

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" data-bbox="323 564 1306 710"> <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>



Table 1

2014 NRC Reports & OWOC observations of surface oil sheen at GoM MC20,
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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 (BAOAC thicknesses for NRC data, etc.)	Ratio of Corrected / Reported Amt of Mtrl "BRAM / RAM"	Reported Equip Avg Thickness (micron) "RET"	BAOAC-Corrected Equip Avg Thickness (micron) "BRET"	OWOC Sheen Area (acres)	WOC Observed Amt of Material (Gal) "WAM"	OWOC Equip 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 Equip Avg Thickness (micron) "NET"	NOAA / BAOAC-corrected Amt of Mtrl "NAM/ BRAM"	NOAA / Reported Amt of Mtrl "NAM/ RAM"		
1069333	2014-01-02 9:15			OTHER AND 10% SILVERY	SHEEN COLOR: 90% BRIGHTLY COLORED			1	25	3	0.09	3	Rainbow 1.0	38	0.024	0.9												
1070070	2014-01-04 11:00			RAINBOW				3	400	167	7.53	179	Rainbow 1.0	24	0.042	1.00												
1070121	2014-01-05 9:15							1.8	800	201	2.54	43	0.2 Silvery	17	0.012	0.20												
1070336	2014-01-07 10:00			BARELY DISCERNIBLE				4.8	150	17	0.07	2		26	0.004	0.10												
1070444	2014-01-08 9:30	19	ESE	SILVERY		SSW		4.2	25	7	0.02	1		75	0.003	0.20												
1070560	2014-01-09 10:00			BARELY DISCERNIBLE				3.2	150	42	0.76	4		6	0.017	0.10												
1070829	2014-01-11 12:55			BARELY DISCERNIBLE				4	4250	20	2	0.03	0	7	0.014	0.10												
1070988	2014-01-12 10:00			BARELY DISCERNIBLE				0	2.3	50	16	0.15	2	11	0.009	0.10												
1071029	2014-01-13 15:00			SILVERY				.9	200	25	0	5			0.000	0.20												
1071114	2014-01-14 10:00			SILVERY				5	400	279	0.62	60		96	0.002	0.20												
1071239	2014-01-15 9:50			SILVERY				4	2500	50	3	0.01	1	61	0.003	0.20												
1071334	2014-01-16 11:00			RAINBOW				3.6	2500	1,255	70.35	1,342	Rainbow 1.0	19	0.052	1.00												
1071363	2014-01-16 15:30			RAINBOW				0	2.5	1000	349	13.95	373		0.037	0.20												
1071431	2014-01-17 9:15							0	110.66				2,213 x20	20		0.10												
1071467	2014-01-17 15:50			SILVERY				0	2.5	3.5	7,416	8.78	1,585 Silvery 0.2	181	0.001	0.20												
1071501	2014-01-18 9:30			SILVERY				1	3.1	300	130	0.5	28	56	0.004	0.20												
1071577	2014-01-19 10:00							2				0.36	7 x 20	20		0.10												
1071653	2014-01-20 10:30			OTHER	70% BRIGHTLY COLORED			0	2.5	200	70	0.47	57	30% Silvery, Bright 1.0	121	0.006	0.76											
1071835	2014-01-22 10:30			BARELY DISCERNIBLE				2	1.5	80	17	0.08	2	22	0.004	0.10												
1071906	2014-01-23 8:35			BARELY DISCERNIBLE				2	4.72	150	99	0.57	11	19	0.005	0.10												
1072049	2014-01-24 14:40			BARELY DISCERNIBLE				3	1.1	200	31	0.035	3	94	0.001	0.10												
1072099	2014-01-25 11:30			BARELY DISCERNIBLE		SSW		2	2.7	70	26	0.27	3	10	0.010	0.10												
1072156	2014-01-26 10:15							0	0.85				17 x20	20		0.10												
1072247	2014-01-27 9:20			SILVERY				3	2.67	70	26	0.2	6	28	0.007	0.20												
1072499	2014-01-30 10:20			SILVERY		SW		3	5.5	.5	2,331	3.1	498 Silvery 0.2	161	0.001	0.20												
1072630	2014-01-31 12:00			BARELY DISCERNIBLE		SW		2	4.2	200	117	1.44	13	9	0.011	0.10												
1072737	2014-02-01 9:45			SILVERY		SSW		2	1.1	150	23	0.24	5	21	0.010	0.20												
1072843	2014-02-03 10:00			SILVERY				3	1	100	14	0.04	3	75	0.003	0.20												
1073082	2014-02-05 10:00							1	25	3	0		1 Silvery 0.2		0.000	0.20												
1073291	2014-02-07 9:50							3.5	90	44	0.57	11	Silvery 0.2	20	0.012	0.24												
1073295	2014-02-07 11:30			RAINBOW	(MC21) CALLER STATED THAT HE HAS PICTURES OF THE SHEEN IF NEEDED. "Making notification". CALLER IS REPORTING AN UNKNOWN SHEEN IN THE GULF OF MEXICO. CALLER STATED IT APPEARS THAT THE SHEEN IS COMING FROM SOMETHING THAT IS SUBMERGED IN LOCATION PROVIDED.			1.5	90	19	0		20	Use width of same day report		0.000	1.00											
1073358	2014-02-08 9:56			BARELY DISCERNIBLE				3	2.75	70	27	0.11	3	26	0.004	0.10												
1073424	2014-02-09 9:30			BARELY DISCERNIBLE				4.6	75	48	0		5		0.000	0.10												
1073621	2014-02-10 11:30							2	4.1	25	14	0.02	2	115	0.001	0.15												
1073795	2014-02-12 14:30			SILVERY	THE CALLER IS REPORTING A DISCHARGE OF CRUDE OIL INTO THE GULF OF MEXICO. THIS IS DUE TO A PLATFORM DAMAGED BY HURRICANE IVA.			3	1	100	14	0.03	3	99	0.002	0.20												
1073878	2014-02-13 10:30							3	3.5	75	37	0.16	8	Silvery 0.2	49	0.004	0.20											
1074002	2014-02-14 10:15			BARELY DISCERNIBLE				0	5	50	35	0.15	4	25	0.004	0.10												
1074088	2014-02-15 10:30			BARELY DISCERNIBLE		SW		3	2.9	80	32	0.12	3	29	0.003	0.10												
1074156	2014-02-16 10:15							3.6	8	40	0.04		4	107	0.001	0.10												
1074246	2014-02-17 9:40			BARELY DISCERNIBLE				2.7	200	75	0.55	8		15	0.007	0.10												
1074378	2014-02-18 12:30			BARELY DISCERNIBLE				3.8	100	53	0.68	6		8	0.012	0.10												
1074516	2014-02-19 15:00			BARELY DISCERNIBLE				4.3	150	90	0.64	10		15	0.007	0.10												
1074609	2014-02-20 11:20			BARELY DISCERNIBLE				5.4	300	226	2.7	24		9	0.011	0.10												
1074761	2014-02-21 13:00			BARELY DISCERNIBLE				4	5.8	50	40	0.19	4	23	0.004	0.10												
1074800	2014-02-22 10:00			SILVERY		WSW		3	5	200	139	0.72	30	41	0.005	0.20												
1075085	2014-02-25 13:05			RAINBOW				0	5.5	100	77	0.61	82	Rainbow 1.0	134	0.007	1.00											

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1075280	2014-02-27 10:25			BARELY DISCERNIBLE			5	2.5	200	70	0.05	7		149	0.001	0.10												
1075407	2014-02-28 9:30			BARELY DISCERNIBLE				15	400	837	2.8	89		32	0.003	0.10												
1075472	2014-03-01 9:20		SSW	SILVERY		NNE	2	1.5	500	105	0.28	22		80	0.003	0.20												
1075545	2014-03-02 11:00			SILVERY			3	7	250	24	0.8	5		7	0.031	0.20												
1075618	2014-03-03 8:20			OTHER	90% SLIGHTLY COLORED		2	3.5	500	244	0.63	123	10% Silvery, 90% Slightly colored	195	0.002	0.47												
1075700	2014-03-04 9:15		12 E	BARELY DISCERNIBLE			3	2.5	50	17	0.93	2		2	0.050	0.10												
1076011	2014-03-07 10:15		NE	OTHER	SHEEN WAS SLIGHTLY COLORED.		2	6.5	25	23	0.14	12		87	0.006	0.50												
1076087	2014-03-08 10:00			BARELY DISCERNIBLE	SHEEN WAS 70% BARELY VISIBLE			3.3	70	32	0.16	4	30% Silvery, 70% BD	28	0.005	0.13												
1076145	2014-03-09 10:25		7	SILVERY			0	3.1	50	22	0.22	5		21	0.010	0.20												
1076241	2014-03-10 10:20		4 SE	OTHER	SHEEN: 30% BARELY VISIBLE, 40% SILVERY, 10% LIGHT RAINBOW, 20% BRIGHT RAINBOW, 10% COVERAGE		0	4.8	70	47	0.5	18		36	0.010	0.38												
1076349	2014-03-11 9:00		6	RAINBOW			2	7	60	59	0.96	63	Rainbow 1.0	65	0.015	1.00												
1076495	2014-03-12 10:00		15 W	RAINBOW			3	5	200	139	2.85	149	Silvery 0.2	52	0.019	1.00												
1076677	2014-03-14 10:20			SILVERY			2	5.5	500	384	1.28	82	Silvery 0.2	64	0.003	0.20												
1076763	2014-03-15 10:45				SHEEN WAS 50% BRIGHTLY COLORED		3	4.5	500	314	2.01	201	50% Bright 1.0, 50% Silvery	100	0.006	0.60												
1076825	2014-03-16 13:45		1 NE		60% SLIGHTLY COLORED			2.5	200	70	0.45	28	40% Silvery	63	0.006	0.38												
1076913	2014-03-17 11:40			OTHER	60% SLIGHTLY COLORED	S		2.5	100	35	0.17	14	40% Silvery	83	0.005	0.38												
1076993	2014-03-18 9:05		8	RAINBOW			2	6	100	84	1	89	Rainbow 1.0	89	0.011	1.00												
1077111	2014-03-19 9:45		7 E	RAINBOW		WSW	2	2.1	200	59	0.8	63	Rainbow 1.0	79	0.013	1.00												
1077210	2014-03-20 9:00			SILVERY		W	2	2.5	200	70	0.73	15		20	0.010	0.20												
1077354	2014-03-21 13:35			SILVERY			2	5	150	105	0.62	22		36	0.006	0.20												
1077432	2014-03-22 14:30				30% BARELY VISIBLE, 40% SILVERY, 20% SLIGHTLY COLOR, 10 RAINBOW.		2	5	110	77	1.42	25		18	0.017	0.31												
1077503	2014-03-23 14:45			SILVERY	30% BARELY VISIBLE			2	90	25	0.36	5	70% Silvery	13	0.013	0.17												
1077605	2014-03-24 14:20				SHEEN COLOR: 20% DULL 30% SILVER AND 50% SLIGHTLY COLORED.		3	2	50	14	0.11	14		123	0.007	0.91												
1077676	2014-03-25 8:55		20 ENE	OTHER			3	3.8	75	40	0.49	8	0.2 Silvery	17	0.012	0.20												
1077833	2014-03-26 12:40		11 ESE	FAINT COLORS		WSW	3	3.5	50	24	0.29	13		45	0.011	0.50												
1077925	2014-03-27 9:00		12 S	SILVERY		N	3	1.4	200	39	0.2	8	0.2 Silvery	42	0.005	0.20												
1078084	2014-03-28 9:15						2	1	5	424	2.19	31	0.2 Silvery	41	0.005	0.20												
1078151	2014-03-29 9:30			RAINBOW		S	0	2.5	400	139	1.61	149		93	0.011	1.00												
1078257	2014-03-30 13:00		12 ESE	SILVERY			4	6.6	50	46	0.12	10		10	0.002	0.20												
1078338	2014-03-31 10:40			SILVERY			3	5	75	52	0.4	11		28	0.007	0.20												
1078478	2014-04-01 9:15		10				4	2.2	300	93	0.7	20	0.2 Silvery	28	0.007	0.20												
1078582	2014-04-02 11:00			OTHER	SHEEN COLOR: 25% SILVER, 40% SLIGHTLY, 30% BRIGHTLY, 5% DULL		2	2.5	150	52	0.51	39		77	0.009	0.70												
1078722	2014-04-03 11:30			BARELY DISCERNIBLE				2.5	30	10	0.02	1		56	0.002	0.10												
1078809	2014-04-04 9:10				SHEEN WAS SLIGHTLY COLORED		3	3.5	200	98	0.92	52	Slightly Colored 0.5	57	0.009	0.50												
1078897	2014-04-05 11:15		22 ENE		40% BARELY VISIBLE, 30% SILVERY, 10% SLIGHTLY COLORED, 20% BRIGHTLY COLORED		3	3.7	70	36	0.26	14		52	0.007	0.35												
1079048	2014-04-07 10:40		11 W	SILVERY		ESE	3	1.8	80	20	0.17	4		25	0.008	0.20												
1079156	2014-04-08 9:15				SHEEN COLOR: 50% SILVERY AND 50% BRIGHTLY COLORED.		2	5	50	35	0.18	22		124	0.005	0.60												
1079175	2014-04-08 15:05				***REPORT RECEIVED VIA NESDIS MARINE POLLUTION SURVEILLANCE REPORT*** AN AREA OF SUSPECTED OIL EXTENDS 18KM SOUTHWEST FROM THE LOCATION OF THE DESTROYED TAYLOR PLATFORM. LOCATION OF THE ANOMALY AND THE WHITE COLOR WITH RESPECT TO THE SURROUNDING WATER GIVE HIGH CONFIDENCE THIS IS OIL.			9.7	50		0	0.1 Minimum.										68		7	0.100	0.3	40.3	
1079264	2014-04-09 9:55		18 NE	BARELY DISCERNIBLE		WSW	4	2	100	28	0.1	3		30	0.063	0.10												
1079370	2014-04-10 9:10			RAINBOW	BRIGHTLY COLORED		0	12	200	335	2.15	358		166	0.006	1.00												
1079433	2014-04-10 20:28				///NESDIS MARINE POLLUTION SURVEILLANCE REPORT///CONFIDENCE IS MEDIUM-HIGH DUE TO NRC REPORT #1079307 CONFIRMING A 12 MILE SHEEN FROM KNOWN LEAK SITE AND CITES A "BRIGHT COLORATION" THAT IS CONSISTENT WITH THE ANOMALY IN SATELLITE IMAGERY. SUSPECTED SHEEN IS A TOTAL OF 10 MILES IN LENGTH. ALTHOUGH TIME OF IMAGE IS CONSISTENT WITH FAVORABLE WIND AND CLOUD CONDITIONS, OCEAN CURRENT MODELS DO NOT MATCH THE TIME AND LOCATION OF SHEEN. COLORATION OF THE SUSPECTED SHEEN IS ALSO NOT BLACK, AS THIS IS A CONSISTENT COLORATION WITH MULTISPECTRAL IMAGERY. HIGH TRAFFIC AREA OF MOVING SEDIMENT FROM THE MISSISSIPPI AREA ALSO AFFECTS CONFIDENCE DUE TO DISCOLORATION IN THE ANOMALOUS AREA.			12	200		0	Use width of same day report 0.1 micron Minimum.											335		36	0.100	0.1	16.6



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SEGNOS	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 Equip Avg Thickness (micron) "RET"	BAOAC- Corrected Equip Avg Thickness (micron) "BRET"	OWOC Sheen Area (acres)	WOC Observed Amt of Material (Gal) "WAM"	OWOC Equip 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 Equip Avg Thickness (micron) "NET"	NOAA / BAOAC-corrected Amt of Mtrl "NAM/BRAM"	NOAA / Reported Amt of Mtrl "NAM/RAM"	
OWOC Web Article	20140411 - OWOC Flight				Slick ran NE from previous buoy site. About 5 nm long, 500 ft wide. From Fil Log: 28.98 - 88.93 2014-04-11T16:12:16Z East end of the Taylor Slick, really ugly today. See photos from belly viewer. 20% Rainbow, 20% Faint colors, 50% Silvery, 10% Barely Discernible. 50% coverage.			2	5	500			20% R, 20% FC, 50% S, 10% BD; 50% coverage				349	76	0.205	2.3	293.9						
1079508	2014-04-11 9:50	8	NE	BARELY DISCERNIBLE			3	4.5	500	314	0.26	34	BD	129	0.001	0.10											
1079598	2014-04-12 12:10	15	SE	OTHER	SHEEN WAS 20% BARELY VISIBLE, 40% SILVERY AND 40% SLIGHTLY COLORED.		4	2	200	56	0.49	18		37	0.008	0.30											
1079658	2014-04-13 9:18			SILVERY	SHEEN INFORMATION: 20% BARELY VISIBLE, 30% SILVER, 40% SLIGHTLY COLORED, 10% DULL		2	1.5	200	42	0.73	26		36	0.016	0.58											
1079703	2014-04-14 9:23			SILVERY			3	1	500	70	3.47	69	x20	20	0.047	0.93											
1079926	2014-04-16 11:00			SILVERY			3	8	150	167	0.43	36		63	0.002	0.20											
1080045	2014-04-17 11:15			BARELY DISCERNIBLE			2	3.5	90	44	0.06		9 Silvery 0.2	9	0.001	0.20											
1080215	2014-04-19 9:20	17	NE	BARELY DISCERNIBLE			3	3.8	50	27	0.21	3		13	0.007	0.10											
1080271	2014-04-20 9:25	12	E	BARELY DISCERNIBLE		SW	2	6.83	70	67	0.5	7		14	0.007	0.10											
1080366	2014-04-21 9:35	7	ENE	BARELY DISCERNIBLE			2	6.51	70	64	0.84	7		8	0.012	0.10											
1080464	2014-04-22 9:10	10				SSW	2	4.5	150	94	4.21	20	0.2 Silvery	5	0.042	0.60											
1080570	2014-04-23 9:10	3	E	RAINBOW	SHEEN COLOR: 40% DULL, 20% BARELY VISIBLE, 30% SLIGHTLY COLORED AND 10% SILVERY.		2	2.2	50	15	0.33	23		69	0.020	1.39											
1080827	2014-04-25 10:05			RAINBOW			2	5.5	150	115	3.17	123		39	0.026	1.00											
1080926	2014-04-26 10:20	6	SE		****NESDIS MARINE POLLUTION SURVEILLANCE REPORT**** UNCERTAINTIES: **RESENT FOR CORRECTED LOG** AN AREA OF POSSIBLE OIL EXTENDS 22KM EAST OF THE POINT SOURCE NEAR THE BIRD'S FOOT DELTA. THE POINT SOURCE FOR THIS AREA IS THE SITE OF THE DESTROYED TAYLOR PLATFORM AND THE AREA HAS A WHITE SHEEN WHICH GIVE HIGH CONFIDENCE IN IT BEING OIL. HOWEVER, MODEL WINDS AND OCEAN CURRENTS DISAGREE WITH OIL MOVEMENT SO CONFIDENCE IS DOWNGRADED TO MEDIUM-HIGH.		2	7	150	146	1.41	157	Rainbow 1.0	111	0.009	1.00											
1080948	2014-04-26 18:49							11.9	150		0		Use width of same day report, 0.1 micron Minimum.									249	27	0.100	0.2	18.8	
1080987	2014-04-27 11:36			RAINBOW SILVERY AND BARELY DISCERNIBLE	***THIS REPORT WAS RECEIVED VIA THE NESDIS MARINE POLLUTION SURVEILLANCE REPORT** REMARKS: SUSPECTED SLICK IS FROM A KNOWN REPEAT LEAK SITE OFF THE BIRD'S FOOT OF LOUISIANA. THE SUSPECTED SLICK EXTENDS FOR APPROXIMATELY 19 MILES LONG TO THE NORTH EAST OF THE SUSPECTED POINT SOURCE AND IS AS WIDE AS 8 MILES. THE ANOMALY APPEARS AS A "BRIGHT COLORIZATION" IN SUN GLINT. SURFACE WINDS ARE CONSISTENT WITH THE ORIENTATION OF THE SLICK OUT OF THE SOUTHEAST AT 10-15 KNOTS. HOWEVER, OCEAN CURRENTS DO NOT AGREE WITH THE ORIENTATION AND ARE OUT OF THE NORTH NORTH-WEST.	NE	3	5.8	100	81	0.64	50	Discernible	78	0.007	0.58											
1081017	2014-04-27 17:48	15	SE		SHEEN COLOR: 10% BARELY VISIBLE, 30% SILVERY, 20% SLIGHTLY COLOR RAINBOW, 40% BRIGHTLY COLORED RAINBOW.		4	6	100	84	2.13	51		24	0.024	0.57							9,662	1,033	0.100	20.8	1,613.8
1081087	2014-04-28 10:30	18	SE				4	6	100	84	2.13	51		24	0.024	0.57											
1081315	2014-04-30 10:35	10	NE	SILVERY		SSW	2	3.2	70	31	0.27	7		25	0.008	0.20											
1081445	2014-05-01 13:45			SILVERY		WSW	3	4.8	50	33	0.43	7		17	0.012	0.20											
1081561	2014-05-02 9:25			SILVERY			2	5.8	70	57	1.05	12		12	0.017	0.20											
1081649	2014-05-03 9:00				SHEEN WAS 80% BARELY VISIBLE, 15% SILVERY AND 5% SLIGHTLY COLORED. NESDIS MARINE POLLUTION SURVEILLANCE REPORT//SUSPECTED OIL ORIGINATING FROM KNOWN REPEAT LEAK SOURCE OFF OF THE BIRD'S FOOT IN THE GULF OF MEXICO. THE ANOMALY MEASURES 10.7 MILES IN LENGTH. THE WIND AND MODELED OCEAN CURRENTS IN THE AREA AT THE TIME AND DIRECTION OF THE INCIDENT ARE FAVORABLE. CONFIDENCE IS HIGH BECAUSE THE ANOMALY APPEARS SILVER IN SUN GLINT.		2	5.47	90	69	0.6	12		20	0.008	0.16											
1081671	2014-05-03 20:17							10.7	100		0		Use width of same day report, 0.1 micron Minimum.									149	16	0.100	1.4	26.6	



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					<p>***NESDIS OIL REPORT*** ***NESDIS OIL REPORT*** SUSPECTED OIL SLICK ORIGINATING FROM THE DESTROYED TAYLOR OIL PLATFORM, A REPEAT LEAK SOURCE. THE ANOMALY MEASURED 18 MILES LONG AND AS WIDE AS 9 MILES. OCEAN CURRENTS AGREE WITH THE ORIENTATION OF THE SLICK WITH MODELED CURRENT OUT OF THE NORTH-NORTHEAST. HOWEVER SURFACE WINDS WERE 5-10 KNOTS OUT OF THE WEST NORTH-WEST. HIGH CONFIDENCE IN THIS ANOMALY AS THIS WAS ALSO SEEN IN YESTERDAY'S TERRA PASS IN ADDITION TO A SILVER APPEARANCE IN SUNLIGHT.</p> <p>UNCERTAINTIES: LITTLE UNCERTAINTIES EXIST WITH THIS ANOMALY AS IT WAS SEEN IN YESTERDAY'S TERRA PASS AND THIS ANOMALY IS ASSOCIATED WITH A REPEAT LEAK SOURCE. MODELED OCEAN CURRENTS AGREE WITH THE ORIENTATION OF THE SLICK AND COLOR OF THE SLICK IS SILVER IN SUNGLINT. HOWEVER, SURFACE WINDS DO NOT AGREE WITH THE ORIENTATION AS THEY ARE OUT OF THE WEST NORTH-WEST AT 5-10 KNOTS.</p>							0		0.1 Minimum.										13,730	1,468	0.100	125.3	1,906.1
1081739	2014-05-04 16:55		10 ESE					18	9																			
1081831	2014-05-05 11:00			SILVERY		SSW	1	5.61	70	55	0.77	12		15	0.013		0.20											
1081924	2014-05-06 10:00			OTHER SHEEN COLOR: BRIGHTLY COLORED.		E	0	12	100	167	0.78	179		229	0.004		1.00											
1082040	2014-05-07 9:20		15 SE	BARELY DISCERNIBLE		NE	3	12	300	502	0.82	54		65	0.002		0.10											
1082134	2014-05-08 10:00		18 SE				4	15	400	837	0.88	89	0.1 Minimum.	102	0.001		0.10											
1082354	2014-05-10 10:00			OTHER		SW	3	4.8	150	100	0.89	11	0.1 Minimum	12	0.008		0.10											
1082425	2014-05-11 11:23			SHEEN COLOR: 60% BRIGHTLY COLORED AND 40% SILVERY.			4	2.8	50	20	0	14			0.000		0.68											
1082502	2014-05-12 9:05			OTHER 60% BRIGHTLY COLORED, 40% SILVER.				2.5	150	52	1	38		38	0.018		0.68											
1082552	2014-05-12 15:03			***NESDIS OIL REPORT*** UNCERTAINTIES: LITTLE UNCERTAINTY THAT THE ANOMALY IS OIL, HOWEVER THE SUSPECTED POINT SOURCE MAY NOT BE THE OIL RIG LOCATED NEAR THE SHEEN. THE FIRST SEGMENT OF OIL NEAR THE POINT SOURCE IS SUBTLE IN SATELLITE IMAGERY WHERE THE SECOND SEGMENT IS MORE PRONOUNCED.		W		5	150		0		Use width of same day report. 0.1 micron Minimum.									105	11	0.100	0.3	11.2		
1082638	2014-05-13 9:30			SILVERY			4	9	100	126	0.2	27		34	0.001		0.20											
1082697	2014-05-13 18:06		7 WSW		<p>***NESDIS OIL REPORT*** UNCERTAINTIES: CONFIDENCE IS REDUCED TO MEDIUM DUE TO THE ANOMALY BEING WITHIN CLOSE PROXIMITY TO CLOUDS. HOWEVER SURFACE WINDS, MODELED OCEAN CURRENTS, AND YESTERDAY'S LANDSAT-7 IMAGE ALL SUPPORT THE ORIENTATION OF THE ANOMALY SEEN IN TODAY'S IMAGE.</p> <p>//MARINE POLLUTION SURVEILLANCE REPORT// NESDIS REPORT// SUSPECTED OIL LOCATED FROM REPEAT LEAK SOURCE, THE DESTROYED TAYLOR PLATFORM OFF BIRDS FOOT OF LOUISIANA.</p> <p>SLICK EXTENDS FOR APPROXIMATELY 1.9 MILES TO THE WEST SOUTH-WEST OF SUSPECTED POINT SOURCE. SURFACE WINDS SUPPORT THE ORIENTATION OF THE SLICK OUT OF THE EAST AT 5-10 KNOTS AT TIME OF THE IMAGE. IN ADDITION, MODELED OCEAN CURRENTS WERE OUT OF THE EAST NORTH-EAST WHICH ALSO SUPPORTS THE ORIENTATION OF THE SLICK. ANOMALY IS JUST TO THE EAST OF CLOUD COVER WHICH INCREASES UNCERTAINTY BUT YESTERDAY'S LANDSAT-7 IMAGE ALSO SHOWED A SIMILAR ANOMALY WITH A SIMILAR ORIENTATION WITH RESPECT TO THE DESTROYED TAYLOR PLATFORM.</p>	W		1.9	0.2		0		Use width of same day report. 0.1 micron Minimum.									322	34	0.100	1.3	172.1		
1082708	2014-05-13 18:06	NA	NA					NA	NA	NA	NA	NA	IGNORE - REPEAT									NA	NA	NA	NA	NA		
1082776	2014-05-14 10:30		10 ENE	RAINBOW		WSW	2	7	200	195	5.4	209		39	0.026		1.00											
1082985	2014-05-13 10:44				<p>MARINE POLLUTION SURVEILLANCE REPORT// NESDIS MARINE POLLUTION SURVEILLANCE REPORT// THIS OIL WAS DETECTED FROM A REPEAT LEAK SOURCE. THERE IS ALSO AN NRC REPORT FROM MAY 13TH THAT CONFIRMS THE SLICK (NRC REPORT #1082638) ORIENTATION AND LENGTH. THEREFORE LITTLE UNCERTAINTY EXISTS THAT THIS IS OIL.</p> <p>AN OIL SLICK WAS DETECTED ORIGINATING FROM THE DESTROYED TAYLOR PLATFORM, EXTENDING MAINLY TO THE WEST ALMOST 3 MILES. THERE WERE THREE DISTINCT SEGMENTS OF OIL WITH THE LONGEST AND WIDEST SEGMENT CONNECTED DIRECTLY WITH THE PLATFORM. THIS MAIN SEGMENT WAS 4 MILES IN LENGTH AND ABOUT .02 MILES IN WIDE. THERE WAS A FAINT OIL SIGNATURE IN THE IMAGERY THAT SUGGESTS THAT THE OIL SLICK IS CONTINUOUS AND NOT BROKEN INTO SEGMENTS BUT CONFIDENCE WAS NOT AS HIGH WHEN ANALYZING THOSE PORTIONS OF THE OIL.</p>			9.2			0		0.1 minimum										1,526	163	0.100	0.8	30.2	
1082993	2014-05-16 9:15			SILVERY				18	100	251	0.64	54		84	0.002		0.20											
1083082	2014-05-17 10:45			BARELY DISCERNIBLE			2	5	200	139	2.03	15		7	0.014		0.10											
1083148	2014-05-18 12:00		5 SE		SHEEN COLOR: 60% BARELY VISIBLE, 25% SILVERY, 10% SLIGHTLY COLORED AND 10% BRIGHTLY COLORED.		1	10.3	100	144	0.75	40		53	0.005		0.26											
1083251	2014-05-19 9:35		10 E	BARELY DISCERNIBLE			2	9	100	126	0.37	13		36	0.003		0.10											



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					UNKNOWN ***NESDIS OIL REPORT*** POSSIBLE OIL IS CONNECTED TO THE DESTROYED TAYLOR ENERGY PLATFORM. A REPEAT LEAK SOURCE. THESE ARE ADDITIONAL SEGMENTS OF POSSIBLE OIL TO THE NORTHEAST OF THE SLICK CONNECTED TO THE TAYLOR PLATFORM. WINDS AT THE TIME OF THE REPORT WERE OUT OF THE SOUTHEAST AT 10-15 KNOTS. THE ANOMALY HAS A WHITE COLORIZATION APPEARANCE TO IT. CONSISTENT WITH OIL IN SUNLIGHT CONDITIONS. THE POSSIBLE OIL DIRECTLY CONNECTED TO THE POINT SOURCE EXTENDS FOR APPROXIMATELY 15 MILES TO THE NORTH. THE NON-COONNECTED OIL TO THE NORTHEAST OF THE POINT SOURCE IS AS FAR AT 67 MILES TO THE NORTHEAST. UNCERTAINTIES: LITTLE UNCERTAINTY WITH THE SOUTHERN MOST ANOMALY CONNECTED TO THE DESTROYED TAYLOR PLATFORM. AS THIS IS A REPEAT LEAK SOURCE, HOWEVER, IT IS UNCLEAR IF THE ANOMALIES FURTHER TO THE NORTH AND NORTHEAST IS OIL ASSOCIATED WITH DESTROYED TAYLOR PLATFORM, REDUCING THIS CONFIDENCE TO MEDIUM-HIGH. THE WHITE COLORIZATION APPEARANCE IS CONSISTENT WITH OIL IN SUNLIGHT CONDITIONS. IN ADDITION, THE IRREGULAR SHAPE WITH FEATHERING INCREASES CONFIDENCE.																								
1083260	2014-05-19 14:30	15				NNE		15	100		0											209		22	0.100	1.7	60.5		
1083349	2014-05-20 9:00				BARELY DISCERNIBLE	ENE	3	3.8	500	265	0.29	28			98	0.001	0.10												
					SILVERY SUSPECTED OIL FROM KNOWN REPEAT LEAK SOURCE IN THE GULF OF MEXICO OFF THE COAST OF THE BIRD'S FOOT, LOUISIANA. WIND DIRECTION AND SPEED ARE FAVORABLE FOR MOVING OIL DURING THE TIME OF IMAGE. THE MODELED OCEAN CURRENTS FOR THE TIME OF THE IMAGE ALSO AGREE WITH THE DIRECTION OF THE TRANSPORT OF OIL. THE OIL IS LOCATED SOMEWHAT OUT OF SUNGLINT, SO IT APPEARS SILVER TO BLACK. THE CONNECTED OIL MEASURES 6.4 MILES FROM THE POINT SOURCE AS WELL AS 16 MILES NORTH AT THE FARTHEST NON-COONNECTED AREA. IT IS POSSIBLE THE OIL REPORTED YESTERDAY REACHES THE CHANDELIER ISLANDS DUE TO THE NRC REPORT #1083260, WHICH INCREASES CONFIDENCE THAT THE OIL HAS DRIFTED WEST IN THAT REGION. UNCERTAINTIES: ALTHOUGH LITTLE UNCERTAINTY IS ISSUED FOR THE ACTUAL CONNECTED TAYLOR PLATFORM ANOMALY, CONFIDENCE IS LOWER FOR THE NON-COONNECTED SEGMENTS OF REMNANT OIL SEEN NEAR THE CHANDELIER ISLANDS NORTH OF THE POINT SOURCE. ALTHOUGH THE NORTHERN ANOMALIES ARE NOT BIOGENIC, THEY ARE THOUGHT TO BE FROM THE TAYLOR OIL EVENT YESTERDAY, DOCUMENTED IN NRC REPORT #1083260 WHICH INCREASES CONFIDENCE.			6.4	500		0			Width of same day report, 0.1 micron minimum.										446		48	0.100	1.7	164.5
OWOC Web Article	20140521 - OWOC Fight	10	SSE		Mostly silvery/grey with some emulsion (5%), some faint colors (10%). 20% coverage. Sargassum heavy here, almost to the coastline. Lots of oil with the sargassum lines and patches. From Fil Log: "1010 28.96 -88.97 2014-05-21T17:56:07Z Nearby at north-east end of worst of Taylor slick — what a mess. Lots of sargassum, some of it very oily looking."			2	4	0.5			5% Emulsion (10.0), 10% FC, 85% S, 20% Coverage.				1,695	261	0.144	8.0	652.3								
1083494	2014-05-21 9:30				BARELY DISCERNIBLE SECONDARY AREA OF POSSIBLE OIL, ORIENTED WEST TO EAST, ABOUT 7 MILES LONG AND 1 MILE WIDE. ***THIS REPORT WAS RECEIVED VIA NOAA NESDIS*** ***NESDIS REPORT*** AN AREA OF POSSIBLE OIL WAS DETECTED EXTENDING NORTHEASTWARD FROM THE DESTROYED TAYLOR PLATFORM. THE PORTION DIRECTLY CONNECTED TO THE PLATFORM EXTENDS ALMOST 8 MILES AND IS 2 MILES WIDE. A SECONDARY AREA OF POSSIBLE OIL, ORIENTED WEST-TO-EAST, IS ABOUT 7 MILES LONG AND 1 MILE WIDE. WHILE THE SEDIMENT MAKES IT DIFFICULT TO DISCERN THE FULL EXTENT OF THE OIL, THE OIL STILL HAS A MODERATE CONTRAST TO ITS SURROUNDINGS. ALSO, THE OIL IS LOCATED IN THE SAME REGION AND HAS A SIMILAR ORIENTATION AS YESTERDAY'S IMPR REPORT. THE PERSISTENCE OF THE OIL OVER TWO DAYS SEEMS REASONABLE BECAUSE OF THE WEAK SURFACE WINDS.			4.4	500	307	0.4	33	BD			82	0.001	0.10											
1083523	2014-05-21 11:55							8	2		0		0.1 Minimum.									13,560		1,450	0.100	44.2	3,624.0		
1083583	2014-05-22 9:35	4	NE	RAINBOW		E	3	4.5	200	126	1.34	134	Rainbow 1.0	100	0.010	1.00													
1083715	2014-05-23 9:15				BARELY DISCERNIBLE		3	5.5	150	115	0.7	12		18	0.006	0.10													
1083794	2014-05-24 10:35				RAINBOW		2	5.4	150	113	1.07	121		113	0.009	1.00													
1083886	2014-05-25 8:50				RAINBOW	SE	2	7	750	732	2.52	783		311	0.003	1.00													
1083936	2014-05-26 8:25				OTHER SHEEN COLORIZATION: 20% SILVERY, 36% SLIGHT COLOR, 40% BRIGHTLY COLORED, AND 5% DULL	NE	2	4	200	112	1.21	91		75	0.010	0.77													
1084025	2014-05-27 9:40				SILVERY		2	9.8	75	103	0.64	22		34	0.006	0.20													
1084147	2014-05-28 9:00				SILVERY	ENE	3	3.8	75	40	0.24	8		35	0.006	0.20													



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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 (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"		
1084484	2014-05-31 14:00			SILVERY			3	2.8	100	39	0.19	8		44	0.005		0.20											
1084525	2014-06-01 9:45			SILVERY		SW	2	8.6	150	180	1.31	38		29	0.007		0.20											
1084594	2014-06-02 8:50	15	SE	SILVERY		W	2	1.4	200	39	0.08	8		104	0.002		0.20											
1084714	2014-06-03 9:00			SHEEN COLOR: 15% BARELY VISIBLE; 25% SILVERY; 30% SLIGHTLY COLORED; 30% BRIGHTLY COLORED.			2	8.3	100	116	0.33	64		193	0.003		0.52											
1084854	2014-06-04 11:25			SILVERY		WSW	3	4	50	28	0.18	6		33	0.006		0.20											
1084946	2014-06-05 9:33	6	ESE	BARELY DISCERNIBLE	"NEEDS OIL REPORT" AN AREA OF POSSIBLE OIL IS LOCATED ABOUT 4.6 MILES SOUTHWEST OF THE DESTROYED TAYLOR PLATFORM IN THE GULF OF MEXICO. THE OIL HAS A SILVERY SHEEN ON THE NORTHERN EDGE AND THEN FEATHERS OUT TO THE SOUTHEAST. THE PORTION OF THE SLICK THAT IS VISIBLE IN THE IMAGE IS ABOUT 1 MILE WIDE BY 2.9 MILES LONG. DUE TO THE CLOUD COVERAGE, THE OIL COULD NOT BE TRACED BACK TO ANY CONFIRMED POINT SOURCE. SURFACE WINDS AROUND THE TIME OF THE IMAGE WERE FAIRLY WEAK AND DIRECTED TO THE SOUTHWEST. UNCERTAINTIES: DUE TO CLOUD COVER IN THE IMAGE, THE POSSIBLE OIL COULD NOT BE TRACED BACK TO A CONFIRMED POINT SOURCE. THOUGH WEAK NORTHEASTERLY SURFACE WINDS ARE CONSISTENT WITH THE OIL POSSIBLY ORIGINATING FROM TAYLOR WHICH WAS ABOUT 4.6 MILES NORTHEAST OF THE DETECTED OIL, THERE WAS ALSO AN NRC REPORT (#1084446) THAT REPORTED OIL FROM TAYLOR YESTERDAY.		3	6	100	84	0.61	9		15	0.007		0.10											
1085012	2014-06-05 0:00		NE	BARELY DISCERNIBLE	PLEASE NOTE THAT THIS IMAGE IS FROM JUNE 5TH BUT WAS NOT ANALYZED UNTIL THIS MORNING			4.6	1				0.1 Minimum.									3,899	417	0.100	46.6	683.2		
1085048	2014-06-06 8:20			BARELY DISCERNIBLE			1	1	25	3	0	0.4		0.000		0.10												
1085138	2014-06-07 9:15	6	WNW	BARELY DISCERNIBLE; 20% SILVERY; 20% BRIGHTLY; 10% BARELY VISIBLE		ENE	2	1	2	1,895	47.83	634	Assume other 50% also Silvery	13	0.026		0.35											
1085206	2014-06-08 9:12			OTHER	BRIGHTLY COLORED SHEEN		2	1	700	98	0.91	104		115	0.009		1.00											
1085321	2014-06-09 11:40			SILVERY		WSW	2	3.5	75	37	0.13	8		60	0.003		0.20											
1085428	2014-06-10 9:20	18	S	SHEEN COLOR: 70% BARELY VISIBLE AND 30% SILVERY.			5	9	200	251	0.22	35		159	0.001		0.13											
1085562	2014-06-11 10:40			SILVERY		E	3	2.1	100	29	0.5	6		13	0.016		0.20											
1085665	2014-06-12 9:00			SILVERY				1.2	200	33	0.09	7		80	0.003		0.20											
1085801	2014-06-13 8:45			BARELY DISCERNIBLE			2	6.2	200	173	1.31	10		14	0.007		0.10											
1085891	2014-06-14 10:07	4	NW	RAINBOW			2	7	250	244	2.06	261	Rainbow 1.0	127	0.006		1.00											
1085965	2014-06-15 9:15			SHEEN COLOR: 60% SILVERY; 30% SLIGHTLY COLORED AND 10% BRIGHTLY COLORED.				6.3	150	132	0.3	52		174	0.002		0.37											
1088028	2014-06-16 9:00			SHEEN COLOR: 25% BARELY DISCERNIBLE; 50% SILVERY; 15% SLIGHTLY COLORED AND 10% BRIGHTLY COLORED.				5.5	200	153	0.42	49		117	0.003		0.30											
1088170	2014-06-17 9:25			BARELY DISCERNIBLE		ENE	0	7.2	500	502	0.85	54		63	0.002		0.10											
OWOC Web Article	20140618 - OWOC Flight	10	SE	30% Coverage; Dark 5%, Rainbow 20%, Faint colors 10%, Silvery 25%, Light Gray (0.1) 30%. From Fil Log: *NW corner: 1049 28.95 -88.97 2014-06-18T15:52:40Z **OIL - Taylor; rainbow & weathered oil. SE corner: 1058 28.94 -88.95 2014-06-18T18:04:05Z **Source point of slick is at NW, slick stretches NE and SW, spans 2+ nm very visible, some emulsion 3 nm away. SW corner of slick: 1059 28.93 -88.97 2014-06-18T18:21:18Z Taylor oil, some weathered in sargassum line			2	2	0.5				5% Dark (10.0), 20% R, 10% FC, 35% S, 30% BD, 30% Coverage.				848	231	0.255	5.6	679.5							
20140618 COMMENT: This OWOC flight was made in coordination with a sampling boat. Photos and measurements from the boat show that the estimates of Amount of Material made in the Taylor reports are far lower than reality. Because of the extensive photos and videos from both surface and air, these should offer correction to the calibration being used in these NRC reports.																												
1086310	2014-06-18 8:40	5	SE	BARELY DISCERNIBLE SHEEN COLOR: 40% BARELY DISCERNIBLE; 10% SILVERY; 30% SLIGHTLY COLORED; 10% BRIGHTLY COLORED AND 10% DULL.	"NEEDS OIL REPORT" POSSIBLE OIL SLICK; WINDS FOR APPROXIMATELY 30 MILES IN THE NORTHEAST DIRECTION. THE ORIGIN IS THE DESTROYED TAYLOR PLATFORM. A REPEAT LEAK SOURCE. DISCOVERED 6/19/2014 15:40Z.		2	1.8	250	63	0.34	41		120	0.005		0.61											
1086605	2014-06-19 0:00			BARELY DISCERNIBLE				30	200		0		0.1 Minimum.										837	89	0.100	2.2	263.1	
1086628	2014-06-21 10:03			BARELY DISCERNIBLE		S		3.7	100	52	0.45	6		12	0.008		0.10											

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108665	2014-06-21 11:25				MARINE POLLUTION SURVEILLANCE REPORT///AN OIL SLICK EXTENDED A TOTAL OF 13.5 NM FROM THE DESTROYED TAYLOR PLATFORM. THE SLICK EXTENDED SOUTH FOR APPROXIMATELY 5 NM BEFORE TURNING TO THE EAST AND EXTENDING UP TO AN ADDITIONAL 8.5 NM. SKY CONDITIONS WERE MOSTLY CLEAR AT THE TIME OF THE IMAGE AND WINDS WERE OUT OF THE NORTH-NORTHWEST AT 5-10 KNOTS. THE EASTERN PORTION OF THE SLICK WAS BROKEN BY A SHIP WAKE AND JUST EAST OF THE BEND A CONVERGENCE LINE EXTENDED TO THE SOUTH OF THE SLICK. BIOGENIC MATERIAL WAS DETECTED IN THE CONVERGENCE LINE AND ALONG THE SOUTHERN EXTENT OF THE SLICK.			13.5	100		0		Width of same day report. 0.1 micron minimum.										188	20	0.100	3.6	44.7	
OWOC Web Article	20140622		10 SW		Slick ran NW to SE, plus secondary slick to south. 75% Coverage, Dark 5%, Rainbow 35%, Faint colors 10%, Silvery Gray 40%, Barely Discernible 10%. From Fil Log: 28.94 -88.97 2014-06-22T15:50:19Z Apex of Taylor slick at NW1074 -28.91 -88.92 2014-06-22T16:37:09Z Looking NW-ward, start of the worst stretch of rainbow, from here to apex at NW corner. 1075 -28.89 -88.94 2014-06-22T16:41:36Z Start SE-ward, secondary slick to south of us and north of platform MC108A. Stone Energy platform to north of us. *Heavy mousse at SE end, heavy rainbow NE to SW; secondary slick to south (north of MC108A).			2	3	300				5% Dark, 35% R, 10% FC, 40% S, 10% BD; 75% coverage					126	100	0.743	1.7	123.0					
20140622 COMMENT: Dr. Ian MacDonald (FSU) was on board this flight and provided photos and video that refute strongly the NRC estimate of a mere 0.8 gal of material.																												
108695	2014-06-22 9:32		7 WNW		SHEEN COLOR: 10% BARELY VISIBLE, 40% SILVERY, 10% SLIGHTLY COLORED, 30% BRIGHTLY COLORED AND 5% DULL.																							
108694	2014-06-23 9:05				BARELY DISCERNIBLE	ESE	2	4.8	25	17	0.13	2																
1086917	2014-06-24 9:15				BARELY DISCERNIBLE		3	3.2	800	357	0.86	38																
1087100	2014-06-25 14:38				BARELY DISCERNIBLE		0	4.2	400	234	0.94	25																
1087166	2014-06-26 9:10		10 SSE		SILVERY	N	2	4.5	800	502	2.6	107																
1087294	2014-06-27 8:15		4 NW		SILVERY		2	2.3	700	2,246	6.85	490																
1087416	2014-06-28 9:45				SILVERY		2	9.8	400	547	1.73	117																
					NESDIS REPORT SUSPECTED OIL APPEARS WHITE AND SHIMMERY AND BEGINNING AT THE LOCATION OF THE DESTROYED TAYLOR PLATFORM. THE AREA OF POSSIBLE OIL EXTENDS 16KM NE WHICH IS IN AGREEMENT WITH OCEAN CURRENT AND COVERS AN AREA OF 23 SQUARE KM. DUE TO THE APPEARANCE AND LOCATION, THERE IS HIGH CONFIDENCE THIS IS OIL.																							
1087441	2014-06-28 14:10				THE SLICK			14	400		0																	
1087469	2014-06-29 9:30		7 S		SILVERY		3	12.4	200	346	0.56	74																
					****NOAA NESDIS OIL REPORT**** NOAA NESDIS OIL REPORT**** UNCERTAINTIES: AN AREA OF SUSPECTED OIL EXTENDS 36KM NE FROM THE LOCATION OF THE DESTROYED TAYLOR PLATFORM. THERE IS HIGH CONFIDENCE THIS IS OIL BECAUSE OF THE WHITE APPEARANCE IN SUNGLINT AND THE DIRECTION IS IN AGREEMENT WITH OCEAN SURFACE CURRENTS.																							
1087481	2014-06-29 13:36				SILVERY			36	200		0																	
1087566	2014-06-30 11:30				SILVERY		0	17.2	300	720	9.71	154																
1087683	2014-07-01 10:40		7 ENE		RAINBOW		0	9.9	300	414	3.95	443	Rainbow 1.0															
1087838	2014-07-02 9:48		10 NE		SILVERY	ESE	2	2	200	56	0.19	12	62.7832777536															
1087944	2014-07-03 8:20		8		SILVERY		2	1.7	500	119	0.55	25																
1088043	2014-07-04 10:45				SILVERY	N		4.2	300	178	0	38																
					MARINE POLLUTION SURVEILLANCE REPORT, /// MARINE POLLUTION SURVEILLANCE REPORT/// RELATIVELY SMALL SHEEN IDENTIFIED FROM SATELLITE NEAR THE DESTROYED TAYLOR SITE. SIZE OF SHEEN IS ESTIMATED FROM SATELLITE TO BE 4.5 MILES BY 0.4 MILE. HIGH CONFIDENCE THAT FEATURE IS OIL GIVEN THE PROXIMITY TO REPEAT LEAK SOURCE AND SILVERY APPEARANCE IN SUN GLINT PORTION OF IMAGE.																							
1088054	2014-07-04 13:30				SILVERY			1.5	.4		0		0.1 Minimum. Note: Compare with Taylor's Jul 06 since Jul 04 Amt=0 (why does it =???)															
1088176	2014-07-06 8:57		6 E		SILVERY		2	6.8	300	285	1.55	61																



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1088188	2014-07-06 14:20				"NESDIS OIL REPORT" "NESDIS POLLUTION REPORT" "7 MILE LONG (NORTH TO SOUTH) AND 7 MILE WIDE SLICK WHICH APPEARS BRIGHT AND SILVERY WITHIN SUN GLINT AREA AT KNOWN LEAK SITE (DESTROYED TAYLOR) UNDER IDEAL SKY CONDITIONS WITH LIGHT WINDS FOR DETECTION." "LITTLE TO NO UNCERTAINTIES GIVEN REPEAT LEAK SITE AND IDEAL VIEWING CONDITIONS WITH CLEAR SKIES AND SLICK WITHIN SUN GLINT AREA FOR HIGH REFLECTIVITY/SILVERY APPEARANCE."	S		7	7		0											4,153	444	0.100	7.3	286.4	
1088263	2014-07-07 9:30			SILVERY	"MARINE POLLUTION SURVEILLANCE REPORT" "A SEGMENTED 16 MILE LONG OIL SLICK WAS SEEN EMANATING FROM THE DESTROYED TAYLOR PLATFORM. AIRPLANE CONDENSATION TRAILS PREVENTED POSITIVELY IDENTIFYING THE SLICK IN THE IMMEDIATE VICINITY OF THE DESTROYED PLATFORM. IN ADDITIONAL TO THESE CONTRAILS, OTHER FALSE POSITIVES SEEN IN THE IMAGE INCLUDE AN EXTENSIVE CONVERGENCE ZONE AND THE SHADOWS OF THE CONTRAILS."					173	1.3	37			28	0.007	0.20										
1088311	2014-07-07 20:30	5 NW		SILVERY	"MARINE POLLUTION SURVEILLANCE REPORT" "A SEGMENTED 16 MILE LONG OIL SLICK WAS SEEN EMANATING FROM THE DESTROYED TAYLOR PLATFORM. AIRPLANE CONDENSATION TRAILS PREVENTED POSITIVELY IDENTIFYING THE SLICK IN THE IMMEDIATE VICINITY OF THE DESTROYED PLATFORM. IN ADDITIONAL TO THESE CONTRAILS, OTHER FALSE POSITIVES SEEN IN THE IMAGE INCLUDE AN EXTENSIVE CONVERGENCE ZONE AND THE SHADOWS OF THE CONTRAILS."				16	100	0		Use width same day report. 0.1 micron minimum.									223	24	0.100	0.6	18.4	
1088368	2014-07-08 9:00			SILVERY			0	16.5	500	1,151	3.86	246			64	0.003	0.20										
1088400	2014-07-09 9:30			SILVERY			2	5.6	300	234	0.66	50			76	0.003	0.20										
1088736	2014-07-11 9:20	3 NNE		RAINBOW			0	16.5	150	345	1.32	369	Rainbow 1.0		289	0.004	1.00										
1088832	2014-07-12 10:15	10 NNE		SILVERY			2	7.2	500	502	2.07	107			52	0.004	0.20										
1088919	2014-07-13 9:00			OTHER				8.5	400	474	0.89	101	0.2 Silvery		114	0.002	0.20										
1089004	2014-07-14 8:30			BARELY DISCERNIBLE		NE	2	8.2	600	686	0	73			0.000	0.10											
1089057	2014-07-14 15:51				"NESDIS OIL REPORT" "NESDIS OIL REPORT" "A NARROW AND ELONGATED, SILVERY-COLORED ANOMALY BELIEVED TO BE OIL SHEEN EXTENDING SOUTHEAST FROM THE DESTROYED TAYLOR SITE. THE SHEEN'S SIZE IS ESTIMATED TO BE 9.7 MILES LONG BY 0.5 MILES WIDE. DUE TO SCATTERED CLOUD COVER ACROSS THE AREA, THE FULL EXTENT OF THE SHEEN MAY NOT BE CAPTURED IN SATELLITE IMAGERY. THIS AGREES VERY WELL WITH EARLIER NRC REPORT (#1089004), 4 HOURS PRIOR TO SATELLITE PASS."	SE		9.7	5	0	0		0.1 Minimum.										4,110	439	0.100	604.9	829.1
1089133	2014-07-15 9:10				SHEEN COLOR: "BRIGHTLY COLORED."			7.4	150	155	0.53	166			312	0.003	1.00										
1089272	2014-07-16 9:07	6 N		BARELY DISCERNIBLE			2	6.4	100	89	0.52	10			18	0.005	0.10										
1089302	2014-07-16 14:00	10 W			"NESDIS MARINE POLLUTION SURVEILLANCE REPORT" "A LENGTHY BUT DISJOINTED SLICK EXTENDED EASTWARD AT LEAST 10 MI FROM THE DESTROYED TAYLOR PLATFORM. HIGH CONFIDENCE IN THE PRESENCE OF OIL DUE TO THE FACT THAT THE ANOMALY APPEARS SILVERY IN APPEARANCE IN SUNGLINT CONDITIONS WITH AN ORIENTATION THAT IS CONSISTENT WITH SURFACE WINDS FROM THE WEST AT THE TIME OF THE IMAGE. IT IS POSSIBLE THAT THE SLICK EXTENDED EVER FARTHER TO THE EAST THAN WAS ANALYZED HERE."				10	100	0		Use width of same day report. 0.1 micron Minimum.									139	15	0.100	1.6	28.7	
1089354	2014-07-17 9:10	5 NE		OTHER	SHEEN: SLIGHTLY COLORED.		2	10	100	139	0.69	75			108	0.005	0.50										
1089475	2014-07-18 8:40	15 S		FAINT COLORS		NE	3	8	150	167	0.93	89			96	0.005	0.50										
1089594	2014-07-19 13:21	8 W		SILVERY			3	10.6	50	74	0.3	16			53	0.004	0.20										
1089674	2014-07-20 15:02			RAINBOW		ENE	3	4	150	84	0.03	89			2,982	0.0003	1.00										
1089731	2014-07-21 9:40			SILVERY	50% BRIGHTLY COLORED		3	5.5	100	77	0.39	49	50% Silvery		126	0.005	0.60										
1089841	2014-07-22 8:30				SHEEN COLOR: 8% SILVERY; 20% SLIGHTLY COLORED; 70% BRIGHTLY COLORED; 3% DULL. "NESDIS MARINE POLLUTION SURVEILLANCE REPORT" "A LENGTHY BUT DISJOINTED SLICK EXTENDED EASTWARD AT LEAST 10 MI FROM THE DESTROYED TAYLOR PLATFORM. SKY CONDITIONS WERE PARTLY CLOUDY AND WINDS WERE FROM THE WEST AT 10 KNOTS AT THE TIME OF THE IMAGE. HIGH CONFIDENCE IN THIS ANOMALY AS IT APPEARS SILVERY IN SUNGLINT CONDITIONS WITH AN ORIENTATION THAT IS CONSISTENT WITH SURFACE WINDS FROM THE SOUTHWEST AT THE TIME OF THE IMAGE. THIS ANOMALY IS ALSO CONNECTED TO THE DESTROYED TAYLOR PLATFORM, A REPEAT LEAK SOURCE."				200	223	4.2	243			58	0.018	1.02										
1090049	2014-07-23 20:09		SW						10	200			Use width of same day report. 0.1 micron Minimum.									279	30	0.100	0.1	7.1	
1090230	2014-07-25 0:00	7 SW		SILVERY		E	2	6.2	300	259	0.53	55			105	0.002	0.20										
1090317	2014-07-26 9:10	5 SW		SILVERY			2	19.6	400	1,094	7.06	234			33	0.006	0.20										
1090448	2014-07-28 8:55			BARELY DISCERNIBLE			3	21.6	300	904	1.2	97			81	0.001	0.10										
1090578	2014-07-29 8:40			SILVERY		E	2	11.1	400	619	1.4	132			95	0.002	0.20										
1090691	2014-07-30 9:20			BARELY DISCERNIBLE				12.7	500	886	0.85	95			111	0.001	0.10										

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SEGNOS	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 Mtri "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 Mtri "WAM/ BRAM"	OWOC / Reported Amt of Mtri "WAM/ RAM"	NOAA Sheen Area (acres)	NOAA Observed Amt of Material (Gal) "NAM"	NOAA Equiv Avg Thickness (micron) "NET"	NOAA / BAOAC- corrected Amt of Mtri "NAM/ BRAM"	NOAA / Reported Amt of Mtri "NAM/ RAM"	
1090732	2014-07-30 17:55	10 NE			***NESDIS MARINE POLLUTION SURVEILLANCE REPORT*** POSSIBLE OIL IS CONNECTED TO THE DESTROYED TAYLOR PLATFORM. A REPEAT LEAK SOURCE. THE ANOMALY EXTENDS FOR APPROXIMATELY 16 MILES ALONG A WEST TO EAST AXIS AND AS WIDE AS 1.5 MILES ALONG A NORTH TO SOUTH AXIS. THE ANOMALY APPEARS DARK AND IN CLEAR CONTRAST TO ITS SURROUNDINGS. WINDS WERE OUT OF THE NORTHEAST AT 5-10 KNOTS AND MODELED OCEAN CURRENTS WERE ALSO OUT OF THE NORTHEAST AT THE TIME OF THE IMAGE. UNCERTAINTIES: LITTLE UNCERTAINTY WITH THIS ANOMALY AS IT IS ASSOCIATED WITH THE DESTROYED TAYLOR PLATFORM. A REPEAT LEAK SOURCE. CONFIDENCE WAS REDUCED TO MEDIUM-HIGH BECAUSE THE ANOMALY WAS ON THE EDGE OF SUNGLINT. HOWEVER, THE ANOMALY WAS DARK IN APPEARANCE AND HAS DEFINABLE CONTRAST TO THE SURROUNDINGS. SKY CONDITIONS WERE CLEAR AT THE TIME OF THE IMAGE AND SURFACE WINDS/MODELED OCEAN CURRENTS WERE WEAK OUT OF THE NORTHEAST.			16	1.5					0.1 Minimum.									20,340	2,174	0.100	23.0	2,558.1
1090808	2014-07-31 9:20	5 E		RAINBOW	***NESDIS MARINE POLLUTION SURVEILLANCE REPORT*** POSSIBLE OIL IS CONNECTED TO THE DESTROYED TAYLOR PLATFORM. A REPEAT LEAK SOURCE. PLEASE NOTE A SIMILAR ANOMALY AND ORIENTATION WAS ALSO SEEN IN YESTERDAY'S MODIS 1952Z AQUA PASS. INCREASING CONFIDENCE. THE ANOMALY EXTENDS FOR APPROXIMATELY 34 MILES AND IS AS WIDE AS 3 MILES. THE ANOMALY APPEARS BOTH BLACK AND SILVER IN COLOR AND IN CLEAR CONTRAST WITH ITS SURROUNDINGS. IN ADDITION THE SHAPE OF THE ANOMALY IS IRREGULAR WITH A FEATHERING SIGNATURE. SKY CONDITIONS WERE PARTLY CLOUDY AT TIME OF IMAGE (YET NOT OBSCURING THE VIEW OF THE ANOMALY). SURFACE WINDS WERE GENERALLY WEAK AT TIME OF IMAGE AT UP TO 5 KNOTS AND MODELED OCEAN CURRENTS WERE ALSO WEAK OUT OF THE NORTHEAST. UNCERTAINTIES: LITTLE UNCERTAINTY EXISTS WITH THIS ANOMALY AS IT IS CONNECTED TO THE DESTROYED TAYLOR PLATFORM. A REPEAT LEAK SOURCE. PLEASE NOTE THE ANOMALY IS ALSO EVIDENT IN TODAY'S 1846Z TERRA PASS. IN ADDITION, A MPRSR WAS GENERATED YESTERDAY WITH THE AQUA IMAGE THAT HAD A SIMILAR ORIENTATION TO TODAY'S ANOMALY. THERE IS SOME UNCERTAINTY TO HOW FAR EAST THE ANOMALY EXTENDS AS THERE IS A NATURAL SEEP WITHIN THE VICINITY THAT MAY ALSO BE PRODUCING OIL.	W	2	1.3	100	18	0.06	19		Rainbow 1.0	323	0.003	1.00										
1090849	2014-07-31 15:28				***NESDIS MARINE POLLUTION SURVEILLANCE REPORT*** POSSIBLE OIL IS CONNECTED TO THE DESTROYED TAYLOR PLATFORM. A REPEAT LEAK SOURCE. PLEASE NOTE THE ANOMALY IS ALSO EVIDENT IN TODAY'S 1846Z TERRA PASS. IN ADDITION, A MPRSR WAS GENERATED YESTERDAY WITH THE AQUA IMAGE THAT HAD A SIMILAR ORIENTATION TO TODAY'S ANOMALY. THERE IS SOME UNCERTAINTY TO HOW FAR EAST THE ANOMALY EXTENDS AS THERE IS A NATURAL SEEP WITHIN THE VICINITY THAT MAY ALSO BE PRODUCING OIL.			34	3				0.1 Minimum.									86,447	9,241	0.100	476.7	154,019.0	
1091043	2014-08-02 9:27	5 E		RAINBOW	BARELY DISCERNIBLE SHEEN COLORED: 50% BARELY VISIBLE, 20% SILVERY, 15% SLIGHTLY COLORED AND 15% BRIGHTLY COLORED.		2	8.3	150	174	1.54	186	Rainbow 1.0	121	0.008	1.00											
1091152	2014-08-03 12:00				OTHER 60% BRIGHTLY COLORED	SW	0	1.4	300	59	0.11	20		179	0.002	0.32											
1091231	2014-08-04 9:28				OTHER 60% BRIGHTLY COLORED		2	4.4	208	123	0.95	89	40% Silvery	94	0.007	0.68											
1091352	2014-08-05 8:45				OTHER 50% BRIGHTLY COLORED		2	5	500	349	2.17	224	50% Silvery	103	0.006	0.60											
1091467	2014-08-06 9:10	5 W		SILVERY		ESE	2	5.9	300	247	1.16	53		46	0.004	0.20											
1091602	2014-08-07 9:00			SILVERY			2	7.3	300	305	1.14	65		57	0.003	0.20											
1091715	2014-08-08 9:00	WSW		SILVERY			2	8.2	300	259	0	55			0.000	0.20											
1091753	2014-08-08 20:15				***NESDIS MARINE POLLUTION SURVEILLANCE REPORT*** REPORT TIME: 2346Z (1846 CDT) UNCERTAINTIES: AN AREA OF POSSIBLE OIL EXTENDS 15KM SOUTH AND EAST OF THE DESTROYED TAYLOR PLATFORM LOCATION. WITH THE WHITE APPEARANCE AGAINST THE DARK BACKGROUND AND GIVEN THIS IS A KNOWN REPEAT LEAK SOURCE, CONFIDENCE IS HIGH THE ANOMALY IS OIL. THE OIL EXTENDS TOWARD ANOTHER FEATURE WHICH HAS A DARKER APPEARANCE AND MAY BE DUE TO BATHYMETRY.			8.1	300				Use width of same day report. 0.1 micron Minimum.									339	36	0.100	0.3	4.3	
1091779	2014-08-09 9:30			SILVERY		ESE	1	9.6	500	670	8.43	143		17	0.012	0.20											
1091852	2014-08-10 10:15			SILVERY		WSW	2	4.8	400	268	4.27	57		13	0.015	0.20											
1091920	2014-08-11 8:20			SILVERY			2	12.9	300	540	4.71	115		25	0.008	0.20											
1092062	2014-08-12 9:45			BARELY DISCERNIBLE			3	5.8	600	485	0.87	52		60	0.002	0.10											
1092168	2014-08-13 8:05			BARELY DISCERNIBLE			2	9.5	600	795	1.96	85		43	0.002	0.10											
1092291	2014-08-14 8:25			RAINBOW		NNE	0	2.5	400	139	3.59	149	Rainbow 1.0	42	0.024	1.00											
1092417	2014-08-15 9:00			RAINBOW			0	12	300	502	5.63	537	Rainbow 1.0	95	0.010	1.00											
1092509	2014-08-16 9:30	5 WSW		BARELY DISCERNIBLE		E	2	9.1	150	190	1.69	20		12	0.008	0.10											



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SEGNOS	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 ("RAM")	BAOAC- Estimated Amt of Material (Gal) ("BRAM")	Assumptions (BAOAC thicknesses for NRC data, etc.)	Ratio of Corrected / Reported Amt of Mtri ("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 Mtri "WAM/ BRAM"	OWOC / Reported Amt of Mtri "WAM/ RAM"	NOAA Sheen Area (acres)	NOAA Observed Amt of Material (Gal) "NAM"	NOAA Equiv Avg Thickness (micron) "NET"	NOAA / BAOAC- corrected Amt of Mtri "NAM/ BRAM"	NOAA / Reported Amt of Mtri "NAM/ RAM"			
					NOAA MARINE POLLUTION SURVEILLANCE REPORT: SUSPECTED OIL SLICK 15.6 MILES LONG AND UP TO 0.6 MILES WIDE SEEN EXTENDING EAST FROM THE DESTROYED TAYLOR PLATFORM. ANOMALY APPEARS SILVERY AND BLACK. EAST NORTH EAST WARD ORIENTATION AGREES WITH OBSERVED SURFACE WINDS AND NRC NOTIFICATION #1092509. SKY CONDITIONS WERE PARTLY CLOUDY AND WINDS WERE FROM THE WEST AND SOUTHWEST AT 10 KNOTS.																								
1092537	2014-08-16 15:00	10	WSW																										
1092585	2014-08-17 9:35	8		RAINBOW				15.6	.6	301	1.87	322	Rainbow 1.0	172	0.006	1.00						7.933	848	0.100	41.7	501.8			
1092682	2014-08-18 10:28				SHEEN COLOR: 60% SLIGHTLY COLORED.			3	18.8	100	262	4.44	107	40% Silvery	24	0.016	0.38												
1092770	2014-08-19 9:10	7	S	SILVERY				2	12.9	150	270	1	58		58	0.003	0.20												
1092877	2014-08-20 9:15			SILVERY				2	12	300	502	1.55	107		69	0.003	0.20												
1092966	2014-08-21 9:15			SILVERY	"NESDIS POLLUTION REPORT" *** "NESDIS OIL REPORT" *** SHEEN DISCOVERED IN THE VICINITY OF TEH DESTROYED TAYLOR OIL PLATFORM. "UNCERTAINTIES: LITTLE UNCERTAINTY EXISTS DUE TO THE LOCATION AND ORIENTATION OF THE SLICK. THE BLACK COLORATION IS CONSISTENT IN THE IMAGE FOR ITS LOCATION OUT OF SUNGLINT. THE DIRECTION AND ORIENTATION IS ALSO CONSISTENT WITH THE WIND SPEED AND DIRECTION OF THE AREA AT THE IMAGE TIME."	ENE		1	3.9	600	326	4.3	70		16	0.012	0.20												
1093026	2014-08-21 14:19			SILVERY	"NESDIS MARINE POLLUTION SURVEILLANCE REPORT" *** REMARKS: SUSPECTED OIL ORIGINATING FROM KNOWN REPEAT LEAK SOURCE LOCATED OFF THE COAST OF THE BIRD'S FOOT IN LOUISIANA IN THE GULF OF MEXICO. OIL APPEARS SILVER IN COLOR IN THE SATELLITE IMAGE BECAUSE IT IS LOCATED IN SUNGLINT. SLICK EXTENDS 12.3 MILES LONG AND 1 MILE WIDE IN LENGTH. SKY CONDITIONS IN THE IMMEDIATE AREA ARE CLEAR, HOWEVER A LARGE CLOUD OBSCURES THE LENGTH (THE SLICK MAY EXTEND FURTHER EAST.) THE WIND SPEED AND DIRECTION IS AGREEABLE WITH SLICK ORIENTATION. CONFIDENCE OF OIL IS HIGH. UNCERTAINTIES: LITTLE UNCERTAINTY EXISTS DUE TO THE LOCATION AND ORIENTATION OF THE SLICK. THE BLACK COLORATION THAT APPEARS IN THE SATELLITE IMAGE IS CONSISTENT IN THE IMAGE FOR ITS LOCATION IN SUNGLINT. THE DIRECTION AND ORIENTATION IS ALSO CONSISTENT WITH THE WIND SPEED AND DIRECTION OF THE AREA AT THE IMAGE TIME. THERE IS ALSO A PREVIOUS NRC REPORT (#1093214) THAT CONFIRMS A SHEEN SIGHTING ORIGINATING FROM THE SOURCE THIS MORNING."	E		3	8.6	1.7	301	1.17	64	0.1 Barely Discernible	55	0.004	0.20							12.391	1,325	0.100	19.0	308.0	
1093214	2014-08-23 13:10			SILVERY	"NESDIS MARINE POLLUTION SURVEILLANCE REPORT" *** REMARKS: SUSPECTED OIL ORIGINATING FROM KNOWN REPEAT LEAK SOURCE LOCATED OFF THE COAST OF THE BIRD'S FOOT IN LOUISIANA IN THE GULF OF MEXICO. OIL APPEARS SILVER IN COLOR IN THE SATELLITE IMAGE BECAUSE IT IS LOCATED IN SUNGLINT. SLICK EXTENDS 12.3 MILES LONG AND 1 MILE WIDE IN LENGTH. SKY CONDITIONS IN THE IMMEDIATE AREA ARE CLEAR, HOWEVER A LARGE CLOUD OBSCURES THE LENGTH (THE SLICK MAY EXTEND FURTHER EAST.) THE WIND SPEED AND DIRECTION IS AGREEABLE WITH SLICK ORIENTATION. CONFIDENCE OF OIL IS HIGH. UNCERTAINTIES: LITTLE UNCERTAINTY EXISTS DUE TO THE LOCATION AND ORIENTATION OF THE SLICK. THE BLACK COLORATION THAT APPEARS IN THE SATELLITE IMAGE IS CONSISTENT IN THE IMAGE FOR ITS LOCATION IN SUNGLINT. THE DIRECTION AND ORIENTATION IS ALSO CONSISTENT WITH THE WIND SPEED AND DIRECTION OF THE AREA AT THE IMAGE TIME. THERE IS ALSO A PREVIOUS NRC REPORT (#1093214) THAT CONFIRMS A SHEEN SIGHTING ORIGINATING FROM THE SOURCE THIS MORNING."	E		3	7.2	300	301	1.17	64	0.1 Barely Discernible	55	0.004	0.20												
1093223	2014-08-23 00:00			SILVERY	"NESDIS MARINE POLLUTION SURVEILLANCE REPORT" *** REMARKS: SUSPECTED OIL ORIGINATING FROM KNOWN REPEAT LEAK SOURCE LOCATED OFF THE COAST OF THE BIRD'S FOOT IN LOUISIANA IN THE GULF OF MEXICO. OIL APPEARS SILVER IN COLOR IN THE SATELLITE IMAGE BECAUSE IT IS LOCATED IN SUNGLINT. SLICK EXTENDS 12.3 MILES LONG AND 1 MILE WIDE IN LENGTH. SKY CONDITIONS IN THE IMMEDIATE AREA ARE CLEAR, HOWEVER A LARGE CLOUD OBSCURES THE LENGTH (THE SLICK MAY EXTEND FURTHER EAST.) THE WIND SPEED AND DIRECTION IS AGREEABLE WITH SLICK ORIENTATION. CONFIDENCE OF OIL IS HIGH. UNCERTAINTIES: LITTLE UNCERTAINTY EXISTS DUE TO THE LOCATION AND ORIENTATION OF THE SLICK. THE BLACK COLORATION THAT APPEARS IN THE SATELLITE IMAGE IS CONSISTENT IN THE IMAGE FOR ITS LOCATION IN SUNGLINT. THE DIRECTION AND ORIENTATION IS ALSO CONSISTENT WITH THE WIND SPEED AND DIRECTION OF THE AREA AT THE IMAGE TIME. THERE IS ALSO A PREVIOUS NRC REPORT (#1093214) THAT CONFIRMS A SHEEN SIGHTING ORIGINATING FROM THE SOURCE THIS MORNING."																								
1093290	2014-08-24 9:15			SILVERY	"NESDIS OIL REPORT" ***** NESDIS OIL REPORT ***** "UNCERTAINTIES: LITTLE UNCERTAINTY EXISTS DUE TO THE LOCATION AND ORIENTATION OF THE SLICK. THE SILVER COLORATION THAT APPEARS IN THE SATELLITE IMAGE IS CONSISTENT IN THE IMAGE FOR ITS LOCATION IN SUNGLINT. THE DIRECTION AND ORIENTATION IS ALSO CONSISTENT WITH THE WIND SPEED AND DIRECTION OF THE AREA AT THE IMAGE TIME. THIS ANOMALY IS ALSO VISIBLE IN THE 1906Z MODIS AQUA IMAGE. THERE IS ALSO A PREVIOUS NRC REPORT (#1093290) THAT CONFIRMS A SHEEN SIGHTING ORIGINATING FROM THE SOURCE THIS MORNING."			2	4.5	12.3	300	188	0.59	40		68	0.003	0.20						10.424	1,114	0.100	17.3	952.5	
1093316	2014-08-24 18:02			SILVERY	"MARINE SURVEILLANCE REPORT" ** SUSPECTED OIL ORIGINATING FROM UNKNOWN POINT SOURCE OFFSHORE THE BIRD'S FOOT, LOUISIANA IN THE GULF OF MEXICO. ANOMALY MEASURES 30.1 MILES TOTAL IN LENGTH WITH MANY SEGMENTS MEASURING 0.5 MILE TO 1 MILE IN WIDTH. ANOMALY APPEARS BLACK AND SILVER IN SATELLITE IMAGE LOCATED IN SUNGLINT. ANOMALY TESTED NEGATIVE FOR VEGETATION IN FALSE POSITIVE IMAGERY. POINT SOURCE IS UNKNOWN, DUE TO GPS LOCATION NEAR A NATURAL SEEP (2.8 MILES SOUTH) AND ITS LOCATION ON A MAJOR CONVERGENCE ZONE WITH A KNOWN REPEAT LEAK SOURCE (DESTROYED TAYLOR PLATFORM) LOCATED 28.3 MILES WEST. POOR SKY CONDITIONS IN THE AREA OBSCURE A HIGHER CONFIDENCE OF CONNECTION TO THE DESTROYED TAYLOR PLATFORM. VIEW IS ALSO OBSCURED BY AIRCRAFT CONTRAIL AND ITS SHADOW.			5.5	5						0.1 Minimum.										2.331	249	0.100	6.2	422.3
1093323	2014-08-24 12:25			SILVERY	"MARINE SURVEILLANCE REPORT" ** SUSPECTED OIL ORIGINATING FROM UNKNOWN POINT SOURCE OFFSHORE THE BIRD'S FOOT, LOUISIANA IN THE GULF OF MEXICO. ANOMALY MEASURES 30.1 MILES TOTAL IN LENGTH WITH MANY SEGMENTS MEASURING 0.5 MILE TO 1 MILE IN WIDTH. ANOMALY APPEARS BLACK AND SILVER IN SATELLITE IMAGE LOCATED IN SUNGLINT. ANOMALY TESTED NEGATIVE FOR VEGETATION IN FALSE POSITIVE IMAGERY. POINT SOURCE IS UNKNOWN, DUE TO GPS LOCATION NEAR A NATURAL SEEP (2.8 MILES SOUTH) AND ITS LOCATION ON A MAJOR CONVERGENCE ZONE WITH A KNOWN REPEAT LEAK SOURCE (DESTROYED TAYLOR PLATFORM) LOCATED 28.3 MILES WEST. POOR SKY CONDITIONS IN THE AREA OBSCURE A HIGHER CONFIDENCE OF CONNECTION TO THE DESTROYED TAYLOR PLATFORM. VIEW IS ALSO OBSCURED BY AIRCRAFT CONTRAIL AND ITS SHADOW.			30	1					0.1 Minimum.										25.425	2,718	0.100	276.2	3,576.3	
1093374	2014-08-25 9:45			SILVERY	"MARINE SURVEILLANCE REPORT" ** SUSPECTED OIL ORIGINATING FROM UNKNOWN POINT SOURCE OFFSHORE THE BIRD'S FOOT, LOUISIANA IN THE GULF OF MEXICO. ANOMALY MEASURES 30.1 MILES TOTAL IN LENGTH WITH MANY SEGMENTS MEASURING 0.5 MILE TO 1 MILE IN WIDTH. ANOMALY APPEARS BLACK AND SILVER IN SATELLITE IMAGE LOCATED IN SUNGLINT. ANOMALY TESTED NEGATIVE FOR VEGETATION IN FALSE POSITIVE IMAGERY. POINT SOURCE IS UNKNOWN, DUE TO GPS LOCATION NEAR A NATURAL SEEP (2.8 MILES SOUTH) AND ITS LOCATION ON A MAJOR CONVERGENCE ZONE WITH A KNOWN REPEAT LEAK SOURCE (DESTROYED TAYLOR PLATFORM) LOCATED 28.3 MILES WEST. POOR SKY CONDITIONS IN THE AREA OBSCURE A HIGHER CONFIDENCE OF CONNECTION TO THE DESTROYED TAYLOR PLATFORM. VIEW IS ALSO OBSCURED BY AIRCRAFT CONTRAIL AND ITS SHADOW.	SW		3	1.1	300	46	0.76	10		13	0.015	0.20												



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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 (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"		
1093486	2014-08-26 9:15	15	ENE	OTHER	SHEEN COLOR: BRIGHTLY COLORED.		3	1.1	300	46	0.88	49	Bright 1.0	56	0.018	1.00												
1093613	2014-08-27 8:40				***THIS IS A CORRECTION TO A REPORT NUMBER 1093603*** Ankor Energy (MC21) CALLER IS REPORTING A LEAK OF DIESEL FUEL FROM A LOOSE FITTING ON A CRANE DIESEL TANK LOCATED ON THE PLATFORM. A DROP OF FUEL WAS REPORTED TO HAVE ENTERED THE WATER.	SW		8	100	112	0.67	72	Rainbow-Silvery	107	0.006	0.60												
1093671	2014-08-27 14:00	15	ESE	SILVERY			3			0	1 DROP		IGNORE - MC21 (Ankor Energy)		0.000													
1093740	2014-08-28 9:00		E	SILVERY			2	4.6	300	192	2.26	41		18	0.011	0.20												
1093846	2014-08-29 8:35	10	WNW		THE SHEEN IS 25% COVERAGE 45% BRIGHTLY COLORED		2	2.1	1000	293	16.33	175	55% 0.2 Silvery	11	0.052	0.56												
1093923	2014-08-30 8:35	10	SE	SILVERY		N	3	2.8	300	117	1.6	25	Assume 50-50	16	0.013	0.20												
1093987	2014-08-31 9:20	6	ESE	SILVERY	SHEEN COLOR: 40% SILVERY.			550	4	307	0	46	60% 0.1 Barely Discernible		0.000	0.14												
1094055	2014-09-01 12:50			RAINBOW		W	2	2	500	139	1.44	149	Rainbow 1.0	104	0.010	1.00												
					NESDIS OIL POLLUTION REPORT **NESDIS OIL POLLUTION REPORT*** UNCERTAINTIES: OIL SLICK POSSIBLY EMANATING FROM THE DESTROYED TAYLOR PLATFORM. THERE IS UNCERTAINTY CONCERNING THE FULL EXTENT OF THE SLICK DUE TO SCATTERED CLOUD SHADOWS IN THE AREA. SO IT IS POSSIBLE THAT THE SLICK EXTENDS FARTHER TO THE SOUTH AND WEST FROM THE AREA INDICATED IN THIS REPORT.			9	2			0		0.1 Barely Discernible										153	16	0.100	0.1	11.3
1094087	2014-09-01 14:46			SILVERY			3	12.3	300	515	5.89	110		19	0.011	0.20												
1094141	2014-09-02 8:15			SILVERY		WSW	2	7.4	300	310	4.68	66		14	0.014	0.30												
1094238	2014-09-03 10:40	9	E	SILVERY			3	8.8	.5	3,729	20.86	399		19	0.005	0.10												
1094356	2014-09-04 10:30			BARELY DISCERNIBLE			3	8.8	.5	3,729	20.86	399		19	0.005	0.10												
1094450	2014-09-05 9:20	3		BARELY DISCERNIBLE		SW	2	2.5	0.2	424	17.06	45		3	0.038	0.10												
1094540	2014-09-06 10:00	5	NW	BARELY DISCERNIBLE	WITH RAINBOW AND SILVER	S	1	9.7	1.5	12,331	180.7	4,814	25% 0.2 Silver, 25% 1.0 Rainbow, 50% Full BD	26	0.014	0.35												
1094571	2014-09-06 15:35			SILVERY		0	0	12.2	1.2	12,408	42.24	2,653		63	0.003	0.20												
1094612	2014-09-07 9:50			SILVERY		SW	0	8.5	1.9	13,687	85.63	2,926		34	0.006	0.20												
OWOC Web Article	20140908 - OWOC Flight	10	SW		35% Barely Discernible, 20% Silvery, 40% Rainbow, 5% Dark. Slick stretches from NE to SW. From Fil Log 12:10 28.945-88.978 2014-09-08T17:05:14Z NE corner - start of visible rainbow sheen.Strong convergence line with it, holding some emulsified oil. Heavy rainbow from source point. Fil tks show size.			2	15	0.1			5% Dark, 40% R, 20% S, 35% BD.				1,271	1,325	0.975	0.1	14.2							
20140908 COMMENT: This OWOC flight was made to coincide with the ASTER satellite pass. See photos and videos from OWOC: https://youtu.be/FZ1-418v4tc																												
1094708	2014-09-08 10:20	3		SILVERY			0	14.6	3.4	42,071	93.2	6,995	S	97	0.002	0.20												
1094834	2014-09-09 11:30	4		SILVERY		S	2	24.2	2.1	43,071	256	9,209		36	0.006	0.20												
					MARINE POLLUTION SURVEILLANCE REPORT ***MARINE POLLUTION SURVEILLANCE REPORT*** OIL SLICK FROM DESTROYED TAYLOR PLATFORM IS ABOUT 23 MILES LONG BUT ON AVERAGE .1 MILES WIDE AND SNAKES BETWEEN 12 MILES SE OF THE SOUTH PASS OF THE MISSISSIPPI RIVER (NEAR THE SOURCE) TO 27 MILES DUE S OF THE SOUTH PASS. LACK OF DISPERSAL IS LIKELY DUE TO VERY WEAK WINDS. SLICK APPEARS SILVERY IN COLOR AND IS DISTINCTIVE AGAINST BACKGROUND COLOR. A FALSE POSITIVE DARK FEATURE BISECTS THE SLICK AND IS RELATED TO A PASSING SHIPS WAKE			23	0.1			0		0.1 Barely Discernible										1,949	208	0.100	0.0	0.8
1094880	2014-09-10 5:35																											
1094946	2014-09-10 10:15	7	SE		SHEEN WAS 45% DULL		2	8.6	1.6	11,662	86.7	17,515	Assume 45% Dull 3.0, 55% BD 0.1	202	0.007	1.41												
1095043	2014-09-11 10:10	6	ESE	BARELY DISCERNIBLE			2	7.7	1.1	7,178	81.72	767		9	0.011	0.10												
1095147	2014-09-12 10:08	7	SE	BARELY DISCERNIBLE			2	6.5	2.2	12,119	31.06	1,296		42	0.002	0.10												
1095288	2014-09-14 10:20			RAINBOW		WSW	3	3.5	200	98	0.19	104	Rainbow 1.0	549	0.002	1.00												
1095371	2014-09-15 10:15			RAINBOW		WSW	2	6.3	1.3	6,941	76.58	7,420	Rainbow 1.0	97	0.010	1.00												
1095467	2014-09-16 12:30			SILVERY				2.5	400	139	4.23	30		7	0.028	0.20												
1095580	2014-09-17 10:05	5	NNW	BARELY DISCERNIBLE		S	2	6.5	1	5,509	115.07	589		5	0.020	0.10												



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SEGNOS	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"	
					NOAA REPORT MARINE POLLUTION SURVEILLANCE REPORT***POSSIBLE OIL SLICK LOCATED APPROXIMATELY 13 MILES SOUTHEAST OF THE BIRD'S FOOT DELTA AND SUSPECTED TO BE ORIGINATING FROM THE DESTROYED TAYLOR PLATFORM. THE SLICK IS 4.7 MILES LONG AND 2.9 MILES WIDE, AND ITS ORIENTATION IS SUPPORTED BY THE DIRECTION OF THE CURRENTS AND WINDS IN THE AREA. THE FULL EXTENT OF THE SLICK IS UNKNOWN DUE TO THE PRESENCE OF CLOUDS. THE SLICK TESTED NEGATIVE FOR VEGETATION.			4.7	2.9	0				0.1 Minimum.									11.552	1,235	0.100	2.1	10.7
1095641	2014-09-17 16:45																										
1095711	2014-09-18 10:00				BARELY DISCERNIBLE			5	.5	2,119	46.89	226			5	0.021	0.10										
1095871	2014-09-19 11:00				SILVERY		3	1.6	.5	678	43.71	145			3	0.060	0.20										
1095939	2014-09-20 10:20				SILVERY		4	1	.7	593	20.17	127			6	0.032	0.20										
1096016	2014-09-21 10:30				SILVERY	WSW	3	6.9	.2	1,170	14.91	250			17	0.012	0.20										
1096089	2014-09-22 9:45				BARELY DISCERNIBLE	WSW	2	8.9	1.2	9,051	6.97	988			139	0.001	0.10										
1096217	2014-09-23 10:12				BARELY DISCERNIBLE	WSW	4	3	.9	2,288	3.25	245			75	0.001	0.10										
					NESDIS OIL POLLUTION REPORT **NESDIS OIL POLLUTION REPORT*** "UNCERTAINTIES: POSSIBLE OIL IS CONNECTED TO THE DESTROYED TAYLOR PLATFORM. A REPEAT LEAK SOURCE. THERE IS LITTLE UNCERTAINTY WITH THIS ANOMALY BEYOND THAT THE SLICK MAY EXTEND FURTHER TO THE SOUTHWEST OF AREA ANALYZED (IMAGE WAS DARK AND UNABLE TO DETERMINE IF ANOMALY EXTENDED BEYOND THE .8 MILES). SURFACE WINDS AND MODELED OCEAN CURRENTS AGREE WITH THE ORIENTATION OF THE SLICK."				3.8		0		Use length of same day. 0.1 Minimum									2,034	217	0.100	0.9	66.9	
1096281	2014-09-23 23:45																										
1096334	2014-09-24 10:20				BARELY DISCERNIBLE	NW	3	1.1	.5	466	13.98	50			4	0.028	0.10										
1096467	2014-09-25 10:10				SILVERY	SW	5	1.6		6,780	87.31	7,248			83	0.012	1.00										
1096560	2014-09-26 10:23	17 E			BARELY DISCERNIBLE		3	3	.6	1,526	25.31	163			6	0.016	0.10										
1096649	2014-09-27 9:45	17			OTHER		4	4	.3	102	8.73	11	0.1 Minimum.		1	0.080	0.10										
1096719	2014-09-28 9:30				OTHER		5	5	.5	2,119	41	226	0.1 Minimum.		6	0.018	0.10										
1096793	2014-09-29 9:55	10 E			BARELY DISCERNIBLE		2	7.5	3.1	19,705	0.07	2,106	IGNORE - updated same day														
1096794	2014-09-29 9:55	10 E			BARELY DISCERNIBLE		2	7.5	3.1	19,705	130.99	2,106			16	0.006	0.10										
1096902	2014-09-30 8:30				BARELY DISCERNIBLE		2	27.7	5	117,381	282.13	12,548			50	0.002	0.10										
1097038	2014-10-01 10:05	5 SE			RAINBOW	NNE	0	5.8	2.5	12,289	147.16	2,693	Assume 10% Rainbow, 15% Silvery, 75% BD		18	0.012	0.21										
1097166	2014-10-02 9:50	5			BARELY DISCERNIBLE		2	4.7	1.5	5,975	43.07	639			15	0.007	0.10										
1097436	2014-10-05 10:15	20 ESE			BARELY DISCERNIBLE		3	1.6	1.5	2,034	38.89	217			6	0.018	0.10										
1097511	2014-10-06 10:00				SILVERY	N	2	5.6	600	460	7.15	492			69	0.015	1.00										
1097600	2014-10-07 9:30				OTHER		2	3.6	1	3,051	267.72	3,262			12	0.082	1.00										
1097740	2014-10-08 9:50				THE SHEEN 45% BRIGHTLY COLORED, 35% SILVERY, 15% SLIGHTLY COLORED & 4% LIGHT DARK		4	4.4	.5	1,865	35.83	1,814			51	0.018	0.91										
OWOC Web Article	20141009 09:00 - OWOC Flight	10 S			75% coverage. 20% Barely Discernible, 30% Silvery, 50% Rainbow. Slick ran from WSW to ENE.		1	12	0.5				50% R, 30% S, 20% BD; 75% coverage.				5,085	2,385	0.435	0.7	38.7						
20141009 COMMENT: This flight was coordinated with a sampling boat, Dr. Ian MacDonald was on board the aircraft taking photos and videos. Photos with the boat give scale surface observations testify to thickness of the oil, proving the pattern of under-estimation of sheen thicknesses in these NRC reports.																											
1097841	2014-10-09 10:00				RAINBOW	W	7	7.5		3,178	61.1	3,397	R		56	0.018	1.00										
1097943	2014-10-10 10:15				SILVERY	W	2	16	5.2	70,513	1962.65	15,076			8	0.026	0.20										
1097980	2014-10-10 16:45				BARELY DISCERNIBLE		2	19.4	8	IGNORE-1 REPEAT THIS DAY	IGNORE-5 REPEAT THIS DAY	IGNORE-14.06 1-REPEAT THIS DAY	DO NOT COUNT THIS TWICE!														
1098003	2014-10-11 9:25	4 E			OTHER		2	7	1.2	7,119	45.92	761	Barely Disc 0.1		17	0.006	0.10										
1098067	2014-10-12 9:35	5 S			RAINBOW		2	5.2	2.4	10,577	212	11,307			53	0.019	1.00										
1098144	2014-10-13 9:55				SHEEN IS 40% BRIGHTLY COLORED.		4	2.8	700	273	3.82	152	60% Silvery		40	0.013	0.52										
1098237	2014-10-14 9:45	20 NW			BARELY DISCERNIBLE		3	7	.7	415	4.13	44			11	0.009	0.10										
1098336	2014-10-15 10:00	10			BARELY DISCERNIBLE		3	2.3	1.1	2,144	0	229	0.1 Minimum.			0.000	0.10										
1098461	2014-10-16 10:15	5 NW			BARELY DISCERNIBLE		2	7.3	.5	3,093	51.42	331			6	0.016	0.10										
1098562	2014-10-17 10:30				BARELY DISCERNIBLE		0	11	1.2	11,187	140.54	1,196			9	0.012	0.10										

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1098655	2014-10-18 10:00			BARELY DISCERNIBLE		SSE	1	8.2	5.7	39,613	104.18	4,235		41	0.002		0.10										
1098685	2014-10-02 11:30	8 SSW		SILVERY	(MC21) CALLER IS REPORTING A DISCHARGE OF OILY WATER FROM AN OFF-SHORE SUPPLY VESSEL DUE TO MALFUNCTION IN THE OILY WATER SEPARATOR. CALLER STATED THE AMOUNT OF MATERIAL RELEASED WAS 4 GALLONS AT A RATE OF 22 PARTS PER MILLION.						4	4	MC21 equipment malfunction	1													
1098698	2014-10-19 9:30	20 E		SILVERY			3	1.1	.8	746	18.9	159		8	0.024	0.20											
1098777	2014-10-20 10:45			BARELY DISCERNIBLE				2.8	1.5	3,560	43.3	381		9	0.011	0.10											
1098911	2014-10-21 10:50			BARELY DISCERNIBLE			3	2	.7	1,187	18.27	127		7	0.014	0.10											
1098900	2014-10-22 9:30			BARELY DISCERNIBLE				1.5	.5	636	4.7	68		14	0.007	0.10											
1099098	2014-10-23 9:15	15 E		BARELY DISCERNIBLE			3	2.4	2	407	1.86	43		23	0.004	0.10											
1099215	2014-10-24 9:40	11 NE		SILVERY		WSW	2	2.1	2	356	2.23	76		34	0.006	0.20											
1099286	2014-10-25 9:00	12 NE		BARELY DISCERNIBLE	UNKNOWN *****NESDIS MARINE POLLUTION REPORT***** NESDIS MARINE POLLUTION REPORT***** OIL FROM THE DESTROYED TAYLOR PLATFORM EXTENDED 1.6 MILES FROM ENE TO WSW AND AVERAGED 0.2 MILES IN WIDTH. THE SLICK EXHIBITED A FEATHERING STRUCTURE CONSISTENT WITH SURFACE WINDS THAT WERE FROM THE NORTH AT THE TIME THE IMAGE WAS TAKEN. AN OVERFLIGHT CONDUCTED 2.5 HOURS PRIOR TO THE IMAGE TIME, DESCRIBED IN NRC INCIDENT REPORT NUMBER 1099215, OBSERVED A SHEEN EXTENDING 2.1 MILES TO THE WSW AND 0.2 MILES WIDE.	SW	3	2.7	2	458	2.1	49		23	0.004	0.10											
1099320	2014-10-24 12:10			SILVERY		WSW		1.6	0.2		0		0.1 Minimum									271	29	0.100	0.6	13.8	
1099347	2014-10-26 10:10	9		SILVERY			3	8.2	200	229	3.03	49		16	0.012	0.20											
1099433	2014-10-27 10:32			RAINBOW		W	2	12.7	4.4	47,359	2103	50,627		24	0.042	1.00											
1099473	2014-10-27 21:00			RAINBOW	*****NESDIS OIL POLLUTION REPORT***** NESDIS OIL POLLUTION REPORT***** UNCERTAINTIES: THE FULL EXTENT OF THE OIL SLICK IS UNKNOWN DUE TO SCATTERED CLOUDS IN THE AREA.			21.5	2.7		0		0.1 Minimum									49,198	5,259	0.100	27.6	262.4	
1099531	2014-10-28 11:15			BARELY DISCERNIBLE		N	2	3	.7	1,780	20.04	190		9	0.011	0.10											
1099664	2014-10-29 10:45			BARELY DISCERNIBLE				3.2	600	268	13.16	29		2	0.046	0.10											
1099749	2014-10-30 9:30	20 SW		SILVERY		SW	3	1.6	.8	1,085	19.95	232		12	0.017	0.20											
1099847	2014-10-31 9:30			SILVERY		SW	2	5.9	.3	1,500	0	321	Silvery 0.2		0.000	0.20											
1099940	2014-11-01 13:15			SILVERY			3	1	.9	763	11.48	163		14	0.014	0.20											
1099988	2014-11-02 9:45	10 NE		BARELY DISCERNIBLE			2	1.8	0.6	915	19.93	98		6	0.016	0.10											
1100039	2014-11-03 9:30			BARELY DISCERNIBLE			3	5.1	2.1	9,077	36.08	970		27	0.004	0.10											
1100156	2014-11-04 11:00			RAINBOW		NNW	3	1.6	500	112	5.18	119	Rainbow 1.0	23	0.043	1.00											
1100263	2014-11-05 10:20	18 ESE		SILVERY			3	1.8	.5	763	17.42	163		9	0.021	0.20											
1100348	2014-11-06 9:25	5 NE		BARELY DISCERNIBLE			2	3.3	.5	1,398	72.11	149		2	0.048	0.10											
1100451	2014-11-07 9:35			SILVERY		W	3	3.6	.3	915	21.14	196		9	0.022	0.20											
1100532	2014-11-08 10:00	12 ENE		RAINBOW			2	2.6	2	441	27.88	471	Rainbow 1.0	17	0.059	1.00											
1100580	2014-11-09 9:15			RAINBOW				2.1	.5	890	0	951	Rainbow 1.0		0.000	1.00											
1100665	2014-11-09 9:35			RAINBOW				5.8	2	9,831	478.11	10,510	Rainbow 1.0	22	0.045	1.00											
1100763	2014-11-11 10:00	4 WNW		SILVERY			2	4.3	4	1,458	20.76	319		15	0.019	0.20											
1100849	2014-11-12 10:00			OTHER			2	5.8	2.3	11,306	66.82	1,209	Barely Dis 0.1	18	0.006	0.10											
1101051	2014-11-14 9:30	15 ENE		RAINBOW			3	2.1	500	146	9.78	157	Rainbow 1.0	16	0.052	1.00											
1101121	2014-11-15 9:45	15 NE		OTHER			2	11.6	.50	4,916	183.36	5,255		29	0.035	1.00											
1101178	2014-11-16 9:30			SILVERY			2	1.1	4	373	8.1	80		10	0.020	0.20											
1101457	2014-11-19 9:25			SILVERY			3	4.6	.1	390	13.43	83		6	0.032	0.20											
1101554	2014-11-20 9:00			BARELY DISCERNIBLE			2	4.9	1.5	6,229	277	666		2	0.042	0.10											
1101645	2014-11-21 9:15	16 SE		SILVERY			3	8	2	13,560	245	2,899		12	0.017	0.20											
1101724	2014-11-22 10:00			SILVERY			4	1.9	.3	483	9.21	103		11	0.018	0.20											
1101856	2014-11-24 9:35			BARELY DISCERNIBLE			2	9.6	1.1	8,950	467	957		2	0.049	0.10											
1102063	2014-11-26 10:00			BARELY DISCERNIBLE		N		8.9	2	1,509	28.5	161		6	0.018	0.10											
1102159	2014-11-28 10:15			SILVERY			2	1.3	.6	661	18.79	141		8	0.027	0.20											
1102207	2014-11-29 10:00			BARELY DISCERNIBLE			2	10.3	1.6	13,967	31	1,493		48	0.002	0.10											
1102255	2014-11-30 9:45			SILVERY			3	9.3	600	778	15.51	166		11	0.019	0.20											
1102317	2014-12-01 9:30			SILVERY	SHEEN WAS 70% SILVERY		3	2.3	.6	1,170	14.72	213		14	0.012	0.17											
1102418	2014-12-02 10:42	12 ENE		SILVERY	THE SHEEN IS 60% BRIGHTLY COLORED, 30% SILVERY, 10% BARELY VISIBLE AND 1% DULL.		3	5.9	4	2,000	101.01	1,475		15	0.047	0.69											
1102523	2014-12-03 10:40	10 E		RAINBOW			2	3.4	.1	288	12.47	308	Rainbow 1.0	25	0.040	1.00											

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 (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"																					
1102633	2014-12-04 12:40	9	ESE	SILVERY			2	6.6	.1	559	9.94	120		12	0.017	0.20																															
1102735	2014-12-05 10:15			SILVERY		SW	2	3.3	.1	280	4.87	60		12	0.016	0.20																															
1102813	2014-12-06 13:20	10	W		30% COVERAGE		2	4.8	0.1	407	0		Silvery 0.2, 30% coverage.		0.000	0.06																															
1102849	2014-12-07 9:25	17	NE	RAINBOW			3	4.4	.3	1,119	40.43	1,196	Rainbow 1.0	30	0.034	1.00																															
1102917	2014-12-08 9:45			RAINBOW	SHEEN WAS 70% RAINBOW AND 30% SILVERY.		2	2.3	0.7	1,364	75.13	1,109	Rainbow 1.0	15	0.052	0.76																															
1102969	2014-12-09 9:30	15	N	SILVERY			2	8	1.9	12,882	228	2,754		12	0.017	0.20																															
1103021	2014-12-09 9:30				SHEEN WAS 65% SILVERY IN COLOR.		2	1.9	.8	1,288	22.88	227	35% Barely Discernible	10	0.017	0.17																															
1103090	2014-12-10 10:00			SILVERY			2	3.9	.7	2,314	49.14	495		10	0.020	0.20																															
1103201	2014-12-11 10:00	7	NE	SILVERY			2	7.2	1.3	7,933	52	1,696		33	0.006	0.20																															
1103356	2014-12-13 11:30			SILVERY			2	6.8	.8	4,610	56.1	986		18	0.011	0.20																															
1103402	2014-12-14 9:45			BARELY DISCERNIBLE		SW	2	11.8	2	20,001	87	2,138		25	0.004	0.10																															
1103443	2014-12-14 10:26	5	NE		***NEDIS OIL POLLUTION REPORT*** PLEASE NOTE THIS IMAGE WAS FROM YESTERDAY DECEMBER 14 AT 1626Z. ANOMALY EXTENDS FOR APPROXIMATELY 12.8 MILES TO THE SOUTHWEST OF THE DESTROYED TAYLOR PLATFORM. A REPEAT LEAK SOURCE, ANOMALY APPEARS AS A LIGHTER COLOR TO ITS SURROUNDINGS AND SKY CONDITIONS WERE PARTLY CLOUDY AT TIME OF THE IMAGE, NOT OBSCURING THE VIEW OF THE ANOMALY. SURFACE WINDS WERE AROUND 5 KNOTS OUT OF THE NORTHEAST AT TIME OF THE IMAGE AND AGREE WITH THE ORIENTATION OF THE SLICK.			12.8	2		0			Use width of same day report 49.1 micron Minimum.									21,696	2,319	0.100	1.1	26.7																				
1103489	2014-12-15 9:30			BARELY DISCERNIBLE				8.9	2.1	15,840	68	1,693		25	0.004	0.10																															
1103582	2014-12-16 9:30			OTHER	60% BRIGHTLY COLORED, 40% SILVERY			6.8	.7	4,034	100	2,933		29	0.023	0.68																															
1103686	2014-12-17 10:15	7	ENE	RAINBOW			2	10	.7	5,933	251.41	6,342		25	0.040	1.00																															
1103772	2014-12-18 10:04	10	E	BARELY DISCERNIBLE		WSW	2	9.7	4.1	33,706	1470.72	3,003		2	0.041	0.10																															
1103876	2014-12-19 8:25			BARELY DISCERNIBLE		WSW	3	2.7	1.6	3,661	54	391		7	0.014	0.10																															
1103988	2014-12-21 9:35	6	ENE	BARELY DISCERNIBLE		SW	2	6.2	.3	1,576	34.02	169		5	0.020	0.10																															
1104056	2014-12-22 11:25	12	SW	BARELY DISCERNIBLE			2	3	1.4	3,560	55.33	381		7	0.015	0.10																															
1104146	2014-12-23 12:15			BARELY DISCERNIBLE		NE	4	1.8	.3	458	16	49		3	0.033	0.10																															
1104294	2014-12-26 9:45			BARELY DISCERNIBLE			2	1.2	.9	915	15.25	98		6	0.016	0.10																															
1104555	2014-12-30 11:30	20	NE	BARELY DISCERNIBLE			2	3	.5	1,271	14.67	136		9	0.011	0.10																															
1104641	2014-12-31 11:00			BARELY DISCERNIBLE		SW	2	2.5	.5	1,059	58.28	113		2	0.051	0.10																															
2014 TOTALS and Yearly Ratio for (322) Taylor NRC Reports											12,647	257,317	20																																		
2014 Average Daily for (322) Taylor Reports:											2,666	39	799		0.012	0.340																															
2014 MEDIAN for (322) Taylor Reports:											244	0.9	66		29	0.007	0.200																														
2014 Average Daily for (38) NOAA satellite NRC Reports:											8,131	0	869		0.1																																
2014 MEDIAN for (38) NOAA satellite NRC Reports:											1,265	0	135		0.1																																
2014 Ranges for (38) NOAA satellite NRC reports																																															
2014 Average Daily for (1) Other NRC Reports (including OWOC):											19	0	20		1.000																																
2014 MEDIAN for (1) Other NRC Reports (including OWOC):											19	0	20		1.000																																
2014 Average Daily for (6) OWOC Observations											1,562	726	0.459																																		
2014 MEDIAN for (6) OWOC Observations											1,059	246	0.345																																		
2014 Ranges for (6) OWOC Observations																																															
2014 TOTALS and Yearly Ratios for (6) OWOC OBSERVATIONS and for same-day Taylor NRC Reports: Note: B-NRC/NRC and OWOC/B-NRC Amt Ratios are simple averages of the yearly totals (equivalent to weighted averages of the daily ratios, weighted by Amts of the denominator), a more meaningful quantity than the (unweighted) average of the daily ratios.											156	12,559	80.5		4,358	0.3	27.9																														
2014 Daily AVERAGES FOR (6) OWOC OBSERVATIONS and same-day Taylor NRC Reports: Note: B-NRC/NRC and OWOC/B-NRC Amt Ratios given here are simple averages of the yearly totals noted below (equivalent to weighted averages of the daily ratios, weighted by Amts of the denominator), rather than the (unweighted) average of the daily ratios.											7,670	26	2,093	93	0.006	0.442	1,562	726	0.459	3.1	300.3																										
2014 MEDIAN FOR (6) OWOC OBSERVATIONS and same-day Taylor NRC Reports:											310	0.6	50	89	0.004	0.405	1,059	246	0.345	2.0	208.5																										
2014 TOTALS and Yearly Ratios for (38) NOAA OBSERVATIONS and same-day Taylor NRC Reports: Note: B-NRC/NRC and OWOC/B-NRC Amt Ratios given here are simple averages of the yearly totals noted below (equivalent to weighted averages of the daily ratios, weighted by Amts of the denominator), rather than the (unweighted) average of the daily ratios.											527	14,685	28																																		
																						33,028																									



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.

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 (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 / 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"									
2014 Daily AVERAGES for (38) NOAA Satellite NRC Reports and same-day Taylor NRC Reports:																																		
Note: B-NRC/NRC and NOAA-B-NRC Amt Ratios given here are simple averages of the yearly totals noted below (equivalent to weighted averages of the daily ratios, weighted by Amts of the denominator), rather than the (unweighted) average of the daily ratios.											2,171	14	397		66	0.007	0.336													8,131	869	0.100	46	4,549
2014 MEDIAN for (38) NOAA Satellite NRC Reports and same-day Taylor NRC Reports:											195	1.0	50		39	0.005	0.200												1,265	135	0.100	1.6	63.7	
2014 Ranges for (39) NOAA satellite observations and same-day Taylor NRC Reports:																																		



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