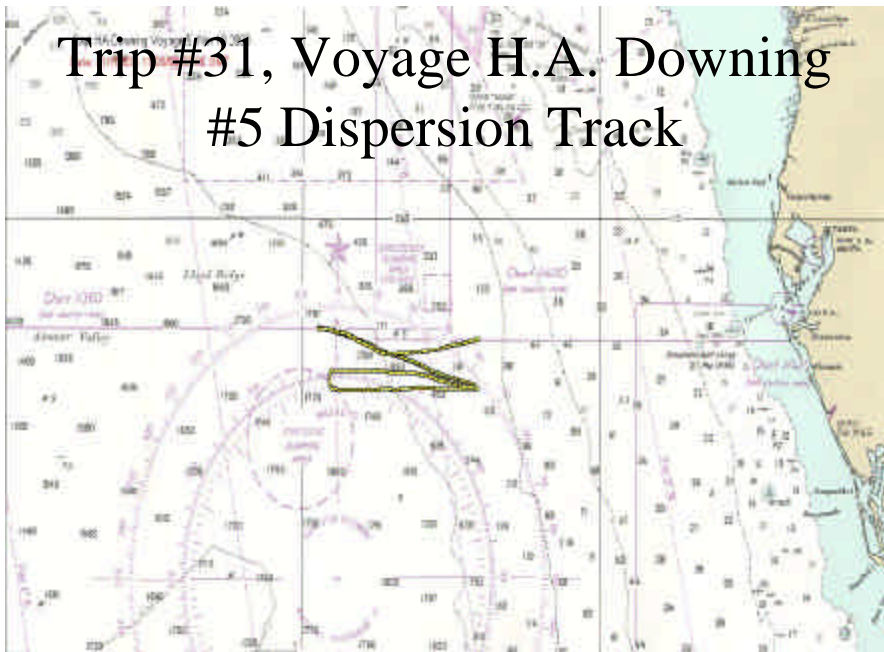
Trip #29, Voyage H.A. Downing
#4 Dispersion Track



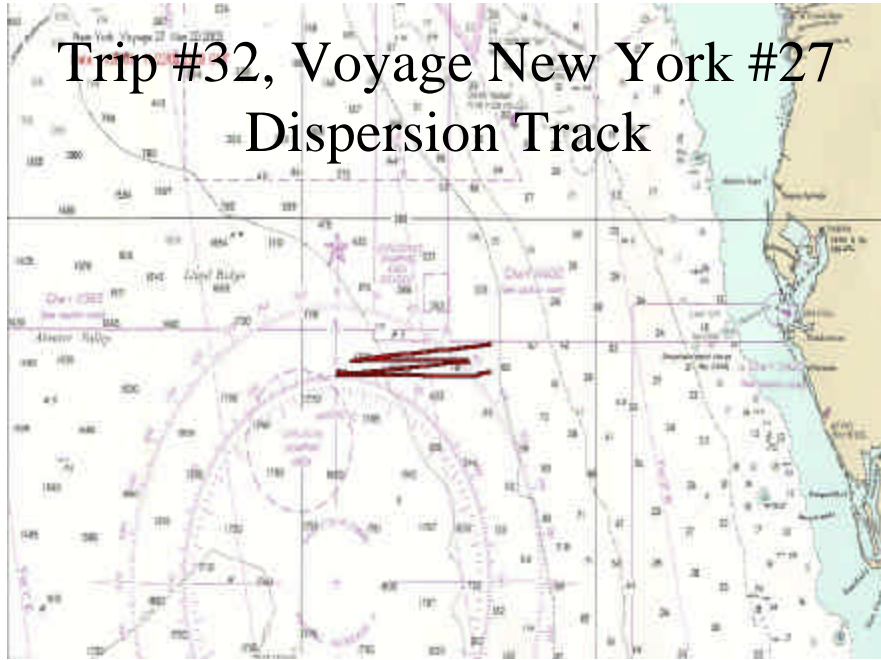
Trip #30, Voyage New York #26
Dispersion Track



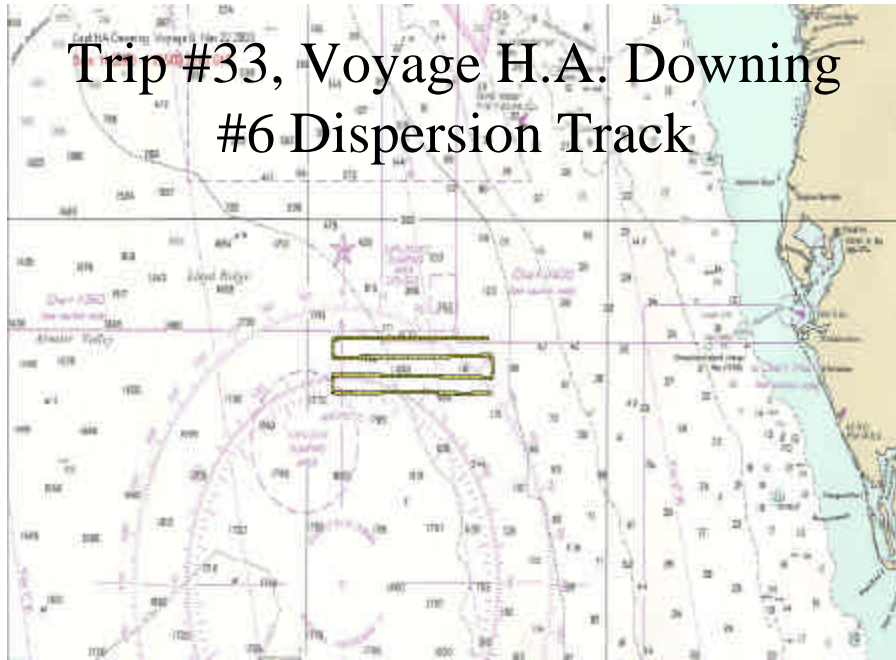
Trip #31, Voyage H.A. Downing
#5 Dispersion Track



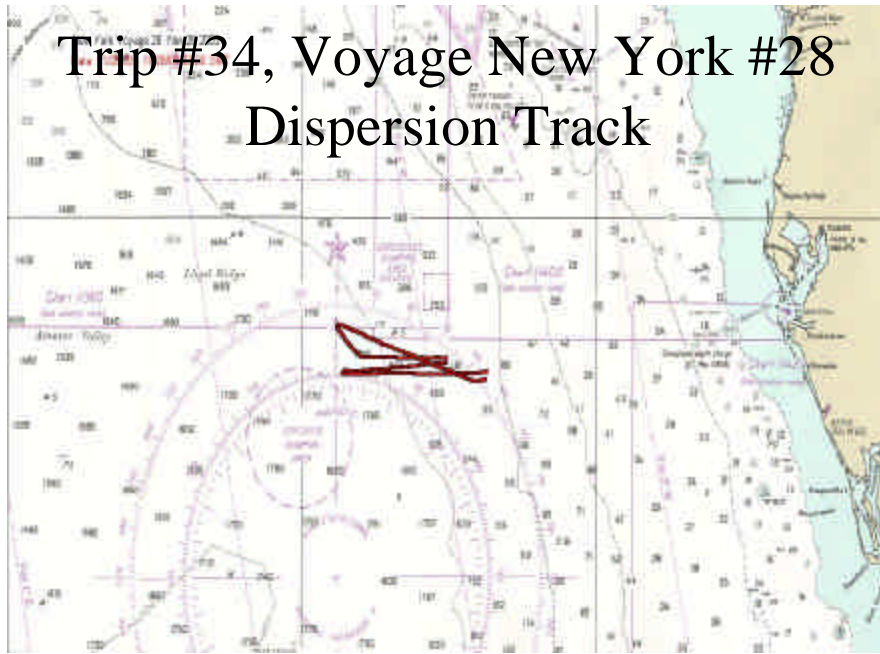
Trip #32, Voyage New York #27
Dispersion Track



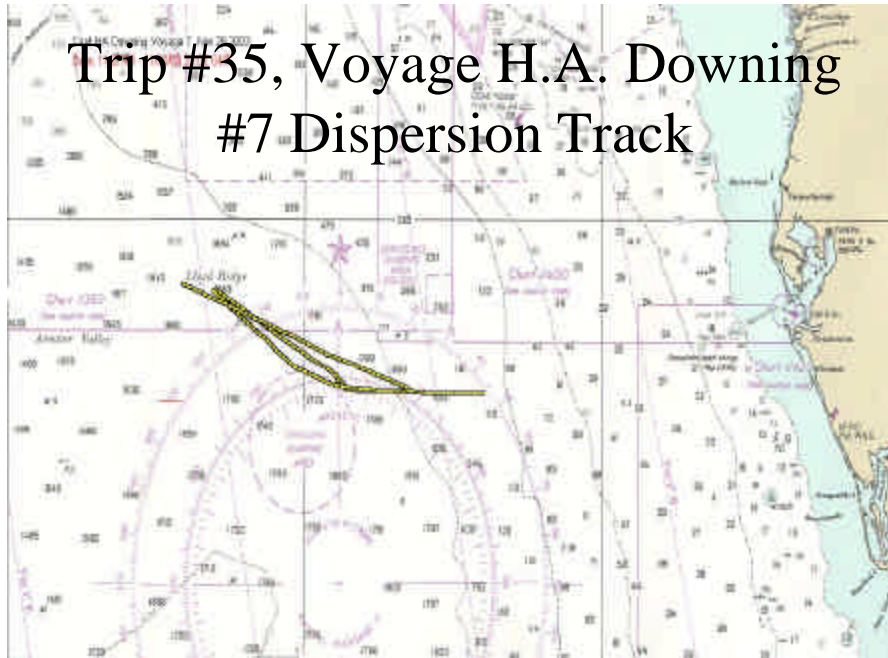
Trip #33, Voyage H.A. Downing
#6 Dispersion Track

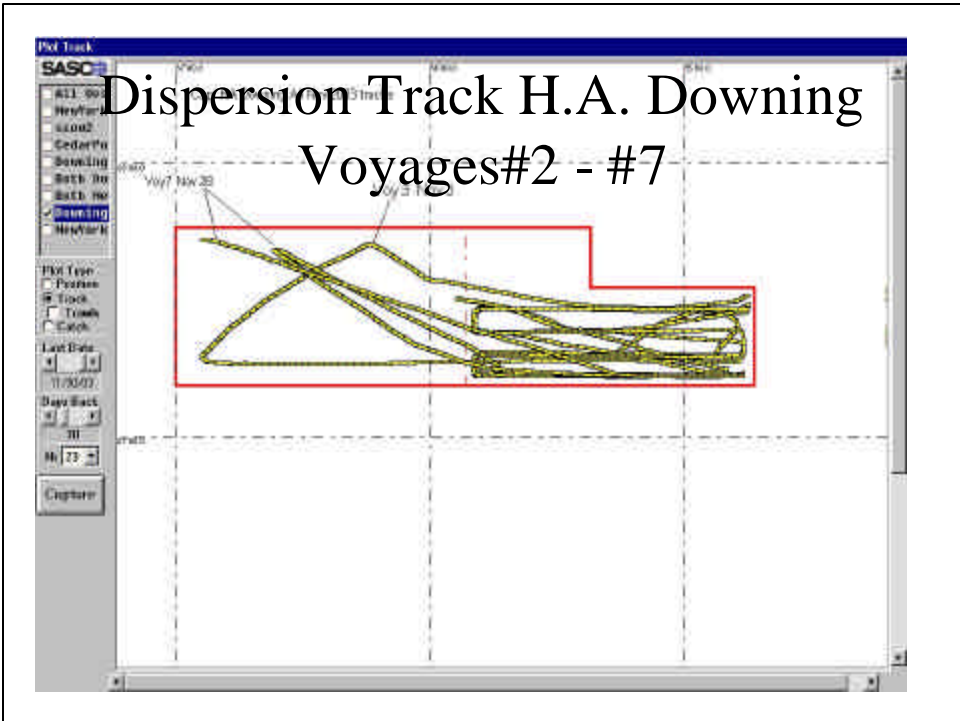
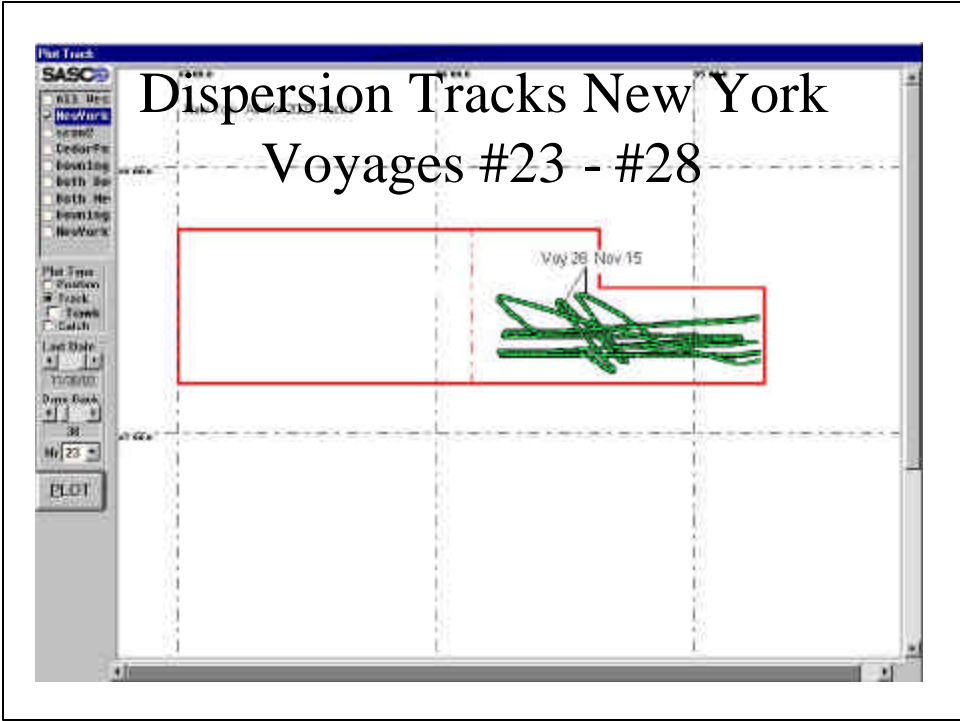


Trip #34, Voyage New York #28
Dispersion Track



Trip #35, Voyage H.A. Downing
#7 Dispersion Track





Special Condition 19 A

Time & Date Vessel Loading Begins and Ends

Trip	Voyage	Date	Time @ Start	Date	Time @ Stop
24	NY #23	10/29/03	00:25	10/30/03	22:30
25	HAD #2	10/31/03	16:45	11/03/03	02:00
26	NY #24	11/03/03	02:50	11/04/03	23:20
27	HAD #3	11/05/03	16:30	11/08/03	04:39
28	NY #25	11/08/03	10:40	11/10/03	08:45
29	HAD #4	11/10/03	19:55	10/13/03	07:10
30	NY #26	11/13/03	11:55	11/15/03	08:10
31	HAD #5	11/15/03	22:10	11/18/03	07:30
32	NY #27	11/18/03	11:20	11/20/03	10:40
33	HAD #6	11/20/03	23:00	11/23/03	05:52
34	NY #28	11/23/03	21:30	11/25/03	15:45
35	HAD #7	11/25/03	21:15	11/28/03	02:15

Special Condition 19 B

Volume of Load

Trip	Voyage	Volume (Gallons)
24	NY #23	6,963,304
25	HAD #2	9,038,721
26	NY #24	6,968,198
27	HAD #3	9,367,194
28	NY #25	6,959,670
29	HAD #4	9,322,110
30	NY #26	6,960,508
31	HAD #5	9,028,352
32	NY #27	6,977,897
33	HAD #6	8,601,112
34	NY #28	6,965,087
35	HAD #7	8,400,344

Total: 95,552,497

Special Condition 19 C

Time, Position and Water Depth When Each Dispersion Begins and Ends

Trip	Voyage	Date	Time	Start			(Fathoms)	End			Depth (Fathoms)
				Lat.	Lon.	Date		Time	Lat.	Lon.	
24	NY #23	10/31/03	20:00	27-17.48	84-51.13	780	11/02/03	02:00	27-25.56	84-49.50	840
25	HAD #2	11/03/03	13:30	27-16.46	84-44.83	744	11/05/03	03:25	27-26.98	84-48.98	2088
26	NY #24	11/05/03	20:30	27-17.62	84-48.11	900	11/07/03	02:15	27-23.00	85-38.71	10680
27	HAD #3	11/08/03	16:51	27-14.24	84-44.09	744	11/10/03	08:18	27-27.20	84-46.73	725
28	NY #25	11/11/03	08:00	27-17.71	84-48.62	900	11/12/03	13:25	27-25.59	84-52.72	1011
29	HAD #4	11/13/03	20:20	27-13.50	84-45.24	720	11/15/03	11:25	27-31.23	84-44.82	1026
30	NY #26	11/16/03	03:15	27-17.56	84-50.40	1080	11/17/03	08:45	27-20.27	85-08.11	2400
31	HAD #5	11/18/03	18:15	27-13.57	84-43.68	750	11/20/03	08:15	27-27.11	84-47.51	810
32	NY #27	11/21/03	08:00	27-17.81	84-47.48	786	11/22/03	13:30	27-23.20	85-25.19	4740

33	HAD #6	11/23/03	16:48	27-13.35	84-44.29	780	11/25/03	05:06	27-27.98	84-46.19	700
34	NY #28	11/26/03	08:00	27-18.04	84-46.81	744	11/27/03	13:45	27-15.73	84-50.18	780
35	HAD #7	11/28/03	13:06	27-13.24	84-44.50	744	11/30/03	00:18	27-26.93	85-59.70	10620

Special Condition 19 D

Date, Time, Position, Water Depth, Vessel Speed & Course, Wind Speed & Direction, Discharge Rate and Comments During Dispersal

Trip	Voyage	Date	Time	Lat.	Lon.	Depth (Fathoms)	Vessel Speed (Knots)	Course	Wind Speed Direction	Discharge Rate (GPM)	Comments	Discharge Rate (GPH)
24	NY #23	10/31/03	2000	27-17.48	84-51.13	780	5.4	270	NE-10/15			START
		10/31/03	2015	27-17.30	84-52.54	800	5.1	270	NE-10/15	3956.2		237372
		10/31/03	2030	27-17.31	84-53.91	1200	5.4	270	NE-10/15	3953.6		237216
		10/31/03	2045	27-17.37	84-55.47	1200	5.4	270	NE-10/15	3981.6		238896
		10/31/03	2100	27-17.39	84-57.01	1200	5.3	270	NE-10/15	3987.2		239232
		10/31/03	2115	27-17.40	84-58.53	1360	5.7	270	NE-10/15	3984.4		239064
		10/31/03	2130	27-17.47	85-00.13	1360	5.7	270	NE-10/15	3990		239400
		10/31/03	2145	27-17.52	85-01.68	1800.0	4.9	270	NE-10/15	3980.2		238812
		10/31/03	2200	27-17.55	85-03.17	1800.0	5.4	270	NE-10/15	3985.8		239148
		10/31/03	2215	27-17.50	85-04.65	2400	5.5	270	NE-10/15	3995.6		239736
		10/31/03	2230	27-17.61	85-06.14	2400	4.8	270	NE-10/15	3973.2		238392
		10/31/03	2245	27-17.60	85-07.60	2718	5.2	270	NE-10/15	3955.8		237348
		10/31/03	2300	27-17.62	85-09.01	2760	5.9	270	NE-10/15	3917.2		235032
		10/31/03	2315	27-17.72	85-10.69	2910	4.7	270	NE-10/15	3963.4		237804
		10/31/03	2330	27-17.74	85-12.18	3050	6.5	270	NE-10/15	3966.2		237972
		10/31/03	2345	27 17.68	85 13.78	3300	5.6	270	NE-10/15	3964.8		237888
		10/31/03	2400	27 17.81	85 15.40	3360	5.5	270	NE-10/15	3967.6		238056
		11/01/03	0015	27 17.76	85 16.97	3600	6.5	270	NE-10/15	3950.8		237048
		11/01/03	0030	27 17.66	85 18.60	3750	5.5	270	NE-10/15	3928.4		235704
		11/01/03	0045	27 17.64	85 20.24	3900	5.7	270	NE-10/15	3948		236880
		11/01/03	0100	27 17.50	85 21.88	4200	6.4	270	NE-10/15	3978.8		238728
		11/01/03	0115	27 17.33	85 23.58	4500	6.0	270	NE-10/15	3987.2		239232
		11/01/03	0130	27 17.28	85 25.28	4950	6.1	270	NE-10/15	3953.6		237216
		11/01/03	0145	27 17.18	85 27.02	5700	6.5	270	NE-10/15	3936.8		236208
		11/01/03	0200	27 17.18	85 28.84	10668	6.6	270	NE-10/15	3903.2		234192
		11/01/03	0215	27 17.33	85 30.70	10668	6.7	270	NE-10/15	3925.6		235536
		11/01/03	0230	27 17.45	85 32.54	10674	6.5	270	NE-10/15	3959.2		237552
		11/01/03	0245	27 17.46	85 34.32	10680	6.5	270	NE-10/15	3931.2		235872
		11/01/03	0300	27 17.50	85 36.13	10680	6.4	270	NE-10/15	3917.2		235032
		11/01/03	0315	27 17.51	85 37.94	10680	6.7	270	NE-10/15	3945.2		236712
		11/01/03	0330	27 17.55	85 39.66	10680	5.8	270	NE-10/15	3962		237720
		11/01/03	0345	27 17.57	85 41.27	10680	5.8	270	NE-10/15	3978.8		238728
		11/01/03	0400	27 17.57	85 42.92	10680	5.9	270	NE-10/15	3967.6		238056
		11/01/03	0415	27 17.54	85 44.56	10680	6.4	270	NE-10/15	3984.4		239064
		11/01/03	0430	27 18.67	85 45.00	10680	4.5	050	NE-10/15	3992.8		239568
		11/01/03	0445	27 18.77	85 43.89	10680	4.8	092	NE-10/15	3964.8		237888
		11/01/03	0500	27 18.68	85 42.52	10680	4.9	092	NE-15/20	3942.4		236544
		11/01/03	0515	27 19.00	85 41.16	10680	4.8	093	NE-15/20	3962		237720
		11/01/03	0530	27 18.52	85 39.52	10680	4.7	094	NE-15/20	3976		238560
		11/01/03	0545	27 18.46	85 38.48	10680	4.8	094	NE-15/20	3987.2		239232
		11/01/03	0600	27 18.35	85 37.16	10680	4.9	094	NE-15/20	3998.4		239904
		11/01/03	0615	27 18.31	85 35.69	10680	5.2	094	NE-15/20	3962		237720
		11/01/03	0630	27 18.35	85 34.29	10680	5.1	085	NE-15/20	3922.8		235368
		11/01/03	0645	27 18.45	85 32.85	10680	5.0	085	NE-15/20	3948		236880
		11/01/03	0700	27 18.54	85 31.47	10680	5.0	085	NE-15/20	3973.2		238392

11/01/03	0715	27 18.61	85 29.85	10500	4.8	085	NE-15/20	3990	239400
11/01/03	0730	27 18.69	85 28.73	10200	4.8	085	NE-15/20	3970.4	238224
11/01/03	0745	27-18.78	85-27.38	9000	4.9	085	NE-15/20	3976	238560
11/01/03	0800	27-18.86	85-26.01	6000	4.9	085	NE-15/20	3978.8	238728
11/01/03	0815	27-18.93	85-24.64	4998	4.9	085	NE-15/20	3987.2	239232
11/01/03	0830	27-19.02	85-23.25	4998	5.1	085	NE-15/20	3998.4	239904
11/01/03	0845	27-19.12	85-21.83	4998	5.0	085	NE-15/20	3950.8	237048
11/01/03	0900	27-19.20	85-20.39	4320	5.3	085	NE-15/20	3948	236880
11/01/03	0915	27-19.30	85-18.90	3600	5.3	085	NE-15/20	3964.8	237888
11/01/03	0930	27-19.41	85-17.43	3420	5.3	085	NE-15/20	3967.6	238056
11/01/03	0945	27-19.55	85-15.93	3100	5.4	085	NE-15/20	3991.4	239484
11/01/03	1000	27-19.69	85-14.44	2838	5.4	085	NE-15/20	3994.2	239652
11/01/03	1015	27-19.80	85-12.94	2838	5.4	085	NE-15/20	3992.8	239568
11/01/03	1030	27-19.93	85-11.41	2700	5.6	085	NE-15/20	3995.6	239736
11/01/03	1045	27-20.07	85-09.84	2400	5.7	085	NE-15/20	3981.6	238896
11/01/03	1100	27-20.22	85-08.27	2400	5.7	085	NE-15/20	3992.8	239568
11/01/03	1115	27-20.23	85-06.69	2000	5.6	085	NE-15/20	3984.4	239064
11/01/03	1130	27-20.41	85-05.09	2100	5.6	085	NE-15/20	3990	239400
11/01/03	1145	27 20.49	85 03.47	1950	5.9	085	NE-15/20	3973.2	238392
11/01/03	1200	27 20.57	85 01.82	1680	5.9	085	NE-15/20	3962	237720
11/01/03	1215	27 20.61	85 00.19	1500	5.7	085	NE-15/20	3992.8	239568
11/01/03	1230	27 20.71	84 58.57	1380	6.0	085	NE-15/20	3987.2	239232
11/10/03	1245	27 20.79	84 56.92	1320	5.9	085	NE-15/20	3959.2	237552
11/01/03	1300	27 20.84	84 55.25	1086	5.9	085	NE-15/20	3936.8	236208
11/01/03	1315	27 20.84	84 53.59	1050	6.0	085	NE-15/20	3948	236880
11/01/03	1330	27 20.88	84 51.92	960	6.0	085	NE-15/20	3967.6	238056
11/01/03	1345	27 20.92	84 50.21	900	6.2	085	NE-15/20	3948	236880
11/01/03	1400	27 21.76	84 49.64	840	5.1	320	NE-15/20	3922.8	235368
11/01/03	1415	27 21.94	84 51.18	900	5.9	270	NE-15/20	3908.8	234528
11/01/03	1430	27 21.92	84 52.75	960	5.7	270	NE 10/15	3945.2	236712
11/01/03	1445	27 21.92	84 54.36	1080	5.8	270	NE 10/15	3934	236040
11/01/03	1500	27 21.94	84 56.00	1200	5.8	270	NE 10/15	3911.6	234696
11/01/03	1515	27 21.97	84 57.61	1380	5.8	270	NE 10/15	3920	235200
11/01/03	1530	27 21.98	84 59.25	1500	5.9	270	NE 10/15	3928.4	235704
11/01/03	1545	27 21.97	85 00.80	1500	5.4	270	NE 10/15	3967.6	238056
11/01/03	1600	27 22.01	85 02.31	1680	5.5	270	NE 10/15	3987.2	239232
11/01/03	1615	27 21.97	85 03.87	1800	5.5	270	NE 10/15	3981.6	238896
11/01/03	1630	27 21.96	85 05.44	2100	5.6	270	NE 10/15	3970.4	238224
11/01/03	1645	27 21.96	85 06.99	2280	5.6	270	NE 10/15	3967.6	238056
11/01/03	1700	27 21.97	85 08.59	2700	5.7	270	NE 10/15	3981.6	238896
11/01/03	1715	27 22.02	85 10.20	2700	5.7	270	NE 10/15	3984.4	239064
11/01/03	1730	27 22.04	85 11.80	2700	5.8	270	NE 10/15	3967.6	238056
11/01/03	1745	27 21.99	85 13.43	2880	5.9	270	NE 10/15	3970.4	238224
11/01/03	1800	27 21.92	85 15.10	3000	6.0	270	NE 10/15	3984.4	239064
11/01/03	1815	27 21.87	85 16.81	3600	6.1	270	NE 10/15	3981.6	238896
11/01/03	1830	27 21.84	85 18.49	3600	6.0	270	NE 10/15	3976	238560
11/01/03	1845	27 21.83	85 20.22	4200	6.1	270	NE 10/15	3984.4	239064
11/01/03	1900	27 21.83	85 21.95	4200	6.3	270	NE 10/15	3995.6	239736
11/01/03	1915	27 21.82	85 23.71	4800	6.3	270	NE 10/15	3973.2	238392
11/01/03	1930	27 21.84	85 25.49	6000	6.4	270	NE 10/15	3953.6	237216
11/01/03	1945	27-21.81	85-27.29	6200	6.4	270	NE 10/15	3970.4	238224
11/01/03	2000	27-21.77	85-29.07	9000	4.4	270	NE 10/15	3978.8	238728
11/01/03	2015	27-22.81	85-29.34	9000	4.6	085	NE 10/15	3967.6	238056
11/01/03	2030	27-22.97	85-27.94	6000	6.0	085	NE 10/15	3964.8	237888
11/01/03	2045	27-23.08	85-26.26	6000	6.0	085	NE 10/15	3976	238560
11/01/03	2100	27-23.20	85-24.58	4200	6.0	085	NE 10/15	3978.8	238728
11/01/03	2115	27-23.32	85-22.91	3000	6.0	085	NE 10/15	3978.8	238728

11/01/03	2130	27-23.45	85-21.24	2900	6.1	085	NE 10/15	3973.2	238392
11/01/03	2145	27-23.58	85-19.57	2900	6.0	085	NE 10/15	3964.8	237888
11/01/03	2200	27-23.73	85-17.89	2900	6.0	085	NE 10/15	3948	236880
11/01/03	2215	27-23.86	85-16.23	2838	6.0	085	NE 10/15	3956.4	237384
11/01/03	2230	27-24.03	85-14.43	2838	6.0	085	NE 10/15	3950.8	237048
11/01/03	2245	27-24.14	85-12.87	2600	6.0	085	NE 10/15	3971.8	238308
11/01/03	2300	27-24.24	85-11.21	2400	6.0	085	NE 10/15	3977.4	238644
11/01/03	2315	27-24.33	85-09.50	2100	6.0	085	NE 10/15	3962	237720
11/01/03	2330	27-24.46	85-07.74	2088	6.1	085	NE 10/15	3956.4	237384
11/01/03	2345	27 24.58	85 05.99	1950	6.5	085	NE 10/15	3977.4	238644
11/01/03	2400	27 24.71	85 04.22	1770	6.3	085	NE 10/15	3983	238980
11/02/03	0015	27 24.81	85 02.43	1650	6.4	085	NE 10/15	3962	237720
11/02/03	0030	27 24.90	85 00.62	1500	6.5	085	NE 10/15	3936.8	236208
11/02/03	0045	27 24.98	84 58.79	1350	6.6	085	NE 10/15	2998.8	179928
11/02/03	0100	27 25.02	84 56.94	1200	6.6	085	NE 10/15	2954	177240
11/02/03	0115	27 25.13	84 55.09	1086	6.7	085	NE 10/15	2248.4	134904
11/02/03	0130	27 25.28	84 53.24	1050	6.5	085	NE 10/15	2214.8	132888
11/02/03	0145	27 25.43	84 51.37	930	6.7	085	NE 10/15	2960	177600
11/02/03	0200	27 25.56	84 49.50	840	6.8	085	NE 10/15	1780.8	106848

Trip	Voyage	Date	Time	Lat.	Lon.	Depth (Fathoms)	Vessel Speed (Knots)	Course	Wind Speed Direction	Discharge Rate (GPM)	Comments
25	HAD #2	11/03/03	1330	27-16.46	084-44.83	744	5.4	275	27-NE		START
		11/03/03	1345	27-16.46	084-46.46	744	5.8	275	27-NE	3882.6	232956
		11/03/03	1400	27-16.39	084-48.07	744	6.4	268	27-NE	3998.4	239904
		11/03/03	1415	27-16.41	084-49.93	744	6.3	270	27-NE	3998.4	239904
		11/03/03	1430	27-16.38	084-51.68	744	6.5	266	27-NE	4001.2	240072
		11/03/03	1445	27-16.38	084-53.52	1362	6.5	268	27-NE	3998.4	239904
		11/03/03	1500	27-16.48	084-55.31	1362	6.4	273	27-NE	3998.4	239904
		11/03/03	1515	27-16.42	084-57.25	1362	6.7	269	27-NE	3998.4	239904
		11/03/03	1530	27-16.42	084-59.49	1362	6.7	270	27-NE	4001.2	240072
		11/03/03	1545	27-16.45	085-01.10	1362	6.6	271	27-NE	3998.1	239888
		11/03/03	1600	27-16.46	085-02.82	1362	6.7	269	16-NE	3998.6	239920
		11/03/03	1615	27-16.50	085-04.78	1362	6.7	272	16-NE	3996.8	239792
		11/03/03	1630	27-16.54	085-06.94	1362	6.7	269	16-NE	3999.1	239944
		11/03/03	1645	27-16.58	085-08.52	3318	6.7	270	16-NE	3996.9	239816
		11/03/03	1700	27-16.67	085-10.43	3318	6.8	271	16-NE	3998.5	239912
		11/03/03	1715	27-16.67	085-12.67	3318	6.8	270	16-NE	3997.8	239872
		11/03/03	1730	27-16.77	085-14.24	3318	6.8	272	16-NE	4000.1	240008
		11/03/03	1745	27-16.82	085-16.18	3318	6.8	268	16-NE	3999.3	239960
		11/03/03	1800	27-16.81	085-18.11	3318	6.8	270	16-NE	3999.1	239944
		11/03/03	1815	27-16.82	085-19.99	3318	6.8	269	16-NE	3998.8	239928
		11/03/03	1830	27-16.76	085-21.93	3318	6.9	271	16-NE	3998.5	239912
		11/03/03	1845	27-16.69	085-23.87	5000	7.1	267	16-SE	3997.2	239832
		11/03/03	1900	27-16.62	085-25.83	5000	7.0	265	20-SE	4000.7	240040
		11/03/03	1915	27-16.57	085-27.83	6000	7.1	270	20-SE	3999.6	239976
		11/03/03	1930	27-16.54	085-29.81	6000	7.0	269	20-SE	3999.7	239984
		11/03/03	1945	27-16.53	085-31.90	6000	6.8	272	20-SE	3999.6	239920
		11/03/03	2000	27-16.58	085-33.60	10668	6.9	271	20-SE	3999.5	239968
		11/03/03	2015	27-16.69	085-35.67	10668	7.1	274	19-SE	3998.6	239896
		11/03/03	2030	27-16.75	085-37.64	10668	6.6	269	19-SE	3999.1	239944
		11/03/03	2045	27-16.60	085-39.25	10668	6.6	268	20-SE	4000.3	240016
		11/03/03	2100	27-16.48	085-41.19	10680	7.2	269	20-SE	3998.3	239936
		11/03/03	2115	27-16.37	085-43.18	10680	7.1	265	19-SE	4001.2	240072
		11/03/03	2130	27-16.31	085-45.38	10680	7.2	271	19-SE	3998.5	239912
		11/03/03	2145	27-16.31	085-47.33	10680	7.3	271	19-SE	3998.5	239896
		11/03/03	2200	27-16.27	085-49.27	10680	7.2	269	20-SE	3999.1	239944
		11/03/03	2215	27-16.25	085-51.43	10680	7.2	271	19-SE	3998.5	239912

11/03/03	2230	27-16.28	085-53.31	10680	7.3	270	18-SE	3999	239940
11/03/03	2245	27-16.30	085-55.35	10680	7.3	269	17-SE	3998.9	239932
11/03/03	2300	27-16.34	085-57.28	10620	7.0	271	19-SE	3998.9	239932
11/03/03	2315	27-16.31	085-59.45	10620	6.9	270	19-SE	3999.1	239944
11/03/03	2330	27-16.30	086-01.24	10620	6.9	272	18-SE	3998.3	239896
11/03/03	2345	27-16.24	086-03.08	10620	6.9	268	18-SE	3998.9	239936
11/04/03	0000	27-16.17	086-05.03	10620	6.8	267	18-SE	3990	239400
11/04/03	0015	27-16.10	086-06.98	10620	6.8	268	18-SE	3998.8	239928
11/04/03	0030	27-16.00	086-08.97	10620	6.6	267	18-SE	3989.8	239388
11/04/03	0045	27-15.96	086-10.67	10620	6.6	272	18-SE	3987.4	239248
11/04/03	0100	27-15.92	086-12.51	10620	6.6	269	18-SE	3999.3	239960
11/04/03	0115	27-15.83	086-14.37	10620	6.5	264	18-SE	3999.5	239972
11/04/03	030	27-15.85	086-16.13	10620	6.6	273	18-SE	3988.4	239304
11/04/03	0145	27-15.88	086-18.00	10620	6.6	271	18-SE	3995.6	239736
11/04/03	0200	27-15.87	086-19.81	10620	6.3	270	18-SE	3998.8	239928
11/04/03	0215	27-15.88	086-21.69	10620	6.3	271	18-SE	3989.8	239388
11/04/03	0230	27-15.90	086-23.33	10620	6.2	270	18-SE	3998.8	239928
11/04/03	0245	27-15.96	086-25.04	10620	6.2	272	18-SE	3989.8	239388
11/04/03	0300	27-15.97	086-26.76	10620	6.0	272	23-SE	3998.8	239928
11/04/03	0315	27-16.00	086-28.42	10200	5.8	265	23-SE	3987.5	239248
11/04/03	0330	27-15.93	086-30.05	10200	5.7	266	23-SE	3987.5	239248
11/04/03	0345	27-15.89	086-31.89	10200	5.7	274	23-SE	4000.5	240032
11/04/03	0400	27-15.89	086-33.12	10200	5.3	270	21-SE	4000.3	240020
11/04/03	0415	27-15.87	086-34.58	10200	5.1	270	21-SE	3999.2	239952
11/04/03	0430	27-15.82	086-36.04	10200	5.4	268	21-SE	3999.5	239944
11/04/03	0445	27-15.84	086-37.82	10200	6.4	270	21-SE	3999.7	239968
11/04/03	0500	27-15.87	086-39.57	10200	6.5	272	20-SE	3999.5	239984
11/04/03	0515	27-15.91	086-41.41	10200	6.5	272	20-SE	3999.2	239952
11/04/03	0530	27-15.99	086-43.26	10200	6.6	272	20-SE	3998.9	239936
11/04/03	0545	27-15.99	086-45.06	10020	6.4	269	21-SE	4000.4	240024
11/04/03	0600	27-16.04	086-46.88	10020	6.5	275	21-SE	3999.7	239968
11/04/03	0615	27-16.19	086-48.75	10020	6.6	275	21-SE	3999.9	239984
11/04/03	0630	27-16.32	086-50.54	10020	6.6	275	21-SE	3998.9	239936
11/04/03	0645	27-16.50	086-52.46	9900	6.6	276	29-SE	3999.6	239976
11/04/03	0700	27-16.86	086-54.17	9900	6.7	042	32-SE	3999.2	239952
11/04/03	0715	27-18.16	086-53.02	9900	6.8	043	38-SE	3998.9	239936
11/04/03	0730	27-19.39	086-51.78	9900	6.6	042	36-SE	3999.5	239968
11/04/03	0745	27-20.60	086-50.56	9900	6.4	042	34-SE	3999.3	239960
11/04/03	0800	27-21.80	086-49.34	10020	6.6	042	30-SE	3998.7	239920
11/04/03	0815	27-22.95	086-48.04	10020	6.5	050	24-SE	3999.1	239944
11/04/03	0830	27-24.07	086-46.56	10080	6.8	051	25-SE	3998.8	239928
11/04/03	0845	27-25.07	086-45.17	10080	6.4	050	22-SE	3998.1	239888
11/04/03	0900	27-26.12	086-43.72	10080	7.2	051	23-SSE	3999.3	239984
11/04/03	0915	27-27.00	086-42.51	10080	6.7	051	24-SSE	3999.2	239952
11/04/03	0930	27-28.27	086-40.73	10080	6.6	050	25-SE	3998.5	239912
11/04/03	0945	27-29.39	086-39.37	10080	6.3	054	26-SE	3998.5	239936
11/04/03	1000	27-30.33	086-37.88	10140	6.5	060	33-SE	4000.5	240032
11/04/03	1015	27-31.18	086-36.27	10140	6.6	056	32-SE	3998.8	239928
11/04/03	1030	27-32.03	086-34.77	10314	6.5	058	30-SE	3997.9	239872
11/04/03	1045	27-32.80	086-33.43	10314	5.4	056	31-SE	3999.6	239976
11/04/03	1100	27-33.58	086-32.18	10380	5.3	055	30-SE	3999.3	239956
11/04/03	1115	27-34.32	086-30.84	10380	5.7	057	28-SE	3999.4	239964
11/04/03	1130	27-35.12	086-29.52	10380	5.7	057	32-SSE	3999.1	239944
11/04/03	1145	27-35.92	086-28.05	10380	6.0	058	31-SSE	4000.3	240016
11/04/03	1200	27-36.65	086-26.74	10380	5.7	063	31-SSE	3998.9	239936
11/04/03	1215	27-37.38	086-25.29	10380	5.8	060	31-SSE	3998.5	239912
11/04/03	1230	27-38.04	086-23.78	10380	5.6	064	31-SSE	4000.8	240048

11/04/03	1245	27-38.75	086-22.07	10380	8.4	066	31-SSE	3998.8	239928
11/04/03	1300	27-39.60	086-19.92	10380	7.2	064	21-SSE	3999.6	239976
11/04/03	1315	27-40.28	086-18.49	10380	5.4	061	21-SSE	4000.1	240008
11/04/03	1330	27-40.99	086-17.06	10380	5.4	063	21-SSE	3999.6	239976
11/04/03	1345	27-41.60	086-15.85	10380	5.5	058	21-SSE	3999.2	239952
11/04/03	1400	27-42.14	086-14.47	10380	4.9	083	21-SSE	3999.5	239972
11/04/03	1415	27-42.00	086-13.01	10380	5.3	102	21-SSE	3998.7	239932
11/04/03	1430	27-41.45	086-11.74	10380	4.8	119	21-SSE	3999.4	239964
11/04/03	1445	27-40.59	086-10.20	10380	6.5	123	21-SSE	3998.8	239928
11/04/03	1500	27-39.69	086-08.69	10380	7.0	124	15-S	3998.7	239920
11/04/03	1515	27-38.63	086-06.98	10380	7.0	123	15-S	3999.3	239956
11/04/03	1530	27-37.69	086-05.42	10380	6.9	124	15-SE	4000.5	240032
11/04/03	1545	27-36.69	086-03.82	10380	7.1	126	15-SE	3999.5	239972
11/04/03	1600	27-35.71	086-02.26	10026	6.3	126	15-SSE	3999.1	239939
11/04/03	1615	27-34.84	086-00.90	10026	5.8	127	15-SSE	3998.3	239936
11/04/03	1630	27-34.25	085-59.00	10026	6.1	093	18-S	3999.1	239948
11/04/03	1645	27-34.17	085-57.60	10590	5.2	093	18-S	3998.7	239924
11/04/03	1700	27-34.11	085-56.35	10590	4.9	099	18-S	3998.3	239896
11/04/03	1715	27-33.85	085-55.02	10590	4.8	103	18-S	4000.8	240048
11/04/03	1730	27-33.62	085-53.66	10590	4.9	100	18-S	3999.9	239992
11/04/03	1745	27-33.36	085-52.25	10566	4.9	102	16-S	3999.4	239964
11/04/03	1800	27-33.21	085-50.29	10566	5.8	102	16-S	3999.6	239977
11/04/03	1815	27-32.77	085-49.12	10566	6.1	101	16-S	3997.7	239872
11/04/03	1830	27-32.52	085-47.66	10620	6.1	101	16-S	3999	239940
11/04/03	1845	27-32.24	085-46.00	10620	6.0	100	16-S	3999.5	239972
11/04/03	1900	27-31.98	085-44.40	10620	5.8	101	16-S	3999.1	239944
11/04/03	1915	27-31.67	085-42.72	10000	5.7	101	16-S	4000.4	240024
11/04/03	1930	27-31.41	085-41.22	10000	5.6	102	14-S	3999.2	239952
11/04/03	1945	27-31.14	085-39.78	10000	5.4	101	14-S	3998.8	239928
11/04/03	2000	27-30.85	085-38.20	10620	5.4	102	11-SE	3987.8	239268
11/04/03	2015	27-30.59	085-36.73	10620	5.4	100	12-SE	3999.1	239948
11/04/03	2030	27-30.36	085-35.21	10620	5.5	100	15-SE	3999.2	239952
11/04/03	2045	27-30.13	085-33.72	10620	5.5	100	12-SE	3999.9	239992
11/04/03	2100	27-29.94	085-32.18	10620	5.5	098	13-SE	3998.9	239936
11/04/03	2115	27-29.78	085-30.64	4434	5.7	098	14-SE	3998.9	239932
11/04/03	2130	27-29.56	085-29.04	4434	5.6	098	14-SE	3999.9	239944
11/04/03	2145	27-29.34	085-27.47	4434	5.7	097	15-SE	3999.8	239984
11/04/03	2200	27-29.10	085-25.79	3966	6.1	099	14-SE	3999.5	239968
11/04/03	2215	27-28.90	085-24.10	3966	6.0	096	8-SSE	3999.2	239952
11/04/03	2230	27-28.77	085-22.49	3966	5.6	095	8-SSE	3999.5	239968
11/04/03	2245	27-28.66	085-20.76	3966	5.4	094	8-SSE	3999.7	239984
11/04/03	2300	27-28.60	085-19.39	2712	5.5	095	9-SSE	3998.9	239936
11/04/03	2315	27-28.51	085-17.86	2712	5.5	093	9-SSE	3998.8	239928
11/04/03	2330	27-28.41	085-16.29	2712	5.5	094	12-SE	3999.1	239948
11/04/03	2345	27-28.32	085-14.95	2712	5.4	094	12-SE	3999.4	239964
11/05/03	0000	27-28.32	085-13.42	2088	4.8	090	12-SE	3999.3	239960
11/05/03	0015	27-28.30	085-11.97	2088	5.8	092	12-SE	3999.3	239944
11/05/03	0030	27-28.21	085-10.16	2088	6.1	094	12-SE	3999.3	239960
11/05/03	0045	27-28.07	085-08.47	2088	6.5	096	12-SE	3998.4	239904
11/05/03	0100	27-27.90	085-06.71	2088	6.3	096	18-SSE	3997.8	239872
11/05/03	0115	27-27.76	085-04.93	2088	6.1	094	18-SSE	3999.2	239952
11/05/03	0130	27-27.59	085-03.24	2088	6.2	096	18-SSE	4000.5	240028
11/05/03	0145	27-27.48	085-01.47	2088	6.9	092	18-SSE	3999.4	239964
11/05/03	0200	27-27.52	084-59.58	2088	6.6	091	18-SE	3998.5	239912
11/05/03	0215	27-27.38	084-57.64	2088	6.9	096	18-SE	3998.9	239936
11/05/03	0230	27-27.24	084-55.75	2088	6.5	096	18-SE	3998.8	239928
11/05/03	0245	27-27.19	084-54.12	2088	5.3	090	18-SE	3998.8	239928

11/05/03	0300	27-27.11	084-52.30	2088	7.9	093	15-SE	3998.1	239888
11/05/03	0315	27-26.98	084-50.00	2088	6.7	093	15-SE	2912.8	174768
11/05/03	0325	27-26.98	084-48.98	2088	5.4	084	15-SE		FINISH

Trip	Voyage									Discharge Rate (GPM)	Comments	Discharge Rate (GPH)
26	NY #24	11/05/03	2030	27-17.62	84-48.11	900	8.9	270	SE-5/10			START
		11/05/03	2045	27-17.36	84-50.46	1200	6.7	270	SE-5/10	3984.4		239064
		11/05/03	2100	27-17.36	84-52.10	1200	5.7	270	SE-5/10	3986.7		239200
		11/05/03	2115	27-17.42	84-53.69	1362	5.8	270	SE-5/10	3987.2		239232
		11/05/03	2130	27-17.51	84-55.22	1362	4.9	270	SE-5/10	3981.6		238896
		11/05/03	2145	27-17.56	84-56.54	1500	4.7	270	SE-5/10	3978.8		238728
		11/05/03	2200	27-17.58	84-57.88	1500	4.8	270	SE-5/10	3988.6		239316
		11/05/03	2215	27-17.61	84-59.25	1675	4.8	270	SE-5/10	3985.8		239148
		11/05/03	2230	27-17.63	85-00.57	1700	4.7	270	SE-5/10	3984.4		239064
		11/05/03	2245	27-17.67	85-01.91	2300	4.9	270	SE-5/10	3981.6		238896
		11/05/03	2300	27-17.72	85-03.29	2500	4.9	270	SE-5/10	3987.2		239232
		11/05/03	2315	27-17.74	85-04.66	2400	4.9	270	SE-5/10	3980.2		238812
		11/05/03	2330	27-17.75	85-06.04	2698	4.9	270	SE-5/10	3983		238980
		11/05/03	2345	27 17.77	85 07.62	2778	4.9	270	SE-5/10	3964.8		237888
		11/05/03	2400	27 17.78	85 08.65	2880	4.9	270	SE-5/10	3934		236040
		11/06/03	0015	27 17.79	85 10.28	2885	4.9	270	SE-5/10	3948		236880
		11/06/03	0030	27 17.82	85 11.83	2890	4.9	270	SE-5/10	3959.2		237552
		11/06/03	0045	27 17.83	85 13.06	3000	4.9	270	SE-5/10	3964.8		237888
		11/06/03	0100	27 17.87	85 14.44	3318	5.2	270	SE-5/10	3978.8		238728
		11/06/03	0115	27 17.93	85 15.89	3450	5.3	270	SE-5/10	3967.6		238056
		11/06/03	0130	27 17.89	85 17.32	3600	4.8	270	SE-5/10	3956.4		237384
		11/06/03	0145	27 17.81	85 18.72	4180	5.0	270	SE-5/10	3964.8		237888
		11/06/03	0200	27 17.70	85 20.12	4500	5.2	270	SE-5/10	3976		238560
		11/06/03	0215	27 17.57	85 21.53	4950	4.8	270	E - 5-10	3934		236040
		11/06/03	0230	27 17.48	85 22.88	4950	4.9	270	E - 5-10	3908.8		234528
		11/06/03	0245	27 17.49	85 24.27	4950	5.0	270	E - 5-10	3922.8		235368
		11/06/03	0300	27 17.50	85 25.65	5280	4.7	270	E - 5-10	3942.4		236544
		11/06/03	0315	27 17.48	85 26.98	6050	4.9	270	E - 5-10	3928.4		235704
		11/06/03	0330	27 17.45	85 28.59	9300	5.0	270	E - 5-10	3920		235200
		11/06/03	0345	27 17.42	85 29.66	10700	4.8	270	E - 5-10	3948		236880
		11/06/03	0400	27 17.42	85 31.02	10700	5.0	270	E - 5-10	3973.2		238392
		11/06/03	0415	27 17.42	85 32.40	10700	4.8	270	E - 5-10	3970.4		238224
		11/06/03	0430	27 17.40	85 33.70	10700	4.6	270	E - 5-10	3959.2		237552
		11/06/03	0445	27 17.43	85 34.99	10700	4.7	270	E - 5-10	3964.8		237888
		11/06/03	0500	27 17.47	85 36.32	10700	4.7	270	E - 5-10	3976		238560
		11/06/03	0515	27 17.50	85 37.79	10700	5.0	270	E - 5-10	3962		237720
		11/06/03	0530	27 17.52	85 39.16	10700	5.1	270	E - 5-10	3934		236040
		11/06/03	0545	27 17.53	85 40.47	10700	5.0	270	E - 5-10	3973.2		238392
		11/06/03	0600	27 17.53	85 41.87	10700	4.9	270	E - 5-10	3995.6		239736
		11/06/03	0615	27 17.52	85 43.26	10700	4.9	270	E - 5-10	3959.2		237552
		11/06/03	0630	27 17.50	85 44.63	10700	4.8	270	E - 5-10	3925.6		235536
		11/06/03	0645	27 18.15	85 44.18	10700	5.0	090	E - 5-10	3964.8		237888
		11/06/03	0700	27 18.17	85 42.66	10700	5.2	090	E - 5-10	3992.8		239568
		11/06/03	0715	27 18.07	85 41.23	10700	5.1	090	E - 5-10	3981.6		238896
		11/06/03	0730	27 18.05	85 39.82	10700	5.1	085	E - 5-10	3973.2		238392
		11/06/03	0745	27-18.06	85-38.27	10700	5.1	085	E - 5-10	3959.2		237552
		11/06/03	0800	27-18.08	85-36.57	10700	5.1	085	E - 5-10	3948		236880
		11/06/03	0815	27-18.18	85-35.56	10700	5.1	085	E - 5-10	3978.8		238728
		11/06/03	0830	27-18.23	85-34.16	10700	5.1	085	E - 5-10	3981.6		238896
		11/06/03	0845	27-18.34	85-32.76	10668	5.1	085	E - 5-10	3952.2		237132
		11/06/03	0900	27-18.45	85-31.38	10688	4.9	085	E - 5-10	3955		237300

11/06/03	0915	27-18.55	85-30.01	9000	4.7	085	E - 5-10	3977.4	238644
11/06/03	0930	27-18.68	85-28.70	9000	4.6	085	E - 5-10	3983	238980
11/06/03	0945	27-18.78	85-27.26	5400	5.3	085	E - 5-10	3994.2	239652
11/06/03	1000	27-18.90	85-25.79	4998	5.3	085	E - 5-10	3997	239820
11/06/03	1015	27-19.02	85-24.32	4800	5.2	085	E - 5-10	3973.2	238392
11/06/03	1030	27-19.15	85-22.87	4800	5.1	085	E - 5-10	3976	238560
11/06/03	1045	27-19.27	85-21.46	4200	5.0	085	E - 5-10	3984.4	239064
11/06/03	1100	27-19.40	85-20.06	3900	5.0	085	E - 5-10	3987.2	239232
11/06/03	1115	27-19.58	85-18.68	3600	4.9	085	E - 5-10	3990	239400
11/06/03	1130	27-19.66	85-17.32	3120	4.8	085	E - 5-10	3992.8	239568
11/06/03	1145	27 19.77	85 15.88	2820	5.1	085	E - 5-10	3981.6	238896
11/06/03	1200	27 19.86	85 15.45	3000	5.2	085	NE 10	3970.4	238224
11/06/03	1215	27 19.96	85 12.98	2880	5.2	085	NE 10	3948	236880
11/06/03	1230	27 20.48	85 11.55	2520	5.2	085	NE 10	3928.4	235704
11/06/03	1245	27 20.14	85 10.08	2500	5.2	085	NE 10	3970.4	238224
11/06/03	1300	27 20.23	85 08.57	2460	5.3	085	NE 10	3987.2	239232
11/06/03	1315	27 20.31	85 07.07	2390	5.3	085	NE 10	3962	237720
11/06/03	1330	27 20.46	85 05.56	2100	5.4	085	NE 10	3922.8	235368
11/06/03	1345	27 20.62	85 04.65	1900	4.9	085	NE 10	3945.2	236712
11/06/03	1400	27 20.76	85 02.78	1799	4.9	085	NE 10	3970.4	238224
11/06/03	1415	27 20.88	85 01.44	1500	4.9	085	NE 10	3990	239400
11/06/03	1430	27 20.87	85 00.09	1490	4.8	085	NE 10	3967.6	238056
11/06/03	1445	27 20.86	84 58.75	1450	4.9	085	NE 10	3973.2	238392
11/06/03	1500	27 20.89	84 57.33	1350	5.0	085	NE 10	3984.4	239064
11/06/03	1515	27 20.95	84 55.91	1200	5.1	085	NE 10	3992.8	239568
11/06/03	1530	27 21.02	84 54.51	1086	5.2	085	NE 10	3962	237720
11/06/03	1545	27 21.08	84 53.05	900	5.3	090	NE 10	3970.4	238224
11/06/03	1600	27 21.09	84 51.54	900	5.4	090	NE 10	3987.2	239232
11/06/03	1615	27 21.07	84 50.02	900	5.4	090	NE 10	3981.6	238896
11/06/03	1630	27 21.05	84 48.51	900	5.6	360	SE 10	3964.8	237888
11/06/03	1645	27 21.70	84 49.48	900	5.8	270	SE 10	3973.2	238392
11/06/03	1700	27 21.73	84 51.00	900	5.3	270	SE 10	3992.8	239568
11/06/03	1715	27 21.76	84 52.48	1080	5.4	270	SE 10	3981.6	238896
11/06/03	1730	27 21.81	84 53.99	1080	5.4	270	SE 10	3964.8	237888
11/06/03	1745	27 21.83	84 55.51	1200	5.5	270	SE 10	3973.2	238392
11/06/03	1800	27 21.86	84 57.07	1200	5.6	270	SE 10	3987.2	239232
11/06/03	1815	27 21.85	84 58.72	1500	5.8	270	SE 10	3978.8	238728
11/06/03	1830	27 21.84	85 00.22	1500	5.9	270	SE 10	3970.4	238224
11/06/03	1845	27 21.83	85 01.86	1680	5.9	270	SE 10	3967.6	238056
11/06/03	1900	27 21.83	85 03.54	1800	6.1	270	SE 10	3973.2	238392
11/06/03	1915	27 21.82	85 05.27	2100	6.1	270	SE 10	3976	238560
11/06/03	1930	27 21.83	85 06.99	2400	6.2	270	SE 10	3981.6	238896
11/06/03	1945	27-21.83	85-08.76	2400	6.4	270	SE-10	3974.6	238476
11/06/03	2000	27-21.89	85-10.56	2838	6.5	265	SE-10	3980.2	238812
11/06/03	2015	27-21.96	85-12.39	2838	6.6	270	SE-10	3973.2	238392
11/06/03	2030	27-21.01	85-14.24	3000	6.6	270	SE-10	3978.8	238728
11/06/03	2045	27-21.84	85-16.09	3000	6.5	270	SE-10	3971.8	238308
11/06/03	2100	27-21.78	85-17.91	4200	6.3	270	NE-10	3980.2	238812
11/06/03	2115	27-21.69	85-19.66	4400	6.1	270	NE-10	3976	238560
11/06/03	2130	27-21.60	85-21.34	4500	6.0	270	NE-10	3970.4	238224
11/06/03	2145	27-21.67	85-23.04	4800	6.1	270	NE-10	3973.2	238392
11/06/03	2200	27-21.70	85-24.74	6000	6.0	270	NE-10	3984.4	239064
11/06/03	2215	27-21.71	85-26.42	7500	5.9	270	NE-10	3962	237720
11/06/03	2230	27-21.70	85-28.08	9000	5.8	270	NE-10	3953.6	237216
11/06/03	2245	27-21.66	85-29.68	9000	5.7	270	NE-10	3960.6	237636
11/06/03	2300	27-21.66	85-31.48	9900	5.7	270	NE-10	3971.8	238308
11/06/03	2315	27-21.67	85-32.85	10680	5.5	270	NE-10	3957.8	237468

11/06/03	2330	27-21.65	85-34.35	10680	5.3	270	NE-10	3963.4	237804
11/06/03	2345	27 21.43	85 35.93	10680	5.4	270	NE-10	3959.2	237552
11/06/03	2400	27 21.66	85 37.69	10680	5.5	270	NE-10	3964.8	237888
11/07/03	0015	27 21.69	85 38.95	10680	5.4	270	NE-10	3936.8	236208
11/07/03	0030	27 21.71	85 40.07	10680	5.3	270	NE-10	3920	235200
11/07/03	0045	27 21.72	85 41.96	10680	5.2	270	NE-10	3948	236880
11/07/03	0100	27 21.69	85 43.57	10680	5.2	270	NE-10	3962	237720
11/07/03	0115	27 22.20	85 44.50	10680	5.2	085	NE-10	3864	231840
11/07/03	0130	27 22.95	85 43.51	10680	5.7	085	NE-10	3768.8	226128
11/07/03	0145	27 22.94	85 41.72	10680	5.7	085	NE-10	3298.4	197904
11/07/03	0200	27 22.94	85 40.96	10680	5.2	085	NE-10	2861.6	171696
11/07/03	0215	27 23.00	85 38.71	10680	5.2	085	NE-10	1008	60480
11/07/03	0215	Finish Cargo

5608.20 avg.bpl

Trip	Voyage	Date	Time	Lat.	Lon.	Depth (Fathoms)	Vessel Speed (Knots)	Course	Wind Speed Direction	Discharge Rate (GPM)	Comments	Discharge Rate (GPH)
27	HAD #3	11/08/03	1651	27-14.24	084-44.09	744	9.3	250	15-NE			START
		11/08/03	1700	27-13.85	084-45.41	744	7.9	252	15-NE	3997.2		239833
		11/08/03	1715	27-13.41	084-47.45	744	7.2	265	15-NE	3999.4		239964
		11/08/03	1730	27-13.36	084-49.49	744	7.2	270	15-NE	3999.1		239944
		11/08/03	1745	27-13.34	084-51.48	900	7.2	270	18-NE	3998.8		239928
		11/08/03	1800	27-13.34	084-53.46	900	7.0	270	18-NE	3999.6		239976
		11/08/03	1815	27-13.34	084-55.33	1200	6.4	270	18-NE	3999.1		239948
		11/08/03	1830	27-13.32	084-57.08	1200	6.2	270	18-NE	3999.6		239984
		11/08/03	1845	27-13.31	084-58.76	1362	5.8	267	15-NE	3998.9		239932
		11/08/03	1900	27-13.31	085-00.35	1362	5.6	270	15-NE	3999.4		239964
		11/08/03	1915	27-13.33	085-01.88	1800	5.4	271	15-NE	3999.5		239972
		11/08/03	1930	27-13.30	085-03.36	2400	5.2	268	15-NE	4000.4		240024
		11/08/03	1945	27-13.26	085-04.80	2718	5.2	267	14-NE	3999.3		239960
		11/08/03	2000	27-13.23	085-06.26	2718	5.4	266	14-NE	3999.2		239952
		11/08/03	2015	27-13.17	085-07.80	3318	5.5	268	14-NE	3999.6		239976
		11/08/03	2030	27-13.09	085-09.34	3318	5.4	267	12-NNE	3999.3		239984
		11/08/03	2045	27-13.07	085-10.82	3318	5.2	270	12-NNE	4000.1		240008
		11/08/03	2100	27-13.10	085-12.22	3318	5.1	270	12-NNE	3999.5		239972
		11/08/03	2115	27-13.12	085-13.72	3318	5.0	270	17-NE	3999.5		239968
		11/08/03	2130	27-13.11	085-15.14	3318	5.3	270	17-NE	3999.7		239980
		11/08/03	2145	27-13.10	085-16.60	3318	5.2	269	17-NE	3999.3		239956
		11/08/03	2200	27-13.12	085-18.06	3318	5.1	273	15-NNE	3999.1		239948
		11/08/03	2215	27-13.17	085-19.52	3318	5.5	271	15-NNE	3999.7		239984
		11/08/03	2230	27-13.19	085-21.04	3318	5.4	272	15-NNE	3999.4		239964
		11/08/03	2245	27-13.23	085-22.58	3318	5.6	269	15-NNE	4000.3		240020
		11/08/03	2300	27-13.22	085-24.14	3318	5.5	270	17-NE	3999.5		239972
		11/08/03	2315	27-13.24	085-25.70	3318	5.5	270	17-NE	3999.5		239968
		11/08/03	2330	27-13.24	085-27.21	3318	5.5	270	17-NE	3999.7		239980
		11/08/03	2345	27-13.23	085-28.76	3318	5.5	269	17-NE	3999.2		239952
		11/09/03	0000	27-13.24	085-30.31	3318	5.6	270	17-NE	3999.4		239964
		11/09/03	0015	27-13.26	085-31.87	3318	5.6	271	17-NE	3999.6		239976
		11/09/03	0030	27-13.28	085-33.49	9000	5.6	270	17-NE	3999.7		239984
		11/09/03	0045	27-13.30	085-35.03	9000	5.5	273	17-NE	3999.7		239992
		11/09/03	0100	27-13.30	085-36.59	9500	5.6	269	17-NE	3999.7		239980
		11/09/03	0115	27-13.25	085-38.18	10000	5.6	268	17-NE	3999.2		239952
		11/09/03	0130	27-13.27	085-39.74	10000	5.5	271	17-NE	3999.1		239948
		11/09/03	0145	27-13.31	085-41.29	10680	5.5	269	17-NE	3999.9		239992
		11/09/03	0200	27-13.21	085-42.86	10680	5.6	265	17-NE	3999.5		239968
		11/09/03	0215	27-13.21	085-44.51	10680	5.5	271	17-NE	3999.8		239988
		11/09/03	0230	27-13.26	085-46.17	10680	5.5	273	17-NE	3999.2		239952

11/09/03	0245	27-13.30	085-47.56	10680	5.7	272	17-NE	3999.7	239980
11/09/03	0300	27-13.51	085-49.11	10680	6.1	000	17-NE	3999.5	239972
11/09/03	0315	27-14.99	085-48.91	10680	6.4	358	17-NE	3999.4	239964
11/09/03	0330	27-16.49	085-48.94	10680	5.3	001	17-NE	3999.9	239996
11/09/03	0345	27-17.80	085-48.96	10680	5.7	002	17-NE	3999.6	239976
11/09/03	0400	27-18.18	085-47.33	10620	7.4	090	21-NE	3999.7	239984
11/09/03	0415	27-18.08	085-45.27	10635	6.8	093	21-NE	3999.7	239980
11/09/03	0430	27-17.98	085-43.41	10635	6.5	094	20-NE	3999.3	239960
11/09/03	0445	27-17.94	085-41.60	10635	6.4	092	20-NE	3999.8	239988
11/09/03	0500	27-17.89	085-39.83	10635	6.3	090	18-NE	3999.5	239972
11/09/03	0515	27-17.89	085-37.75	10650	6.3	090	18-NE	3999.6	239980
11/09/03	0530	27-17.91	085-36.24	10680	6.3	089	18-NE	3999.3	239956
11/09/03	0545	27-17.94	085-34.55	10680	6.2	089	18-NE	3999.7	239984
11/09/03	0600	27-17.96	085-32.84	10676	5.9	089	20-NE	3999.7	239980
11/09/03	0615	27-17.98	085-29.50	10676	5.6	090	20-NE	4000.4	240024
11/09/03	0630	27-17.98	085-28.77	10676	5.6	091	20-NE	3999.5	239992
11/09/03	0645	27-17.97	085-28.03	10668	5.5	091	23-NE	3999.5	239968
11/09/03	0700	27-17.94	085-26.51	6000	5.5	091	23-NE	3999.4	239964
11/09/03	0715	27-17.94	085-24.95	6000	5.5	092	23-NE	3999.6	239976
11/09/03	0730	27-17.94	085-23.46	6000	5.4	091	23-NE	3999.3	239960
11/09/03	0745	27-17.97	085-21.96	4611	5.3	088	23-NE	3999.2	239952
11/09/03	0800	27-18.00	085-20.51	4611	5.4	089	22-NE	3999.8	239988
11/09/03	0815	27-18.02	085-18.97	4200	5.4	089	22-NE	3999.5	239968
11/09/03	0830	27-18.07	085-17.47	4000	5.3	090	22-NE	3999.3	239956
11/09/03	0845	27-18.10	085-16.04	3500	5.0	087	23-NE	3999.1	239948
11/09/03	0900	27-18.14	085-14.51	3500	5.4	090	23-NE	4000.3	240020
11/09/03	0915	27-18.19	085-13.05	3000	5.4	088	23-NE	3999	239940
11/09/03	0930	27-18.22	085-11.34	3000	5.6	090	24-NE	3999.8	239988
11/09/03	0945	27-18.22	085-09.97	2500	5.6	090	24-NE	3999.3	239956
11/09/03	1000	27-18.25	085-08.54	2500	5.4	092	26-NE	3999.7	239984
11/09/03	1015	27-18.19	085-07.01	2500	5.1	095	26-NE	4000.1	240008
11/09/03	1030	27-18.09	085-05.52	2500	5.4	094	26-NE	3999.5	239996
11/09/03	1045	27-18.04	085-04.05	2500	5.8	090	26-NE	3999.5	239972
11/09/03	1100	27-17.98	085-02.47	2500	5.5	090	30-NNE	3999.1	239948
11/09/03	1115	27-17.98	085-00.93	2500	5.7	093	30-NNE	3999.5	239968
11/09/03	1130	27-17.91	084-59.33	2500	5.6	088	30-NNE	3999.7	239980
11/09/03	1145	27-17.89	084-57.74	2500	5.6	091	30-NNE	3999.6	239976
11/09/03	1200	27-17.90	084-56.18	2500	5.7	090	30-NNE	3999.6	239976
11/09/03	1215	27-17.91	084-54.57	2500	5.7	088	30-NNE	3999.7	239992
11/09/03	1230	27-17.92	084-53.24	1362	5.7	089	30-NNE	3999.5	239968
11/09/03	1245	27-17.92	084-51.31	1362	5.6	090	30-NNE	3999.5	239972
11/09/03	1300	27-17.95	084-49.72	1362	5.9	089	30-NNE	3999.6	239976
11/09/03	1315	27-17.98	084-48.08	1362	6.0	091	24-NNE	3999.7	239980
11/09/03	1330	27-17.99	084-46.38	1362	6.1	088	24-NNE	3999.5	239968
11/09/03	1345	27-19.03	084-45.64	1362	6.4	002	24-NNE	3999.6	239976
11/09/03	1400	27-20.40	084-45.63	1362	5.6	357	24-NNE	3999.7	239980
11/09/03	1415	27-21.01	084-47.49	786	7.2	270	24-NNE	3999.4	239964
11/09/03	1430	27-20.98	084-49.30	786	6.9	268	24-NNE	3999.6	239976
11/09/03	1445	27-21.10	084-51.08	786	6.3	273	19-NE	3999.2	239952
11/09/03	1500	27-21.19	084-52.80	786	6.0	274	18-NE	3999.5	239968
11/09/03	1515	27-21.27	084-54.50	786	5.9	274	18-NE	3999.6	239976
11/09/03	1530	27-21.38	084-56.04	786	6.0	274	18-NE	3999.3	239960
11/09/03	1545	27-21.47	084-57.89	1218	6.2	273	17-NE	3999.3	239948
11/09/03	1600	27-21.59	084-59.61	1086	6.3	272	19-NE	3999.7	239984
11/09/03	1615	27-27.72	085-01.39	1086	6.3	273	19-NE	3999.7	239980
11/09/03	1630	27-21.87	085-03.17	1086	6.3	279	19-NE	3999.4	239964
11/09/03	1645	27-22.02	085-04.91	2100	6.3	275	19-NE	3999.3	239956

11/09/03	1700	27-22.15	085-06.65	2400	6.3	278	22-NE	3999.9	239996
11/09/03	1715	27-22.32	085-08.40	2700	6.3	278	22-NE	3999.5	239972
11/09/03	1730	27-22.48	085-10.17	2700	6.4	279	22-NE	3999.7	239980
11/09/03	1745	27-22.66	085-11.98	2868	6.6	278	22-NE	4000.2	240012
11/09/03	1800	27-22.85	085-13.84	2868	6.7	279	22-NE	3999.9	239992
11/09/03	1815	27-23.03	085-15.76	2868	6.6	279	22-NE	3999.4	239964
11/09/03	1830	27-23.20	085-17.55	3600	6.4	276	22-NE	3999.7	239980
11/09/03	1845	27-23.29	085-19.30	4000	6.2	276	22-NE	3999.7	239972
11/09/03	1900	27-23.35	085-20.99	4998	5.9	280	22-NE	3999.7	239984
11/09/03	1915	27-23.40	085-22.60	4998	5.7	279	22-NE	3999.2	239952
11/09/03	1930	27-23.42	085-24.15	4998	5.5	276	22-NE	3999.6	239976
11/09/03	1945	27-23.40	085-25.73	5500	5.4	276	22-NE	3999.4	239964
11/09/03	2000	27-23.38	085-27.23	6000	5.3	267	24-ENE	4000.4	240024
11/09/03	2015	27-23.33	085-28.73	9000	5.2	267	24-ENE	3999.7	239984
11/09/03	2030	27-23.27	085-30.18	9000	5.1	267	24-ENE	3999.3	239956
11/09/03	2045	27-23.27	085-31.63	10000	5.6	265	21-NE	3999.5	239968
11/09/03	2100	27-23.17	085-33.17	10000	5.4	267	21-NE	3999.8	239988
11/09/03	2115	27-23.03	085-34.67	10680	5.3	268	21-NE	3999.7	239980
11/09/03	2130	27-22.96	085-36.25	10680	5.8	268	20-NE	3999.4	239964
11/09/03	2145	27-22.97	085-37.90	10680	5.7	270	20-NE	3999.1	239944
11/09/03	2200	27-22.96	085-39.51	10680	5.6	271	20-NE	4000.2	240012
11/09/03	2215	27-22.93	085-41.05	10680	5.6	266	20-NE	3999.1	239948
11/09/03	2230	27-22.84	085-42.66	10680	5.6	266	20-NE	4000.5	240028
11/09/03	2245	27-22.90	085-44.31	10680	5.5	275	20-NE	3999.6	239976
11/09/03	2300	27-23.00	085-45.71	10680	5.6	272	20-NE	3999.3	239956
11/09/03	2315	27-23.02	085-47.30	10680	5.4	272	20-NE	3999.5	239968
11/09/03	2330	27-23.15	085-48.93	10680	5.1	320	20-NE	3999.7	239980
11/09/03	2345	27-24.50	085-49.07	10680	6.4	006	20-NE	3999.4	239964
11/10/03	0000	27-26.00	085-48.92	10680	5.2	001	20-NE	3999.7	239984
11/10/03	0015	27-27.40	085-48.86	10560	6.2	001	20-NE	3999.5	239972
11/10/03	0030	27-28.75	085-48.42	10560	5.4	067	20-NE	3999.9	239992
11/10/03	0045	27-28.44	085-46.46	10560	7.7	098	20-NE	3999.7	239984
11/10/03	0100	27-28.15	085-44.27	10560	7.7	098	26-ENE	3999.6	239976
11/10/03	0115	27-28.01	085-42.12	10560	7.3	086	26-ENE	3999.5	239968
11/10/03	0130	27-27.99	085-40.08	10560	7.3	090	26-ENE	3999.8	239988
11/10/03	0145	27-27.99	085-38.04	10560	7.1	090	26-ENE	3999.7	239980
11/10/03	0200	27-28.01	085-36.13	10560	6.8	088	24-ENE	3999.5	239972
11/10/03	0215	27-28.01	085-34.19	10560	6.9	091	24-ENE	3999.4	239964
11/10/03	0230	27-27.98	085-32.25	10422	6.8	087	24-ENE	3999.5	239972
11/10/03	0245	27-28.00	085-30.40	9000	6.7	089	24-ENE	3999.9	239992
11/10/03	0300	27-28.02	085-28.58	6000	6.3	088	24-ENE	3999.7	239984
11/10/03	0315	27-28.02	085-26.66	5098	6.7	089	24-ENE	3999.8	239988
11/10/03	0330	27-28.03	085-24.83	4197	6.6	089	24-ENE	3999.7	239980
11/10/03	0345	27-28.01	085-23.05	3949	6.1	093	24-ENE	3999.5	239968
11/10/03	0400	27-27.94	085-21.37	3702	6.1	096	24-NE	3999.3	239960
11/10/03	0415	27-27.87	085-19.64	3339	6.3	092	27-NE	3999.7	239984
11/10/03	0430	27-27.82	085-17.71	3042	7.3	092	27-NE	3999.5	239968
11/10/03	0445	27-27.78	085-15.65	2922	7.4	091	27-NE	3999.3	239960
11/10/03	0500	27-27.74	085-13.61	2514	7.3	091	27-NE	3999.5	239968
11/10/03	0515	27-27.67	085-11.53	2445	7.4	093	25-NE	3999.9	239996
11/10/03	0530	27-27.59	085-09.38	2088	7.7	092	25-NE	3999.5	239972
11/10/03	0545	27-27.55	085-07.30	1944	7.6	090	25-NE	3999.2	239952
11/10/03	0600	27-27.57	085-05.18	1812	7.8	089	26-NE	3999.9	239992
11/10/03	0615	27-27.57	085-02.79	1950	7.8	090	26-NE	3999.6	239976
11/10/03	0630	27-27.55	085-00.72	1950	7.8	092	26-NE	3999.7	239980
11/10/03	0645	27-27.51	084-58.62	1830	7.0	091	26-NE	3999.7	239984
11/10/03	0700	27-27.44	084-56.76	1200	6.7	091	24-NE	3999.5	239972

11/10/03	0715	27-27.35	084-54.87	1050	6.7	094	24-ENE	3999.5	239968
11/10/03	0730	27-27.28	084-52.99	870	6.8	089	24-NE	3998.9	239936
11/10/03	0745	27-27.29	084-51.08	822	6.8	090	23-NE	3991.1	239468
11/10/03	0800	27-27.25	084-49.22	800	6.7	092	23-NE	1566.1	93988
11/10/03	0815	27-27.20	084-47.22	750	6.8	090	23-NE		STRIPPING
11/10/03	0818	27-27.20	084-46.73	725	6.7	090	23-NE		FINISH

Trip	Voyage	Date	Time	Lat.	Lon.	Depth (Fathoms)	Vessel Speed (Knots)	Course	Wind Speed Direction	Discharge Rate (GPM)	Comments	Discharge Rate (GPH)
28	NY #25	11/11/03	0800	27-17.71	84-48.62	900	5.4	270	ENE-15/20			START
		11/11/03	0815	27-17.57	84-50.42	940	4.8	270	ENE-15/20	3996.3		239778
		11/11/03	0830	27-17.54	84-51.80	960	5.1	270	ENE-15/20	3993.8		239630
		11/11/03	0845	27-17.55	84-53.15	1200	5.0	270	ENE-15/20	3984.4		239064
		11/11/03	0900	27-17.55	84-54.53	1362	4.8	270	ENE-15/20	3978.8		238728
		11/11/03	0915	27-17.58	84-56.10	1450	4.9	270	ENE-15/20	3987.2		239232
		11/11/03	0930	27-17.56	84-57.30	1450	4.8	270	ENE-15/20	3973.2		238392
		11/11/03	0945	27-17.58	84-58.71	1800	5.0	270	ENE-15/20	3990		239400
		11/11/03	1000	27-17.58	85-00.57	1850	4.8	270	ENE-15/20	3984.4		239064
		11/11/03	1015	27-17.56	85-01.49	1850	4.8	270	ENE-15/20	3981.6		238896
		11/11/03	1030	27-17.55	85-02.85	1975	5.5	270	ENE-15/20	3992.8		239568
		11/11/03	1045	27-17.52	85-04.28	2400	4.7	270	ENE-15/20	3976		238560
		11/11/03	1100	27-17.51	85-05.66	2700	5.1	270	ENE-15/20	3978.8		238728
		11/11/03	1115	27-17.51	85-07.22	2850	5.4	270	ENE-15/20	3987.2		239232
		11/11/03	1130	27-17.49	85-08.62	2850	5.1	270	ENE-15/20	3984.4		239064
		11/11/03	1145	27 17.46	85 09.99	2778	4.9	270	ENE-15/20	3970.4		238224
		11/11/03	1200	27 17.48	85 11.35	2940	4.8	270	ENE-15/20	3978.8		238728
		11/11/03	1215	27 17.49	85 12.73	3020	4.9	270	ENE-15/20	3973.2		238392
		11/11/03	1230	27 17.49	85 14.11	3300	4.9	270	ENE-15/20	3959.2		237552
		11/11/03	1245	27.17.49	85 15.51	3600	4.9	270	ENE-15/20	3948		236880
		11/11/03	1300	27 17.47	85 16.81	3720	4.7	270	ENE-15/20	3984.4		239064
		11/11/03	1315	27 17.50	85 18.13	4200	4.7	270	ENE-15/20	3976		238560
		11/11/03	1330	27 17.48	85 19.47	4800	4.8	270	ENE-15/20	3964.8		237888
		11/11/03	1345	27 17.52	85 20.79	4820	4.7	270	ENE-15/20	3931.2		235872
		11/11/03	1400	27 17.54	85 22.15	4990	4.6	270	ENE-15/20	3920		235200
		11/11/03	1415	27 17.57	85 23.45	5500	4.9	270	ENE-15/20	3967.6		238056
		11/11/03	1430	27 17.59	85 24.85	5800	4.9	270	ENE 15	3990		239400
		11/11/03	1445	27 17.61	85 26.24	6000	5.0	270	ENE 15	3928.4		235704
		11/11/03	1500	27 17.51	85 27.61	9000	5.1	270	ENE 15	3922.8		235368
		11/11/03	1515	27 17.47	85 29.02	10668	4.9	270	ENE 15	3950.8		237048
		11/11/03	1530	27 17.41	85 30.43	10680	4.8	270	ENE 15	3967.6		238056
		11/11/03	1545	27 17.41	85 31.78	10680	5.4	270	ENE 15	3981.6		238896
		11/11/03	1600	27 17.43	85 33.30	10680	5.4	270	ENE 15	3964.8		237888
		11/11/03	1615	27 17.41	85 34.82	10680	5.4	270	ENE 15	3959.367		237562
		11/11/03	1630	27 17.42	85 36.35	10680	5.4	270	ENE 15	3984.4		239064
		11/11/03	1645	27 17.44	85 37.86	10680	5.3	270	ENE 15	3994.3		239658
		11/11/03	1700	27 17.44	85 39.45	10680	5.1	270	ENE 15	3984.4		239064
		11/11/03	1715	27 17.44	85 40.71	10680	5.1	270	ENE 15	3976		238560
		11/11/03	1730	27 17.45	85 42.16	10680	5.1	270	ENE 15	3959.4		237562
		11/11/03	1745	27 17.43	85 43.62	10680	5.3	270	ENE 15	3970.4		238224
		11/11/03	1800	27 17.47	85 45.11	10680	5.3	270	ENE 15	3984.4		239064
		11/11/03	1815	27 18.14	85 44.19	10680	6.2	085	ENE 15	3992.8		239568
		11/11/03	1830	27 18.02	85 42.54	10680	5.4	085	ENE 15	3981.6		238896
		11/11/03	1845	27 17.92	85 40.90	10680	5.8	085	ENE 15	3970.4		238224
		11/11/03	1900	27 17.94	85 39.27	10680	5.9	085	ENE 15	3962		237720
		11/11/03	1915	27 18.02	85 39.70	10680	5.3	085	ENE 15	3953.6		237216
		11/11/03	1930	27-18.11	85-36.26	10680	5.1	085	ENE 15	3942.4		236544
		11/11/03	1945	27-18.22	85-34.84	10680	5.0	085	ENE 15	3959.2		237552

11/11/03	2000	27-18.29	85-33.44	10668	5.0	085	ENE 15	3967.6	238056
11/11/03	2015	27-18.39	85-32.05	10688	4.9	085	ENE 15	3950.8	237048
11/11/03	2030	27-18.46	85-30.68	10688	5.0	085	ENE 15	3945.2	236712
11/11/03	2045	27-18.53	85-29.30	10688	5.0	085	ENE 15	3959.2	237552
11/11/03	2100	27-18.65	85-27.95	10680	4.8	085	ENE 15	3964.8	237888
11/11/03	2115	27-18.83	85-26.43	10680	4.9	085	ENE 15	3978.8	238728
11/11/03	2130	27-18.95	85-25.22	4998	5.0	085	ENE 15	3981.6	238896
11/11/03	2145	27-19.08	85-23.84	4998	4.9	085	ENE 15	3970.4	238224
11/11/03	2200	27-19.17	85-22.47	4800	4.8	085	ENE 15	3967.6	238056
11/11/03	2215	27-19.27	85-21.11	4200	4.9	085	ENE 15	3976	238560
11/11/03	2230	27-19.38	85-19.75	3900	4.9	085	ENE 15	3978.8	238728
11/11/03	2245	27-19.51	85-18.39	3400	4.8	085	ENE 15	3973.2	238392
11/11/03	2300	27-19.66	85-17.05	3300	4.8	085	ENE 15	3956.4	237384
11/11/03	2315	27-19.79	85-15.76	3000	4.7	085	ENE 15	3990	239400
11/11/03	2330	27-19.88	85-14.38	3000	4.9	085	ENE 15	3987.2	239232
11/11/03	2345	27 19.98	85 12.88	2838	5.2	085	ENE 15	3981.6	238896
11/11/03	2400	27 20.14	85 11.49	2820	5.0	085	ENE 15	3992.8	239568
11/12/03	0015	27 20.30	85 10.10	2760	4.8	085	ENE 15	3962	237720
11/12/03	0030	27 20.49	85 08.76	2700	5.0	085	ENE 15	3942.4	236544
11/12/03	0045	27 20.55	85 07.47	2400	4.8	085	ENE 15	3936.8	236208
11/12/03	0100	27 20.47	85 06.20	2100	4.7	085	ENE 15	3978.8	238728
11/12/03	0115	27 20.44	85 04.90	2050	4.8	085	ENE 15	3964.8	237888
11/12/03	0130	27 20.44	85 03.48	1900	5.0	085	ENE 15	3939.6	236376
11/12/03	0145	27 20.43	85 02.01	1680	5.0	085	ENE 15	3959.2	237552
11/12/03	0200	27 20.42	85 00.40	1380	5.0	085	ENE 15	3990	239400
11/12/03	0215	27 20.45	84 59.11	1362	5.0	085	ENE 15	3970.4	238224
11/12/03	0230	27 20.54	84 57.53	1320	5.2	085	ENE 15	3962	237720
11/12/03	0245	27 20.63	84 56.25	1200	5.2	085	ENE 15	3950.8	237048
11/12/03	0300	27 20.70	84 54.82	1080	5.3	085	ENE 15	3925.6	235536
11/12/03	0315	27 20.75	84 53.38	1080	5.2	085	ENE 15	3964.8	237888
11/12/03	0330	27 20.79	84 51.97	900	5.2	085	ENE 15	3992.8	239568
11/12/03	0345	27 20.86	84 50.50	900	5.2	085	ENE 15	3981.6	238896
11/12/03	0400	27 20.89	84 49.04	900	5.2	085	ENE 15	3970.4	238224
11/12/03	0415	27 21.78	84 49.40	900	6.0	270	ENE 15	3967.6	238056
11/12/03	0430	27 21.74	84 51.09	900	5.9	270	ENE 15	3984.4	239064
11/12/03	0445	27 21.77	84 52.73	900	5.9	270	ENE 15	3987.2	239232
11/12/03	0500	27 21.71	84 54.43	1200	5.9	270	ENE 15	3970.4	238224
11/12/03	0515	27 21.71	84 56.04	1200	5.8	270	ENE 15	3967.6	238056
11/12/03	0530	27 21.73	84 57.69	1500	5.9	270	ENE 15	3984.4	239064
11/12/03	0545	27 21.79	84 59.37	1500	5.8	270	ENE 15	3978.8	238728
11/12/03	0600	27 21.85	85 00.96	1500	5.8	270	ENE 15	3973.2	238392
11/12/03	0615	27 21.86	85 02.62	1800	5.8	270	ENE 15	3970.4	238224
11/12/03	0630	27 21.85	85 04.25	1800	5.8	270	ENE 15	3959.4	237562
11/12/03	0645	27 21.84	85 05.94	2100	6.1	270	ENE 15	3967.6	238056
11/12/03	0700	27 21.81	85 07.64	2400	6.0	270	E 15	3978.8	238728
11/12/03	0715	27 21.80	85 09.75	2400	5.8	270	E 15	3984.4	239064
11/12/03	0730	27 21.80	85 10.88	2700	5.8	270	E 15	3973.2	238392
11/12/03	0745	27 21.79	85 12.51	2838	5.8	270	E 15	3973.2	238392
11/12/03	0800	27 21.22	85 14.12	2838	5.6	270	E 15	3978.8	238728
11/12/03	0815	27 21.66	85 15.60	3000	5.6	270	E 15	3981.6	238896
11/12/03	0830	27 21.55	85 17.07	3150	5.2	270	E 15	3964.8	237888
11/12/03	0845	27 21.59	85 18.48	4200	5.0	270	E 15	3976	238560
11/12/03	0900	27 21.65	85 19.90	4800	5.0	270	E 15	3987.2	239232
11/12/03	0915	27 22.59	85 19.71	4800	4.9	035	E 15	3967.6	238056
11/12/03	0930	27 23.64	85 18.51	4700	6.5	085	E 15	3978.8	238728
11/12/03	0945	27 23.80	85 16.60	4700	6.5	085	E 15	3970.4	238224
11/12/03	1000	27 23.92	85 14.87	2838	6.1	085	E 15	3992.8	239568

11/12/03	1015	27 24.18	85 13.22	2700	6.1	085	E 15	3953.6	237216
11/12/03	1030	27 24.32	85 11.50	2400	6.1	085	E 15	3964.8	237888
11/12/03	1045	27 24.44	85 09.82	2088	6.1	085	E 15	3973.2	238392
11/12/03	1100	27 24.58	85 08.14	1800	6.1	085	E 15	3978.8	238728
11/12/03	1115	27 24.73	85 06.41	1700	6.2	085	E 15	3998.4	239904
11/12/03	1130	27 24.88	85 04.67	1500	6.3	085	E 15	3981.6	238896
11/12/03	1145	27 25.04	85 02.90	1450	6.3	085	E 15	3976	238560
11/12/03	1200	27 25.16	85 01.10	1425	6.3	085	E 15	3984.4	239064
11/12/03	1215	27 25.26	84 59.39	1362	5.1	085	E 15	3948	236880
11/12/03	1230	27 25.33	84 58.04	1240	4.7	085	E 15	3945.2	236712
11/12/03	1245	27 25.40	84 56.42	1220	4.8	085	E 15	3987.2	239232
11/12/03	1300	27 25.44	84 55.37	1080	4.8	085	E 15	3992.8	239568
11/12/03	1315	27 25.51	84 54.03	1020	4.7	085	E 15	3925.6	235536
11/12/03	1325	27 25.59	84 52.72	1011	4.8	085	E 15	1820	109200
11/12/03	1325	27 25.59	84 52.72	1011	4.8	085	E 15		Finish

Trip	Voyage	Date	Time	Lat.	Lon.	Depth (Fathoms)	Vessel Speed (Knots)	Course	Wind Speed Direction	Discharge Rate (GPM)	Comments	Discharge Rate (GPH)
29	HAD #4	11/13/03	2020	27-13.50	084-45.24	720	7.4	272	27-NE			START
		11/13/03	2030	27-13.58	084-46.49	720	6.6	273	27-NE	3971.85		238311
		11/13/03	2045	27-13.60	084-48.34	780	6.6	270	27-NE	3998.6		239916
		11/13/03	2100	27-13.61	084-50.21	780	6.5	271	24-NNE	4000.3		240020
		11/13/03	2115	27-13.66	084-52.00	780	6.3	273	24-NNE	3999.5		239972
		11/13/03	2130	27-13.65	084-53.75	810	6.3	270	24-NNE	3999.7		239984
		11/13/03	2145	27-13.57	084-55.50	810	6.1	270	24-NNE	3999.8		239988
		11/13/03	2200	27-13.64	084-57.16	810	6.1	271	26-NE	3999.6		239976
		11/13/03	2215	27-13.62	084-58.86	810	5.9	266	26-NE	3999.4		239964
		11/13/03	2230	27-13.54	085-00.54	810	5.7	270	26-NE	3999.7		239980
		11/13/03	2245	27-13.43	085-02.09	810	5.7	260	26-NE	3999.8		239988
		11/13/03	2300	27-13.22	085-03.64	810	5.5	260	26-NE	3999.7		239984
		11/13/03	2315	27-13.22	085-05.28	810	6.1	277	26-NE	3999.6		239976
		11/13/03	2330	27-13.22	085-07.09	2718	6.5	266	26-NE	3999.9		239992
		11/13/03	2345	27-13.23	085-08.63	2718	5.5	271	26-NE	4000.2		240012
		11/14/03	0000	27-13.25	085-10.24	2718	5.7	271	26-NE	3999.9		239996
		11/14/03	0015	27-13.26	085-11.81	2718	5.5	270	26-NE	3999.8		239988
		11/14/03	0030	27-13.28	085-13.42	2718	6.0	271	26-NE	3999.7		239980
		11/14/03	0045	27-13.30	085-15.23	2718	6.3	270	26-NE	3999.5		239972
		11/14/03	0100	27-13.29	085-16.87	3400	6.3	267	24-NE	3999.4		239964
		11/14/03	0115	27-13.28	085-18.65	3400	6.3	272	24-NE	3999.7		239992
		11/14/03	0130	27-13.31	085-20.40	4000	6.1	272	24-NE	3999.7		239984
		11/14/03	0145	27-13.31	085-22.21	4800	6.2	270	24-NE	3999.6		239976
		11/14/03	0200	27-13.27	085-23.85	7500	6.1	267	24-NE	3999.5		239968
		11/14/03	0215	27-13.24	085-25.60	9000	6.2	268	17-NE	3999.7		239980
		11/14/03	0230	27-13.26	085-27.30	9500	6.1	272	17-NE	3999.9		239996
		11/14/03	0245	27-13.29	085-28.98	10000	6.0	272	17-NE	3999.4		239964
		11/14/03	0300	27-13.29	085-30.71	10200	6.2	267	17-NE	3999.8		239988
		11/14/03	0315	27-13.25	085-32.40	10200	5.9	269	17-NE	3999.5		239968
		11/14/03	0330	27-13.28	085-34.15	10200	6.4	271	17-NE	3999.7		239984
		11/14/03	0345	27-13.30	085-35.91	10200	6.1	274	17-NE	3999.2		239952
		11/14/03	0400	27-13.37	085-37.70	10320	6.3	271	23-NE	3999.1		239944
		11/14/03	0415	27-13.48	085-39.90	10320	6.1	271	23-NE	3999.3		239960
		11/14/03	0430	27-13.54	085-41.14	10680	6.1	274	27-ENE	3999.4		239964
		11/14/03	0445	27-13.66	085-42.92	10680	6.5	275	27-ENE	3999.3		239996
		11/14/03	0500	27-13.80	085-44.76	10680	6.5	277	27-ENE	3999.5		239972
		11/14/03	0515	27-13.95	085-46.54	10680	6.5	271	27-ENE	3999.3		239960
		11/14/03	0530	27-14.09	085-48.41	10620	6.7	276	25-NE	3999.3		239956
		11/14/03	0545	27-15.56	085-48.63	10620	7.2	003	25-NE	3999.4		239964

11/14/03	0600	27-17.19	085-48.51	10620	6.4	004	25-NE	3999.7	239980
11/14/03	0615	27-17.93	085-47.26	10620	7.5	090	25-NE	3999.6	239976
11/14/03	0630	27-17.89	085-45.33	10600	5.9	093	25-NE	3999.5	239968
11/14/03	0645	27-17.81	085-43.79	10600	6.3	094	25-NE	3999.5	239972
11/14/03	0700	27-17.70	085-42.08	10600	6.1	093	25-NE	3999.8	239988
11/14/03	0715	27-17.61	085-40.28	10500	6.2	093	23-NE	3999.7	239984
11/14/03	0730	27-17.56	085-38.63	10500	6.2	091	23-NE	3999.7	239980
11/14/03	0745	27-17.50	085-36.85	10500	6.3	094	25-NE	3999.6	239976
11/14/03	0800	27-17.44	085.35.12	10000	6.3	093	22-ENE	3999.5	239972
11/14/03	0815	27-17.37	085-33.33	10000	6.5	092	22-ENE	3999.5	239968
11/14/03	0830	27-17.27	085-31.14	9500	6.6	092	22-ENE	3999.4	239964
11/14/03	0845	27-17.23	085-29.63	9500	6.6	092	22-ENE	3999.6	239976
11/14/03	0900	27-17.17	085-27.72	9000	6.7	091	21-NE	4000.2	240012
11/14/03	0915	27-17.12	085-25.58	7000	6.8	092	21-NE	3999.9	239992
11/14/03	0930	27-17.11	085-23.94	5000	7.0	090	21-NE	3999.7	239980
11/14/03	0945	27-17.09	085-22.00	5000	6.9	091	21-NE	3999.6	239976
11/14/03	1000	27-17.08	085-20.12	5000	6.6	091	21-NE	3999.4	239964
11/14/03	1015	27-17.10	085-18.28	5000	6.3	083	21-NE	3999.5	239972
11/14/03	1030	27-17.79	085-16.90	5000	5.8	061	21-NE	3999.3	239956
11/14/03	1045	27-18.55	085-15.47	3318	6.1	059	21-NE	4000.1	240008
11/14/03	1100	27-19.40	085-13.99	3318	6.2	058	18-E	4000.1	239998
11/14/03	1115	27-20.26	085-12.53	3318	6.3	056	18-E	3999.5	239968
11/14/03	1130	27-21.17	085-11.09	2838	6.3	051	18-E	3999.7	239984
11/14/03	1145	27-22.06	085-09.64	2838	6.4	057	18-E	3999.8	239988
11/14/03	1200	27-22.95	085-08.15	2838	6.4	054	18-E	3999.5	239968
11/14/03	1215	27-24.13	085-06.63	2838	6.5	051	18-E	3999.8	239988
11/14/03	1230	27-24.75	085-05.10	2838	6.7	068	18-E	3999.7	239980
11/14/03	1245	27-25.40	085-03.39	2088	6.6	069	18-E	3999.9	239992
11/14/03	1300	27-25.99	085-01.65	2088	6.7	071	15-E	3999.8	239988
11/14/03	1315	27-26.62	084-59.82	2088	6.9	068	15-E	3999.5	239972
11/14/03	1330	27-27.24	084-57.91	2088	6.9	065	15-E	3999.9	239996
11/14/03	1345	27-27.91	084-56.26	2088	7.0	066	15-E	3999.3	239960
11/14/03	1400	27-28.04	084-54.40	2088	6.8	094	11-E	3999.7	239984
11/14/03	1415	27-27.88	084-52.50	1026	6.9	093	11-E	3999.6	239976
11/14/03	1430	27-27.47	084-50.69	1026	7.0	127	11-E	3999.5	239968
11/14/03	1445	27-26.44	084-49.01	1026	7.2	124	11-E	3999.3	239960
11/14/03	1500	27-25.46	084-47.40	864	7.0	125	11-E	3999.5	239968
11/14/03	1515	27-23.82	084-46.95	864	7.4	223	11-E	3999.8	239988
11/14/03	1530	27-22.55	084-48.27	864	8.1	223	11-E	3999.6	239976
11/14/03	1545	27-20.99	084-49.83	864	8.1	221	6-NE	3999.4	239964
11/14/03	1600	27-19.49	084-51.27	786	7.6	224	12-E	3999.5	239972
11/14/03	1615	27-18.02	084-52.66	786	6.1	270	12-E	3999.4	239964
11/14/03	1630	27-17.82	084-54.05	1362	5.8	276	12-E	3999.5	239972
11/14/03	1645	27-17.80	084-55.65	1362	5.7	269	12-E	3999.7	239984
11/14/03	1700	27-17.76	084-57.23	1362	5.6	275	12-E	3999.1	239948
11/14/03	1715	27-17.70	084-58.51	1500	5.6	275	12-E	3999.7	239984
11/14/03	1730	27-17.66	085-00.39	1800	5.6	275	12-E	3999.5	239968
11/14/03	1745	27-17.60	085-01.95	2000	5.6	275	12-E	3999.5	239972
11/14/03	1800	27-17.55	085-03.52	2100	5.5	266	10-E	3999.8	239988
11/14/03	1815	27-17.43	085-05.05	2400	5.3	268	10-E	4000.1	240008
11/14/03	1830	27-17.38	085-06.54	2718	5.3	267	10-E	3999.9	239992
11/14/03	1845	27-17.32	085-07.98	2718	5.3	267	10-E	3999.7	239984
11/14/03	1900	27-17.24	085-09.46	2838	5.2	266	10-E	3999.3	239960
11/14/03	1915	27-17.13	085-10.96	2838	5.5	288	10-E	3999.6	239980
11/14/03	1930	27-17.74	085-12.49	3318	6.4	288	10-E	3999.6	239976
11/14/03	1945	27-18.07	085-14.27	3318	6.5	288	10-E	3999.7	239984
11/14/03	2000	27-18.51	085-16.40	3320	6.4	281	12-E	3999.5	239972

11/14/03	2015	27-18.67	085-17.79	3500	6.3	278	12-E	3999.8	239988
11/14/03	2030	27-18.93	085-19.57	3750	6.4	280	12-E	3999.5	239968
11/14/03	2045	27-19.23	085-21.35	4200	6.5	281	12-E	3999.7	239984
11/14/03	2100	27-19.54	085-23.13	5300	6.4	282	15-E	3999.3	239996
11/14/03	2115	27-19.81	085-24.90	6000	6.4	279	15-E	3999.7	239984
11/14/03	2130	27-20.07	085-26.71	7500	6.5	279	15-E	3999.3	239956
11/14/03	2145	27-20.44	085-29.10	7600	6.6	280	15-E	3999.6	239976
11/14/03	2200	27-20.65	085-30.37	7600	6.6	282	15-E	3999.5	239972
11/14/03	2215	27-21.01	085-32.19	10680	6.7	281	15-E	3999.7	239980
11/14/03	2230	27-21.38	085-33.99	10680	6.7	284	15-E	3999.7	239984
11/14/03	2245	27-21.78	085-35.84	10680	6.8	284	15-E	3999.9	239996
11/14/03	2300	27-22.18	085-37.69	10680	6.8	280	5-NE	3999.1	239944
11/14/03	2315	27-22.51	085-39.65	10680	6.4	279	5-NE	3999.8	239988
11/14/03	2330	27-22.77	085-41.28	10680	6.0	279	5-NE	3999.5	239972
11/14/03	2345	27-22.94	085-42.90	10680	6.0	274	5-NE	4000.1	240004
11/15/03	0000	27-22.99	085-44.57	10680	5.9	270	4-NE	3999.4	239964
11/15/03	0015	27-23.03	085-46.24	10680	6.0	273	4-NE	3999.5	239968
11/15/03	0030	27-23.06	085-47.92	10680	6.0	273	4-NE	3999.5	239972
11/15/03	0045	27-23.61	085-49.10	10680	5.6	002	4-NE	3999.9	239996
11/15/03	0100	27-25.18	085-49.03	10680	6.7	003	4-NE	3999.9	239992
11/15/03	0115	27-26.84	085-48.98	10680	6.6	359	4-NE	3999.8	239988
11/15/03	0130	27-28.18	085-48.53	10680	5.2	088	4-NE	3999.7	239984
11/15/03	0145	27-28.12	085-46.90	10680	6.1	091	4-NE	3999.7	239980
11/15/03	0200	27-28.04	085-45.17	10680	6.3	096	4-NE	3999.6	239976
11/15/03	0215	27-28.01	085-43.41	10680	6.1	090	14-SE	3999.3	239960
11/15/03	0230	27-27.98	085-41.69	10680	6.1	092	14-SE	3999.9	239992
11/15/03	0245	27-27.96	085-40.07	10680	5.7	092	14-SE	3999.9	239996
11/15/03	0300	27-27.98	085-38.46	10680	5.7	090	14-SE	3999.5	239972
11/15/03	0315	27-27.99	085-36.91	10680	5.2	090	14-SE	3999.3	239960
11/15/03	0330	27-27.98	085-35.46	10680	5.1	091	14-SE	3999.3	239956
11/15/03	0345	27-27.96	085-34.00	10680	5.5	087	14-SE	3999.7	239992
11/15/03	0400	27-27.98	085-32.42	9000	5.7	091	14-SE	3999.7	239980
11/15/03	0415	27-27.97	085-30.80	7000	5.8	090	14-SE	3999.5	239968
11/15/03	0430	27-27.98	085-29.17	5000	5.9	090	14-SE	3999.8	239988
11/15/03	0445	27-27.98	085-27.44	4200	5.9	090	14-SE	3999.5	239972
11/15/03	0500	27-27.98	085-25.80	3960	6.0	091	14-SE	3999.2	239952
11/15/03	0515	27-27.94	085-24.04	3700	6.1	091	14-SE	3999.9	239992
11/15/03	0530	27-27.92	085-22.16	3500	5.8	091	14-SE	3999.5	239968
11/15/03	0545	27-27.90	085-20.84	3300	5.9	092	12-SE	3999.7	239980
11/15/03	0600	27-27.87	085-19.18	3000	5.9	092	12-SE	3999.6	239976
11/15/03	0615	27-27.84	085-17.52	3800	5.6	091	12-SE	3999.4	239964
11/15/03	0630	27-27.92	085-15.95	3750	5.5	088	12-SE	3999.7	239980
11/15/03	0645	27-27.90	085-14.40	3200	5.3	092	10-ESE	3999.8	239988
11/15/03	0700	27-27.90	085-13.00	2900	5.3	090	10-ESE	3999.7	239984
11/15/03	0715	27-27.93	085-11.49	2400	5.4	091	10-ESE	3999.3	239972
11/15/03	0730	27-28.95	085-10.31	2300	5.4	089	10-ESE	3999.6	239976
11/15/03	0745	27-28.03	085-08.54	2088	5.0	084	10-ESE	3999.2	239952
11/15/03	0800	27-28.07	085-07.03	1920	6.3	089	14-ESE	3999.5	239968
11/15/03	0815	27-28.20	085-04.89	1800	6.4	087	14-ESE	3999.5	239972
11/15/03	0830	27-28.26	085-03.41	1700	5.9	086	14-ESE	3999.4	239964
11/15/03	0845	27-28.41	085-01.80	1600	5.6	083	14-ESE	3999.7	239984
11/15/03	0900	27-28.53	085-00.24	1500	5.7	082	14-ESE	3999.5	239968
11/15/03	0915	27-28.69	084-58.60	1300	5.7	086	15-SE	3999.6	239976
11/15/03	0930	27-28.80	084-57.08	1180	5.7	086	15-SE	3999.3	239960
11/15/03	0945	27-28.90	084-55.51	1100	5.6	088	15-SE	3999.4	239964
11/15/03	1000	27-29.05	084-53.94	1026	5.5	085	15-SE	3999.2	239952
11/15/03	1015	27-29.19	084-52.23	1026	5.5	085	15-SE	3999.1	239944

11/15/03	1030	27-29.31	084-50.87	1026	5.4	086	15-SE	3999.1	239948
11/15/03	1045	27-29.49	084-49.39	1026	5.5	082	15-SE	3999.3	239956
11/15/03	1100	27-29.71	084-47.81	1026	5.6	081	15-SE	3975.5	238532
11/15/03	1115	27-30.19	084-46.33	1026	6.0	051	15-SE	3692.5	221548
11/15/03	1125	27-31.23	084-44.82	1026	6.1	052	15-SE		FINISH

Trip	Voyage	Date	Time	Lat.	Lon.	Depth (Fathoms)	Vessel Speed (Knots)	Course	Wind Speed Direction	Discharge Rate (GPM)	Comments	Discharge Rate (GPH)
30	NY #26	11/16/03	0315	27 17.56	84 50.40	1080	9.0	270	E 5-10			START
		11/16/03	0330	27 17.65	84 51.66	1140	4.8	270	E 5-10	3964.1		237848
		11/16/03	0345	27 17.72	84 52.94	1140	5.1	270	E 5-10	3990		239400
		11/16/03	0400	27 17.78	84 54.29	1200	4.8	270	E 5-10	3973.2		238392
		11/16/03	0415	27 17.82	84 55.80	1200	4.9	270	E 5-10	3978.8		238728
		11/16/03	0430	27 17.82	84 57.07	1500	5.0	270	E 5-10	3984.4		239064
		11/16/03	0445	27 17.74	84 58.48	1500	5.1	270	E 5-10	3987.2		239232
		11/16/03	0500	27 17.65	84 59.87	1500	4.8	270	E 5-10	3973.2		238392
		11/16/03	0515	27 17.59	85 01.27	1500	4.9	270	E 5-10	3978.8		238728
		11/16/03	0530	27 17.54	85 02.69	1800	5.0	270	E 5-10	3995.6		239736
		11/16/03	0545	27 17.53	85 04.08	2100	5.0	270	E 5-10	3992.8		239568
		11/16/03	0600	27 17.56	85 05.52	2400	5.4	270	E 5-10	3984.4		239064
		11/16/03	0615	27 17.57	85 07.04	2400	5.4	270	E 5-10	3973.2		238392
		11/16/03	0630	27 17.60	85 08.54	2700	5.3	270	E 5-10	3964.8		237888
		11/16/03	0645	27 17.62	85 10.05	2880	5.4	270	E 5-10	3959.2		237552
		11/16/03	0700	27 17.65	85 11.54	3000	5.4	270	SE 10	3973.2		238392
		11/16/03	0715	27 17.66	85 13.05	3000	5.4	270	SE 10	3967.6		238056
		11/16/03	0730	27 17.68	85 14.55	3000	5.4	270	SE 10	3956.4		237384
		11/16/03	0745	27 17.68	85 16.06	4200	5.4	270	SE 10	3981.6		238896
		11/16/03	0800	27 17.68	85 17.60	4200	5.5	270	SE 10	3998.4		239904
		11/16/03	0815	27 17.66	85 19.14	4500	5.5	270	SE 10	3995.6		239736
		11/16/03	0830	27 17.67	85 20.70	4998	5.6	270	SE 10	3987.2		239232
		11/16/03	0845	27 17.66	85 22.23	4998	5.4	270	SE 10	3950.8		237048
		11/16/03	0900	27 17.65	85 23.75	5400	5.4	270	SE 10	3959.2		237552
		11/16/03	0915	27 17.64	85 24.94	6000	5.4	270	SE 10	3984.4		239064
		11/16/03	0930	27 17.62	85 26.82	9000	5.5	270	SE 10	3981.6		238896
		11/16/03	0945	27 17.63	85 28.36	10668	5.5	270	SE 10	3976		238560
		11/16/03	1000	27 17.64	85 29.90	10668	5.5	270	SE 10	3987.2		239232
		11/16/03	1015	27 17.68	85 31.45	10688	5.5	270	SE 10	3990		239400
		11/16/03	1030	27 17.73	85 33.01	10688	5.6	270	SE 10	3967.6		238056
		11/16/03	1045	27 17.74	85 34.57	10688	5.6	270	SE 10	3992.8		239568
		11/16/03	1100	27 17.73	85 36.14	10680	5.6	270	SE 10	3990		239400
		11/16/03	1115	27 17.76	85 37.73	10680	5.7	270	SE 10	3978.8		238728
		11/16/03	1130	27 17.67	85 39.30	10680	5.6	270	SE 10	3981.6		238896
		11/16/03	1145	27 17.53	85 41.11	10680	5.7	270	SE 10	3976		238560
		11/16/03	1200	27 17.42	85 42.51	10680	5.7	270	SE 10	3942.8		236568
		11/16/03	1215	27 17.47	85 44.14	10680	5.9	330	SE 10	3987.2		239232
		11/16/03	1230	27 18.40	85 43.54	10680	5.7	090	SE 15-20	3992.8		239568
		11/16/03	1245	27 18.50	85 41.84	10680	5.2	090	SE 15-20	3945.2		236712
		11/16/03	1300	27 18.48	85 40.37	10680	4.7	090	SSE 15	3928.4		235704
		11/16/03	1315	27 18.45	85 39.02	10680	4.7	090	SSE 15	3942.4		236544
		11/16/03	1330	27 18.41	85 37.70	10680	4.7	090	SSE 15	3970.4		238224
		11/16/03	1345	27 18.37	85 36.40	10680	4.7	085	SSE 15	3950.8		237048
		11/16/03	1400	27 18.40	85 35.02	10680	4.7	085	SSE 15	3934		236040
		11/16/03	1415	27 18.49	85 33.73	10680	4.8	085	SSE 15	3953.6		237216
		11/16/03	1430	27 18.59	85 32.41	10680	4.7	085	SSE 15	3976		238560
		11/16/03	1445	27 18.65	85 31.11	10668	4.7	085	SSE 15	3987.2		239232
		11/16/03	1500	27 18.70	85 29.80	10668	4.8	085	SSE 15	3948		236880
		11/16/03	1515	27 18.72	85 28.43	9000	4.8	085	SSE 15	3953.6		237216

11/16/03	1530	27 18.77	85 27.05	7200	4.8	085	SSE 15	3973.2	238392
11/16/03	1545	27 18.40	85 25.84	7200	4.7	122	SSE 15	3978.8	238728
11/16/03	1600	27 17.70	85 24.82	5100	4.7	122	SSE 15	3970.4	238224
11/16/03	1615	27 17.00	85 23.79	5100	4.7	127	SSE 15	3973.2	238392
11/16/03	1630	27 16.29	85 22.75	4800	4.5	130	SSE 15	3978.8	238728
11/16/03	1645	27 15.58	85 21.71	4800	4.7	130	SSE 15	3967.6	238056
11/16/03	1700	27 14.85	85 20.73	4800	4.9	130	SSE 15	3956.4	237384
11/16/03	1715	27 14.16	85 19.51	4800	5.0	130	SSE 15	3959.2	237552
11/16/03	1730	27 13.68	85 18.30	4800	4.9	130	SSE 15	3967.6	238056
11/16/03	1745	27 14.38	85 18.71	4200	5.9	324	SE 15	3970.4	238224
11/16/03	1800	27 15.53	85 19.69	4200	5.4	324	SE 15	3973.2	238392
11/16/03	1815	27 16.57	85 20.53	4200	5.0	324	SE 15	3962	237720
11/16/03	1830	27 17.55	85 21.41	4800	5.0	324	SE 15	3948	236880
11/16/03	1845	27 18.54	85 22.30	4800	5.0	324	SE 15	3990	239400
11/16/03	1900	27 19.54	85 23.18	4800	5.0	324	SE 15	3998.4	239904
11/16/03	1915	27 20.53	85 24.05	4800	5.1	324	SE 15	3995.6	239736
11/16/03	1930	27 21.54	85 24.91	4800	5.1	324	SE 15	3990	239400
11/16/03	1945	27 22.54	85 25.79	4800	5.1	324	SE 15	3934	236040
11/16/03	2000	27 23.56	85 26.66	4800	5.2	324	SE 15	3945.2	236712
11/16/03	2015	27 24.58	85 27.55	6000	5.2	324	SE 15	3962	237720
11/16/03	2030	27 25.62	85 28.45	6000	5.2	324	SE 15	3987.2	239232
11/16/03	2045	27 26.59	85 29.41	6000	5.2	324	SE 15	3995.6	239736
11/16/03	2100	27 27.60	85 30.33	6000	5.2	324	SE 15	3990	239400
11/16/03	2115	27 28.65	85 31.24	6000	5.2	324	SE 15	3978.8	238728
11/16/03	2130	27 29.72	85 32.05	6000	5.1	358	SE 15	3979.7	238792
11/16/03	2145	27 30.13	85 31.09	6000	5.1	143	SE 15	3970.4	238224
11/16/03	2200	27 29.17	85 30.03	5100	5.1	135	SE 15	3987.2	239232
11/16/03	2215	27 28.33	85 28.90	4200	5.5	135	SE 15	3981.6	238896
11/16/03	2230	27 27.27	85 27.30	4300	5.4	135	SE 15	3964.8	237888
11/16/03	2245	27 26.30	85 26.72	4300	5.5	135	SE 15	3967.6	238056
11/16/03	2300	27 25.32	85 25.63	4300	5.5	135	SE 15	3984.4	239064
11/16/03	2315	27 24.33	85 24.54	4300	5.6	135	SE 15	3976	238560
11/16/03	2330	27 23.29	85 23.49	4300	5.6	135	SE 15	3981.6	238896
11/16/03	2345	27 22.17	85 22.38	4080	5.6	135	SE 15	3962	237720
11/16/03	2400	27 21.18	85 21.41	4005	5.6	135	SE 15	3990	239400
11/17/03	0015	27 20.12	85 20.35	3990	5.6	135	SE 15	3984.4	239064
11/17/03	0030	27 19.04	85 19.31	3900	5.6	135	SE 15	3967.6	238056
11/17/03	0045	27 17.97	85 18.26	3650	5.6	135	SE 15	3962	237720
11/17/03	0100	27 16.91	85 17.22	3600	5.6	135	SE 15	3973.2	238392
11/17/03	0115	27 15.84	85 16.20	3420	5.6	135	SE 15	3981.6	238896
11/17/03	0130	27 16.28	85 15.24	3400	5.2	325	SE 15	3953.6	237216
11/17/03	0145	27 17.25	85 16.23	3500	5.2	325	SE 15	3987.2	239232
11/17/03	0200	27 18.31	85 17.35	3550	5.3	325	SE 15	3964.8	237888
11/17/03	0215	27 19.35	85 17.98	3600	5.2	325	SE 15	3978.8	238728
11/17/03	0230	27 20.42	85 18.84	3660	5.2	325	SE 15	3973.2	238392
11/17/03	0245	27 21.49	85 19.0	3680	5.2	325	SE 15	3931.2	235872
11/17/03	0300	27 22.55	85 20.55	3700	5.3	325	SE 15	3916.7	235000
11/17/03	0315	27 23.66	85 21.41	3720	5.3	325	SE 15	3953.6	237216
11/17/03	0330	27 24.70	85 22.25	3750	5.4	325	SE 15	3973.2	238392
11/17/03	0345	27 25.84	85 23.11	3900	5.4	325	SE 15	3987.2	239232
11/17/03	0400	27 26.95	85 23.97	3900	5.4	325	SE 15	3976	238560
11/17/03	0415	27 28.07	85 24.85	3900	5.4	325	SE 15	3981.6	238896
11/17/03	0430	27 29.19	85 25.71	3900	5.4	325	SE 15	3964.8	237888
11/17/03	0445	27 30.27	85 26.58	3900	5.4	325	SE 15	3976	238560
11/17/03	0500	27 31.44	85 27.01	3900	5.4	325	SE 15	3987.2	239232
11/17/03	0515	27 31.13	85 28.66	3900	5.8	325	SE 15	3959.2	237552
11/17/03	0530	27 30.39	85 29.16	3600	6.1	325	SE 15	3936.8	236208

11/17/03	0545	27 29.26	85 22.67	3300	5.2	120	SE 15	3959.2	237552
11/17/03	0600	27 29.19	85 21.38	3300	5.4	120	SE 15	3976	238560
11/17/03	0615	27 28.50	85 20.11	3000	5.2	120	SE 15	3953.6	237216
11/17/03	0630	27 27.80	85 18.85	3000	5.3	120	SE 15	3936.8	236208
11/17/03	0645	27 27.12	85 17.55	2880	5.4	120	SE 15	3964.8	237888
11/17/03	0700	27 26.34	85 16.32	2760	5.4	120	SE 15	3987.2	239232
11/17/03	0715	27 25.52	85 15.13	2760	5.4	120	SE 15	3981.6	238896
11/17/03	0730	27 24.67	85 13.93	2700	5.5	120	SE 15	3970.4	238224
11/17/03	0745	27 23.81	85 12.74	2700	5.3	120	SE 15	3962	237720
11/17/03	0800	27 22.93	85 11.56	2400	5.5	120	SE 15	3976	238560
11/17/03	0815	27 22.05	85 10.39	2400	5.4	120	SE 15	3850	231000
11/17/03	0830	27 21.17	85 09.24	2400	5.4	120	SE 15	3732.4	223944
11/17/03	0845	27 20.27	85 08.11	2400	5.4	120	SE 15	1271.2	76272
11/17/03	0845	27 20.27	85 08.11	2400	5.4	120	SE 15		FINISH

Trip	Voyage	Date	Time	Lat.	Lon.	Depth (Fathoms)	Vessel Speed (Knots)	Course	Wind Speed Direction	Discharge Rate (GPM)	Comments	Discharge Rate (GPH)
31	HAD #5	11/18/03	1815	27-13.57	084-43.68	750	7.0	255	26-ESE			START
		11/18/03	1830	27-13.41	084-45.43	780	6.0	263	26-ESE	3998.6		239896
		11/18/03	1845	27-13.45	084-47.10	800	6.2	273	26-ESE	3998.7		239932
		11/18/03	1900	27-13.49	084-48.81	822	6.1	272	26-ESE	3999.6		239976
		11/18/03	1915	27-13.53	084-50.49	900	5.8	269	26-ESE	3999.4		239964
		11/18/03	1930	27-13.50	084-52.10	1128	5.7	269	26-ESE	3999.5		239972
		11/18/03	1945	27-13.50	084-53.70	1140	5.7	270	26-ESE	3999.6		239976
		11/18/03	2000	27-13.48	084-55.29	1200	5.6	271	22-ESE	3999.4		239964
		11/18/03	2015	27-13.50	084-57.02	1290	5.6	271	22-ESE	3999.3		239960
		11/18/03	2030	27-13.50	084-58.42	1380	5.5	270	22-ESE	3999.4		239968
		11/18/03	2045	27-13.54	084-59.97	1600	5.6	273	22-ESE	3999.8		239988
		11/18/03	2100	27-13.54	085-01.52	1770	5.6	271	17-ESE	3999.7		239980
		11/18/03	2115	27-13.56	085-03.11	2040	5.7	272	17-ESE	3999.7		239984
		11/18/03	2130	27-13.55	085-04.69	2450	5.7	270	21-ESE	3999.9		239992
		11/18/03	2145	27-13.62	085-06.29	2640	5.8	273	21-ESE	3999.6		239976
		11/18/03	2200	27-13.70	085-07.91	2640	5.6	272	21-ESE	3999.5		239972
		11/18/03	2215	27-13.75	085-09.47	2640	5.7	273	21-ESE	3999.5		239968
		11/18/03	2230	27-13.71	085-11.04	2640	5.6	268	21-ESE	3999.3		239960
		11/18/03	2245	27-13.68	085-12.66	3318	5.6	268	21-ESE	3999.5		239972
		11/18/03	2300	27-13.66	085-14.21	3318	5.6	269	26-S	3999.7		239980
		11/18/03	2315	27-13.64	085-15.81	3318	5.7	269	26-S	3999.7		239984
		11/18/03	2330	27-13.54	085-17.31	3318	5.6	267	26-S	3999.9		239992
		11/18/03	2345	27-13.49	085-18.91	3318	5.7	266	26-S	3999.8		239988
		11/19/03	0000	27-13.37	085-20.48	3318	5.7	267	26-S	3999.9		239996
		11/19/03	0015	27-13.28	085-22.06	3318	5.6	271	26-S	3999.9		239992
		11/19/03	0030	27-13.35	085-23.75	3318	5.8	271	26-S	3999.4		239964
		11/19/03	0045	27-13.40	085-25.31	3318	5.9	271	26-S	3999.5		239968
		11/19/03	0100	27-13.44	085-26.95	3318	5.7	272	27-SE	3999.8		239988
		11/19/03	0115	27-13.43	085-28.55	3318	5.6	269	27-SE	3999.7		239984
		11/19/03	0130	27-13.34	085-30.12	3318	5.6	266	27-SE	3999.5		239972
		11/19/03	0145	27-13.34	085-31.54	3318	5.3	270	27-SE	3999.6		239976
		11/19/03	0200	27-13.35	085-33.09	3318	5.4	271	26-SE	3999.7		239980
		11/19/03	0215	27-13.33	085-34.60	3318	5.5	269	26-SE	3999.6		239976
		11/19/03	0230	27-13.33	085-36.21	3318	5.8	270	26-SE	3999.3		239960
		11/19/03	0245	27-13.26	085-37.80	3318	5.9	270	26-SE	3999.5		239968
		11/19/03	0300	27-13.27	085-39.40	3318	5.8	271	22-S	3999.7		239984
		11/19/03	0315	27-13.28	085-41.01	3318	5.8	271	22-S	3999.5		239968
		11/19/03	0330	27-13.27	085-42.65	3318	5.8	271	22-S	3999.9		239992
		11/19/03	0345	27-13.32	085-44.20	3318	5.9	273	22-WNW	3999.7		239980
		11/19/03	0400	27-13.41	085-45.93	10658	5.9	273	22-NNW	3999.6		239976

11/19/03	0415	27-13.48	085-47.45	10658	6.0	274	22-NW	3999.7	239984
11/19/03	0430	27-14.59	085-48.67	10658	7.8	357	25-NW	3999.4	239964
11/19/03	0445	27-17.00	085-48.83	10658	7.4	355	25-NW	3999.9	239996
11/19/03	0500	27-18.40	085-48.40	10635	5.3	049	25-NW	3999.8	239988
11/19/03	0515	27-18.48	085-46.64	10635	6.9	091	15-NW	3999.5	239972
11/19/03	0530	27-18.56	085-44.82	10635	6.2	089	15-NW	3999.3	239960
11/19/03	0545	27-18.53	085-43.11	10560	6.2	092	15-NW	3999.1	239948
11/19/03	0600	27-18.51	085-41.34	10560	6.2	092	15-NW	3999.6	239976
11/19/03	0615	27-18.49	085-39.61	10560	5.9	089	25-NW	3999.7	239980
11/19/03	0630	27-18.48	085-37.85	10560	5.7	091	25-NW	3999.8	239988
11/19/03	0645	27-18.45	085-36.37	10320	5.7	090	25-NW	3999.7	239992
11/19/03	0700	27-18.43	085-34.82	10320	5.7	092	25-NW	3999.5	239972
11/19/03	0715	27-18.35	085-33.23	9900	6.0	093	27-NW	.999.7	239984
11/19/03	0730	27-18.39	085-31.54	9700	6.1	084	27-NW	3999.9	239996
11/19/03	0745	27-18.57	085-29.83	9300	6.1	082	27-NW	4000.1	240008
11/19/03	0800	27-18.54	085-28.12	9100	6.3	099	31-NW	3999.8	239988
11/19/03	0815	27-18.35	085-26.31	8000	6.4	097	31-NW	3999.6	239976
11/19/03	0830	27-18.20	085-24.55	6500	6.5	096	31-NW	3999.5	239972
11/19/03	0845	27-18.05	085-22.70	5800	6.6	095	31-NW	3999.5	239968
11/19/03	0900	27-17.87	085-20.88	5000	6.6	097	31-NW	3999.4	239964
11/19/03	0915	27-17.98	085-19.10	4500	6.2	084	31-NW	3999.9	239992
11/19/03	0930	27-18.00	085-17.34	4500	6.3	089	31-NW	3999.7	239984
11/19/03	0945	27-18.02	085-15.54	3600	6.4	090	31-NW	3999.5	239968
11/19/03	1000	27-18.01	085-13.76	3600	6.3	087	31-NW	3999.3	239956
11/19/03	1015	27-17.81	085-12.01	3600	6.6	102	31-NW	3999.9	239996
11/19/03	1030	27-17.42	085-10.17	3288	6.7	100	31-NW	3999.7	239980
11/19/03	1045	27-17.07	085-08.27	3000	6.9	102	32-NW	3999.6	239976
11/19/03	1100	27-16.63	085-06.40	2520	7.0	105	32-NW	3999.4	239964
11/19/03	1115	27-16.20	085-04.45	2500	7.1	106	32-NW	3999.7	239984
11/19/03	1130	27-15.73	085-02.55	2400	7.0	104	32-NW	3999.8	239988
11/19/03	1145	27-15.35	085-00.62	1800	7.0	100	32-NW	3999.5	239972
11/19/03	1200	27-15.03	084-58.72	1800	6.9	099	33-NW	3999.4	239964
11/19/03	1215	27-14.55	084-56.51	1460	7.2	106	33-NW	3999.5	239972
11/19/03	1230	27-14.16	084-54.80	1650	7.8	101	33-NW	3999.7	239980
11/19/03	1245	27-14.08	084-52.48	1600	9.1	094	33-NW	3999.7	239980
11/19/03	1300	27-14.03	084-49.93	900	9.1	086	33-NW	3999.5	239968
11/19/03	1315	27-14.18	084-47.41	900	8.7	085	33-NW	3999.9	239992
11/19/03	1330	27-14.52	084-47.93	900	5.7	274	33-NW	3999.3	239960
11/19/03	1345	27-14.71	084-49.38	900	4.5	282	30-NW	3999.6	239976
11/19/03	1400	27-14.95	084-50.62	876	4.7	282	25-NW	3999.3	239996
11/19/03	1415	27-15.22	084-51.98	900	4.7	284	25-NW	3999.3	239960
11/19/03	1430	27-15.47	084-53.29	936	5.1	283	25-NW	3999.4	239964
11/19/03	1445	27-15.73	084-54.65	950	5.1	283	25-NW	3999.7	239984
11/19/03	1500	27-15.99	084-56.01	1260	4.8	281	24-NW	3999.9	239992
11/19/03	1515	27-16.22	084-57.30	1440	4.4	282	24-NW	3999.3	239960
11/19/03	1530	27-16.52	084-58.78	1560	5.5	287	24-NW	3999.7	239980
11/19/03	1545	27-16.82	085-00.15	1560	4.7	285	24-NW	3999.3	239960
11/19/03	1600	27-17.10	085-01.42	1800	4.7	284	23-NW	3999.5	239972
11/19/03	1615	27-17.41	085-02.71	1800	4.8	288	23-NW	3999.1	239944
11/19/03	1630	27-17.76	085-04.07	2100	5.1	286	23-NW	3999.8	239988
11/19/03	1645	27-17.12	085-05.47	2250	5.3	286	23-NW	3999.7	239984
11/19/03	1700	27-18.49	085-06.80	2400	4.8	289	23-NW	3999.7	239980
11/19/03	1715	27-18.82	085-08.01	2400	4.6	287	24-NW	3999.3	239956
11/19/03	1730	27-19.25	085-09.44	2580	5.5	289	24-NW	3999.3	239960
11/19/03	1745	27-19.68	085-10.80	2700	5.0	286	24-NW	3999.6	239976
11/19/03	1800	27-20.19	085-12.33	2838	5.7	289	24-NW	3999.7	239984
11/19/03	1815	27-20.64	085-13.75	2838	5.6	289	26-NW	3999.7	239980

11/19/03	1830	27-21.09	085-15.17	3000	5.9	285	26-NW	3999.8	239988
11/19/03	1845	27-21.37	085-16.50	3000	4.0	285	26-NW	3999.7	239984
11/19/03	1900	27-21.65	085-17.70	3318	4.6	284	26-NW	3999.9	239992
11/19/03	1915	27-22.00	085-19.02	3642	5.0	288	26-NW	3999.5	239972
11/19/03	1930	27-22.28	085-20.46	3642	5.4	282	26-NW	3999.7	239980
11/19/03	1945	27-22.60	085-21.88	4632	5.1	287	28-NW	3999.6	239976
11/19/03	2000	27-22.91	085-23.33	4800	5.3	283	30-NNW	3999.7	239984
11/19/03	2015	27-23.22	085-24.85	5000	5.0	282	30-NNW	3999.5	239968
11/19/03	2030	27-23.52	085-26.20	5500	5.5	288	30-NNW	3999.4	239964
11/19/03	2045	27-23.84	085-27.66	6000	5.5	287	35-N	3999.7	239968
11/19/03	2100	27-24.22	085-29.07	6200	5.2	302	35-N	3999.7	239980
11/19/03	2115	27-24.95	085-30.49	7500	5.9	300	35-N	3999.7	239980
11/19/03	2130	27-25.58	085-31.81	9000	5.2	288	35-N	3999.9	239992
11/19/03	2145	27-25.99	085-33.30	9050	5.5	290	35-N	3999.7	239984
11/19/03	2200	27-26.42	085-34.79	9300	5.4	291	35-N	3999.5	239972
11/19/03	2215	27-26.82	085-36.18	9300	5.6	286	35-N	3999.3	239960
11/19/03	2230	27-27.17	085-37.70	9300	5.6	286	32-N	3999.6	239976
11/19/03	2245	27-27.56	085-39.32	9300	6.2	283	30-N	3999.3	239972
11/19/03	2300	27-27.92	085-40.89	10200	5.8	282	30-N	3999.7	239980
11/19/03	2315	27-28.33	085-42.50	10200	6.4	286	31-N	3999.7	239984
11/19/03	2330	27-28.76	085-44.29	10200	5.9	283	31-N	3999.6	239976
11/19/03	2345	27-29.09	085-45.92	10200	6.8	280	31-N	3999.5	239968
11/20/03	0000	27-29.42	085-47.75	10200	6.7	281	33-N	3999.9	239996
11/20/03	0015	27-29.69	085-49.51	10200	6.7	278	29-N	3999.4	239964
11/20/03	0030	27-29.99	085-51.26	10200	6.2	283	30-N	3999.8	239988
11/20/03	0045	27-30.25	085-53.04	10200	6.5	278	30-N	3999.5	239972
11/20/03	0100	27-30.47	085-54.82	10200	7.8	249	30-N	3999.9	239992
11/20/03	0115	27-30.01	085-53.20	10200	7.7	093	30-N	3999.7	239980
11/20/03	0130	27-29.90	085-51.13	10200	7.4	092	24-N	3999.5	239968
11/20/03	0145	27-29.74	085-49.04	10200	8.1	100	25-N	3999.6	239976
11/20/03	0200	27-29.29	085-46.80	10200	8.4	104	25-N	3999.5	239968
11/20/03	0215	27-28.92	085-44.45	10200	8.3	099	25-N	3999.5	239972
11/20/03	0230	27-28.46	085-42.02	10200	8.6	106	27-N	3999.8	239988
11/20/03	0245	27-27.79	085-39.77	9800	8.7	109	27-N	3999.9	239996
11/20/03	0300	27-26.44	085-37.48	9800	8.8	116	23-N	3999.3	239956
11/20/03	0315	27-26.06	085-35.09	9680	8.9	111	24-N	3999.5	239972
11/20/03	0330	27-25.29	085-32.87	9680	8.8	111	25-N	3999.4	239964
11/20/03	0345	27-24.44	085-30.55	8000	8.9	113	23-N	3999.5	239972
11/20/03	0400	27-23.55	085-28.25	7200	9.0	114	25-N	3999.2	239952
11/20/03	0415	27-22.95	085-25.88	6000	8.1	086	25-N	3999.7	239980
11/20/03	0430	27-23.03	085-23.59	5100	8.5	088	25-N	3999.7	239984
11/20/03	0445	27-23.13	085-21.13	4800	8.7	087	29-N	3998.7	239936
11/20/03	0500	27-23.24	085-18.71	3120	8.5	088	29-N	3999.9	239992
11/20/03	0515	27-23.41	085-15.86	2880	8.7	084	29-N	3999.5	239972
11/20/03	0530	27-23.57	085-13.89	2800	8.7	085	29-N	3999.7	239980
11/20/03	0545	27-23.69	085-11.45	2400	8.9	087	29-N	3999.6	239976
11/20/03	0600	27-23.89	085-08.99	2300	8.9	083	29-N	3999.4	239964
11/20/03	0615	27-24.18	085-06.51	2200	8.8	080	29-N	3999.5	239968
11/20/03	0630	27-24.57	085-04.07	1700	8.8	082	25-N	3999.5	239972
11/20/03	0645	27-24.99	085-01.53	1500	8.6	077	25-N	3999.3	239960
11/20/03	0700	27-25.38	084-59.30	1320	8.6	078	25-N	3999.2	239952
11/20/03	0715	27-25.77	084-56.93	1240	8.7	079	25-N	3999.3	239956
11/20/03	0730	27-26.13	084-54.58	1180	8.1	083	25-N	3999.1	239944
11/20/03	0745	27-26.48	084-52.34	1090	8.2	080	25-N	3996.3	239792
11/20/03	0800	27-26.87	084-49.99	810	8.2	078	19-N		STRIPPING
11/20/03	0815	27-27.11	084-47.51	810	8.2	078	19-N		FINISH

Trip	Voyage	Date	Time	Lat.	Lon.	Depth (Fathoms)	Vessel Speed (Knots)	Course	Wind Speed Direction	Discharge Rate (GPM)	Comments	Discharge Rate (GPH)
32	NY #27	11/21/03	0800	27 17.81	84 47.48	786	6.8	270	E/10			START
		11/21/03	0815	27 17.62	84 49.17	900	4.8	270	E/10	3974.3		238456
		11/21/03	0830	27 17.55	84 50.56	1100	5.1	270	E/10	3984.4		239064
		11/21/03	0845	27 17.55	84 52.05	1200	5.2	270	E/10	3976		238560
		11/21/03	0900	27 17.49	84 53.48	1200	5.4	270	E/10	3987.2		239232
		11/21/03	0915	27 17.45	84 54.98	1200	4.9	270	E/10	3990		239400
		11/21/03	0930	27 17.44	84 56.35	1362	5.0	270	E/10	3967.6		238056
		11/21/03	0945	27 17.40	84 57.78	1362	5.2	270	E/10	3981.6		238896
		11/21/03	1000	27 17.39	84 59.25	1362	5.0	270	E/10	3992.8		239568
		11/21/03	1015	27 17.40	85 00.72	1362	5.3	270	E/10	3998.4		239904
		11/21/03	1030	27 17.40	85 02.23	1800	5.4	270	E/10	3978.8		238728
		11/21/03	1045	27 17.43	85 03.75	3000	5.6	270	E/10	3973.2		238392
		11/21/03	1100	27 17.46	85 05.22	3000	5.2	270	E/10	3967.6		238056
		11/21/03	1115	27 17.51	85 06.67	3200	5.2	270	E/10	3987.2		239232
		11/21/03	1130	27 17.55	85 08.12	3318	5.3	270	E/10	3981.6		238896
		11/21/03	1145	27 17.61	85 09.77	2778	5.2	270	E/10	3970.4		238224
		11/21/03	1200	27 17.68	85 11.09	2940	5.3	270	E/10	3976		238560
		11/21/03	1215	27 17.72	85 12.57	3000	5.4	270	E/10	3970.4		238224
		11/21/03	1230	27 17.74	85 14.11	3300	5.3	270	E/10	3956.4		237384
		11/21/03	1245	27 17.74	85 15.42	3360	5.1	270	E/10	3992.8		239568
		11/21/03	1300	27 17.82	85 16.96	3600	5.3	270	E/10	3978.8		238728
		11/21/03	1315	27 17.78	85 18.48	3700	5.4	270	E/10	3953.6		237216
		11/21/03	1330	27 17.76	85 19.79	3820	4.6	270	E/10	3928.4		235704
		11/21/03	1345	27 17.68	85 21.15	4010	5.0	270	E/10	3936.8		236208
		11/21/03	1400	27 17.61	85 22.53	4300	5.1	270	E/10	3948		236880
		11/21/03	1415	27 17.52	85 23.99	4800	5.2	270	E/10	3967.6		238056
		11/21/03	1430	27 17.53	85 25.49	5500	5.4	270	E/10	3990		239400
		11/21/03	1445	27 17.57	85 26.94	8000	5.3	270	E/10	3964.8		237888
		11/21/03	1500	27 17.61	85 28.51	9005	5.4	270	E/10	3992.8		239568
		11/21/03	1515	27 17.59	85 29.96	10668	5.4	270	E/10	3950.8		237048
		11/21/03	1530	27 17.61	85 31.47	10680	5.4	270	E/10	3928.4		235704
		11/21/03	1545	27 17.52	85 32.97	10680	5.6	270	E 10	3984.4		239064
		11/21/03	1600	27 17.56	85 34.58	10680	5.8	270	E 10	3998.4		239904
		11/21/03	1615	27 17.58	85 36.20	10680	5.9	270	E 10	3964.8		237888
		11/21/03	1630	27 17.60	85 37.84	10680	5.8	270	E 10	3939.6		236376
		11/21/03	1645	27 17.57	85 39.49	10680	5.9	270	E 10	3970.4		238224
		11/21/03	1700	27 17.61	85 41.15	10680	5.9	270	E 10	3990		239400
		11/21/03	1715	27 17.55	85 42.84	10680	5.9	270	E 10	3976		238560
		11/21/03	1730	27 17.55	85 44.52	10680	5.9	270	E 10	3945.2		236712
		11/21/03	1745	27 18.50	85 45.03	10680	4.1	090	E 10	3970.4		238224
		11/21/03	1800	27 18.58	85 43.71	10680	5.3	090	E 10	3987.2		239232
		11/21/03	1815	27 18.40	85 42.29	10680	5.2	090	NE 10	3984.4		239064
		11/21/03	1830	27 18.25	85 40.85	10680	5.3	090	NE 10	3970.4		238224
		11/21/03	1845	27 18.19	85 39.38	10680	5.3	090	NE 10	3964.8		237888
		11/21/03	1900	27 18.09	85 37.90	10680	5.3	085	NE 10	3981.6		238896
		11/21/03	1915	27 18.18	85 36.38	10680	5.6	085	NE 10	3970.4		238224
		11/21/03	1930	27 18.29	85 34.86	10680	5.5	085	NE 10	3959.2		237552
		11/21/03	1945	27 18.39	85 33.31	10680	5.6	085	NE 10	3992.8		239568
		11/21/03	2000	27 18.51	85 31.75	10680	5.7	085	NE 10	3990		239400
		11/21/03	2015	27 18.62	85 30.15	10680	5.8	085	NE 10	3978.8		238728
		11/21/03	2030	27 18.73	85 28.60	10680	5.4	085	NE 10	3970.4		238224
		11/21/03	2045	27 18.85	85 27.10	9000	5.4	085	NE 10	3981.6		238896
		11/21/03	2100	27 18.96	85 25.53	4998	5.5	085	NE 10	3973.2		238392
		11/21/03	2115	27 19.05	85 23.99	4998	5.7	085	NE 10	3998.4		239904

11/21/03	2130	27 19.13	85 22.41	4998	5.6	085	NE 10	3987.2	239232
11/21/03	2145	27 19.26	85 20.82	3600	5.4	085	NE 10	3995.6	239736
11/21/03	2200	27 19.40	85 19.22	3600	5.7	085	NE 10	3998.4	239904
11/21/03	2215	27 19.56	85 17.60	3600	5.7	085	NE 10	3992.8	239568
11/21/03	2230	27 19.69	85 16.05	3000	5.4	085	NE 10	3984.4	239064
11/21/03	2245	27 19.81	85 14.52	3000	5.4	085	NE 10	3987.2	239232
11/21/03	2300	27 19.90	85 13.01	2838	5.4	085	NE 10	3981.6	238896
11/21/03	2315	27 20.02	85 11.47	2780	5.4	085	NE 10	3995.6	239736
11/21/03	2330	27 20.12	85 09.90	2510	5.4	085	NE 10	3984.4	239064
11/21/03	2345	24 20.24	85 08.31	2460	5.5	085	NE 10	3992.8	239568
11/21/03	2400	27 20.35	85 06.80	2340	5.5	085	NE 10	3978.8	238728
11/22/03	0015	27 20.46	85 05.22	2100	5.7	085	NE 10	3967.6	238056
11/22/03	0030	27 20.58	85 03.58	1800	5.8	085	NE 10	3953.6	237216
11/22/03	0045	27 20.72	85 01.93	1601	5.8	085	NE 10	3973.2	238392
11/22/03	0100	27 20.85	85 00.36	1500	5.8	085	NE 10	3990	239400
11/22/03	0115	27 20.98	84 58.71	13.62	5.9	085	NE 10	3973.2	238392
11/22/03	0130	27 21.07	84 57.07	1260	5.8	085	NE 10	3992.8	239568
11/22/03	0145	27 21.11	84 55.42	1170	5.9	085	NE 10	3987.2	239232
11/22/03	0200	27 21.13	84 53.78	1086	5.9	090	NE 10	3970.4	238224
11/22/03	0215	27 21.17	84 52.13	906	5.8	090	NE 10	3962	237720
11/22/03	0230	27 21.07	84 50.48	840	5.8	090	NE 10	3990	239400
11/22/03	0245	27 21.88	84 50.43	845	5.9	270	NE 10	3984.4	239064
11/22/03	0300	27 21.83	84 52.03	870	5.3	270	NE 10	3973.2	238392
11/22/03	0315	27 21.82	84 53.49	1086	5.1	270	NE 10	3992.8	239568
11/22/03	0330	27 21.81	84 54.92	1140	5.2	270	NE 10	3959.2	237552
11/22/03	0345	27 21.82	84 56.38	1200	5.2	270	NE 10	3970.4	238224
11/22/03	0400	27 21.87	84 57.82	1200	5.2	270	NE 10	3987.2	239232
11/22/03	0415	27 21.89	84 59.30	1500	5.3	270	NE 10	3981.6	238896
11/22/03	0430	27 21.91	85 00.83	1500	5.4	270	NE 10	3970.4	238224
11/22/03	0445	27 21.91	85 02.31	1700	5.4	270	NE 10	3973.2	238392
11/22/03	0500	27 21.90	85 03.82	1800	5.4	270	NE 10	3984.4	239064
11/22/03	0515	27 21.90	85 05.37	1900	5.4	270	NE 10	3981.6	238896
11/22/03	0530	27 21.88	85 06.90	2400	5.5	270	NE 10	3976	238560
11/22/03	0545	27 21.81	85 08.44	2400	5.5	270	NE 10	3973.2	238392
11/22/03	0600	27 21.79	85 10.00	2520	5.6	270	NE 10	3967.6	238056
11/22/03	0615	27 21.81	85 11.60	2520	5.6	270	NE 10	3964.8	237888
11/22/03	0630	27 21.82	85 13.16	2840	5.7	270	NE 10	3970.4	238224
11/22/03	0645	27 21.83	85 14.80	3000	5.9	270	NE 10	3973.2	238392
11/22/03	0700	28 21.85	85 16.45	3200	5.9	270	SE 10	3978.8	238728
11/22/03	0715	27 21.90	85 18.12	3600	6.0	270	SE 10	3984.4	239064
11/22/03	0730	27 21.95	85 19.82	4998	6.1	270	SE 10	3973.2	238392
11/22/03	0745	27 21.97	85 21.57	4998	6.3	270	SE 10	3970.4	238224
11/22/03	0800	27 21.97	85 23.34	7500	6.4	270	SE 10	3987.2	239232
11/22/03	0815	27 21.99	85 25.14	6000	6.5	270	SE 10	3981.6	238896
11/22/03	0830	27 21.99	85 26.99	9000	6.7	270	SE 10	3976	238560
11/22/03	0845	27 21.96	85 28.82	9000	6.7	270	SE 10	3967.6	238056
11/22/03	0900	27 21.93	85 30.73	9000	6.8	270	SE 10	3978.8	238728
11/22/03	0915	27 21.83	85 32.66	9000	7.0	270	SE 10	3970.4	238224
11/22/03	0930	27 21.74	85 34.64	10680	7.0	270	SE 10	3987.2	239232
11/22/03	0945	27 21.67	85 36.64	10680	7.3	270	SE 10	3990	239400
11/22/03	1000	27 21.60	85 38.69	10680	7.3	270	SE 10	3967.6	238056
11/22/03	1015	27 21.54	85 40.77	10680	7.5	270	SE 10	3962	237720
11/22/03	1030	27 21.48	85 42.87	10680	7.5	270	SE 10	3959.2	237552
11/22/03	1045	27 22.51	85 43.37	10680	5.0	095	SE 10	3970.4	238224
11/22/03	1100	27 22.67	85 42.87	10680	5.5	095	SE 10	3976	238560
11/22/03	1115	27 22.65	85 40.31	10680	5.6	090	SE 10	3953.6	237216
11/22/03	1130	27 22.59	85 38.76	10680	5.6	085	SE 10	3964.8	237888

11/22/03	1145	27 22.72	85 37.73	10680	5.7	085	SE 10	3976	238560
11/22/03	1200	27 22.70	85 35.56	10680	5.8	085	SE 10	3984.4	239064
11/22/03	1215	2722.71	85 33.91	10680	5.9	085	SE 10	3948	236880
11/22/03	1230	27 22.78	85 32.74	10680	6.0	085	SE 10	3942.4	236544
11/22/03	1245	27 22.83	85 30.51	10660	6.2	085	SE 10	3953.6	237216
11/22/03	1300	27 22.99	85 28.80	9000	6.3	085	SE 10	3953.6	237216
11/22/03	1315	27 23.10	85 26.87	6000	6.3	085	SE 10	3942.4	236544
11/22/03	1330	27 23.20	85 25.19	4740	6.3	085	SE 10	2105.6	126336
11/22/03	1330	27 23.20	85 25.19	4740	6.3	085	SE 10		Finish

Trip	Voyage	Date	Time	Lat.	Lon.	Depth (Fathoms)	Vessel Speed (Knots)	Course	Wind Speed Direction	Discharge Rate (GPM)	Comments	Discharge Rate (GPH)
33	HAD #6	11/23/03	1648	27-13.35	084-44.29	780	7.7	267	22-ENE			START
		11/23/03	1700	27-13.30	084-45.75	780	6.7	271	22-ENE	3996.6		239796
		11/23/03	1715	27-13.23	084-47.64	780	6.5	268	22-ENE	3999.7		239984
		11/23/03	1730	27-13.18	084-49.38	900	6.4	267	22-ESE	3999.7		239980
		11/23/03	1745	27-13.13	084-51.26	900	6.3	267	20-ESE	3999.8		239988
		11/23/03	1800	27-13.08	084-52.78	1128	6.3	267	20-ESE	3999.5		239972
		11/23/03	1815	27-13.02	084-54.64	1128	6.2	267	20-ESE	3999.9		239992
		11/23/03	1830	27-12.99	084-56.38	1443	6.2	269	20-ESE	3999.6		239976
		11/23/03	1845	27-12.97	084-58.11	1443	6.1	269	19-SE	3999.5		239972
		11/23/03	1900	27-13.05	084-59.83	1800	6.2	274	19-SE	3999.7		239984
		11/23/03	1915	27-13.14	085-01.58	1950	6.4	272	19-SE	3999.4		239964
		11/23/03	1930	27-13.20	085-03.40	2100	6.5	272	19-SE	3999.5		239968
		11/23/03	1945	27-13.29	085-05.25	2250	6.7	272	19-SE	3999.7		239980
		11/23/03	2000	27-13.35	085-07.16	2700	6.8	273	17-SE	3999.6		239976
		11/23/03	2015	27-13.44	085-09.13	2900	6.8	273	17-SE	3999.7		239984
		11/23/03	2030	27-13.46	085-10.97	3050	6.8	271	17-SE	3999.8		239988
		11/23/03	2045	27-13.49	085-12.87	3350	6.7	271	18-SE	3999.6		239976
		11/23/03	2100	27-13.48	085-14.77	3600	6.9	270	18-SE	3999.9		239992
		11/23/03	2115	27-13.47	085-16.70	3950	6.9	271	18-SE	3999.7		239984
		11/23/03	2130	27-13.49	085-18.65	4200	6.9	271	18-SE	3999.5		239972
		11/23/03	2145	27-13.55	085-20.62	4350	6.9	272	18-SE	4000.1		240008
		11/23/03	2200	27-13.51	085-22.66	6360	7.0	269	18-SE	3999.5		239968
		11/23/03	2215	27-13.50	085-24.64	6360	6.7	271	18-SE	3999.7		239980
		11/23/03	2230	27-13.51	085-26.52	8100	7.0	270	18-SE	3999.8		239988
		11/23/03	2245	27-13.53	085-28.37	8656	7.1	270	18-SE	3999.5		239972
		11/23/03	2300	27-13.45	085-30.41	8780	6.9	267	14-SE	3999.6		239976
		11/23/03	2315	27-13.34	085-32.32	9000	6.8	264	14-SE	3999.7		239984
		11/23/03	2330	27-13.33	085-34.36	9000	7.0	270	11-SE	3999.7		239980
		11/23/03	2345	27-13.27	085-36.56	9000	7.0	270	11-SSE	3999.9		239992
		11/24/03	0000	27-13.32	085-38.28	9960	6.9	271	11-SSE	3999.9		239996
		11/24/03	0015	27-13.34	085-40.17	9960	6.8	271	12-SSE	3999.8		239988
		11/24/03	0030	27-13.36	085-42.05	10060	6.9	269	12-SSE	3999.5		239972
		11/24/03	0045	27-13.37	085-44.09	10560	6.9	269	12-SSE	3999.4		239964
		11/24/03	0100	27-13.33	085-45.99	10560	6.9	271	12-SSE	3999.7		239980
		11/24/03	0115	27-13.31	085-47.82	10650	6.6	268	12-SSE	3999.7		239968
		11/24/03	0130	27-13.69	085-49.46	10650	5.5	335	12-SSE	3999.9		239992
		11/24/03	0145	27-15.26	085-49.75	10650	6.8	004	12-SSE	3999.7		239984
		11/24/03	0200	27-16.99	085-49.50	10632	7.1	007	15-SE	3999.6		239976
		11/24/03	0215	27-18.14	085-48.96	10620	5.0	077	15-SE	3999.4		239964
		11/24/03	0230	27-18.03	085-47.32	10620	6.3	089	18-SE	3999.9		239996
		11/24/03	0245	27-18.00	085-45.58	10600	7.0	090	18-SE	3999.5		239972
		11/24/03	0300	27-18.04	085-43.67	10620	6.5	088	20-SE	3999.6		239976
		11/24/03	0315	27-18.03	085-41.90	10680	6.3	091	20-SE	3999.3		239960
		11/24/03	0330	27-18.00	085-40.09	10680	6.5	092	20-SE	3999.9		239992
		11/24/03	0345	27-17.99	085-38.24	10680	6.6	091	20-SE	3999.3		239960

11/24/03	0400	27-17.96	085-36.37	10580	6.7	091	21-SE	3999.7	239980
11/24/03	0415	27-17.91	085-34.16	10500	6.8	092	21-SE	3999.7	239984
11/24/03	0430	27-17.87	085-32.54	10350	7.0	092	21-SE	3999.9	239996
11/24/03	0445	27-17.81	085-30.58	10270	7.1	092	21-SE	3999.8	239988
11/24/03	0500	27-17.73	085-28.58	9900	7.2	093	21-SE	3999.5	239972
11/24/03	0515	27-17.67	085-27.02	9050	5.7	093	21-SE	3999.4	239964
11/24/03	0530	27-17.61	085-25.19	7500	5.9	088	21-SE	3999.9	239992
11/24/03	0545	27-17.69	085-23.43	6250	5.9	089	23-SSE	3999.7	239984
11/24/03	0600	27-17.69	085-21.84	4980	6.0	090	23-SSE	3999.6	239976
11/24/03	0615	27-17.69	085-20.15	4500	6.0	090	23-SSE	3999.7	239980
11/24/03	0630	27-17.67	085-18.45	4180	6.1	091	23-SSE	3999.8	239988
11/24/03	0645	27-17.65	085-16.61	3550	6.1	090	23-SSE	3999.5	239968
11/24/03	0700	27-17.63	085-14.98	3000	6.2	091	21-SSE	3999.5	239972
11/24/03	0715	27-17.65	085-12.81	2900	6.3	090	21-SSE	3999.6	239976
11/24/03	0730	27-17.65	085-11.45	2900	6.4	090	21-SSE	3999.7	239992
11/24/03	0745	27-17.64	085-09.65	2900	6.4	090	21-SSE	3999.7	239984
11/24/03	0800	27-17.62	085-07.84	2400	6.5	092	21-SSE	3999.7	239980
11/24/03	0815	27-17.56	085-05.79	2340	6.6	092	20-S	3999.8	239988
11/24/03	0830	27-17.54	085-04.13	2000	6.7	092	20-S	3999.5	239972
11/24/03	0845	27-17.48	085-02.08	1740	6.8	093	20-S	3999.6	239976
11/24/03	0900	27-17.41	085-00.32	1680	6.8	093	19-S	3999.7	239984
11/24/03	0915	27-17.34	084-58.37	1530	7.0	092	19-S	3999.5	239968
11/24/03	0930	27-17.32	084-56.38	1480	7.2	090	19-S	3999.4	239964
11/24/03	0945	27-17.33	084-54.13	1300	7.3	089	19-S	3999.7	239980
11/24/03	1000	27-17.33	084-52.30	1140	7.3	090	18-S	3999.8	239988
11/24/03	1015	27-17.31	084-50.24	1080	7.5	091	18-S	3999.9	239992
11/24/03	1030	27-17.29	084-48.07	1080	7.5	086	18-S	3999.8	239988
11/24/03	1045	27-17.30	084-45.96	1080	7.7	086	18-S	3999.6	239976
11/24/03	1100	27-18.61	084-45.47	762	6.3	000	18-S	3999.7	239980
11/24/03	1115	27-20.23	084-45.52	786	6.7	357	18-S	3999.8	239988
11/24/03	1130	27-21.91	084-45.58	786	6.9	359	18-S	3999.9	239992
11/24/03	1145	27-23.38	084-46.08	786	5.5	297	18-S	4000.1	240008
11/24/03	1200	27-23.50	084-47.65	786	5.8	270	18-S	3999.6	239976
11/24/03	1215	27-23.36	084-49.25	800	5.7	269	18-SW	3999.3	239960
11/24/03	1230	27-23.29	084-50.90	1086	5.8	267	16-SW	3999.5	239972
11/24/03	1245	27-23.26	084-52.87	1086	8.8	272	15-SW	3999.4	239964
11/24/03	0300	27-23.27	084-55.47	1200	9.4	269	15-SW	3999.5	239968
11/24/03	1315	27-23.21	084-57.87	1280	8.0	268	15-SW	3999.5	239980
11/24/03	1330	27-23.15	085-00.10	1350	7.9	269	15-SW	3999.7	239984
11/24/03	1345	27-23.10	085-02.40	1500	8.0	268	15-SW	3999.5	239968
11/24/03	1400	27-23.06	085-04.55	1860	8.1	269	16-NW	3999.9	239992
11/24/03	1415	27-23.06	085-06.81	1950	8.2	270	16-NW	3999.5	239972
11/24/03	1430	27-23.04	085-09.01	2040	6.5	269	16-N	3999.6	239976
11/24/03	1445	27-23.03	085-10.71	2280	6.3	270	16-N	3999.8	239988
11/24/03	1500	27-23.03	085-12.55	2598	6.6	270	18-N	3999.4	239964
11/24/03	1515	27-23.04	085-14.40	2700	6.2	271	18-N	3999.8	239988
11/24/03	1530	27-23.03	085-16.10	3000	6.0	268	21-N	3999.5	239968
11/24/03	1545	27-22.99	085-17.80	3300	6.1	270	21-N	3999.9	239992
11/24/03	1600	27-22.98	085-19.48	3483	6.1	270	21-N	3999.7	239980
11/24/03	1615	27-22.98	085-21.13	3966	6.0	270	25-N	3999.5	239972
11/24/03	1630	27-22.97	085-22.86	4500	6.0	271	25-N	3999.3	239996
11/24/03	1645	27-22.97	085-24.54	4500	6.0	269	25-N	3999.1	239948
11/24/03	1700	27-22.96	085-26.22	5000	6.0	276	25-N	3999.4	239964
11/24/03	1715	27-22.97	085-27.93	6000	6.1	269	25-N	3999.9	239996
11/24/03	1730	27-22.95	085-29.71	7200	6.0	269	25-N	3999.7	239984
11/24/03	1745	27-22.95	085-31.33	9000	6.1	271	25-NNW	3999.7	239980
11/24/03	1800	27-22.96	085-33.30	9600	6.1	270	25-NNW	3999.9	239992

11/24/03	1815	27-22.94	085-34.76	10716	6.0	269	25-NNW	3999.8	239988
11/24/03	1830	27-22.96	085-36.45	10653	6.1	268	25-NNW	3999.5	239972
11/24/03	1845	27-22.83	085-38.15	10653	6.2	268	24-NNW	3999.6	239976
11/24/03	1900	27-22.76	085-39.85	10620	6.3	267	24-NNW	3999.5	239968
11/24/03	1915	27-22.69	085-41.85	10620	6.0	268	24-NNW	3999.7	239980
11/24/03	1930	27-22.63	085-43.22	10620	6.0	266	24-NNW	3999.5	239972
11/24/03	1945	27-22.54	085-44.98	10620	5.8	268	26-NNW	3999.7	239984
11/24/03	2000	27-22.59	085-46.58	10600	5.7	271	26-NNW	3999.9	239992
11/24/03	2015	27-22.62	085-48.19	10600	5.8	271	26-NNW	3999.8	239988
11/24/03	2030	27-23.03	085-49.41	10600	4.6	335	26-NNW	3999.6	239976
11/24/03	2045	27-24.30	085-49.59	10600	5.4	357	26-NNW	3999.4	239964
11/24/03	2100	27-25.79	085-49.58	10600	6.2	000	22-NNW	3999.5	239968
11/24/03	2115	27-27.52	085-49.20	10600	5.9	045	22-NNW	3999.7	239980
11/24/03	2130	27-28.02	085-48.03	10600	6.3	092	22-NNW	3999.5	239972
11/24/03	2145	27-28.02	085-46.30	10590	5.7	089	22-NNW	3999.7	239984
11/24/03	2200	27-28.02	085-44.74	10520	5.6	092	22-N	3999.6	239976
11/24/03	2215	27-27.98	085-42.99	10480	6.1	091	20-N	3999.8	239988
11/24/03	2230	27-27.97	085-41.41	10500	6.3	089	20-N	3999.4	239964
11/24/03	2245	27-28.04	085-39.62	10540	6.3	089	20-N	3999.6	239976
11/24/03	2300	27-28.08	085-37.83	10590	6.6	093	18-NE	3999.8	239988
11/24/03	2315	27-28.01	085-35.92	10020	6.1	093	18-NE	3999.7	239980
11/24/03	2330	27-28.00	085-34.35	9740	5.7	090	18-NE	3999.5	239968
11/24/03	2345	27-27.98	085-32.69	9000	5.7	091	18-NE	3999.5	239972
11/25/03	0000	27-27.98	085-31.13	7680	5.8	090	18-NE	3999.9	239992
11/25/03	0015	27-27.98	085-29.21	7600	7.1	088	18-NE	3999.7	239980
11/25/03	0030	27-28.05	085-27.21	6200	7.3	088	18-NE	3999.5	239968
11/25/03	0045	27-28.01	085-25.21	4140	7.5	095	18-NE	3999.8	239988
11/25/03	0100	27-28.01	085-23.03	3200	7.6	091	18-NE	3999.6	239976
11/25/03	0115	27-28.02	085-20.83	3000	7.8	088	18-NE	3999.4	239964
11/25/03	0130	27-28.00	085-18.73	3000	7.7	092	18-NE	3999.9	239996
11/25/03	0145	27-28.05	085-16.52	2920	7.5	088	18-NE	3999.7	239984
11/25/03	0200	27-28.05	085-14.48	2550	7.6	092	18-NE	3999.5	239972
11/25/03	0215	27-27.99	085-12.31	2400	7.6	091	18-NE	3999.3	239960
11/25/03	0230	27-27.98	085-10.14	2310	7.6	091	18-NE	3999.9	239992
11/25/03	0245	27-27.97	085-07.96	2280	7.6	089	18-NE	3999.7	239984
11/25/03	0300	27-27.98	085-05.90	2180	7.6	088	20-NE	3999.6	239976
11/25/03	0315	27-27.97	085-03.78	1770	7.7	091	20-NE	3999.5	239968
11/25/03	0330	27-27.94	085-01.67	1640	7.5	091	20-NE	3999.9	239996
11/25/03	0345	27-27.96	084-59.51	1380	7.5	088	20-NE	3999.4	239964
11/25/03	0400	27-28.00	084-57.34	1200	8.6	091	20-NE	3999.7	239972
11/25/03	0415	27-27.95	084-54.82	1140	9.0	091	15-NE	3999.7	239984
11/25/03	0430	27-27.89	084-52.21	990	9.0	092	15-NE	3999.5	239968
11/25/03	0445	27-27.89	084-49.66	750	9.1	091	15-NE	2546.8	152812
11/25/03	0500	27-27.95	084-47.05	710	9.2	090	15-NE		STRIPPING
11/25/03	0506	27-27.98	084-46.19	700	9.2	090	15-NE		FINISH

Trip	Voyage	Date	Time	Lat.	Lon.	Depth (Fathoms)	Vessel Speed (Knots)	Course	Wind Speed Direction	Discharge Rate (GPM)	Comments	Discharge Rate (GPH)
34	NY #28	11/26/03	0800	27 18.04	84 46.81	744	8.4	260	E 10			Start
		11/26/03	0815	27 17.64	84 49.21	760	8.2	265	E 10	3990		239400
		11/26/03	0818	27 17.56	84 50.11	Stop cargo	Mammals	270	E 10	792.4		47544
		11/26/03	0830	27 17.56	84 50.99	1080	5.2	270	E 10			Resume Cargo
		11/26/03	0845	27 17.59	84 52.41	1140	4.9	270	E 10	3987.2		239232
		11/26/03	0900	27 17.61	84 53.79	1150	5.0	270	E 10	3978.8		238728
		11/26/03	0915	27 17.63	84 55.25	1360	5.0	270	E 10	3976		238560
		11/26/03	0930	27 17.62	84 56.69	1362	5.1	270	E 10	3984.4		239064
		11/26/03	0945	27 17.58	84 58.13	1380	5.0	270	E 10	3995.6		239736

11/26/03	1000	27 17.54	84 59.56	1680	5.3	270	E 10	3978.8	238728
11/26/03	1015	27 17.48	85 01.03	1740	5.5	270	E 10	3976	238560
11/26/03	1030	27 17.44	85 02.60	1825	5.8	270	E 10	3998.4	239904
11/26/03	1045	27 17.44	85 04.17	2100	5.4	270	E 10	3987.2	239232
11/26/03	1100	27 17.47	85 05.73	2400	5.6	270	E 10	3981.6	238896
11/26/03	1115	27 17.48	85 07.33	2778	5.7	270	E 10	3984.4	239064
11/26/03	1130	27 17.48	85 09.89	2778	5.6	270	E 10	3973.2	238392
11/26/03	1145	27 14 48	85 10.57	2820	5.8	270	E 10	3964.8	237888
11/26/03	1200	27 17 51	85 12.21	2898	5.8	270	E 10	3987.2	239232
11/26/03	1215	27 17.58	85 13.86	3318	5.9	270	E 10	3970.4	238224
11/26/03	1230	27 17.63	85 15.55	3966	6.0	270	E 10	3939.6	236376
11/26/03	1245	27 17 69	85 17.24	4998	5.9	270	E 10	3973.2	238392
11/26/03	1300	27 17 68	85 18.86	4998	5.9	270	E 10	3987.2	239232
11/26/03	1315	27 17 67	85 20.53	4998	5.9	270	E 10	3992.8	239568
11/26/03	1330	27 17.65	85 22.21	4998	5.9	270	E 10	3964.8	237888
11/26/03	1345	27 17.63	85 23.88	10668	6.0	270	E 10	3976	238560
11/26/03	1400	27 17.61	85 25.59	10668	6.1	270	E 10	3990	239400
11/26/03	1415	27 17.58	85 27.28	10668	6.0	270	E 10	3973.2	238392
11/26/03	1430	27 17.54	85 28.94	10668	6.0	270	E 10	3956.4	237384
11/26/03	1445	27 17.53	85 30.66	10680	6.1	270	E 10	3942.4	236544
11/26/03	1500	27 17.52	85 32.39	10680	6.3	270	E 10	3931.2	235872
11/26/03	1515	27 17.50	85 34.16	10680	6.3	270	E 10	3994.2	239652
11/26/03	1530	27 17.49	85 35.94	10680	6.5	270	E10	3997	239820
11/26/03	1545	27 17.50	85 37.75	10680	6.3	270	E10	3950.8	237048
11/26/03	1600	27 17.51	85 39.54	10680	6.5	270	E10	3948	236880
11/26/03	1615	27 17.51	85 41.37	10680	6.6	270	E10	3953.6	237216
11/26/03	1630	27 17.52	85 43.26	10680	6.7	270	E10	3970.4	238224
11/26/03	1645	27 18.43	85 43.66	10680	4.2	090	E10	3967.6	238056
11/26/03	1700	27 18.33	85 42.33	10680	4.6	090	ESE10	3976	238560
11/26/03	1715	27 18.31	85 41.04	10680	4.5	090	ESE10	3974.6	238476
11/26/03	1730	27 18.30	85 39.77	10680	4.6	090	ESE10	3971.8	238308
11/26/03	1745	27 18.26	85 38.50	10680	4.5	090	ESE10	3967.6	238056
11/26/03	1800	27 18.22	85 37.19	10680	4.7	090	ESE10	3956.4	237384
11/26/03	1815	27 18.31	85 35.92	10680	4.2	085	ESE10	3963.4	237804
11/26/03	1830	27 18.39	85 34.79	10680	4.3	085	ESE10	3970.4	238224
11/26/03	1845	27 18.45	85 33.58	10680	4.4	085	ESE10	3953.6	237216
11/26/03	1900	27 18.51	85 32.39	10680	4.1	085	ESE10	3964.8	237888
11/26/03	1915	27 18.61	85 31.21	10680	4.3	085	ESE10	3962	237720
11/26/03	1930	27 18.69	85 29.98	10680	6.1	085	ESE10	3956.4	237384
11/26/03	1945	27 18.75	85 27.96	10680	6.9	085	ESE10	3952.9	237167
11/26/03	2000	27 18.89	85 26.14	7230	7.1	085	ESE10	3970.4	238224
11/26/03	2015	27 19.07	85 24.11	4980	7.0	085	E 15-20	3990	239400
11/26/03	2030	27 19.19	85 22.23	4930	7.0	085	E 15-20	3987.2	239232
11/26/03	2045	27 19.28	85 20.19	3750	7.1	085	E 15-20	3970.2	238212
11/26/03	2100	27 19.36	85 18.20	3640	7.1	085	E 15-20	3948	236880
11/26/03	2115	27 19.44	85 16.19	3100	7.5	085	E 15-20	3962	237720
11/26/03	2130	27 19.54	85 14.10	3000	7.5	085	E 15-20	3992.8	239568
11/26/03	2145	27 19.75	85 11.94	2880	7.8	085	E 15-20	3967.6	238056
11/26/03	2200	27 19.94	85 09.76	2862	7.7	085	E 15-20	3939.6	236376
11/26/03	2215	27 20.14	85 07.55	2400	8.0	085	E 15-20	3984.4	239064
11/26/03	2230	27 20.30	85 05.40	2100	8.1	085	E 15-20	3995.6	239736
11/26/03	2245	27 20.45	85 03.07	1800	8.2	085	E 15-20	3948	236880
11/26/03	2300	27 20.61	85 00.86	1380	8.0	085	E 15-20	3945.2	236712
11/26/03	2315	27 21.81	85 00.99	2088	7.6	270	E 15	3992.8	239568
11/26/03	2330	27 21.81	85 02.70	2076	4.9	270	E 15	3998.4	239904
11/26/03	2345	27 21.80	85 04.07	2088	4.9	270	E 15	3950.8	237048
11/27/03	0001	27 21.78	85 05.41	2838	4.8	270	E 15	3939.6	236376

11/27/03	0015	27 21.76	85 06.77	2838	4.8	270	E 15	3931.2	235872
11/27/03	0030	27 21.80	85 08.12	2838	4.9	270	E 15	3925.6	235536
11/27/03	0045	27 21.77	85 09.49	2838	4.9	270	E 15	3959.2	237552
11/27/03	0100	27 21.77	85 10.88	2838	5.0	270	E 15	3973.2	238392
11/27/03	0115	27 21.77	85 12.29	2838	5.0	270	E 15	3962	237720
11/27/03	0130	27 21.75	85 13.71	2838	5.1	270	E 15	3939.6	236376
11/27/03	0145	27 21.75	85 15.15	2838	5.2	270	E 15	3956.4	237384
11/27/03	0200	27 21.75	85 16.62	2838	5.2	270	E 15	3973.2	238392
11/27/03	0215	27 21.75	85 18.11	4200	5.3	270	E 15	3984.4	239064
11/27/03	0230	27 21.75	85 19.64	4200	5.4	270	E 15	3967.6	238056
11/27/03	0245	27 21.75	85 21.15	4998	5.4	270	E 15	3976	238560
11/27/03	0300	27 21.75	85 22.68	4998	5.5	270	E 15	3981.6	238896
11/27/03	0315	27 21.76	85 24.23	4998	5.6	270	E20	3990	239400
11/27/03	0330	27 21.77	85 25.82	6000	5.6	270	E20	3956.4	237384
11/27/03	0345	27 21.79	85 27.42	9000	5.6	270	SE15	3978.8	238728
11/27/03	0400	27 21.82	85 28.99	9600	5.6	270	SE15	3984.4	239064
11/27/03	0415	27 21.84	85 30.57	10680	5.7	270	SE15	3981.6	238896
11/27/03	0430	27 21.88	85 32.17	10680	5.7	270	SE15	3976	238560
11/27/03	0445	27 21.89	85 33.78	10680	5.7	270	SE15	3973.2	238392
11/27/03	0500	27 21.85	85 35.42	10680	5.9	270	SE15	3981.6	238896
11/27/03	0515	27 22.72	85 36.79	10680	6.3	315	SE15	3977.4	238644
11/27/03	0530	27 23.78	85 38.09	10680	6.2	315	SE15	3980.2	238812
11/27/03	0545	27 24.83	85 39.38	10680	6.3	315	SE15	3976	238560
11/27/03	0600	27 25.86	85 40.72	10680	6.3	315	SE15	3973.2	238392
11/27/03	0615	27 26.92	85 42.05	10680	6.3	320	SE15	3984.4	239064
11/27/03	0630	27 28.02	85 43.31	10680	6.3	320	SE15	3956.4	237384
11/27/03	0645	27 29.20	85 44.50	10680	6.3	320	SE15	3969	238140
11/27/03	0700	27 29.42	85 44.58	10680	6.1	320	SE15	3971.8	238308
11/27/03	0715	27 30.77	85 44.67	10680	7.4	105	SE 15	3973.2	238392
11/27/03	0730	27 30.18	85 42.62	10680	7.7	105	SE 15	3962.1	237728
11/27/03	0745	27 29.67	85 40.51	10680	7.4	105	SE 15	3974.6	238476
11/27/03	0800	27 29.19	85 38.53	10680	7.4	105	SE 15	3977.4	238644
11/27/03	0815	27 28.65	85 36.59	10680	7.4	105	SE 15	3981.6	238896
11/27/03	0830	27 28.01	85 34.60	10680	7.5	105	SE 15	3959.2	237552
11/27/03	0845	27 27.40	85 32.62	10680	7.5	105	SE 15	3984.4	239064
11/27/03	0900	27 26.77	85 30.54	8400	7.9	105	SE 15	3976	238560
11/27/03	0915	27 26.17	85 28.50	6000	7.9	105	SE 15	3962	237720
11/27/03	0930	27 25.56	85 26.36	4200	7.9	105	SE 15	3987.2	239232
11/27/03	0945	27 24.92	85 24.27	3900	8.1	105	SE 15	3992.8	239568
11/27/03	1000	27 24.34	85 22.11	3840	8.1	105	SE 15	3970.4	238224
11/27/03	1015	27 23.80	85 19.95	3600	8.2	105	SE 15	3995.6	239736
11/27/03	1030	27 23.24	85 17.64	3000	8.1	105	SE 15	3990	239400
11/27/03	1045	27 22.71	85 15.44	2950	7.7	105	SE 15	3978.8	238728
11/27/03	1100	27 22.19	85 13.34	2838	7.8	105	SE 15	3984.4	239064
11/27/03	1115	27 21.46	85 11.27	2700	7.9	105	SE15	3964.8	237888
11/27/03	1130	27 20.79	85 09.19	2618	8.1	105	SE15	3953.6	237216
11/27/03	1145	27 20.08	85 07.04	2618	8.3	105	SE15	3987.2	239232
11/27/03	1200	27 19.55	85 04.84	2088	7.9	105	SE15	3990	239400
11/27/03	1215	27 18.56	85 00.51	1950	7.9	105	SE15	3962	237720
11/27/03	1230	27 18.44	84 59.85	1950	7.8	105	SE15	3970.4	238224
11/27/03	1245	27 18.06	84 58.39	1362	7.9	105	SE20	3953.6	237216
11/27/03	1300	27 17.46	84 56.33	1362	7.6	105	SE20	3948	236880
11/27/03	1315	27 16.91	84 54.25	1200	7.9	105	SE20	3978.8	238728
11/27/03	1330	27 16.33	84 52.19	780	7.5	105	SE20	3245.2	194712
11/27/03	1345	27 15.73	84 50.18	780	7.6	105	SE20	1289.6	77376

FINISHED

Trip	Voyage	Date	Time	Lat.	Lon.	Depth (Fathoms)	Vessel Speed (Knots)	Course	Wind Speed Direction	Discharge Rate (GPM)	Comments	Discharge Rate (GPH)
35	HAD #7	11/28/03	1306	27-13.24	084-44.50	744	8.0	256	23-NW			START
		11/28/03	1315	27-13.20	084-45.42	744	6.6	272	23-NW	3999.1		239948
		11/28/03	1330	27-13.19	084-47.07	744	6.0	272	23-NW	3999.9		239996
		11/28/03	1345	27-13.25	084-48.92	744	5.7	270	23-NW	3999.8		239988
		11/28/03	1400	27-13.26	084-50.30	900	5.7	269	25-NW	3999.5		239968
		11/28/03	1415	27-13.23	084-51.88	900	5.6	269	25-NW	3999.4		239964
		11/28/03	1430	27-13.23	084-53.51	1200	5.5	271	25-NW	3999.5		239972
		11/28/03	1445	27-13.27	084-54.99	1280	5.4	272	25-NW	3999.7		239980
		11/28/03	1500	27-13.29	084-56.47	1300	5.4	271	31-NNW	3999.7		239984
		11/28/03	1515	27-13.26	084-57.97	1350	5.3	270	31-NNW	3999.3		239960
		11/28/03	1530	27-13.22	084-59.51	1500	5.5	269	31-NNW	3999.7		239980
		11/28/03	1545	27-13.28	085-01.09	1638	5.7	276	31-NW	3999.4		239964
		11/28/03	1600	27-13.26	085-02.72	1980	5.7	270	31-NW	3999.7		239984
		11/28/03	1615	27-13.29	085-04.32	2400	5.8	273	31-NW	3999.7		239992
		11/28/03	1630	27-13.30	085-05.91	2718	5.6	269	31-NW	3999.4		239964
		11/28/03	1645	27-13.62	085-07.52	2718	5.7	271	30-NW	3999.8		239988
		11/28/03	1700	27-13.27	085-09.05	2940	5.4	271	30-NW	3999.7		239980
		11/28/03	1715	27-13.33	085-10.59	3100	5.5	275	30-NW	3999.5		239972
		11/28/03	1730	27-13.41	085-12.09	3150	5.5	273	36-N	3999.4		239964
		11/28/03	1745	27-13.52	085-13.73	3318	5.7	274	36-N	3999.6		239976
		11/28/03	1800	27-13.59	085-15.32	3450	5.7	274	36-N	3999.5		239984
		11/28/03	1815	27-13.60	085-16.84	3750	5.5	272	36-N	3999.9		239992
		11/28/03	1830	27-13.63	085-18.40	4200	5.6	270	28-NW	3999.9		239980
		11/28/03	1845	27-13.65	085-19.91	4900	5.4	270	28-NW	3999.8		239988
		11/28/03	1900	27-13.64	085-21.45	5400	5.5	273	28-NW	3999.7		239984
		11/28/03	1915	27-13.73	085-23.01	6000	5.8	275	28-NW	3999.5		239972
		11/28/03	1930	27-13.73	085-24.60	7500	5.7	269	28-NW	3999.5		239968
		11/28/03	1945	27-13.77	085-26.23	9000	5.9	270	28-NW	3999.7		239980
		11/28/03	2000	27-13.82	085-27.89	9100	5.9	271	28-NW	3999.6		239976
		11/28/03	2015	27-13.76	085-29.42	9250	5.3	268	28-NW	3999.5		239972
		11/28/03	2030	27-13.69	085-30.92	9600	5.2	267	28-NW	3999.7		239984
		11/28/03	2045	27-13.69	085-32.41	9690	5.2	267	30-NNW	3999.8		239988
		11/28/03	2100	27-13.63	085-33.85	9850	5.1	274	30-NNW	3999.6		239976
		11/28/03	2115	27-13.75	085-35.38	10100	5.5	272	30-NNW	3999.9		239992
		11/28/03	2130	27-13.86	085-36.99	10200	5.5	277	30-NNW	3999.7		239980
		11/28/03	2145	27-13.95	085-38.53	10350	5.7	272	34-N	3999.7		239984
		11/28/03	2200	27-14.03	085-40.13	10500	5.9	272	34-N	3999.5		239972
		11/28/03	2215	27-14.04	085-41.77	10580	5.2	274	34-N	3999.7		239980
		11/28/03	2230	27-14.64	085-42.93	10600	5.0	310	34-N	3999.7		239984
		11/28/03	2245	27-15.43	085-43.83	10600	4.8	335	35-N	3999.7		239992
		11/28/03	2300	27-16.37	085-44.82	10600	6.1	290	35-N	3999.6		239976
		11/28/03	2315	27-16.84	085-46.56	10680	6.9	290	36-N	3999.7		239980
		11/28/03	2330	27-16.77	085-48.32	10680	6.8	285	36-N	3999.5		239972
		11/28/03	2345	27-16.39	085-47.01	10700	6.5	109	36-N	3999.8		239988
		11/29/03	0000	27-16.46	085-45.30	10650	6.4	315	36-N	3999.9		239996
		11/29/03	0015	27-17.56	085-46.60	10600	6.5	305	36-N	3999.8		239988
		11/29/03	0030	27-18.53	085-48.09	10620	6.4	302	38-N	3999.5		239972
		11/29/03	0045	27-19.43	085-49.72	10620	6.7	297	35-N	3999.4		239964
		11/29/03	0100	27-20.23	085-51.31	10600	6.7	299	35-N	3999.9		239992
		11/29/03	0115	27-20.88	085-52.82	10590	6.0	293	35-N	3999.7		239980

11/29/03	0130	27-21.63	085-54.66	10590	6.5	297	35-N	3999.5	239968
11/29/03	0145	27-22.27	085-56.23	10600	6.5	293	35-N	3999.7	239984
11/29/03	0200	27-22.97	085-57.82	10600	6.9	297	38-N	3999.7	239980
11/29/03	0215	27-23.79	085-59.58	10620	7.1	297	38-N	3999.6	239976
11/29/03	0230	27-24.64	086-01.47	10620	7.6	295	38-N	3999.7	239984
11/29/03	0245	27-25.44	086-03.25	10650	7.8	297	38-N	3999.6	239976
11/29/03	0300	27-26.34	086-05.27	10560	6.9	297	36-N	3999.9	239992
11/29/03	0315	27-27.06	086-06.90	10560	7.5	297	36-N	3999.5	239968
11/29/03	0330	27-27.95	086-08.80	10560	7.9	296	36-N	3999.4	239964
11/29/03	0345	07-28.86	086-10.65	10560	7.5	298	36-N	3999.9	239996
11/29/03	0400	27-29.86	086-12.61	10407	8.0	300	32-N	3999.3	239998
11/29/03	0415	27-30.88	086-14.74	10350	7.3	299	32-N	3999.5	239972
11/29/03	0430	27-31.65	086-16.30	10375	7.1	297	30-N	3999.9	239997
11/29/03	0445	27-32.52	086-18.16	10400	7.6	300	30-N	3999.7	239980
11/29/03	0500	27-33.36	086-19.97	10330	7.1	296	30-N	3999.5	239968
11/29/03	0515	27-34.21	086-21.80	10320	7.7	299	34-N	3999.6	239976
11/29/03	0530	27-35.12	086-23.67	10300	8.0	300	34-N	3999.7	239984
11/29/03	0545	27-36.10	086-25.66	10320	8.3	198	34-N	3999.3	239960
11/29/03	0600	27-37.05	086-27.62	10260	7.7	198	30-N	3999.5	239968
11/29/03	0615	27-37.99	086-29.52	10240	7.6	199	30-N	3999.7	239984
11/29/03	0630	27-38.94	086-31.43	10200	7.4	295	30-N	3999.5	239972
11/29/03	0645	27-39.90	086-33.30	10150	7.6	300	32-N	3999.7	239980
11/29/03	0700	27-40.89	086-35.26	10100	8.1	301	32-N	3999.8	239988
11/29/03	0715	27-40.98	086-36.80	10100	7.1	162	32-N	3999.7	239984
11/29/03	0730	27-39.62	086-34.73	10100	9.4	126	32-N	3999.9	239992
11/29/03	0745	27-38.70	086-33.21	10100	5.8	125	32-N	3999.6	239976
11/29/03	0800	27-37.88	086-31.95	10170	5.6	128	32-N	3999.5	239972
11/29/03	0815	27-37.03	086-30.63	10220	5.6	128	32-N	3999.7	239980
11/29/03	0830	27-36.19	086-29.46	10280	5.3	127	28-N	3999.8	239988
11/29/03	0845	27-35.42	086-28.26	10310	5.4	125	28-N	3999.7	239984
11/29/03	0900	27-34.64	086-27.01	10360	5.6	125	28-N	3999.6	239976
11/29/03	0915	27-33.84	086-25.71	10380	5.6	124	28-N	3999.8	239988
11/29/03	0930	27-33.04	086-24.43	10380	5.5	125	28-N	3999.7	239984
11/29/03	0945	27-32.26	086-23.17	10380	5.5	123	28-N	3999.9	239992
11/29/03	1000	27-31.49	086-21.85	10350	5.7	126	28-N	3999.7	239980
11/29/03	1015	27-30.70	086-20.50	10330	5.7	123	28-N	3999.7	239984
11/29/03	1030	27-29.92	086-19.16	10440	5.7	124	28-N	3999.5	239972
11/29/03	1045	27-29.18	086-17.84	10440	5.6	123	28-N	3999.4	239964
11/29/03	1100	27-28.40	086-16.53	10500	5.6	124	28-N	3999.6	239976
11/29/03	1115	27-27.58	086-15.19	10500	5.7	125	28-N	3999.5	239968
11/29/03	1130	27-26.75	086-13.83	10500	6.0	125	28-N	3999.8	239988
11/29/03	1145	27-25.87	086-12.53	10500	5.8	129	25-N	3999.6	239976
11/29/03	1200	27-25.00	086-11.24	10500	5.7	125	25-N	3999.7	239980
11/29/03	1215	27-24.15	086-09.89	10500	5.8	124	25-N	3999.7	239996
11/29/03	1230	27-23.26	086-08.49	10500	5.9	126	25-N	3999.4	239964
11/29/03	1245	27-22.33	086-07.08	10550	5.9	126	25-N	3999.8	239988
11/29/03	1300	27-21.55	086-05.82	10572	6	124	25-N	3999.5	239972
11/29/03	1315	27-20.70	086-04.26	10572	7.7	118	25-N	3999.6	239976
11/29/03	1330	27-19.88	086-02.25	10560	7.8	112	25-N	3999.9	239992
11/29/03	1345	27-19.20	086-00.21	10560	7.8	110	25-N	3999.7	239984
11/29/03	1400	27-18.53	085-58.15	10620	7.8	110	22-N	3999.5	239968
11/29/03	1415	27-17.86	085-56.14	10620	7.9	111	22-N	3999.9	239996
11/29/03	1430	27-17.14	085-54.01	10620	8.3	111	22-N	3999.8	239988
11/29/03	1445	27-16.43	085-51.69	10620	8.8	109	22-N	3999.7	239980

11/29/03	1500	27-15.85	085-49.41	10620	8.5	105	22-N	3999.5	239968
11/29/03	1515	27-15.33	085-47.06	10632	8.3	101	22-N	3999.5	239972
11/29/03	1530	27-15.09	085-44.80	10600	8.3	098	22-N	3999.5	239968
11/29/03	1545	27-14.82	085-42.26	10600	8.4	098	22-N	3999.4	239964
11/29/03	1600	27-14.60	085-40.14	10680	8.4	097	24-NE	3999.7	239980
11/29/03	1615	27-14.45	085-37.73	10650	8.4	092	24-NE	3999.3	239960
11/29/03	1630	27-14.32	085-35.37	10650	8.4	094	24-NE	3999.9	239992
11/29/03	1645	27-14.18	085-33.12	10650	8.5	095	24-NE	3999.7	239980
11/29/03	1700	27-14.03	085-30.75	10668	8.5	095	24-NE	3999.5	239968
11/29/03	1715	27-13.84	085-28.36	10200	8.5	096	24-NE	3999.4	239964
11/29/03	1730	27-13.73	085-25.98	9900	8.8	093	20-NE	3999.5	239972
11/29/03	1745	27-13.60	085-23.50	9000	8.8	093	20-NE	3999.9	239992
11/29/03	1800	27-13.47	085-21.05	6000	8.8	094	20-NE	3999.7	239984
11/29/03	1815	27-13.35	085-18.52	5800	9	090	18-NE	3999.6	239976
11/29/03	1830	27-13.52	085-16.12	4500	7.4	051	18-NE	3999.5	239968
11/29/03	1845	27-14.37	085-17.68	4500	7	289	16-NE	3999.7	239980
11/29/03	1900	27-14.88	085-19.45	3318	7	290	16-NE	3999.8	239988
11/29/03	1915	27-14.46	085-21.35	3600	7.2	288	16-NE	3999.6	239976
11/29/03	1930	27-15.98	085-23.19	4200	6.8	286	16-NE	3999.5	239968
11/29/03	1945	27-16.48	085-24.97	4500	6.9	289	16-NE	3999.7	239984
11/29/03	2000	27-17.09	085-26.98	5900	7.6	289	16-NE	3999.9	239992
11/29/03	2015	27-17.65	085-28.84	9000	7.2	289	16-NE	3999.7	239980
11/29/03	2030	27-18.21	085-30.81	9600	7.5	288	15-NE	3999.5	239972
11/29/03	3045	27-18.85	085-32.86	10000	8.1	288	15-NE	3999.6	239976
11/29/03	2100	27-19.46	085-34.99	10600	8	288	15-NE	3999.8	239988
11/29/03	2115	27-20.09	085-37.10	10600	7.8	287	15-NE	3999.7	239984
11/29/03	2130	27-20.68	085-39.15	10680	7.1	288	15-NE	3999.5	239968
11/29/03	2145	27-21.16	085-40.92	10680	6.5	285	15-NE	3999.4	239964
11/29/03	2200	27-21.58	085-42.69	10650	6.4	287	15-NE	3999.7	239980
11/29/03	2215	27-22.12	085-44.65	10650	6.8	287	15-NE	3999.5	239972
11/29/03	2230	27-22.57	085-46.31	10650	6.8	287	15-NE	3999.7	239984
11/29/03	2245	27-23.06	085-48.14	10650	6.8	286	15-NE	3999.9	239992
11/29/03	2300	27-23.53	085-49.97	10590	6.8	286	15-NE	3999.7	239980
11/29/03	2315	27-24.08	085-51.79	10590	6.9	291	15-NE	3999.5	239972
11/29/03	2330	27-24.70	085-53.61	10590	7.1	291	15-NE	3999.4	239964
11/29/03	2345	27-25.35	085-55.48	10590	7.1	292	15-NE	3999.3	239956
11/30/03	0000	27-26.04	085-57.36	10620	7.1	294	15-NE	3998.7	239932
11/30/03	0015	27-26.77	085-59.23	10620	7.2	292	15-NE		Stripping
11/30/03	0018	27-26.93	085-59.70	10620	7.2	292	15-NE		Finish
11/30/03									
11/30/03		27-27.00	086-02.12						Start Tank
11/30/03									Cleaning
11/30/03									
11/30/03		27-43.43	086-53.15						Finish Tank
									Cleaning

Special Condition 19 E

Volume Discharged

Trip	Voyage	Volume (Gallons)
24	NY #23	6,963,304
25	HAD #2	9,038,721
26	NY #24	6,968,198
27	HAD #3	9,367,194
28	NY #25	6,959,670
29	HAD #4	9,322,110
30	NY #26	6,960,508
31	HAD #5	9,028,352
32	NY #27	6,977,897
33	HAD #6	8,601,112
34	NY #28	6,965,087
35	HAD #7	8,400,344

Special Condition 19 G

Wave Height @ Beginning and End of Each Trip

Trip	Voyage	Wave Height @ Beginning, ft.	Wave Height @ End, ft.
24	NY #23	2 to 3	4 to 5
25	HAD #2	4	2
26	NY #24	2 to 3	2
27	HAD #3	2	4
28	NY #25	4 to 5	2
29	HAD #4	2	1
30	NY #26	1 to 2	4 to 6
31	HAD #5	2	3
32	NY #27	4 to 5	2 to 3
33	HAD #6	1	1
34	NY #28	3 to 4	2 to 3
35	HAD #7	1	1

Special Condition 19 H

Time and Position of Floatable Matter

Trip	Voyage	Date	Time	Lat.	Lon.
24	NY #23	None noted			
25	HAD #2	None noted			
26	NY #24	None noted			
27	HAD #3	None noted			
28	NY #25	None noted			
29	HAD #4	None noted			
30	NY #26	None noted			
31	HAD #5	None noted			
32	NY #27	None noted			

- 33 HAD #6 None noted
- 34 NY #28 None noted
- 35 HAD #7 None noted

Special Condition 19 I

Time and Position of Sea Turtle or Marine Mammal Sightings

Trip	Voyage	Date	Time	Lat.	Lon.	Comments
24	NY #23	11/1/03	07:14	27-19.73N	85-16.40W	4 to 6 Bottlenose Dolphins observed @07:14 11/01/03 because animals were observed to continue on across the path of the tow, and not travel back to the barge, the discharge was not interrupted.
25	HAD #2					None noted
26	NY #24					None noted
27	HAD #3					None noted
28	NY #25	11/11/03	07:14	27-17.51N	85-05.56W	15 to 18 Possible Fraser's Dolphins observed, because animals were observed to continue on across the path of the tow, and not to travel back to the barge, the discharge was not interrupted.
29	HAD #4					None noted
30	NY #26					None noted
31	HAD #5					None noted
32	NY #27	11/22/03	10:30	27-21.60N	85-38.69W	Unknown Dolphins observed approximately 750' to port. Because they were not observed near the barge the discharge was not interrupted.
33	HAD #6					None noted
34	NY #28	11/26/03	08:18	27-17.56N	84-50.11W	Approximately 20 Bottlenose Dolphins observed heading east toward barge. Discharge halted until 08:30.
35	HAD #7					None noted

Special Condition 19 J

Unusual Occurrences

Trip	Voyage	Comments
24	NY #23	None noted
25	HAD #2	1) Ship was not filled to capacity in order to allow a departure at the high tide. 2) tropical depression, 66 knot winds, and 12 foot seas forced the captain to steer into the swells for safety, on a northeast course, for most of Tuesday (11/4). At about 2pm, the Captain changed course to the Southeast, and later east to finish the discharge, near the east border of the discharge zone.
26	NY #24	None noted
27	HAD #3	None noted
28	NY #25	None noted
29	HAD #4	Due to strong winds from the Northeast, 10 foot waves and for the safety of the crew, HAD deviated from the course and steered perpendicular to the swells during Friday (11/14). At about 3pm, the winds dissipated and the Captain resumed west/east course.
30	NY #26	None noted
31	HAD #5	Due to strong winds from the Northwest, 10 foot waves and for the safety of the crew, HAD deviated from the course and steered perpendicular to the swells during Wednesday (11/19). Early in the morning of the 20th, the winds dissipated and the Captain resumed west/east course.
32	NY #27	None noted
33	HAD #6	Departed port ahead of schedule with less volume of water, to allow waiting barge, New York to begin filling.
34	NY #28	None noted
35	HAD #7	Departed port ahead of schedule with less volume of water, to make high tide/slack water.