

LEGEND for 2004–2015Q1 NRC Reports & OWOC observations of surface oil sheen at GoM MC20,
 excerpted and organized by On Wings Of Care, Inc. 2015 ("OWOC") © OnWingsOfCare.org

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OWOC Flight Observations of MC20 are published at OnWingsOfCare.org.
 See those articles for photos, videos, GPS flight tracks, and flight logs for these and other of OWOC aerial observations of the Gulf of Mexico, since late April 2010.

No.	Subject	Comment
1	General	All NRC reports refer to this as a "Platform incident" (MC20A), N28°56'10", W88°58'08". Column headings and entries are abbreviated herein, and repetitious info (such as Responsible Party and Location, which are always Taylor Energy Co and Mississippi Canyon 20) is omitted; all information is substantively identical to that in the original NRC reports, which can be viewed online here: http://www.nrc.uscg.mil/ . OWOC gratefully acknowledges the assistance of Ms. Trisha James of Navarre, FL in extracting data from the NRC reports for these analyses.
2	Sea Conditions	Wave Condition: 0: Calm; 1: Smooth (< 1 ft); 2: Slight (1—3 ft); 3: Moderate (3—5 ft); 4: Rough (5—8 ft); 5: Very Rough (8—12 ft) Current speed is omitted here. It has been entered by an observer only once in 2015Q1 (5 its on 20150115) and fewer than 10 times total since 2005. Wind speed is given in the NRC Reports variably in units of KTS or MPH on the few reports where it is noted at all. Units of knots (kts, 1 nautical mile per hour, or about 1.15 mph) are used here.
3	Sheen Appearance	Sheen Color & Additional Info are verbatim from the NRC reports but are consolidated in these spreadsheets, whereas in the NRC reports this information appears randomly in either the Incident Commons spreadsheet or various columns of the Incident Details spreadsheet, if it appears at all.
4	Sheen Length & Width	Length and width of the sheen are cited in the NRC reports with variable units of "miles" or "feet", and occasionally (as in OWOC observations) meters. The Taylor reports do not state explicitly whether "miles" means statute miles (sm) or nautical miles (nm or NM), although we might assume that where they state wind in mph (kts), they cite sheen dimensions in units of sm (nm). Here we assume that "miles" means nm, and we use the conversions: 1 nm = 6,076 ft = 1.85 km ~ 1.15 sm. It is obvious by the entry value whether NM or FT are intended, so we omit explicit mention of the units here.
5	Sheen Area	For sheen area (product of Sheen Length and Width), we use units of acres, where 1 acre = 43,560 sq ft (~ 1 nm x 7.2 ft.) (Metric units would be easier all around, since 1 cu m = 1 micron X 1 sq km, but...)
6	Amount of Material	The unit for "Amount of material" is US gallons. We write "0" where the NRC Report lists "0" or "0-U" or "Unknown Amount." Only the Taylor-provided NRC Reports provide estimated Amounts of Material. But the Taylor reports give no information about what assumptions are used to arrive at those estimated amounts. Amount of Material is not a quantity that can be observed directly; it must be estimated by multiplying sheen area with sheen thickness. In aerial observations, sheen thickness can only be estimated approximately, based on appearance of the sheen, and the accuracy depends critically on the thickness itself. See below. The estimated Amount of Material, or Volume (in US gallons), is the product of sheen area and estimated sheen thickness, by the relation: Amt (gal) = 1.069 X Area (acres) X Thickness (microns).



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7	Sheen thickness and Bonn (BAOAC) guidelines	<p>For dull, metallic, or dark sheen — typically thicker than a few microns, visible observation cannot distinguish thicknesses more than a few microns, so only a minimum thickness can be estimated. For colored or "rainbow" sheen, the thickness is in the range of visible light wavelengths (0.3—5.0 micron), since the colored appearance is caused by thin-film interference (e.g., light reflected from the bottom of the sheen interfering coherently with light reflected from the upper surface). (Now you see why metric units for the sheen dimensions would have simplified the arithmetic of calculating sheen volumes!) For sheen that appears very light gray or "barely discernible", the thickness must usually be in the range of 0.04—0.1 micron, and as it becomes more silvery it is typically 0.2—0.3 micron.</p> <p>An international standard, adopted formally by NOAA and the U.S. Coast Guard in 2006, is the "Bonn" or "BAOAC" (Bonn Agreement Oil Appearance Code) standard, which uses the following ranges and nominal values for correlating sheen appearance in aerial observations with estimated sheen thickness. These guidelines are stipulated in the Coast Guard's handbook "Open Water Oil Identification Job Aid for aerial observation" (OWJA 2012, revised from 2007), which is used for Coast Guard training. (Mysteriously, these guidelines appear never to have been used for the Taylor estimates of Amount of Material in the NRC reports.)</p> <table border="0"> <tr> <td>Silver/Gray:</td> <td>0.04—0.3 micron</td> <td>(NOMINAL Barely Discernible or Gray = 0.1; Silvery = 0.2.)</td> </tr> <tr> <td>Rainbow:</td> <td>0.3—5.0 micron</td> <td>(NOMINAL: Faint Colors = 0.5; Rainbow or Brightly Colored = 1.0)</td> </tr> <tr> <td>Metallic:</td> <td>5.0 — 50 micron</td> <td>(NOMINAL: Dull = 3.0; Dark = 10.0)</td> </tr> <tr> <td>Transitional Dark:</td> <td>50—200 micron</td> <td>(NOMINAL: 100 microns.)</td> </tr> <tr> <td>Dark (True color):</td> <td>> 200 micron</td> <td>(NOMINAL: Very Dark = 200 microns)</td> </tr> <tr> <td>Emulsion (water in oil):</td> <td>>1 mm</td> <td>(brown/orange) (NOMINAL: Emulsion = 500 micron)</td> </tr> </table>	Silver/Gray:	0.04—0.3 micron	(NOMINAL Barely Discernible or Gray = 0.1; Silvery = 0.2.)	Rainbow:	0.3—5.0 micron	(NOMINAL: Faint Colors = 0.5; Rainbow or Brightly Colored = 1.0)	Metallic:	5.0 — 50 micron	(NOMINAL: Dull = 3.0; Dark = 10.0)	Transitional Dark:	50—200 micron	(NOMINAL: 100 microns.)	Dark (True color):	> 200 micron	(NOMINAL: Very Dark = 200 microns)	Emulsion (water in oil):	>1 mm	(brown/orange) (NOMINAL: Emulsion = 500 micron)
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8	Bonn-estimated Amounts of Material	<p>Where we cite "B-Amt" we mean the Amount of Material estimated using the Bonn or BAOAC guidelines noted above. All NRC reports submitted by NOAA, OWOC, or other entities not representing Taylor Energy show "zero" or "zero-unknown" for their Amounts. In these spreadsheets, we provide estimated Amounts of material for all NRC reports and for the 40 OWOC flight observations that were published at OnWingsOfCare.org, all based on the Bonn guidelines.</p> <p>We also provide a "corrected estimate" for the Amounts of material given in the Taylor Energy NRC reports, which we abbreviate by "B-Tay" or "B-NRC" and "Tay" or "NRC", respectively, when referring to Amounts of Material.</p>																		
9	Equivalent Average Thickness (EAT)	<p>The Taylor Energy NRC reports give no information about what thicknesses were assumed or other assumptions that went into their estimates of Amount of Material. It is straightforward and instructive to infer from their estimates an equivalent average thickness ("NEAT" for NRC Equivalent Average Thickness) by dividing the estimated Amount of Material by the observed sheen area, using the arithmetic conversion: NEAT (micron) = Amt of Material (gal) / Area of Sheen (acres) / 1.069.</p> <p>==> We find that the NEAT values that follow from the Taylor NRC reports are, for a majority of the reports, smaller than 0.04 micron — the very minimum thickness for "barely discernible" sheen according to the Bonn guidelines. 0.04 micron is 40 nanometers, or the diameter of a few tens of petroleum molecules; a typical human hair has a diameter of 10—100 microns. Considering that close to 100% of the observations by OWOC's 40 documented flyovers found considerable amounts of rainbow and darker sheen, the assumptions used by Taylor Energy to estimate their Amounts of Material are quite suspect.</p> <p>NRC reports submitted by the NOAA/NESDIS satellite information service (highlighted in gray in these spreadsheets) give detailed information about observed sheen area, but they are not able to determine accurately whether the sheen observed is light gray, silvery, rainbow, or darker. In estimating Amounts of Material associated with the NOAA satellite observation reports, we decided to be very conservative -- i.e., to give what can be considered a <i>minimum</i> estimate of the Amount of Material, by using a NEAT of 0.1 micron, equivalent to sheen that is light gray or barely discernible. Still, the large areas noted by the NOAA satellite observations tend to give higher estimates for Amount of Material even than the Bonn-estimated amounts from the Taylor, OWOC, and other observations. That is unnerving, and it should be, for it could well mean that we have all under-estimate the amount of pollution and how far it has spread.</p>																		



No.	Subject	Comment
10	Our conclusions about Total Amounts of Material	<p>In order to make consistent estimates of material, based on all NRC report data and other documented observations (including revision of the Taylor estimates based on the Taylor-provided data in the NRC reports), we use the Bonn guidelines to assign sheen thickness to the areas and percent coverages for the different sheen appearances provided. Those assumptions are given in the column labeled "Assumptions." We use the nominal values noted above from the Bonn ranges, and for all of the NRC reports and other observations, there were only a few instances where we assigned a thickness greater than 1.0 (rainbow), and those for small areas specifically noted by Taylor to be dark brown. Thus, we consider our estimates of Amounts of material to be conservatively low.</p> <p>Our Bonn-estimated Amounts of Material are on average (analyzed for all reports from 2004 through first quarter of 2015) <u>15 times larger</u> than the estimates provided in the Taylor NRC reports. This means that, if the sheen areas in the Taylor reports are not under-estimated, the total amount of pollution in MC20 since late 2004 is 15 times more than Taylor has purported it to be. Unfortunately, reports from non-Taylor entities, which began increasing in number since 2011 when OWOC began making regular observations and in 2012 when NOAA began making satellite reports, suggest a tendency toward <u>larger sheen areas</u> than those reported by Taylor. From all data, and even de-emphasizing the large sheen areas suggested by the NOAA satellite data, OWOC estimates that the <u>total oil represented by sheen in MC20 since late 2004 exceeds that reported by Taylor by a factor of 27.</u> (The NOAA data alone, even assuming a sheen thickness no greater than 0.1 micron, would imply that this factor is 77, three times larger still than OWOC's estimate!)</p>
11	Anomalies in the Taylor Energy NRC Reports	<p>Anomalies in the Taylor Energy NRC reports are numerous, adding to questions about their accuracy, and for which we had to make some adjustments. For example:</p> <ul style="list-style-type: none"> — Some Taylor reports provide no sheen appearance description at all, or no sheen dimensions, or both (!), and yet the reports provide non-zero estimates for Amounts of Material for that day's observation. To provide Bonn-corrections for those Taylor estimates, we use the sheen appearance descriptions or sizes from other observations made on the same day by OWOC or from Taylor observations on the days immediately before or after, or if those would produce an anomalously <u>large</u> correction, then we just multiply the Taylor estimate by a factor of 15. (We are choosing to err on the side of a minimal correction to the Taylor estimates, which may turn out to cause under-estimation, but we prefer to stay close to the average correction factors deduced from well documented observations by OWOC and other independent entities on the same days as the Taylor reports) — The Amounts of Material estimates from Taylor are cited to two and sometimes FOUR decimal places — i.e., they represent a precision of 0.0001 — 0.01 gal, or between 8-hundredths of a teaspoon and 2.5 Tablespoons. This level of precision is indefensible and nonsensical both mathematically and practically, for observations made at 500-1000' above the sheen from aircraft moving at 100-150 kts. <p>For example: On 2010 December 31, Taylor reported a sheen covering 2,178 sq ft and estimated an Amount of material of 0.0001 gal -- less than one-tenth of a TEASPOON. On 2011 February 10, Taylor reported a sheen covering 7,500 sq ft which they said involved 0.0003 gal of material — less than one-quarter of a teaspoon. And yet, on 17 of the days where OWOC published photos and videos of extensive rainbow sheen, Taylor reported small amounts and the sheen as "barely discernible." Etc.</p> <p>==> We conclude that the Amounts of Material in the Taylor NRC reports are unreasonably small, primarily because of incorrect estimation procedures based on observed data and secondarily because some observations were inaccurate with regard to sheen size and appearance.</p>



2010 NRC Reports & OWOC observations of surface oil sheen at GoM MC20, interpreted and organized by On Wings Of Care, Inc. 2015 © OnWingsOfCare.org

SEONOS	INCIDENT DATE TIME	WIND SPEED	WIND DIRECTION	SHEEN COLOR	SHEEN-ODDR DESCRIPTION & SHEEN ADDITIONAL INFO	DIRECTION OF SHEEN TRAVEL	WAVE CONDITION	SHEEN SIZE: LENGTH (NM or FT)	SHEEN SIZE: WIDTH (NM or FT)	Reported Sheen Area (acres)	Reported Amt of Material (Gal) "RAM"	BAOAC- Estimated Amt of Material (Gal) "BRAM"	Assumptions (BAOAC thicknesses for NRC data, etc.)	Ratio of Corrected / Reported Amt of Mtr "BRAM" / "RAM"	Reported Equiv Avg Thickness (micron) "RET"	BAOAC- Corrected Equiv Avg Thickness (micron) "BRET"	OWOC Sheen Area (acres)	WOC Observed Amt of Material (Gal) "WAM"	OWOC Equiv Thickness (micron) "WET"	OWOC / BAOAC- corrected Amt of Mtr "WAM" / "BRAM"	OWOC / Reported Amt of Mtr "WAM" / "RAM"	NOAA Sheen Area (acres)	NOAA Observed Amt of Material (Gal) "NAM"	NOAA Equiv Avg Thickness (micron) "NET"	NOAA / BAOAC- corrected Amt of Mtr "NAM" / "BRAM"	NOAA / Reported Amt of Mtr "NAM" / "RAM"	OTHER Sheen Area (acres)	OTHER Observed Amt of Material (GAL) "OAM"	OTHER Equiv Thickness (micron) "OET"			
927546	2010-01-01 11:00			SILVER	CALLER HAD NO ADDITIONAL INFORMATION.			2	150	42	0.45	9		19.7	0.010	0.200																
927574	2010-01-02 10:30	17		SILVER	CALLER HAD NO ADDITIONAL INFORMATION.			3	4	200	112	0.68	24	35.0	0.006	0.200																
927618	2010-01-03 10:10	14	NE	SILVER	CALLER HAD NO ADDITIONAL INFORMATION.			2	14784	250	85	1.06	18	17.1	0.012	0.200																
927951	2010-01-07 13:00			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION. CALLER INTENDS TO NOTIFY THE COAST GUARD.	NE		3	75	31	0.00	3				0.100																
928030	2010-01-08 11:40	25	NNW	SILVER	THE CALLER IS REPORTING AN UNKNOWN SHEEN FROM AN UNKNOWN SOURCE DURING A FLYOVER.	SSW		1.3	75	14	0.04	3		66.3	0.003	0.200																
928672	2010-01-15 10:15	30	E	BARELY DISCERNIBLE	THE CALLER IS REPORTING A DISCHARGE OF .08 GALLONS OF CRUDE OIL INTO THE GULF OF MEXICO FROM A DOWNED PLATFORM DUE TO HURRICANE IVAN.			7	.75	1	0.00	0.1				0.100																
928890	2010-01-15 11:55	17	NE	SILVER	CALLER INTENDS TO NOTIFY THE US COAST GUARD.	ESE		3	2.1	70	21	0.08	4	54.8	0.004	0.200																
928854	2010-01-17 13:20	14	SW	BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			1.6	.5	678	18.00	72		4.0	0.025	0.100																
929401	2010-01-22 9:40			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.	SW		5.1	600	427	3.48	46		13.1	0.008	0.100																
929710	2010-01-26 11:00			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			4.9	2000	1,367	2.44	146		59.9	0.002	0.100																
929800	2010-01-27 11:05			SILVER	CALLER HAD NO ADDITIONAL INFORMATION.	WSW		4	150	84	0.43	18		42.0	0.005	0.200																
929915	2010-01-28 10:57			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.	WSW		3.8	300	159	1.19	17		14.3	0.007	0.100																
930005	2010-01-29 11:15				"None, just making notifications"			4	2.7	100	38	0.23	8	35.0	0.006	0.200																
930222	2010-02-01 11:05	15	NE	SILVER	CALLER STATED THE USCG WILL BE CALLED NEXT.	WSW		3	2	160	45	0.23	10	41.3	0.005	0.200																
930321	2010-02-02 11:00			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.	SW		2	7.8	300	326	0.60	35	58.2	0.002	0.100																
930442	2010-02-03 10:00	15	NE	BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.	W		3.2	100	45	0.08	5		59.6	0.002	0.100																
930659	2010-02-06 11:00			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			4	1.5	100	21	0.17	2	13.2	0.008	0.100																
930714	2010-02-07 10:00	5	NNE	BARELY DISCERNIBLE	CALLER INTENDS TO NOTIFY THE US COAST GUARD.	SSE		4	1000	558	15.00	60		3.8	0.027	0.100																
930797	2010-02-08 11:30	12	SSE	BARELY DISCERNIBLE	CALLER INTENDS TO NOTIFY THE US COAST GUARD.	NNE		2	3.1	400	173	1.56	18	11.7	0.009	0.100																
930982	2010-02-10 12:30			RAINBOW	NO ADDITIONAL INFORMATION TO REPORT.			4	8.4	1600	1,758	49.00	1,879	38.3	0.026	1.000																
931207	2010-02-13 10:00	14	N	BARELY DISCERNIBLE	THE CALLER HAD NO ADDITIONAL INFORMATION.			2	26920	300	185	0.87	20	22.8	0.004	0.100																
931395	2010-02-16 10:10				CALLER DID NOT HAVE ANY ADDITIONAL INFORMATION.			3	4	400	223	2.27	24	10.5	0.010	0.100																
931515	2010-02-17 12:45			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			4	2.4	2700	904	20.71	97	4.7	0.021	0.100																
931605	2010-02-18 11:35	11	NNE	BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).			2	3.6	150	75	0.64	8	12.6	0.008	0.100																
931768	2010-02-20 10:20			SILVER	CALLER HAD NO ADDITIONAL INFORMATION.	SSW		16896	200	78	4.45	17	0.2 Silvery	3.7	0.054	0.200																
931905	2010-02-22 11:00	17	E	SILVER	NO ADDITIONAL INFORMATION.			4	2.2	200	61	1.87	13	7.0	0.029	0.200																
931949	2010-02-21 11:00	17	E	SILVER	CALLER HAD NO ADDITIONAL INFORMATION. THIS IS A CORRECTED REPORT. THE ORIGINAL REPORT WAS #931905, WHICH WAS MISTAKENLY DATED 22 FEBRUARY 2010.	WSW		2.2	200	61	1.80	13		7.3	0.027	0.200																

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932230	2010-02-24 14:30	14	NNW	BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.		3	2	50	14	0.03	1		57.4	0.002	0.100															
932298	2010-02-25 11:15	8	ENE	BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).	WSW	1	44352	200	204	0.56	22		39.1	0.003	0.100															
932437	2010-02-26 11:50			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			11.3	200	315	0.85	34		39.6	0.003	0.100															
932532	2010-02-27 11:00			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			1.4	200	39	0.42	4		9.9	0.010	0.100															
932817	2010-03-02 15:15	29	NNW	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.			4	50	3	0.008	0.3	Report says 2 lbs/50' (~0.008 gal)	37.3	0.003	0.100															
933013	2010-03-04 14:50			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.		2	2.2	100	31	0.20	3		16.4	0.006	0.100															
933095	2010-03-05 12:30			RAINBOW	NO ADDITIONAL INFORMATION TO REPORT.		0	6.2	30	26	5.68	28		4.9	0.205	1.000															
933181	2010-03-06 10:30	12	NE	BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.		6	600	502	4.54	54			11.8	0.008	0.100															
933235	2010-03-07 13:15	8	NE	SILVERY	CALLER WILL NOTIFY LOCAL USCG.		1	11.2	200	312	4.20	67		15.9	0.013	0.200															
933299	2010-03-08 10:55			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.		1	7	600	586	5.60	63		11.2	0.009	0.100															
933775	2010-03-12 10:15			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.		3	4	300	167	1.36	18		13.2	0.008	0.100															
933842	2010-03-13 10:49	18	W	BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.	ENE	5	1.1	250	38	0.40	4		10.3	0.010	0.100															
933887	2010-03-14 10:40			BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).		3	4.5	300	188	17.90	20		1.1	0.089	0.100															
934135	2010-03-16 10:45	13	N	FAINT COLORS	CALLER STATED ALL NOTIFICATIONS WILL BE MADE.		2	2.1	75	22	0.17	12	Faint Color 0.5	71.2	0.007	0.500															
934294	2010-03-17 13:15		NNW	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.	NNE	2	1.1	300	46	3.40	5		1.4	0.069	0.100															
934409	2010-03-18 15:35			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			7920	800	145	4.77	16		3.3	0.031	0.100															
934549	2010-03-19 18:26			RAINBOW	CALLER HAD NO ADDITIONAL INFORMATION.	N		5.6	300	234	43.50	251		5.8	0.174	1.000															
934609	2010-03-20 14:00			SILVERY	CALLER HAD NO ADDITIONAL INFORMATION.	NE		2.7	200	75	1.10	16		4.6	0.014	0.200															
934747	2010-03-22 10:50	10	W	RAINBOW	SECTOR NEW ORLEANS WILL BE NOTIFIED NEXT.		3	1.1	50	8	0.06	8		139.0	0.007	1.000															
935154	2010-03-25 17:30	7	NW	BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			42280	100	97	3.79	10		2.7	0.036	0.100															
935262	2010-03-26 18:25			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			3	50	21	1.20	2		1.9	0.054	0.100															
935314	2010-03-27 8:15			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.		2	7920	50	9	0.30	1		2.5	0.040	0.100															
935362	2010-03-28 11:43	10	WSW	OTHER	CALLER WILL NOTIFY SECTOR NEW ORLEANS.		3	15840	200	73	5.25	105	Taylor Amt is unusually high for such a small area? Assume x20	20.0	0.068	1.351															
935584	2010-03-30 8:50	4	ENE	SILVERY	CALLER HAD NO ADDITIONAL INFORMATION.	WSW	2	6	50	42	2.06	9		4.3	0.046	0.200															
935836	2010-04-01 10:00	9	SSE	BARELY DISCERNIBLE	THE CALLER HAD NO ADDITIONAL INFORMATION.		2	6.5	1000	907	13.85	97		7.0	0.014	0.100															
935924	2010-04-02 10:00	16	SE	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.		3	1.5	500	105	1.77	11		6.3	0.016	0.100															
936032	2010-04-03 11:20	10	SSE	BARELY DISCERNIBLE	CALLER INTENDS TO NOTIFY THE US COAST GUARD.	NE	2	5	1	4,238	55.00	453		8.2	0.012	0.100															
936105	2010-04-04 15:35	12	E	BARELY DISCERNIBLE	USCG SECTOR NEW ORLEANS WILL BE NOTIFIED NEXT.	NE	2	3.5	50	24	0.35	3		7.5	0.013	0.100															
936200	2010-04-05 17:21	8	E	SILVERY	CALLER INTENDS TO NOTIFY THE US COAST GUARD.	ENE	2	30624	400	281	2.41	60		24.9	0.008	0.200															
936300	2010-04-06 12:00	10	S	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.	ENE	2	10.1	300	423	2.60	45		17.4	0.006	0.100															
936427	2010-04-07 13:45	12	S	SILVERY	CALLER WILL NOTIFY SECTOR NEW ORLEANS.	W	2	8	200	223	0.00	48				0.200															
936543	2010-04-08 12:37	14	NNW	SILVERY	CALLER HAD NO ADDITIONAL INFORMATION.		2	3.2	.8	2,170	32.00	464		14.5	0.014	0.200															
936737	2010-04-11 12:40	8	ENE	OTHER	CALLER HAD NO ADDITIONAL INFORMATION.	SSW	3	6	100	84	4.00	18	0.2 Silvery	4.5	0.045	0.200															

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SEQNOS	INCIDENT DATE TIME	WIND SPEED	WIND DIRECTION	SHEEN COLOR	SHEEN-ODOR DESCRIPTION & SHEEN ADDITIONAL INFO	DIRECTION OF SHEEN TRAVEL	WAVE CONDITION	SHEEN SIZE: LENGTH (NM or FT)	SHEEN SIZE: WIDTH (NM or FT)	Reported Sheen Area (acres)	Reported Amt of Material (Gal) "RAM"	BAOAC- Estimated Amt of Material (Gal) "BRAM"	Assumptions for NRC data, etc.)	Ratio of Corrected / Reported Amt of Mtrl "BRAM" / "RAM"	Reported Equiv Avg Thickness (micron) "RET"	BAOAC- Corrected Equiv Avg Thickness (micron) "BRET"	OWOC Sheen Area (acres)	WOC Observed Amt of Material (Gal) "WAM"	OWOC Equiv Thickness (micron) "WET"	OWOC / BAOAC- corrected Amt of Mtrl "WAM/ BRAM"	OWOC / Reported Amt of Mtrl "WAM/ RAM"	NOAA Sheen Area (acres)	NOAA Observed Amt of Material (Gal) "NAM"	NOAA Equiv Avg Thickness (micron) "NET"	NOAA / BAOAC- corrected Amt of Mtrl "NAM/ BRAM"	NOAA / Reported Amt of Mtrl "NAM/ RAM"	OTHER Sheen Area (acres)	OTHER Observed Amt of Material (GAL) "OAM"	OTHER Equiv Thickness (micron) "OET"		
936835	2010-04-12 12:35	16	NE	SILVERY	SECTOR NEW ORLEANS WILL BE NOTIFIED NEXT.		2	4.9	150	103	1.87	22		11.7	0.017	0.200															
936931	2010-04-13 10:51	15	ESE	SILVERY	CALLER HAD NO ADDITIONAL INFORMATION.	W		3.1	300	130	3.09	28		9.0	0.022	0.200															
937288	2010-04-14 13:25	18	E	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.		3	3.3	800	368	2.13	39		18.5	0.005	0.100															
937352	2010-04-17 13:45			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.		3	4	500	279	1.90	30		15.7	0.006	0.100															
937507	2010-04-19 12:20	5	NE	BARELY DISCERNIBLE	CALLER WILL NOTIFY THE US COAST GUARD.	SW	2	12.3	200	343	21.39	37		1.7	0.058	0.100															
937620	2010-04-20 10:40			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			9.4	400	524	13.64	56		4.1	0.024	0.100															
937757	2010-04-21 12:50			RAINBOW	NO ADDITIONAL INFORMATION TO REPORT.			6.4	1	5,424	206.00	5,798		28.1	0.036	1.000															
937867	2010-04-22 11:10	10	SSE	BARELY DISCERNIBLE	SHEEN COLOR: 40% BARELY DISCERNIBLE, 30% SILVERY, 20% SLIGHTLY COLORED, 1% BRIGHTLY COLORED AND 1% DARK.	S	2	8.1	.4	2,746	74.41	1,145	Dark 10.0	15.4	0.025	0.390															
938215	2010-04-25 10:10			BARELY DISCERNIBLE	USCG SECTOR NEW ORLEANS WILL BE NOTIFIED.		2	7.7	250	269	12.20	29		2.4	0.043	0.100															
938222	2010-04-26 12:20			SILVERY	CALLER INTENDS TO NOTIFY THE US COAST GUARD.	WSW		1.5	150	31	0.77	7		8.7	0.023	0.200															
938234	2010-04-23 10:00			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.	NNE	2	2.8	500	195	4.52	21		4.6	0.022	0.100															
938348	2010-04-27 10:15			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.	NNE	2	7.3	700	713	16.15	76		4.7	0.021	0.100															
938456	2010-04-28 10:35	9	E	BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.	SW	2	4.1	.4	1,390	35.67	149		4.2	0.026	0.100															
938551	2010-04-29 10:35			BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).	NW	3	2.1	.4	712	5.37	76		14.2	0.007	0.100															
939672	2010-05-09 14:00	16	WNW	BARELY DISCERNIBLE	CALLER INTENDS TO NOTIFY THE US COAST GUARD.			12872	700	204	0.00	22				0.100															
939875	2010-05-11 14:00	12	S	RAINBOW	CALLER WILL NOTIFY UNITED STATES COAST GUARD (USCG).		2	6.3	1500	1,318	0.00	1,409	Rainbow 1.0			1.000															
939960	2010-05-12 11:20			BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).		2	7.9	500	551	0.06	59				0.100															
940109	2010-05-13 13:30			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.	SSE	2	2.8	200	78	1.00	8		8.4	0.012	0.100															
940204	2010-05-14 10:30			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.		2	7	200	195	4.52	21		4.6	0.022	0.100															
940312	2010-05-15 6:30				CALLER HAD NO ADDITIONAL INFORMATION.					0			IGNORE																		
940503	2010-05-17 10:00			BARELY DISCERNIBLE	CALLER WILL NOTIFY SECTOR NEW ORLEANS.	SSW	2	4.1	1000	572	16.00	61		4.1	0.025	0.100															
940991	2010-05-20 8:35			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.		2	6	.3	1,526	22.27	163		7.3	0.014	0.100															
941174	2010-05-21 15:50	10	ESE	SILVERY	CALLER IS MAKING NOTIFICATIONS. CALLER SUSPECTS THE SHEEN IS RELATED TO THE DEEPWATER HORIZON OIL SPILL. CALLER IS REPORTING AN UNKNOWN SHEEN SIGHTING. EXACT SOURCE OF THE SHEEN IS UNKNOWN AT THIS TIME. CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).	E	1	10	.5	4,238	0.00	906				0.200															
941760	2010-05-26 13:00			BARELY DISCERNIBLE	CALLER WILL NOTIFY SECTOR NEW ORLEANS.			3.2	1000	446	0.00	48				0.100															
942705	2010-06-03 12:30	5		BARELY DISCERNIBLE	THE CALLER HAD NO ADDITIONAL INFORMATION.		2	3.5	500	244	3.23	26		8.1	0.012	0.100															
943532	2010-06-10 13:45	8	SE	LIGHT BROWN	THE CALLER IS REPORTING AN UNKNOWN SHEEN FROM AN UNKNOWN SOURCE. IT IS SUSPECTED TO BE FROM THE DEEPWATER HORIZON INCIDENT. THE CALLER STATED THAT THERE IS ALSO TANKBALLS WITHIN THE SHEEN.		2	10	10	IGNORE	0.00	IGNORE	LightBrown 5.0 in MC20 but maybe from DWTF. IGNORE. Sheen area would be 14,752 acres, and at 5.0 micron, 452,897 gal!			IGNORE											(Would be 84,752 acres if correct)	(Would be 452,897 gal if correct)	Would be 5,000 micron per assumption.		
948105	2010-07-18 10:55	10	ESE	BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).	E		8	50	56	0.02	6		313.8	0.0003	0.100															
948221	2010-07-19 11:30			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.	E	4		300	0	0.07	1.5	x20	20.0																	

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948668	2010-07-23 13:40			SILVERY	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).			5	50	3	0.01	1		149.1	0.001	0.200															
949040	2010-07-27 11:10		S	SILVERY	CALLER INTENDS TO NOTIFY US COAST GUARD.	SE		8.2	50	57	1.00	12		12.2	0.016	0.200															
949219	2010-07-28 15:50			SILVERY	CALLER HAD NO ADDITIONAL INFORMATION.			2	20	6	0.00	1		596.4	0.0003	0.200															
949425	2010-07-30 14:00		N	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.	NE		2	200	56	0.08	6		74.6	0.001	0.100															
949492	2010-07-31 10:20		NW	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.	SE		3	21120	800	388	6.92	41	6.0	0.017	0.100															
949664	2010-08-01 12:11			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			18480	300	127	1.40	14		9.7	0.010	0.100															
949662	2010-08-02 12:00		N	SILVERY	CALLER HAD NO ADDITIONAL INFORMATION.			1	500	70	0.68	15		21.9	0.009	0.200															
949935	2010-08-04 15:40			SILVERY	NO ADDITIONAL INFORMATION TO REPORTS.	SE		1.5	700	146	2.51	31		12.5	0.016	0.200															
950237	2010-08-07 10:30			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			2	9.5	30	40	0.00	4			0.100															
950346	2010-08-06 15:40			SILVERY	CALLER HAD NO ADDITIONAL INFORMATION.	E		1	50	7	0.09	1		16.0	0.012	0.200															
950668	2010-08-10 16:30			FAINT COLORS	CALLER WILL NOTIFY LOCAL USCG.			3.7	30	15	2.00	8	Faint Colors 0.5	4.1	0.121	0.500															
950963	2010-08-14 12:10		5 SW	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.	E		7.5	25	26	1.92	3		1.5	0.069	0.100															
951138	2010-08-16 13:30		10 N	BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.	E		1.5	210	44	0.30	5		15.7	0.008	0.100															
951297	2010-08-17 17:00		15 W	SILVERY	CALLER HAD NO ADDITIONAL INFORMATION.			2	7.8	10	11	1.20	2	11.9	0.103	0.200															
951691	2010-08-21 15:05		5 W	SILVERY	NO ADDITIONAL INFORMATION.	E		2	50160	100	115	2.07	25	19.0	0.017	0.200															
952106	2010-08-25 14:00			SILVERY	CALLER HAD NO ADDITIONAL INFORMATION.	ENE		2	3.5	500	244	11.23	52	4.6	0.043	0.200															
952312	2010-08-27 11:00		23 S	BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			3		0	0.00	52.00	Use previous day.	11.9	0.043	0.200															
953100	2010-09-04 13:15		0	SILVERY	NO ADDITIONAL INFORMATION.			2	1.3	300	54	5.40	12	2.2	0.093	0.200															
953170	2010-09-05 13:45		10 SSE	BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).			3	1.5	250	52	0.00	6			0.100															
953226	2010-09-06 13:05		10 S	OTHER	CALLER HAD NO ADDITIONAL INFORMATION.			2	3.4	150	71	4.87	97 x20	20.0	0.064	1.281															
953448	2010-09-08 15:40		5 SE	BARELY DISCERNIBLE	CALLER INTENDS TO NOTIFY THE US COAST GUARD.	NNW		2	5.6	3.5	16,198	885.00	1,732	2.0	0.051	0.100															
953531	2010-09-09 10:00		7 ESE	OTHER	NO ADDITIONAL INFORMATION.	SE		1.9	0.6	942	25.08	502	x20	20.0	0.025	0.498															
953642	2010-09-10 10:00			BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).			2	3.2	200	89	2.12	10	4.5	0.022	0.100															
953732	2010-09-11 11:15		4 S	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.			2	10.3	9	7,886	13.12	840	64.0	0.002	0.100															
953811	2010-09-12 11:15			BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).			2	5.8	350	283	6.60	30	4.6	0.022	0.100															
953969	2010-09-14 10:40			SILVERY	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).			2	3.8	75	40	2.51	8	3.4	0.059	0.200															
954360	2010-09-17 8:40			OTHER	NO ADDITIONAL INFORMATION.			2	9.3	100	130	0.00	28	0.2 Silvery		0.200															
954468	2010-09-18 10:35			OTHER	NO ADDITIONAL INFORMATION.			2	3.2	400	179	0.00	38	0.2 Silvery		0.200															
954619	2010-09-20 10:35		10 ENE	SILVERY	CALLER WILL NOTIFY SUSTON NEW ORLEANS.	SSW		2	6864	100	16	1.96	3	1.7	0.116	0.200															
954838	2010-09-22 10:50			BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).			3	2.1	900	264	12.00	28	2.3	0.043	0.100															
954935	2010-09-23 10:50		12 SSE	BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.	NNW		2	1.7	150	36	1.30	4	2.9	0.034	0.100															
955125	2010-09-25 11:15		13 NE	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			2	10.6	200	296	5.82	32	5.4	0.018	0.100															

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955204	2010-09-26 9:30			SILVERY	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).	SW	3	18480	75	32	1.52	7		4.5	0.045	0.200																	
955633	2010-09-30 10:45	15 S		BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.		3	1.8	1.6	2,441	23.84	261		10.9	0.009	0.100																	
955779	2010-10-01 12:45	12 NW		BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).		3	2.6	3.2	7,051	68.64	754		11.0	0.009	0.100																	
955841	2010-10-02 9:55			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.	ENE		1.3	500	91	2.00	10		4.8	0.021	0.100																	
955983	2010-10-04 10:00	16 NNE		BARELY DISCERNIBLE	NONE.	NNE	3	1.1	400	61	1.17	7		5.6	0.018	0.100																	
956054	2010-10-05 7:30	18 NE		BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.								IGNORE																				
956092	2010-10-05 11:20	16 NNE		BARELY DISCERNIBLE	CALLER INTENDS TO NOTIFY THE US COAST GUARD.	NNE	3	1.7	.6	864	11.00	92		8.4	0.012	0.100																	
956193	2010-10-06 11:10	16 N		BARELY DISCERNIBLE	CALLER WILL CONTACT LOCAL USCG.		3	2.6	300	109	3.16	12		3.7	0.027	0.100																	
956323	2010-10-07 11:00			SILVERY	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).	NE	2	3.1	350	151	8.33	32		3.9	0.051	0.200																	
956407	2010-10-08 9:10			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.	S	2	8.8	3.4	24,781	411.00	2,649		6.4	0.016	0.100																	
956445	2010-10-08 14:30			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.		2	9	400	502	13.80	54		3.9	0.028	0.100																	
956489	2010-10-09 9:50	9 W		BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.		2	5	2	8,475	414.00	906		2.2	0.046	0.100																	
956614	2010-10-11 10:25			BARELY DISCERNIBLE	NONE	SSE	2	9.7	800	1,082	82.99	116		1.4	0.072	0.100																	
956756	2010-10-12 10:50			OTHER	NO ADDITIONAL INFORMATION.			18.7	1000	2,608	154.62	279	0.1 Barely Discernible	1.8	0.056	0.100																	
956865	2010-10-13 9:50	9 NNW		BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).	SE	2	5	500	349	0.00	37				0.100																	
956984	2010-10-14 11:00			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.		2	3.9	70	38	14.00	4		0.3	0.344	0.100																	
957087	2010-10-15 11:20	8 E		BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.		2	5.4	.8	3,661	119.34	391		3.3	0.030	0.100																	
957103	2010-10-15 13:00			DARK BLACK	CALLER IS REPORTING A SHEEN OF UNKNOWN ORIGIN. CALLER HAD NO ADDITIONAL INFORMATION.	SE				75.5	1.00		Dark Black 100.0															0.009	0.920	100.000			
957170	2010-10-16 11:00	12 NW		BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			4.5	1.1	4,195	96.53	448		4.6	0.022	0.100																	
957216	2010-10-17 9:20			BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).		2	6.5	.4	2,204	31.20	236		7.5	0.013	0.100																	
957307	2010-10-18 12:30	7 NE		BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).		1	11.8	600	988	10.00	106		10.6	0.009	0.100																	
957421	2010-10-19 11:35	8 NE		FAINT COLORS	CALLER WILL NOTIFY MMS.	SE	2	11	7.2	67,123	7.12	1,794	Assume 6% coverage	252.0	0.0001	0.025																	
957434	2010-10-19 15:00	10 NE		DARK BLACK	CALLER IS REPORTING A SHEEN OF UNKNOWN ORIGIN. NO ADDITIONAL INFORMATION TO REPORT.	W	2	1	5		0.00		Dark Black 100.0. Repeat for this day.															423.758	45.300	100.000			
957502	2010-10-20 9:30	6 NW		SILVERY	NO ADDITIONAL INFORMATION.		3	8	600	670	5.69	143		25.2	0.008	0.200																	
957524	2010-10-20 9:00	13 NW		FAINT COLORS	OVERFLIGHT PERFORMED BY GULF COAST AVIATION.	SE	2	6.8	0.4	2,237	228.00	239	Not a Taylor report. Assume 20% coverage.	1.0	0.095	0.100																	
957744	2010-10-22 10:30			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.	NE		15	300	628	16.70	67		4.0	0.025	0.100																	
957846	2010-10-23 9:20			SILVERY	CALLER HAD NO ADDITIONAL INFORMATION.			1.5	25	5	0.53	1		2.1	0.095	0.200																	
957877	2010-10-24 8:50			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			1.3	30	5	0.24	1		2.4	0.041	0.100																	
958163	2010-10-27 8:15			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			5	50	35	0.78	4		4.8	0.021	0.100																	
958404	2010-10-29 8:15			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.		0	1.50	150	31	0.57	3	0.1 Barely Discernible	5.9	0.017	0.100																	
958492	2010-10-30 9:00			BARELY DISCERNIBLE	WAVE AND WEATHER CONDITIONS UNKNOWN.			5.4	500	377	11.16	81	0.2 Silvery	7.2	0.028	0.200																	
958558	2010-10-31 9:15			SILVERY	CALLER HAD NO ADDITIONAL COMMENTS.		0	6.3	500	439	17.89	94		5.3	0.038	0.200																	
958714	2010-11-02 6:40	11 NW		BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			9.5	250	331	0.00	35				0.100																	

2010 NRC Reports & OWOC Observations of surface oil sheen at GoM MC20,
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SEQNO	INCIDENT DATE TIME	WIND SPEED	WIND DIRECTION	SHEEN COLOR	SHEEN-ODOR DESCRIPTION & SHEEN ADDITIONAL INFO	DIRECTION OF SHEEN TRAVEL	WAVE CONDITION	SHEEN SIZE: LENGTH (NM or FT)	SHEEN SIZE: WIDTH (NM or FT)	Reported Sheen Area (acres)	Reported Amt of Material (Gal) "RAM"	BAOAC- Estimated Amt of Material (Gal) "BRAM"	Assumptions (BAOAC thicknesses for NRC data, etc.)	Ratio of Corrected / Reported Amt of Mtrl "BRAM / RAM"	Reported Equiv Avg Thickness (micron) "RET"	BAOAC-Corrected Equiv Avg Thickness (micron) "BRET"	OWOC Sheen Area (acres)	WOC Observed Amt of Material (Gal) "WAM"	OWOC Equiv Thickness (micron) "WET"	OWOC / BAOAC-Corrected Amt of Mtrl "WAM/BRAM"	OWOC / Reported Amt of Mtrl "WAM/RAM"	NOAA Sheen Area (acres)	NOAA Observed Amt of Material (Gal) "NAM"	NOAA Equiv Avg Thickness (micron) "NET"	NOAA / BAOAC-Corrected Amt of Mtrl "NAM/BRAM"	NOAA / Reported Amt of Mtrl "NAM/RAM"	OTHER Sheen Area (acres)	OTHER Observed Amt of Material (Gal) "OAM"	OTHER Equiv Thickness (micron) "OET"															
959096	2010-11-05 8:30			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			1.6	75	17	0.24	2		7.5	0.013	0.100																												
959136	2010-11-06 9:10			SILVERY	CALLER WILL CONTACT USCG NEW ORLEANS.			1.6	150	33	0.57	7		12.6	0.016	0.200																												
959273	2010-11-08 8:30			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.	ENE		4.2	50	29	0.43	3		7.4	0.014	0.100																												
959510	2010-11-10 9:40			BARELY DISCERNIBLE	CALLER HAD NO ADDITIONAL INFORMATION.			3.8	100	53	0.85	6		6.7	0.015	0.100																												
959612	2010-11-11 9:30			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			6	150	126	4.00	13		3.4	0.030	0.100																												
959679	2010-11-12 8:35			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.			2	200	56	0.70	6		8.5	0.012	0.100																												
959767	2010-11-13 9:30			BARELY DISCERNIBLE	THE CALLER HAD NO ADDITIONAL INFORMATION.			.5	200	14	0.27	1		5.6	0.018	0.100																												
959812	2010-11-14 9:35			BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).			1	500	70	2.97	7		2.5	0.040	0.100																												
959870	2010-11-15 9:00			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			1.3	1000	181	3.20	19		6.1	0.017	0.100																												
959972	2010-11-16 8:10			OTHER	NO ADDITIONAL INFORMATION.			1.3	150	27	0.25	3	0.1 Barely Discernible	11.8	0.008	0.100																												
960090	2010-11-17 8:45			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION PROVIDED.			2.7	400	151	1.62	16		9.9	0.010	0.100																												
960370	2010-11-20 9:30			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			8.1	75	85	1.73	9		5.2	0.019	0.100																												
960430	2010-11-21 9:15		13 SE	BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).	E		7.2	700	703	10.44	75		7.2	0.014	0.100																												
960781	2010-11-26 9:15			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION PROVIDED.			23760	1000	545	23.50	58		2.5	0.040	0.100																												
960857	2010-11-27 9:50			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			1	1000	139	1.23	15		12.1	0.008	0.100																												
960932	2010-11-29 9:55			BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).	NW		1.3	800	145	2.34	16		6.6	0.015	0.100																												
961117	2010-12-01 9:05			SILVERY	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).			.5	100	7	0.00	1				0.200																												
961225	2010-12-02 9:00		9 NE	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			2	100	28	0.30	3		9.9	0.010	0.100																												
961458	2010-12-05 9:05			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			4752	200	22	0.35	2		6.7	0.015	0.100																												
961892	2010-12-10 9:10			SILVERY	CALLER HAD NO ADDITIONAL INFORMATION.	WNW		2.3	.4	780	8.00	167		20.8	0.010	0.200																												
961996	2010-12-11 10:00			OTHER	NO ADDITIONAL INFORMATION.			1.2	800	134	0.32	29	0.2 Silvery	90.0	0.002	0.200																												
962217	2010-12-14 10:00		8 NNE	BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			3.8	200	106	1.30	11		8.7	0.011	0.100																												
962413	2010-12-16 9:30			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION TO REPORT.			1	50	7	0.06	1		12.0	0.008	0.100																												
962660	2010-12-19 9:25			BARELY DISCERNIBLE	CALLER WILL NOTIFY THE UNITED STATES COAST GUARD (USCG).			4.6	150	84	1.01	10		10.0	0.010	0.100																												
962990	2010-12-23 9:00			SILVERY	NO ADDITIONAL INFORMATION.			1.5	250	52	2.22	11		5.0	0.040	0.200																												
963050	2010-12-24 9:00			SILVERY	NO ADDITIONAL INFORMATION.			1.7	700	166	1.50	35		23.7	0.008	0.200																												
963138	2010-12-27 8:45		12	SILVERY	CALLER HAD NO ADDITIONAL COMMENTS.			1	.5	424	31.82	91		2.8	0.070	0.200																												
963228	2010-12-28 9:15			BARELY DISCERNIBLE	CALLER INTENDS TO NOTIFY US COAST GUARD.	NE		200	100	0.5	0.01	0.05		6.5	0.015	0.100																												
963433	2010-12-31 9:00			BARELY DISCERNIBLE	NO ADDITIONAL INFORMATION.			100	20	0.05	0.0001	0.0049	0.0001 gal is 0.08 TEASPOON FL	54.5	0.002	0.100																												
2010 TOTALS for (182) Taylor NRC Reports																																												
2010 Average Daily for (182) Taylor Reports:																																												
2010 MEDIAN for (182) Taylor Reports:																																												
2010 Average Daily for (0) NOAA satellite NRC Reports:																																												
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