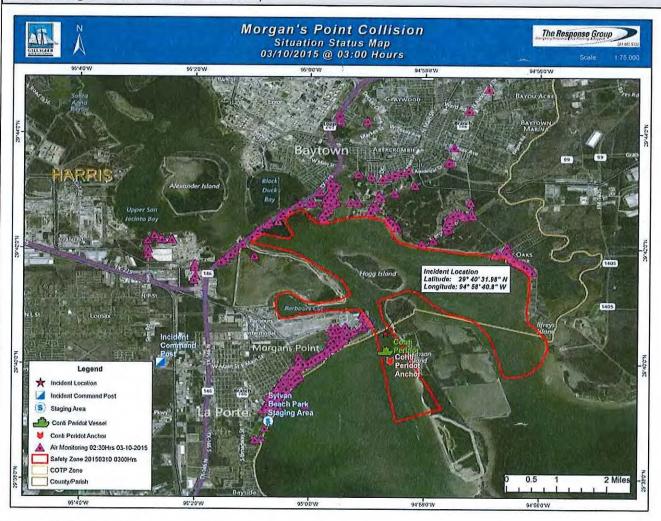


03-10-2015 @ 03:00 Hrs Situation Status Map



Prepared By: Planning

IAP Cover Sheet		Last Update By Gallagher Marine At 0	3/10/2015 03:43 GMT -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/10/2015 04:35 GMT -6:00	Page 1 of 28	© TRG

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Incident Name: Morgan's Point Collision	Period: Period 2 [03/10/15 07:00 -	03/11/15 07:00
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Weather ReportVersion Name: 20150310 0400hrs Weather ReportIncident Name: Morgan's Point CollisionPeriod: Period 2 [03/10/2015 07:00 - 03/11/2015 07:00]

Present Conditions

Weather Conditions as of 03/10/2015 04:00

Wind Speed: 6.00 mph

Wind Direction (from): W

Temperature: 57.00 F

Visibility: 8.00 mi

Pressure: 29.94 IN

Dew Point: 55.00

Feels Like: 57.00

UV Index:

Current Speed: 0.3 kts

Current Direction: E

Water Temperature: 55

Wave Height:

Wave Direction:

Swell Height:

Swell Interval:

Cloudy

Forecast Date	Wind	Temp Hi/Lo	% Precip	Sunrise/ Sunset	No	ites
Tue	7.00 MPH NW	63.00 F/ F	80.00		Clo	oudy with Chance of Light Showers
03/10/2015	7.00 MPH N	F/54.00 F	30.00		Мо	stly Cloudy
Wed	9.00 MPH N	64.00 F/ F	18.00		Мо	stly Cloudy with Isolated Showers
03/11/2015	8.00 MPH NNE	F/54.00 F	23.00		Мо	stly Cloudy with Isolated Showers
Thu	7.00 MPH NNW	68.00 F/ F	23.00		Мо	stly Cloudy
03/12/2015	5.00 MPH WNW	F/54.00 F	11.00		Pa	rtly Cloudy
Fri	4.00 MPH N	70.00 F/ F	9.00		Pa	rtly Cloudy
03/13/2015	3.00 MPH SE	F/55.00 F	10.00		Pa	rtly Cloudy
			Tides			
	Low Tide	7	Tuesday 03/10/2	015 06:05		0.00 FT
	High Tide		Tuesday 03/10/2	015 14:23		0.90 FT
	Low Tide	7	Tuesday 03/10/2	015 18:48		0.80 FT
	High Tide	1	Tuesday 03/10/2	015 22:09		0.80 FT
	Low Tide	W	ednesday 03/11	/2015 06:48		-0.10 FT
	High Tide	W	ednesday 03/11	/2015 16:13		1.00 FT
	Low Tide	Т	hursday 03/12/2	015 07:41		-0.10 FT
	High Tide	Т	hursday 03/12/2	015 18:03		1.10 FT

Weather Report		Last Update By Gallagher Ma	rine At 03/10/2015 04:23 GMT -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/10/2015 04:35 GMT -6:00	Page 3 of 28	© TRG

Incident Name: Morgan's Point Collision

Period: Period 2 [03/10/2015 07:00 - 03/11/2015 07:00]

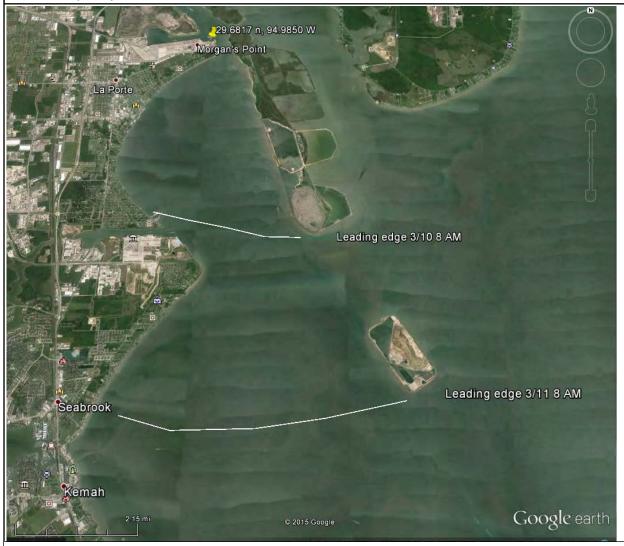


Map/Sketch		Last Update By Gallagher Ma	rine At 03/10/2015 04:32 GMT -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/10/2015 04:35 GMT -6:00	Page 4 of 28	© TRG

Map/SketchVersion Name: 36 Hour TrajectoryIncident Name: Morgan's Point CollisionPeriod: Period 2 [03/10/2015 07:00 - 03/11/2015 07:00]

Incident Map/Sketch

36 Hour Trajectory based on 42,000 BBL Release



Map/Sketch		Last Update By Gallagher Ma	rine At 03/10/2015 05:53 GMT -6:00
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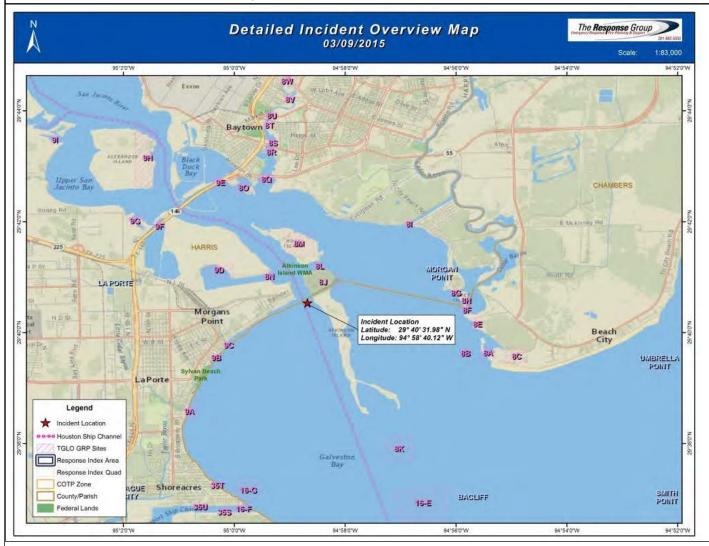
Map/Sketch Version Name: 20150309 Detailed Incident Overview Map

Incident Name: Morgan's Point Collision

Period: Period 2 [03/10/2015 07:00 - 03/11/2015 07:00]

Incident Map/Sketch

20150309 Detailed Incident Overview Map



Map/Sketch		Last Update By Gallagher Ma	rine At 03/09/2015 19:02 GMT -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/10/2015 04:35 GMT -6:00	Page 6 of 28	© TRG

ICS 202 - Incident Objectives	Version Name: 03/09/2015 19:00
ncident Name: Morgan's Point Collision	Period: Period 2 [03/10/2015 07:00 - 03/11/2015 07:00
Overall and	d Strategic Objectives
Overall Objective	Assigned To Status
Safety of the public, responders, and the crew	
Continuous air monitoring and map air quality readings	
Stop air plume from ship	
Determine if MTBE is on the surface, find and map	
Protect natural resources from surface contamination	
Keep public informed on protective measures	
Initiate assessment for salvage on Maersk vessel (damage	and cleaning) prior to moving
Perform assessment and move Maersk vessel to lay berth	h a uth
Perform assessment and move Conti Peridot vessel to lay	pertn
Recover and Rehabilitate Injured Wildlife Locate anchor and mark location/remove	
	Safety Message, Priorities, Key Decisions/Directions)
CS 202 - Incident Objectives	Last Update By Gallagher Marine At 03/10/2015 00:29 GMT -6:0

ICS 202A - Command Direction	Version Name: 03/09/2015 19:00
Incident Name: Morgan's Point Collision	Period: Period 2 [03/10/2015 07:00 - 03/11/2015 07:00]
Prior	rities
People (Life Safety)	
Incident Stabilization	
Environment (Protection)	

Assets

Reputation

Limitations and Constraints

- Weather Conditions (Rain & Cloudy)
- Night Operations (Limited)
- Location of the Incident
- Spilled Material Characteristics (monitoring/PPE requirements)
- Public Health
- Community/Media Perception

Key Decisions and Procedures

Key Decisions

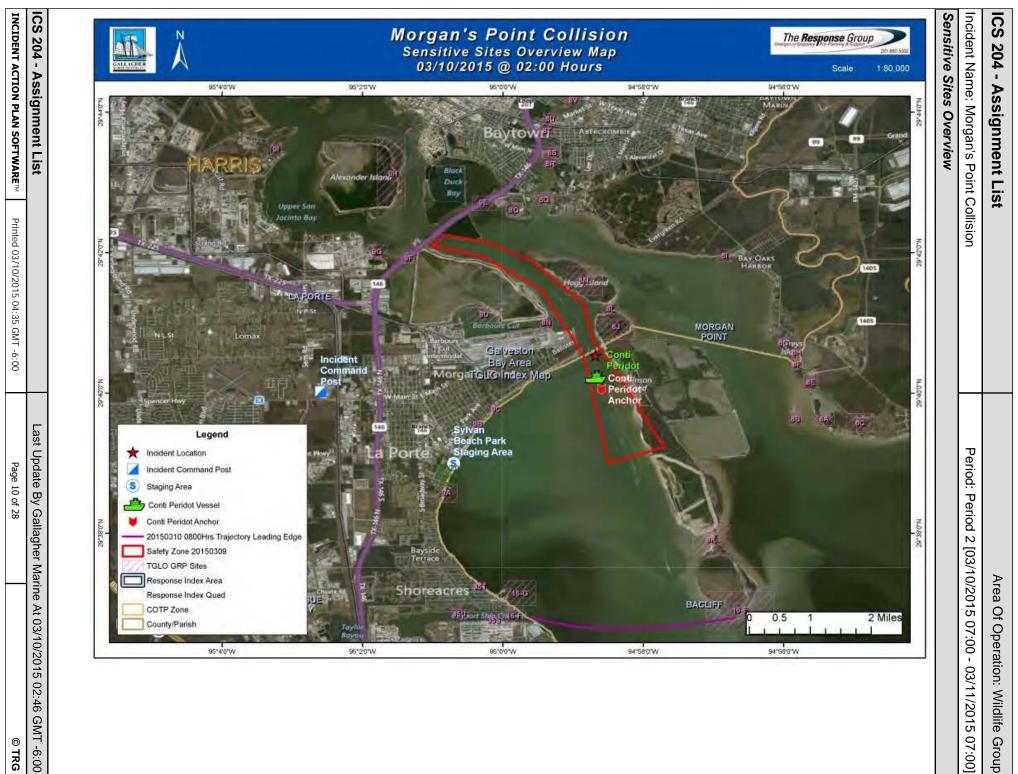
- Make up of UC Federal (USCG), State(TCEQ), Local (Harris County & Port of Houston, & RP (Mearsk)
- Name of Incident = Morgan's Point Collision
- Overall Response Organization Staffing
- OSC & Deputy OSC = GMS
 - PSC & Deputy PSC = GMS
 - LSC = GMS
 - \circ FSC = GMS
 - Safety Officer = GMS
 - Public Information Officer = USCG/GMS
 - Liaison Officer = GMS
 - Environmental Unit Leader = GMS/State/USFW

Note: Section chiefs have full authority on filling positions however make sure that agencies are integrated into the organization.

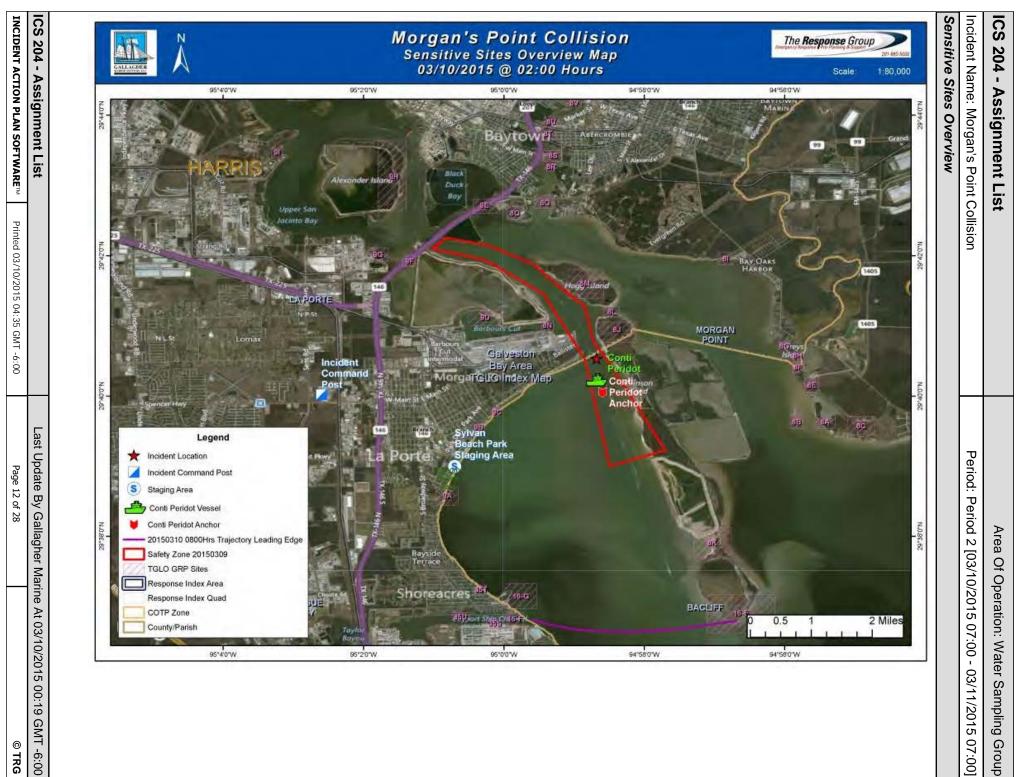
- Command Post City of LaPorte EOC
- Joint Information Center TBD
- Operational Period & work hours 3/10/15 0700hrs. to 3/11/15 0700hrs
- All external releases of information should be approved by UC.
- Any issues around waterway management will be coordinated by USCG.

ICS 202A - Command Directio	n	Last Update By Gallagher Ma	rine At 03/09/2015 22:40 GMT -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/10/2015 04:35 GMT -6:00	Page 8 of 28	© TRG

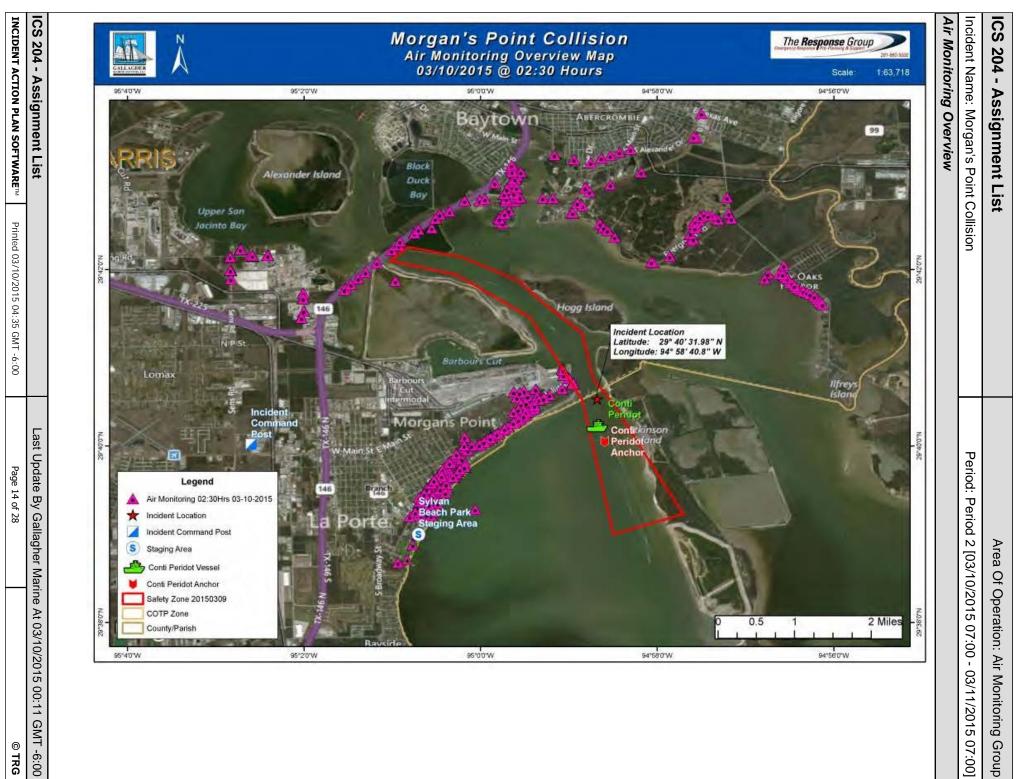
ICS 204 - Assignmen	t List				Area Of O	peratio	n: Wildl	lie Grou
Incident Name: Morgan's F	Point Collision			Period: Peri	od 2 [03/10/2015 07	':00 - 0	3/11/20	15 07:00
			Operations	s Personnel				
Position	Name		Affiliation		Contact Numbe	r(s) V	Nork Si	hift
Operations Section Chief			USCG				Day Shit	t
Operations Section			Gallagher M	larine			Day Shit	
Deputy			Wildlife Dee	Ci II C				
Wildlife Group Supervisor				ponse Services LLC s Required				
Area Of Operation	Pos	source Typ		Description		Oua	antity	Size
Wildlife Group		power: Su		Group Superv	isor	1	iiiiiy	3/26
Wildlife Group		dlife Specia	•	Wildlife Specia		3		
Wildlife Group		dlife Trailer		Wildlife Trailer		1		<u> </u>
Wildlife Group		all Boat		Small Boat		1		14 - 29
vviidilie Oroup	Jill.	un Dual		Siliali Boat		'		feet
Wildlife Group	Boa	t Operator		Boat Operator		1		
				nments				
Activate Wildlife Response	Services to re							
		Specia	l Environme	ental Considerations				
Call 281-470-0000 to repo	rt any impacte	d wildlife o	bserved in th	e field.				
All responders will follow th	ne Site Safety	-	Site-Specific	Safety Considerations safe work practices an		PPE.		
All responders will follow th	ne Site Safety	-	Site-Specific	•		PPE.		
All responders will follow th	ne Site Safety	-	Site-Specific	•		PPE.		
All responders will follow th	ne Site Safety	-	Site-Specific	•		PPE.		
All responders will follow th	ne Site Safety	-	Site-Specific	•		PPE.		
All responders will follow th	ne Site Safety	-	Site-Specific	•		PPE.		
All responders will follow th	ne Site Safety	-	Site-Specific	•		PPE.		
All responders will follow th	ne Site Safety	-	Site-Specific	•		PPE.		
All responders will follow th	ne Site Safety	-	Site-Specific	•		PPE.		
All responders will follow th	ne Site Safety	-	Site-Specific	•		PPE.		
All responders will follow th	ne Site Safety	-	Site-Specific	•		PPE.		
All responders will follow the	ne Site Safety	-	Site-Specific	•		PPE.		
All responders will follow the		-	Site-Specific	safe work practices ar			5 02:46	GMT -6:0



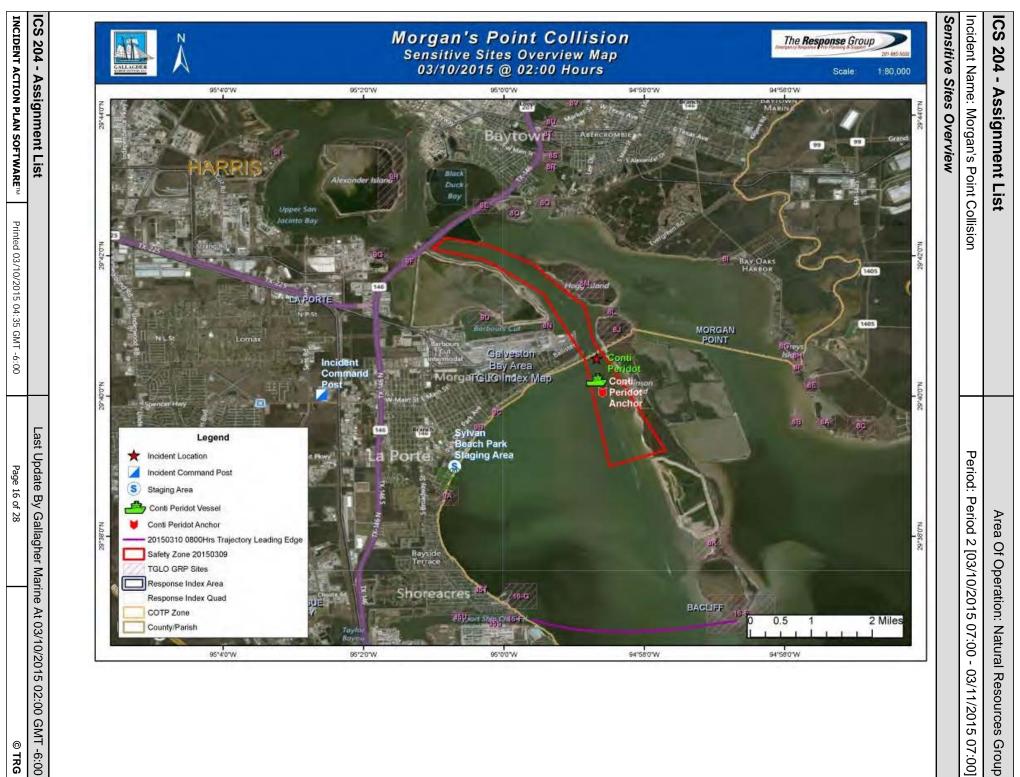
	t List				Area Of Operation	: vvater Sampl	
ncident Name: Morgan's F	Point Colli	ision		Period: Per	iod 2 [03/10/2015 07	7:00 - 03/11/20	015 07:0
	_		Operations I	Personnel			
Position	Name		Affiliation		Contact Number	• •	
Operations Section Chief			USCG			Day Sh	
Operations Section Deputy			Gallagher Mai	ine		Day Sh	ift
Vater Sampling Group Supervisor			СТЕН				
			Resources	-			_
Area Of Operation		Resource Typ		Description		Quantity	Size
Vater Sampling Group		Manpower: Re	sponder	Sampling Spe	ecialist	2	
Vater Sampling Group		Small Boat		Small Boat		1	
			Assignn	nents			
eploy 1 team of 2 Sampli	ng Specia	alist to conduct	water sampling	at the identified lo	cation within the San	npling Analysi	s Plan.
		Specia	I Environment	tal Considerations	•		
all 281-470-0000 to repo	rt any imp	acted wildlife ol	oserved in the	field.			
		Special S	ite-Specific Sa	afety Consideration	ons		
All responders will follow th	ne Site Sa	afety Plan (ICS 2	208). Follow sa	fe work practices a	nd wear appropriate	PPE.	
CS 204 - Assignment Lis	st .			Last Update By (Gallagher Marine At 03	v/10/2015 00:19	GMT -6:



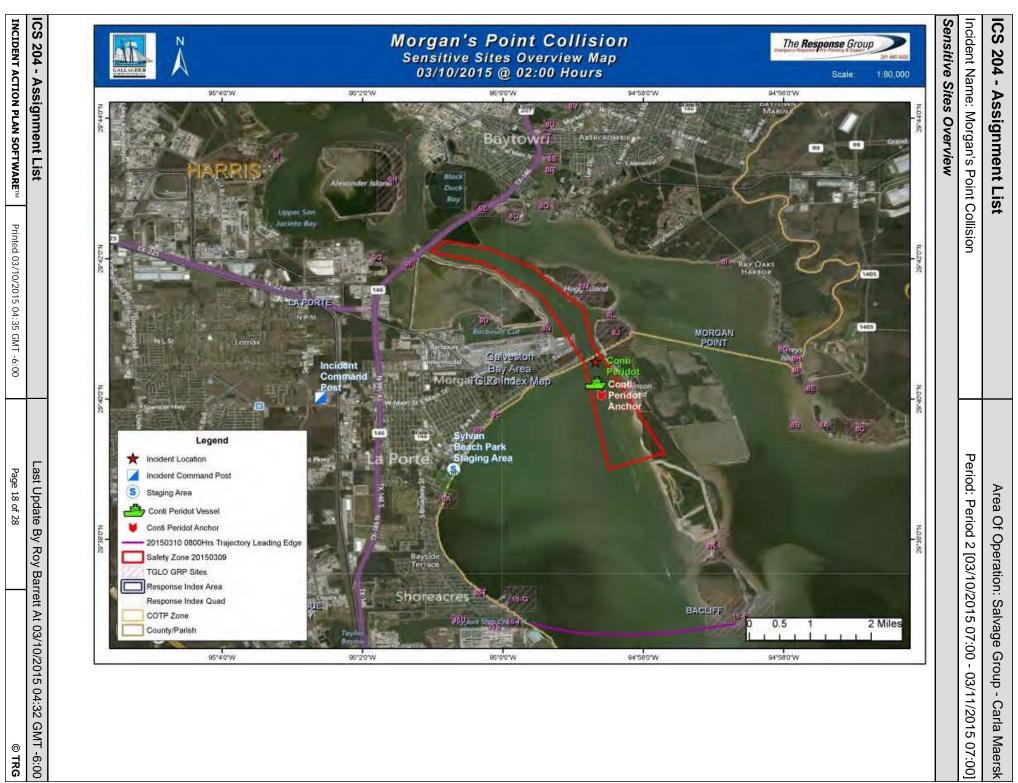
ICS 204 - Assignmer	t List				Area Of Operation	n: Air Monito	ring Grou				
ncident Name: Morgan's F	oint Collisio	on		Period: Period 2 [03/10/2015 07:00 - 03/11/2015 07:0							
			Operations	Personnel							
Position	Name		Affiliation		Contact Number	(s) Work S	Shift				
perations Section Chief			USCG			Day Sh	ift				
Operations Section Deputy			Gallagher Ma	arine		Day Sh	ift				
Air Monitoring Group Supervisor			СТЕН								
			Resources	Required							
rea Of Operation	R	Resource Typ	oe	Description		Quantity	Size				
ir Monitoring Group	S	afety Personnel		Toxicologist		1					
ir Monitoring Group	S	upervisor		Project Manage	er	2					
Air Monitoring Group	N	lanpower: Re	sponder	Data Specialist		1					
Air Monitoring Group	S	afety Personi	nel	Toxicologist		1					
Air Monitoring Group	S	afety Personi	nel	Toxicologist		1					
Air Monitoring Group	V	ehicle		Vehicles		10					
Air Monitoring Group	E	quipment: Sa	ıfety	MultiRAE		10					
Air Monitoring Group		quipment: Sa		MultiRAE		10	1				
			Assign	ments							
	ming data a	ind summary Specia	I Environmen	ntal Considerations							
	ming data a	Special cted wildlife of	reports for Un I Environment bserved in the	ntal Considerations field.	s						
Will conduct realtime streated Call 281-470-0000 to repo	nming data a	Special S	reports for Un I Environment bserved in the ite-Specific S	ntal Considerations field. Safety Consideration		PPE.					
Call 281-470-0000 to repo	nming data a	Special S	reports for Un I Environment bserved in the ite-Specific S	ntal Considerations field. Safety Consideration		PPE.					
Call 281-470-0000 to repo	nt any impac	Special S	reports for Un I Environment bserved in the ite-Specific S	field. Safety Consideration afe work practices and			GMT -6:0				



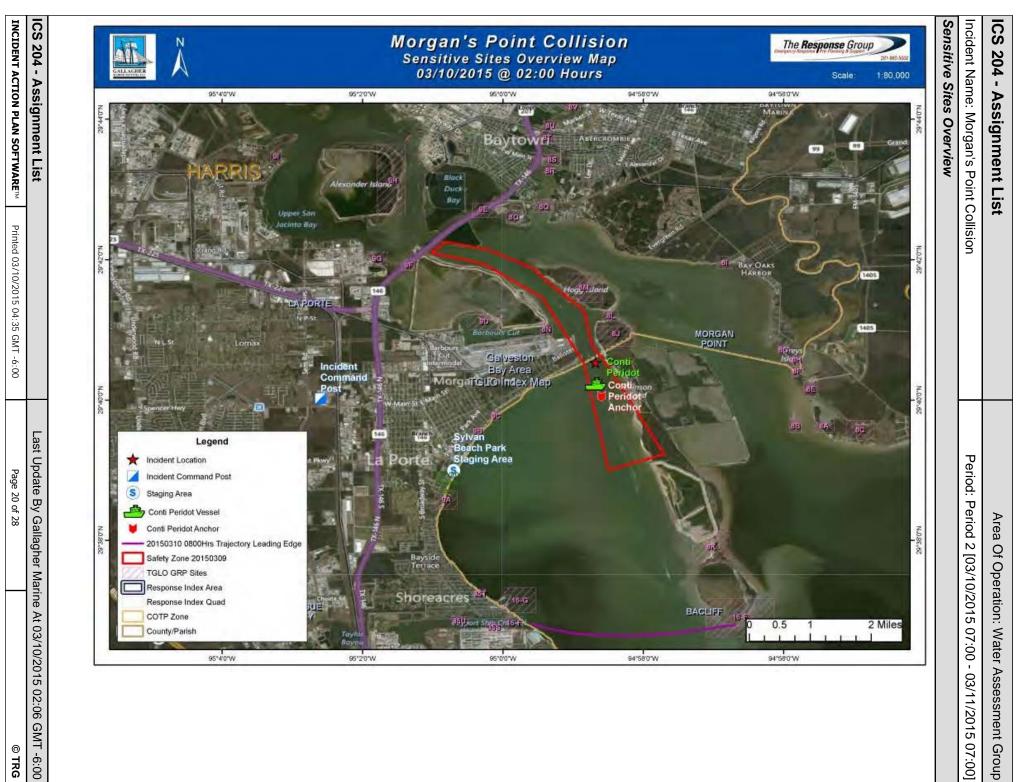
ncident Name: Morgan's F	t List			Α	rea Of Operation: Na	atural Resour	ces Grou	
noident Name. Morgans F	Point Collision	1			iod 2 [03/10/2015 07	:00 - 03/11/20	015 07:00	
	T		Operations	Personnel				
Position	Name		Affiliation		Contact Numbe	- 1		
Operations Section Chief			USCG			Day Sh		
Operations Section Deputy			Gallagher Ma			Day Sh	ift 	
Natural Resources Group Supervisor								
			Resources	Required				
Area Of Operation	Re	source Type)	Description		Quantity	Size	
Natural Resources Group	Во	Boom		Harbor Boom		3000	18 - 24 in	
Natural Resources Group	Sm	nall Boat		Small Boat		8	12 - 29 feet	
Natural Resources Group	Воз	at Operator		Boat Operato	r	8		
Natural Resources Group	Spi	ill Tech		Spill Tech		16		
Natural Resources Group	Ma	inpower: Sup	ervisor	Manpower: S	upervisor	1		
			Assign	ments				
f warranted by aerial overf	flight, deploy	deflection bo	om at pre-ide	entified sites as requ	ired.			
•			•	ntal Considerations				
Call 281-470-0000 to repo	rt any impacte	-						
3an 201 110 0000 to 10po	it arry impact			Safety Consideration	.no			
All responders will follow th	ne Site Safety	v Plan (ICS 20	08). Follow s	afe work practices a	nd wear appropriate	PPE.		
All responders will follow th	ne Site Safety	Plan (ICS 20	08). Follow s	afe work practices a	nd wear appropriate	PPE.		



ICS 204 - Assignmen	t List		Area Of	Operation: Salvage Gro	oup - Carla Maers				
ncident Name: Morgan's F	Point Collision		Period: Period 2 [03/10/2015 07:00 - 03/11/2015 07:00						
		Operations	Personnel						
Position	Name	Affiliation		Contact Number(s)	Work Shift				
Operations Section Chief		USCG			Day Shift				
Operations Section Deputy		Gallagher Ma			Day Shift				
alvage Group Supervisor		Titan Salvag							
			nments						
loard the Carla Maersk ar flaersk and assess damag			pair plan is pending sa	lvage assessment. Boa	ard the Carla				
		-	ntal Considerations						
all 281-470-0000 to repo									
			Safety Considerations						
Il responders will follow th	ne Site Salety P	ian (105 208). Follow s	sare work practices and	wear appropriate PPE					
CS 204 - Assignment Lis	:t		Last Lindato	By Roy Barrett At 03/10/20	115 04:32 CMT -6:4				
NCIDENT ACTION PLAN SOFTWA		/10/2015 04 25 OMT / 02		by Noy Barrell At 03/10/20					
NCIDENT ACTION PLAN SOFTWA	ake 🐃 Printed 03	/10/2015 04:35 GMT -6:00	Page 17 of 28		© TR				



ICS 204 - Assignment List					Area	a Of Operation	on: Water A	Assessme	ent Group	
Incident Name: Morgan's P	oint Collis	sion			Period: Period	d 2 [03/10/20	15 07:00 -	03/11/20	15 07:00]	
			Operations	Perso	onnel					
Position	Name		Affiliation			Contact No	umber(s)	Work S	hift	
Operations Section Chief			USCG					Day Shift		
Operations Section			Gallagher M	arine			Day Shi	ft		
Deputy										
Water Assessment Group Supervisor			US Coast G	uard						
			Resources	s Requ	iired					
Area Of Operation		Resource Typ	е		Description		Qı	uantity	Size	
Water Assessment Group		Manpower: Re	sponder		USCG Spotter		1			
Water Assessment Group		Aircraft: Helo			USCG Helo		1			
Water Assessment Group		Vessel			Boat		1			
Water Assessment Group		Manpower: Re	sponder		Boat Crew		3			
			Assigr	nment	5					
Coordinate with ACOE/Fire found, mark location/broadd first lightwith helo to determincluding pictures.	cast locat	ion as necessa	ry. Coordinat	e with	Salvage Group to	o remove an	chor. Cond	uct overf	light at	
		Special Equipr	nent / Suppl	ies Ne	eded for Assign	ment				
Sonar equipment to find an	chor									
		Specia	l Environme	ntal C	onsiderations					
Call 281-470-0000 to report	t any imp	acted wildlife ol	oserved in the	e field.						
		Special S	ite-Specific	Safety	Considerations	•				
All responders will follow th	e Site Sa	fety Plan (ICS 2	208). Follow s	safe wo	ork practices and	wear approp	oriate PPE.	•		
ICS 204 - Assignment List	t			L	ast Update By Gal	lagher Marine	At 03/10/20	15 02:06	GMT -6:00	
INCIDENT ACTION PLAN SOFTWA	RE ™ Pr	rinted 03/10/2015 04:	35 GMT -6:00		Page 19 of 28				© TRG	

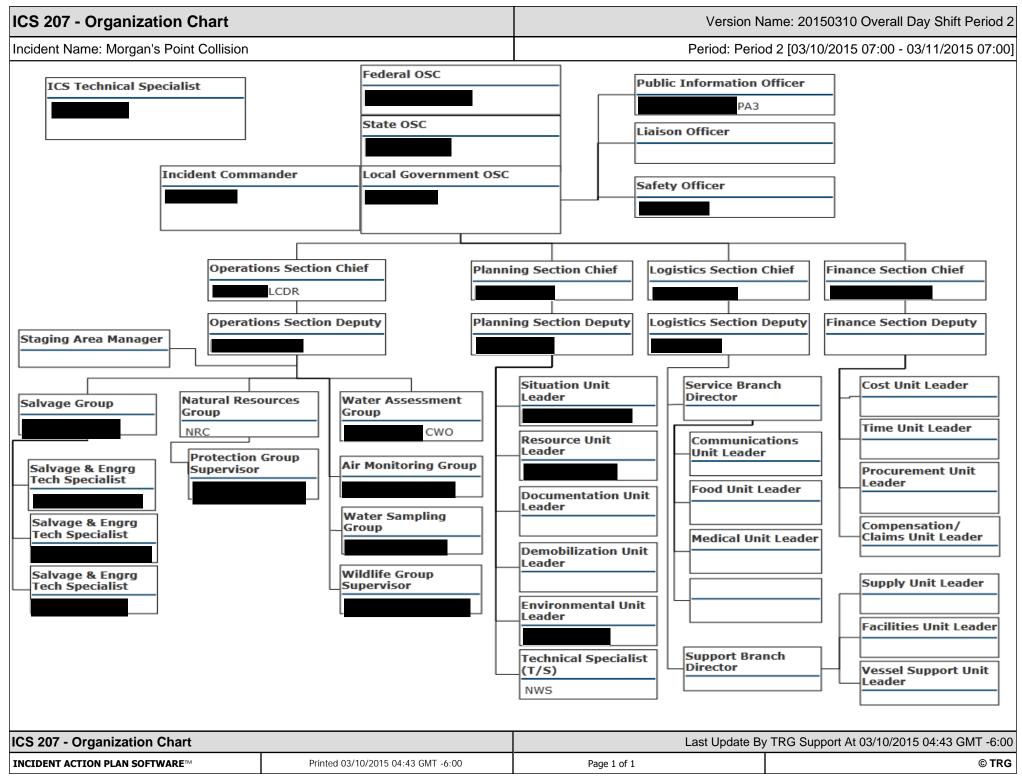


	nt List		Alea Oi	Operation: Salvage Gr	oup - Corai Periac					
Incident Name: Morgan's F	Point Collision		Period: Period 2 [03/10/2015 07:00 - 03/11/2015 07:00							
		Operations P	Personnel							
Position	Name	Affiliation		Contact Number(s)	Work Shift					
Operations Section Chief		USCG			Day Shift					
Operations Section Deputy		Gallagher Mari	ine		Day Shift					
Salvage Group - Cordi Peridot Supervisor		Titan Salvage								
		Assignm								
Board the Conti Peridot an	nd assess dama	_		sel to City Dock 2122.						
		Special Environment								
Call 281-470-0000 to repo										
	•	Special Site-Specific Sa	fety Considerations							
CS 204 - Assignment Lis	st		I ast I Indate R	y Roy Barrett At 03/10/20	015 04:33 GMT -6:0					

	205 - Kaulo	Communication						Version Name: 03/10/2015 V1			
ncide	nt Name: Mor	gan's Point Collision				Period: Period 2 [03/10/2015 07:00 - 03/11/2015 07:00]					
	T	Ī		Radio	Channel Info	rmation	T				
Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	_	Rx Freq N or W	Rx Tone/NAC	Tx Freq N or W	Tx Tone/NAC	Mode (A, D, or M)	Remarks		
83			Command Post Water Assessment Group Air Monitoring Group Salvage Group - Carla Maersk Natural Resources Group Wildlife Group Water Sampling Group								
			, , , , , , , , , , , , , , , , , , ,	Speci	al Radio Instr	uctions					
	DE Dadia Ca	ommunications					l ast I li	odate By Galla	ngher Marine At 03/10/2015 02:22 GMT -6:0		

ICS 205a - Communic	cations List						Version Name: 03/10/2015 V1			
Incident Name: Morga	n's Point Collision			Period: Period 2 [03/10/2015 07:00 - 03/11/2015 07:00]						
		Local	Communica	nications Information						
Name	Incident Assigned Position	Mobile Phone	Work Pho	ne	Email		Notes			
	Federal OSC									
	State OSC									
	Local Government OSC									
	Incident Commander									
	Public Information Officer									
PA3	Public Information Officer									
	Safety Officer									
	Salvage Group									
, LCDR	Operations Section Chief									
	Operations Section Deputy									
	Air Monitoring Group									
CWO	Water Assessment Group									
	Salvage & Engrg Tech Specialist									
	Salvage & Engrg Tech Specialist									
	Salvage & Engrg Tech Specialist		NULL		@response om	groupinc.c				
	Protection Group Supervisor									
	Wildlife Group Supervisor									
	Planning Section Chief									
	Planning Section Deputy				@responsegro	upinc.com				
	Resource Unit Leader									
	Situation Unit Leader									
	Environmental Unit Leader									
	Logistics Section Chief									
	Logistics Section Deputy									
	Finance Section Chief									
ICS 205a - Communic	cations List			Last Update By Gallagher Marine At 03/10/2015 02:19 GMT -6:00						
INCIDENT ACTION PLAN SO	INCIDENT ACTION PLAN SOFTWARE™ Printed 03/10/2015 04:35 GMT -6:00					Page 23 of 28 © TRG				

ICS 206 - Medical Plan		Version Name: 03/09/2015 19:09:14											
Incident Name: Morgan's	Point Collisi	on		Р	eriod: Pe	riod	2 [03/10)/201	5 07:00 - ()3/11	/2015	07:00]	
			Medica	I Aid Stations	3								
A/			M				ramedic	D/	Dhana				
Name	Tue		on Name	and/an Ain Am	On Site Phone Radio d/or Air Ambulance Services)						dio		
A / / O /	Ira		•	ana/or Air Am		Ser	vices)					1 4/0	
Ambulance Service	•	Location			Phone				Radio	Air	ALS		
La Porte City Ambulance Service La Porte Ph1: (281) 471-9244							╀┼						
Skymed		La Por			<u> </u>		342-1415			_	<u> </u>	╀	
Bay Star Ambulance Ser		Baytov					122-7200			-	<u> </u>		
Enterprise Ambulance - E	Baytown	Baytov		ospitals	Ph1: (28	31) 8	337-6262	<u>′</u>					
	T			Uspitais 			_	. 1		Г	1		
 Hospital	Location		Phone	Radio	Air Trave Time	el	Groun Travel T		Trauma Center	 Hel	ipad	Burn Center	
Bayshore Medical Center	4000 Spend Hwy Pasadena, 77504 -95.1834 29	TX	Ph1: 713-359- 1000		min		min	\rightarrow	II]		
Memorial Hermann Texas Medical Center	6411 Fanni Houston, TX 77030 -95.3968 29	X	Ph1: 713-704- 3700		min		min		II			X	
University Of Texas Medical Branch Gal	301 University Boulevard Galveston, 77555 -94.7755 29	TX	Ph1: 409-772- 1011		min		min]	X	
San Jacinto Methodist Hospital	4401 Garth Baytown, T. 77521 -94.9776 29	X	Ph1: 281-420- 8600		min		min		II				
Christus St John Hospital	18300 St Jo Drive Nassau Bay 77058 -95.0851 29	y, TX	Ph1: 281-333- 5503		min		min		II]		
St Luke's Patients Medical Center	4600 East S Houston Pa South Pasadena, 77505 -95.1602 29	rkway TX	Ph1: 281-487- 0700		min		min		II				
Clear Lake Regional 500 Medical Ph1: 281-332- min Medical Center Blvd Webster, TX 77598 -95.1276 29.5401							min		II]		
		S	pecial Medical L	Emergency P	rocedure	es							
ICS 206 - Medical Plan				Last U	Jpdate By	Galla	agher Ma	rine A	t 03/10/201	5 05	:51 GN	ЛТ -6:00	
INCIDENT ACTION PLAN SOFT	WARE ™ Prin	ted 03/10	/2015 05:51 GMT -6:00		Page 1 of	1						© TRG	



ICS 2	208 -	Site Safet	ty P	lan								Version Nam	ne: Si	te Safety Plan
Incide	nt Nar	ne: Morgan's	s Poi	nt Collision					Period: I	Period	2 [03/	10/2015 07:00 -	03/1	1/2015 07:00]
Applie	s to S	ite: All												
							Site Chara	cteriza	ntion					
Water	,			Lan	d				Weather	,				
Wave	Heigh	nt		Lan	d Use)			Air Tem	p	59.00	F		
Speed	ł	0.3 kts							Wind Sp	eed	8.00 ו	mph		
Direct	ion	Е							Direction	n	W			
							Site H	azards						
Yes	No	Hazards			Yes	No	Hazards			Yes	No	Hazards		
X		Boat Safety	/		x		Fire, Explo	osion, I	n-situ		x	Pump Hose		
X		Chemical H	lazar	ds	x		Heat Stre	SS		x		Slips, Trips, ar	nd Fa	alls
x		Cold Stress	3		x		Helicopte	Opera	itions		X	Steam and Ho	t Wa	ter
	X	Confined S	pace	S	x		Lifting				x	Trenching/Exc	avati	on
	X	Drum Hand	lling		x		Motor Veh	nicles			x	UV Radiation		
x		Equipment	Ope	rations	x		Noise			x		Visibility		
	X	Electrical C	pera	tions		x	Overhead	/Buried	Utilities	x		Weather		
X		Fatigue			x		Plants/Wil	ldlife		x		Work Near Wa	ater	
							Air Monito	ring Li	mits					
Oxygen Level 19.5% - Hydrogen Sulfide 23.5%				Sulfide			N/A	Total Hydrocarbons N/A			N/A			
LEL 1% Benzene							N/A N	ИТВЕ			50ppm			
							Engineerin	ng Con	trols					
x	Sourc	e of release	secu	ıred		Valve	(s) closed				Energ	gy sources lock	ed/ta	gged out
	Site s	ecured				Facili	ty shut dow	/n						
					Per	sonal	Protective	Equip	nent Requ	ired				
x	Imper	vious suit			х	Flam	e resistant	clothing]	x	Eye p	rotection		
	Inner	gloves			x	Hard	hats			x	1	onal flotation		
	Outer	gloves			x	Resp	irators			x	Boots	 }		
					Add		Control M	leasure	es Establis					
П	Deco	ntamination			x	Illumi	nation			ΙП	Addit	ional stations es	stabli	shed
$\overline{\Box}$	Sanita	ation			x	Medi	cal surveilla	ınce			Facili	ties provided		
							Work	· Plan						
x	Boom	ning			ПП	Exca	vation			ΙП	Hot w	/ork		
	Skimr						y equipmer	nt		x		opriate permits	used	
	Vac tr						ent pads							
x	Pump					Patch								
[==]	•	<u> </u>						ning						
x		ed site worke atory require			cal/fe	deral	Training Requirem		OSHA HA	ZWOP	ER			
	- 3 50	- , 10 0.					<u> </u>	ization						
Positi	on		Nam	ne	T	Telenho	ne/Radio	Positio			Name	9	Tele	phone/Radio
		nmander							Officer				2.0	,
	501				<u> </u>			1 - 5019						
ICS 20)8 - Si	te Safety Pl	lan						Last Upda	ate Bv 7	TRG Su	ipport At 03/10/20	015 0 ⁻	1:56 GMT -6:00
		ION PLAN SOFT		™ Printed (03/10/20	015 04:35	GMT -6:00		Page 26	-				© TRG
									-			1		

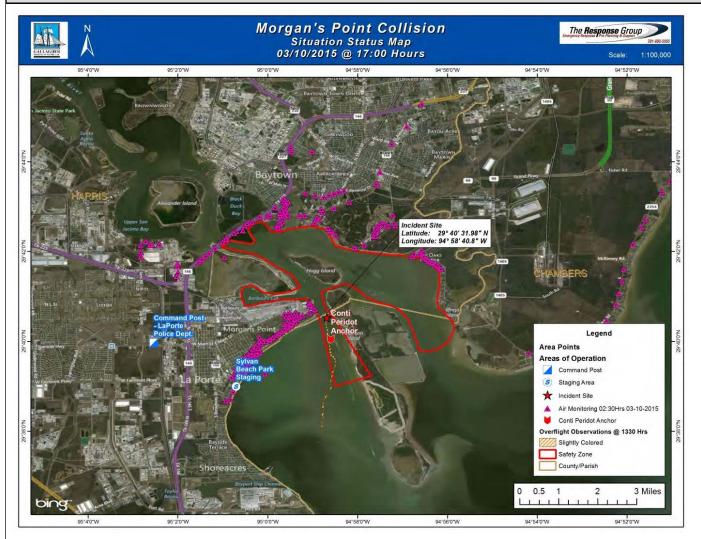
ICS	S 208 - Site Safety Plan					Version Name: Site Safety Plan					
Incid	ent Name: Morgan's	s Point Collision	1			Period: F	Period 2	2 [03/10/2015 07:00) - 03/11/2015 07:00]		
Depu Com	ıty Incident mander				Oper Chie	rations Section	on	, LCDR			
				Emerge	ency F	Plan					
	Fire Prevention P	lan		Evacuation Plar							
	Alarm System			First Aid Location							
					Notifications						
<u> </u>	Facility			Phone	Facility			Γ	Phone		
X	Hospital	San Jacinto Methodist Ho		(281) 420- 8600	x	Fire		LaPorte Fire Department	(281) 471-3607		
x	Ambulance	LaPorte EMS		911	x	Law Enforceme	nt	LaPorte Police Department	(281) 471-2141		
x	Air Ambulance	Memorial Her Life Flight	mann	(713) 704- 4000		Emergency Response/le					
				Initial	Briefi	1					
x	_										
	Attachments/Appendices										
Atta	chment			Filename							
MSD	S - MTBE.pdf			MSDS - MTBE	.pdf						
1070	85-Morgan's Point	TX HASP 03 10)	107085-Morga	organ's Point TX HASP 03 10 15_0306.docx						
15_0	306.docx										
ICS 2	208 - Site Safety Pl	lan				Last Upda	te By Ti	RG Support At 03/10/	2015 01:56 GMT -6:00		
ICS 208 - Site Safety Plan Last Update By TRG Support At 03/10/2015 01:56 GMT - INCIDENT ACTION PLAN SOFTWARE™ Printed 03/10/2015 04:35 GMT -6:00 Page 27 of 28 ©								© TRG			

ICS 220 - A	Air Operation	s Summ	ary										Version Nar	ne: ICS 220
Incident Nam	e: Morgan's Poi	nt Collision							Period:	Period 2	2 [03/10	/2015 07	':00 - 03/11/	2015 07:00
	Sunrise		3	Sunset					Rea	dy Alert	Aircraf	ft		
0	3/10/2015 07:37	7	03/10/	/2015 1	9:26	Medivac								
Remarks	s (safety notes,	hazards, a	air operations spec	ial equi	ipment, etc)	New Incident								
						Temporary Flight Restriction Number								
		Per	rsonnel			Altitude 500								
Position		Name		Phone)	Center Point								
Water Assess	sment Group					Frequencies				cies				
Supervisor	ervisor				Frequency / Fu	nction				AM		F	М	
				83a										
					Fixed-Win	g Aircraft								
FAA N#	FAA N# Category Make/Model				Base		Avai	ilable	Start		Rema	arks		
					Helico	pters								
FAA N#	Category		Make/Model		Base		Avai	ilable	Start		Remarks			
	CG Helo		Dolphin		Dolphin		03/10/2015 03/10/2015 06:00 07:30							
					Task / Mission	/ Assignme	nt							
Function			Name of Personnel o	or Cargo	o or Instructions f	or Mission	Start	Fly To				Fly Fron	n	
								Incident	Site			Air Stati	on Houston	
	Operations Su		D. 1. 100/20/	2015 04 05	CMT / OO	_	20. (Update	By Galla	gher Mai	rine At 03/	/10/2015 02:1	
THCTDEN! ACITO	ON PLAN SOFTWARE		Printed 03/10/2	P	age 28 of	1 2 8						© TRG		

IAP Cover Sheet			Version Name: Period						
Incident Name: Morgan's Point Collis	ion		Period: Period 3 [03/1	1/2015 07:00 - 03/12/2015 07:00]					
	4	Approved By							
Federal OSC:				Date:					
State OSC:				Date:					
Local Government OSC:				Date:					
Incident Commander:				Date:					

Incident Action Plan

03-10-2015 @ 17:00 Hrs Situation Status Map



Prepared By: Gallagher Marine

IAP Cover Sheet		Last Update By TRG Support At 03/11/2015 03:10 GMT -6:00			
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/11/2015 03:17 GMT -6:00	Page 1 of 37	© TRG		

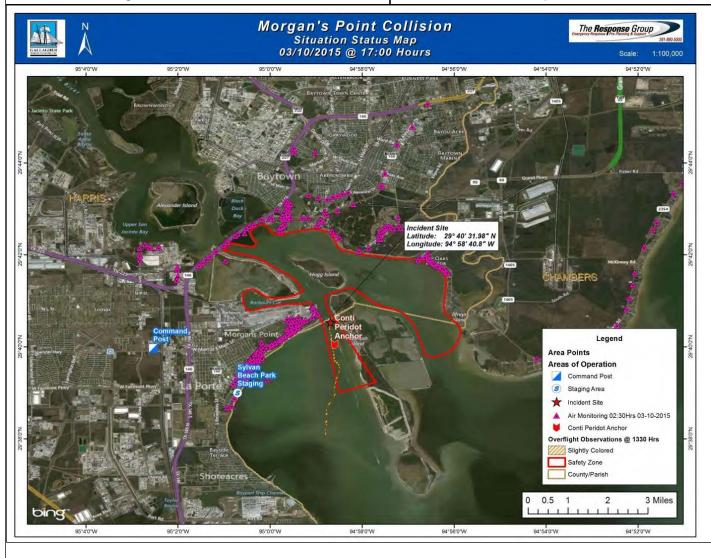
Incident Name: Morgan's Point Collision	Period: Period 3 [03/11/15 07:00 - 03.	/12/15 07:001
Report Name	T diled. T diled o [del/ 11/10 dr. del	Page
IAP Cover Sheet		1
Weather Report		3
Map/Sketch		4
ICS 202 - Incident Objectives		5
ICS 202a - Command Direction		6
ICS 202b - Critical Information Requirements		7
ICS 204 - Assignment List		8
ICS 205 - Radio Communications		28
ICS 205a - Communications List		29
ICS 206 - Medical Plan		32
ICS 207 - Organization Chart		33
ICS 208 - Site Safety Plan		35
ICS 220 - Air Operations Summary		37

Weather Report Version Name: 20150311 0330 Weather Report Incident Name: Morgan's Point Collision Period: Period 3 [03/11/2015 07:00 - 03/12/2015 07:00] **Present Conditions** Weather Conditions as of 03/11/2015 02:50 Wind Speed: 9.00 mph Pressure: 30.12 IN Wind Direction (from): NNW **Dew Point:** 54.00 Temperature: 55.00 F Feels Like: 55.00 **UV Index:** Visibility: 10.00 mi **Current Speed:** Wave Height: **Current Direction:** Wave Direction: Water Temperature: Swell Height: Swell Interval: Cloudy Forecast Date Wind Temp % Sunrise/ Notes Sunset Hi/Lo Precip 64.00 F/F 9.00 MPH N 20.00 Mostly Cloudy with Isolated Showers Wed 03/11/2015 10.00 MPH N F/55.00 F 40.00 Cloudy with Chance of Light Showers 12.00 MPH N 68.00 F/F 40.00 Mostly Cloudy with Isolated Showers Thu 03/12/2015 7.00 MPH NW F/54.00 F Partly Cloudy 20.00 6.00 MPH NW 70.00 F/F Partly Cloudy 10.00 Fri 5.00 MPH F/54.00 F 10.00 Partly Cloudy 03/13/2015 WNW 7.00 MPH 72.00 F/F 8.00 Partly Cloudy Sat NNW 03/14/2015 5.00 MPH N F/55.00 F 10.00 Partly Cloudy **Tides Low Tide** Wednesday 03/11/2015 06:48 -0.10 FT **High Tide** Wednesday 03/11/2015 16:13 1.00 FT **Low Tide** Thursday 03/12/2015 07:41 -0.10 FT Thursday 03/12/2015 18:03 **High Tide** 1.10 FT **Low Tide** Friday 03/13/2015 08:43 -0.20 FT **High Tide** Friday 03/13/2015 19:15 1.20 FT **Low Tide** Saturday 03/14/2015 09:52 -0.20 FT **High Tide** Saturday 03/14/2015 20:05 1.20 FT

Weather Report		Last Update By TRG Support At 03/11/2015 03:15 GMT -6:00		
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/11/2015 03:17 GMT -6:00	Page 3 of 37	© TRG	

Incident Name: Morgan's Point Collision

Period: Period 3 [03/11/2015 07:00 - 03/12/2015 07:00]



Map/Sketch		Last Update By TRG Support At 03/10/2015 18:07 GMT -6:00		
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/11/2015 03:17 GMT -6:00	Page 4 of 37	© TRG	

ICS 202 - Incident Objective	es ————————————————————————————————————	Version	Name: Period 3 Objectives
Incident Name: Morgan's Point Col	lision	Period: Period 3 [03/11/2015	07:00 - 03/12/2015 07:00
	Overall and Stra	ategic Objectives	
Ove	rall Objective	Assigned To	Status
Safety of the public, responders, ar	nd the crew		
Continuous air monitoring and map	air quality readings		
Stop air plume from ship			
Monitor whether MTBE is on the su	rface, find and map		
rotect natural resources from surf	ace contamination		
Geep public informed on protective	measures		
Continue salvage on Maersk vesse	I (damage and cleaning) prio	r to moving	
Perform assessment and move Ma	ersk vessel to lay berth		
Recover and Rehabilitate Injured V	/ildlife		
Operational Period	Command Emphasis (Safet	y Message, Priorities, Key Decisions	s/Directions)
CS 202 - Incident Objectives		Last Update By TRG Support At	
			© TRG

Incident Name: Morgan's Point Collision	Period: Period 3 [03/11/2015 07:00 - 03/12/2015 07:00]				
Prioriti	es				
People (Life Safety)					
Incident Stabilization					
Environment (Protection)					
Assets					
Reputation					
Limitations and	Constraints				
 Weather Conditions (Rain & Cloudy) Night Operations (Limited) Location of the Incident Spilled Material Characteristics (monitoring/PPE required) Public Health Community/Media Perception Fatigue management Daylight transit for the Carla Maersk 	rements)				
Key Decisions and	d Procedures				
 Key Decisions Make up of UC – Federal (USCG), State (TCEQ), Loca Name of Incident = Morgan's Point Collision Overall Response Organization - Staffing OSC & Deputy OSC = GMS PSC & Deputy PSC = GMS LSC = GMS FSC = GMS Safety Officer = GMS Public Information Officer = USCG/GMS Liaison Officer = GMS Environmental Unit Leader = GMS/State/USFW 	Il (City of LaPorte, Port of Houston) & RP (Mearsk)				
 Note: Section chiefs have full authority on filling positions in the organization. Command Post – City of LaPorte EOC Joint Information Center – City of LaPorte EOC 	nowever make sure that agencies are integrated into				
 Operational Period & work hours - 3/11/15 0700hrs. All external releases of information should be approved. Any issues around waterway management will be confused to the confused of the confused	ed by UC.				
Approved	Approved By				
Incident Commander:	Date:				

Version Name: 20150310 12:00

Last Update By TRG Support At 03/10/2015 12:31 GMT -6:00

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ICS 202a - Command Direction

ICS 202a - Command Direction

Printed 03/11/2015 03:17 GMT -6:00

INCIDENT ACTION PLAN SOFTWARE™

ICS 202b - Critical Information Requirements	Version Name: 20150310 12:00		
Incident Name: Morgan's Point Collision	Period: Period 3 [03/11/2015 07:00 - 03/12/2015 07:00]		

Unified Command Critical Threshold Reporting Criteria

Injury or Death

- OSHA/Greater than 1st Aid through Safety Officer

Significant change of status of the leaking tank

Shoreline Impact

Unplanned VIP visits en-route/planning/arriving

Adverse protest plans or interview requests

Confirmed wildlife impacts

Loss or breach of containment

Change in status of vessel

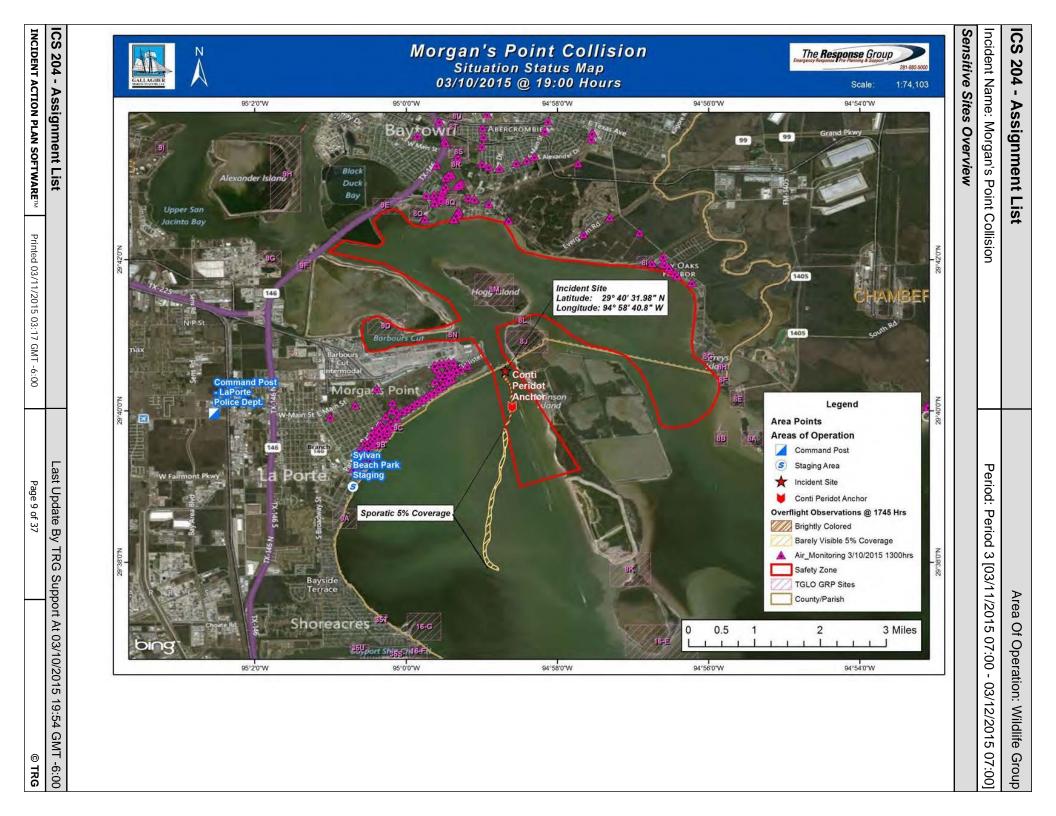
Air monitoring results onshore more than 50ppm or above LEL afloat

Upon Commencing of Salvage Operations

Upon securing Inert Gas

Upon commencing foam application

ICS 204 - Assignment	List			Area Of Operat	ion: Wildl	ife Group	
Incident Name: Morgan's Point Collision		Period: Period 3 [03/11/2015 07:00 - 03/12/2015 07:00]					
gan a		Operations		[66, 1.1, 20.10.01.100	00, 12, 20		
Position	Name	Affiliation		ontact Number(s)	Work Si	Shift	
Operations Section Chief		USCG			Day Shit	ft	
Operations Section		Gallagher Ma	arine		Day Shift		
Deputy							
Wildlife Group Supervisor		•	oonse Services LLC				
		Resources				T	
Area Of Operation	Resource Typ		Description		uantity	Size	
Wildlife Group	Manpower: Su	-	Group Supervisor	1			
Wildlife Group	Wildlife Specia		Wildlife Specialists	3			
Wildlife Group	Wildlife Trailer	Ť	Wildlife Trailer	1			
Wildlife Group	Small Boat		Small Boat	1		14 - 29 feet	
Wildlife Group	Boat Operator	•	Boat Operator	1			
		Assign	nments				
Activate Wildlife Response S	Services to recover and	d rehab impact	ted wildlife				
	Specia	al Environme	ntal Considerations				
Call 281-470-0000 to report	any impacted fish or w	ildlife observe	d in the field.				
	Special S	Site-Specific S	Safety Considerations				
100 004 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			1	0.00	45.40.54	ONAT COS	
ICS 204 - Assignment List		.17 CMT 4.00		G Support At 03/10/20	19:54 (
INCIDENT ACTION PLAN SOFTWAR	RE ™ Printed 03/11/2015 03	: 17 GIVIT -6:00	Page 8 of 37			© TRG	



ICS 204 - Assignment	List			Area	a Of Operation	on: Wildlife	Recon T	ask Force
Incident Name: Morgan's Po	oint Colli	ision		Period: Perio	d 3 [03/11/20	015 07:00 -	03/12/20	15 07:00]
			Operations	Personnel				
Position	Name		Affiliation		Contact Number(s)		Work S	hift
Operations Section Chief			USCG				Day Shi	ft
Operations Section Deputy			Gallagher M	arine			Day Shi	ft
Wildlife Group Supervisor			Wildlife Resp	oonse Services LLC				
WL Recon & Recovery TF Supervisor			Texas Parks	and Wildlife				
			Resources	s Required				
Area Of Operation		Resource Typ	oe .	Description		Q	uantity	Size
Wildlife Recon Task Force		Manpower: Su	pervisor	Group Supervis	or	1		
Wildlife Recon Task Force		Wildlife Specia	llist	Wildlife Special	ists	2		
Wildlife Recon Task Force		Wildlife Trailer		Wildlife Trailer		0		
Wildlife Recon Task Force		Small Boat		Small Boat		0		14 - 29 feet
Wildlife Recon Task Force		Boat Operator		Boat Operator		0		
Wildlife Recon Task Force		UTV		UTV		1		
			Assigr	nments				
Recon and Recovery TF: Texas Parks and Wildlife De	ept will c	conduct recon a	•	f impacted wildlife and	stabilize for	transportat	ion.	
Name / Function		Conta	ct Details					
Name Tandion		m:	ot Botane					
		m:						
		m:						
			mont / Suppl	ies Needed for Assigi	nmont			
Panart to Command next to				les Needed for Assigi	IIIIeIII			
Report to Command post to	receive			ntal Canaidarations				
Call 201, 470, 0000 to report	on im			ntal Considerations				
Call 281-470-0000 to report	any imp				-			
All responders will follow the not limited to: Eye protection Safety Shoes USCG approved PFD in book		afety Plan (ICS	208). Follow s	Safety Considerations safe work practices and		priate PPE	. To inclu	de but
Communication Device/(Ce	II phone	or Radios) & Es	stablish comn	nunication schedule wit	th supervisor	r.		
ICS 204 - Assignment List				Last Update By	TRG Suppor	t At 03/10/20	19:54	GMT -6:00
INCIDENT ACTION PLAN SOFTWAR	RE™ P	Printed 03/11/2015 03:	17 GMT -6:00	Page 10 of 37				© TRG

ICS 204 - Assignment	CS 204 - Assignment List			Area Of Operation: Wildlife Rehab Task Force					
Incident Name: Morgan's Po	oint Collision			Period: Perio	od 3 [03/11/2015 07:0	00 - 03/12/2	2015 07:00]		
			Operations	Personnel					
Position	Name		Affiliation		Contact Number(s) Work	Shift		
Operations Section Chief			USCG			Day S	hift		
Operations Section Deputy			Gallagher M	arine	Day Sh		hift		
Wildlife Group Supervisor			Wildlife Resp	oonse Services LLC					
			Resources	s Required					
Area Of Operation	Res	source Typ	е	Description		Quantity	Size		
Wildlife Rehab Task Force	Mai	npower: Su	pervisor	Group Supervi	sor	1			
Wildlife Rehab Task Force	Wile	Wildlife Specialist		Wildlife Specia	lists	3			
Wildlife Rehab Task Force	Wile	dlife Trailer		Wildlife Trailer		1			
Wildlife Rehab Task Force	Ligi	ht Plants		Light Plants		1			
Wildlife Rehab Task Force	Res	sponse Van		Response Van		1			
Wildlife Rehab Task Force	Driv	/er		Van Drivers		1			
Assignments									
Wildlife Rehab TF: Wildlife Response Services Rehab Center is at WRS Ba			enter on Deck	er Rd.	s needed.				
Communications Name / Function Contact Details									
Name / Function		<u> </u>	ct Details						
		m:							
		m:							
	0	m:		' Ald- (5 A'-					
December Occurred to the section	•		• • •	ies Needed for Assig	nment				
Report to Command post to	receive bad								
0.11.004.470.0000.1		•		ntal Considerations					
Call 281-470-0000 to report	any impacte				-				
		=	-	Safety Consideration					
All responders will follow the not limited to: Eye protection Safety Shoes USCG approved PFD in box	·	·	,	safe work practices an	d wear appropriate P	PE. To inc	lude but		
Communication Device/(Ce	II phone or R	adios) & Es	stablish comn	nunication schedule w	th supervisor.				
						0.600.5			
ICS 204 - Assignment List					y TRG Support At 03/1	0/2015 19:5			
INCIDENT ACTION PLAN SOFTWAR	RE ™ Printed	03/11/2015 03:	17 GMT -6:00	Page 11 of 37			© TRG		

CS 204 - Assignment List				Area Of Operation: Marine Mammal/Sea Turtle TF Leader					
Incident Name: Morgan's Po	oint Coll	ision			Period: Period	d 3 [03/11/	/2015 07:00 -	03/12/20	15 07:00]
			Operations	s Person	nel				
Position	Name		Affiliation			Contact	Number(s)	Work S	hift
Operations Section Chief			USCG					Day Shift	
Operations Section Deputy			Gallagher M	allagher Marine				Day Shift	
Wildlife Group Supervisor					oonse Services LLC				
Marine Mammal TF Leader			Wildlife Res						
Sea Turtle TF Leader			Wildlife Res	·					
		T	Resource						Size
Area Of Operation			Resource Type		Description			Quantity	
Marine Mammal/Sea Turtle Leader		, i	Manpower: Supervisor		roup Supervis	or	2		
Marine Mammal/Sea Turtle Leader		Small Boat		S	mall Boat		1		14 - 29 feet
Marine Mammal/Sea Turtle Leader	TF	Boat Operator	Boat Operator Boat Operator			1			
Marine Mammal/Sea Turtle Leader	TF	UTV		U	TV		1		
			Assigi	nments					•
Marine Mammals: Conduct recon, recovery an		·	eted marine m	nammals.	Located in Ga		ab		
Name / Function		Camta		nications	3				
Name / Function		Conta	ct Details						
		m:							
		m:							
		m:							
		m:							
		Special Equipr	nent / Suppl	lies Need	led for Assigr	nment			
Report to Command post to	receive	badge and insti	ructions.						
		Specia	l Environme	ental Con	siderations				
Call 281-470-0000 to report	any imp	oacted fish or wi	ldlife observe	ed in the f	ield.				
		Special S	ite-Specific	Safety C	onsiderations	3			
All responders will follow the not limited to: Eye protection Safety Shoes USCG approved PFD in box		•	·	safe work	practices and	l wear app	ropriate PPE	. To inclu	de but
Communication Device/(Ce	II phone	or Radios) & Es	stablish comn	municatio	n schedule wit	h supervis	sor.		
ICS 204 - Assignment List					Last Update By	TRG Supp	ort At 03/10/2	015 20:59	GMT -6:00
INCIDENT ACTION PLAN SOFTWAI	RE™	Printed 03/11/2015 03:	17 GMT -6:00		Page 12 of 37				© TRG

ICS 204 - Assignment	t List		Area Of C	peration: Safety Zone E	Enforceme	ent Group
Incident Name: Morgan's P	oint Collision		Period: Perio	d 3 [03/11/2015 07:00 -	03/12/20	15 07:00]
		Operations	s Personnel			
Position	Name	Affiliation		Contact Number(s)	Work S	hift
Operations Section Chief		USCG			Day Shi	ft
Operations Section		Gallagher M	larine		Day Shi	ft
Deputy Safety Zone Enforcement		Port of House	ston Authorities			
Group Supervisor						
.			s Required			lo:
Area Of Operation		rce Type	Description		uantity	Size
Safety Zone North	Vessel		Vessel	4		
		Assig	nments			
Maintain safety zone bound	laries on north ar	nd south sides of the	impacted area as requ	uired by COTP.		
		Commu	nications			
Name / Function		Contact Details				
Water Assessment		83				
Aerial Assessment		22				
USCG Rescue		21				
		Special Environme	ental Considerations			
100 004 1				TDOO	0.4.	014
ICS 204 - Assignment List		1/201E 02:17 CMT / 00		/ TRG Support At 03/11/20	J15 00:23 ·	
INCIDENT ACTION PLAN SOFTWA	KE™ Printed 03/1	1/2015 03:17 GMT -6:00	Page 13 of 37			© TRG

CS 204 - Assignment List			Area Of Operation: Decon Group				
Incident Name: Morgan's Point (Collision		Period: Period	3 [03/11/2015 07:00 -	03/12/2015 07:00]		
		Operations	Personnel				
Position Nan	ne	Affiliation		Contact Number(s)	Work Shift		
Operations Section Chief		USCG			Day Shift		
Operations Section Deputy	_	Gallagher Ma			Day Shift		
Decon Group Supervisor		Horizon Envi	ronmental				
		Commur	nications				
Name / Function		t Details					
	m:						
Call 281-470-0000 to report any			ntal Considerations				
100 004 4 1							
ICS 204 - Assignment List INCIDENT ACTION PLAN SOFTWARE™	Printed 03/11/2015 03:1	7 GMT -6:00	Last Update By Page 14 of 37	TRG Support At 03/11/20	015 00:11 GMT -6:00 © TRG		

ICS 204 - Assignmen	S 204 - Assignment List			Area Of Operation: Salvage Group - Carla Maersk					
Incident Name: Morgan's F	Point Colli	ision			Period: Period	3 [03/11/2015 07:0	0 - 0	3/12/20	15 07:00]
			Operations	Perso	onnel				
Position	Name		Affiliation			Contact Number(s) l	Nork Si	nift
Operations Section Chief			USCG					Day Shif	t
Operations Section Deputy			Gallagher Ma	arine				Day Shif	t
Salvage Project Manager			Svitzer Salva	age					
Salvage & Engrg Tech Specialist			Titan Salvag	е					
Fire Suppression TF Leader			IES						
Salvage Group - Asst Safety Officer			USCG						
			Resources	Requ	ired				
Area Of Operation		Resource Typ	ре		Description		Qua	antity	Size
Salvage Group - Carla Mad	ersk	Deck Barge			Deck Barge		1 ea	ach	
Salvage Group - Carla Ma	ersk	Tug			Tug		1 each		
Salvage Group - Carla Ma	ersk	Vessel Crew			Vessel Crew		2 each		
Salvage Group - Carla Mad	ersk	Manpower: Su	pervisor		Project Manage	r	1 each		
Salvage Group - Carla Mad	ersk	Diver	Diver		Diver		5 each		
Salvage Group - Carla Mac	ersk	Salvage Maste	er		Salvage Master		2 each		
Salvage Group - Carla Mac	ersk	Miscellaneous			Tarps		4 each		
Salvage Group - Carla Mad	ersk	Miscellaneous			Bearclaw Magne	ets	24 e	each	
Salvage Group - Carla Mad	ersk	ROV - Remote Vehicle	ely Operated		ROV - Remotely Operated Vehicle		1 ea	ach	
Salvage Group - Carla Mad	ersk	Diving Equipm	ent		Dive Spread		1 ea	ach	
Salvage Group - Carla Ma	ersk	Dive Support E	Boat		Dive Support Boat		1 ea	ach	
Salvage Group - Carla Mad	ersk	Pumps			2000 GPM		1 ea	ach	
Salvage Group - Carla Mad	ersk	Miscellaneous			Foam Totes (So EPA)	lberg 1X3 2015	9 ea	nch	
Salvage Group - Carla Ma	ersk	Pumps			3500 GPM		1 ea	ach	
Salvage Group - Carla Mac	ersk	Fire Fighters			IES Techs		4 ea	ach	
Salvage Group - Carla N	/laersk	Fire Fighters			Port of Houston Fighters	Authority Fire	5 ea	nch	
Salvage Group - Carla N	/laersk	Fire Boat			Port of Houston	Authority Fire Boat	1 ea	ach	
			Assign	ments	5				
Using 4 IES techs apply fo apply soft patch tarp to dar by Salvage Plan to determ Once inspection is completed.	naged ar ine hull s	ea and reconve tructure integrity	2015 EPA) fo ne for next ph and potentia	r vapo ase. U I for ac	r suppression/co Ising ROV and di Iditional product	ivers (as a continger loss into waterway.	ncy) a	as detei	mined
Turning Basin.	e and Wi	ui oo appioval,	umzny assis	si iugs	anu siiips power	, งอรรอ เบ แสกรแ เป	Dail	ouis Cl	AL.
All detailed salvage proced	lures will	be performed in	accordance	with th	e approved Salva	age Plan.			
			Commun	nicatio	ns				
Name / Function		Conta	ct Details						

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- Titan Salvage

Printed 03/11/2015 03:17 GMT -6:00

ICS 204 - Assignment List

INCIDENT ACTION PLAN SOFTWARE™

ICS 204 - Assignment Lis	st	Area Of Operation: Salvage Group - Carla Maersk
Incident Name: Morgan's Point	Collision	Period: Period 3 [03/11/2015 07:00 - 03/12/2015 07:00]
-	Commur	nications
Name / Function	Contact Details	
	m:	
	m:	
- USCG	m:	
	m:	
	m:	
Salvage	320	
USCG Rescue	21	
	800 / Tac 1	
Aerial Assessment	22	
	Special Environmen	
Call 281-470-0000 to report any	impacted fish or wildlife observe	
	Special Site-Specific S	Safety Considerations afe work practices and wear appropriate PPE as detailed in the
Fall protection when required	quired and where a risk of drowning exist	
Communication Device/(Ceil ph	one of Radios) & Establish comm	nunication schedule with supervisor.
ICS 204 - Assignment List		Last Update By TRG Support At 03/11/2015 00:16 GMT -6:00

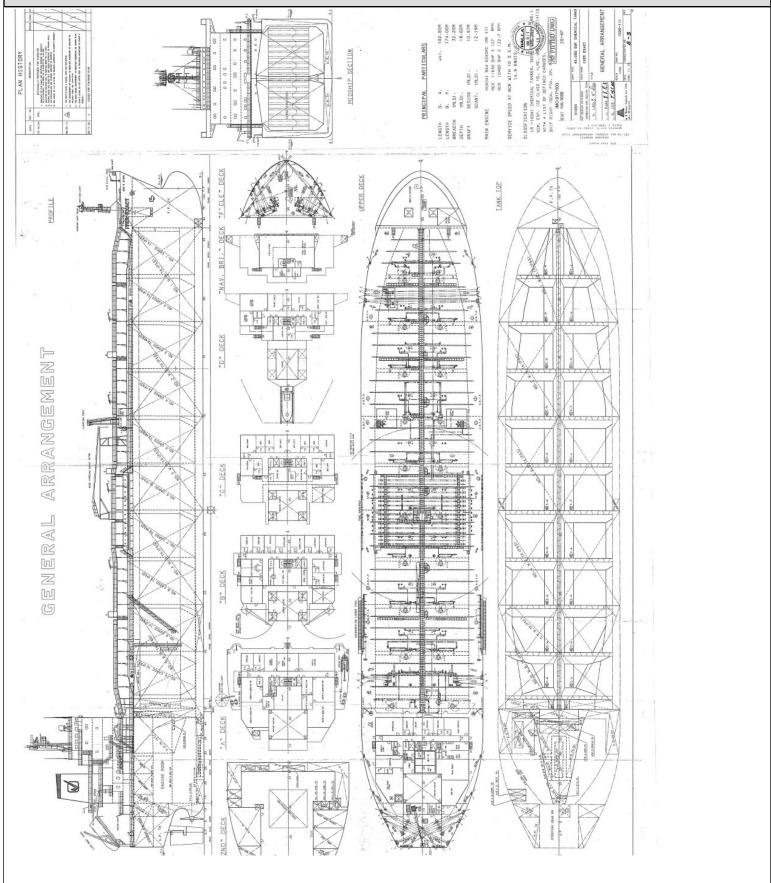
ICS 204 - Assignment List

Incident Name: Morgan's Point Collision

Area Of Operation: Salvage Group - Carla Maersk

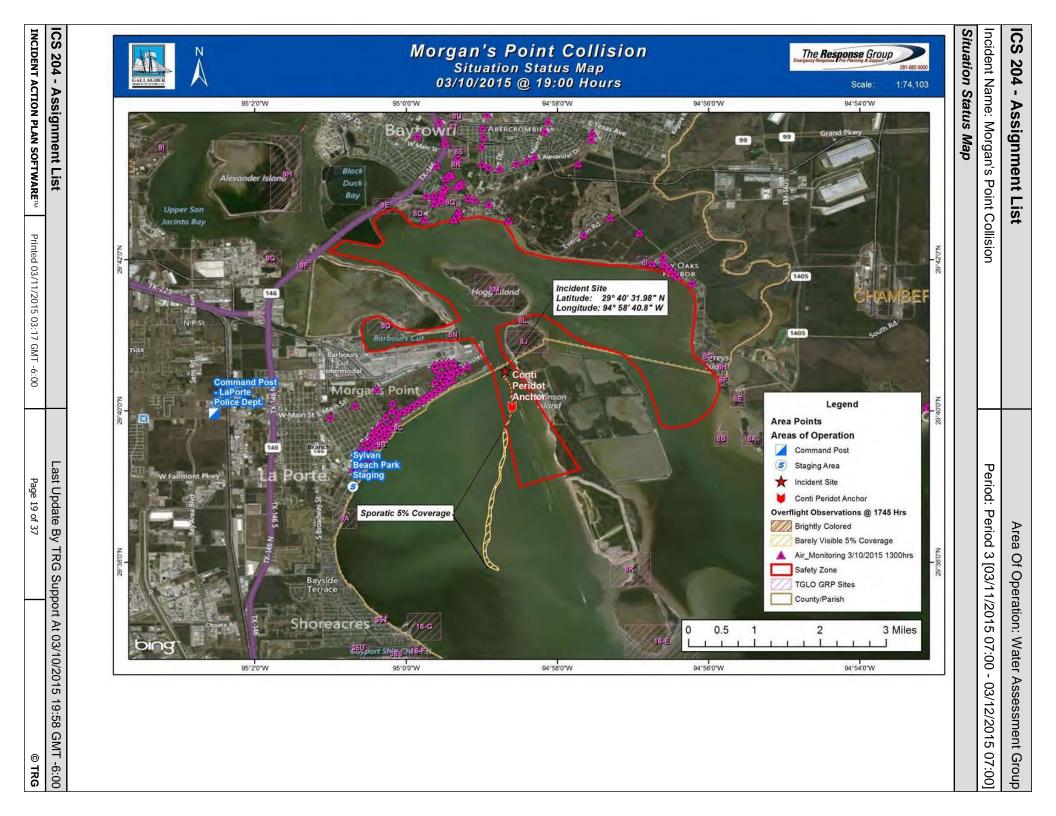
Period: Period 3 [03/11/2015 07:00 - 03/12/2015 07:00]

Schematic

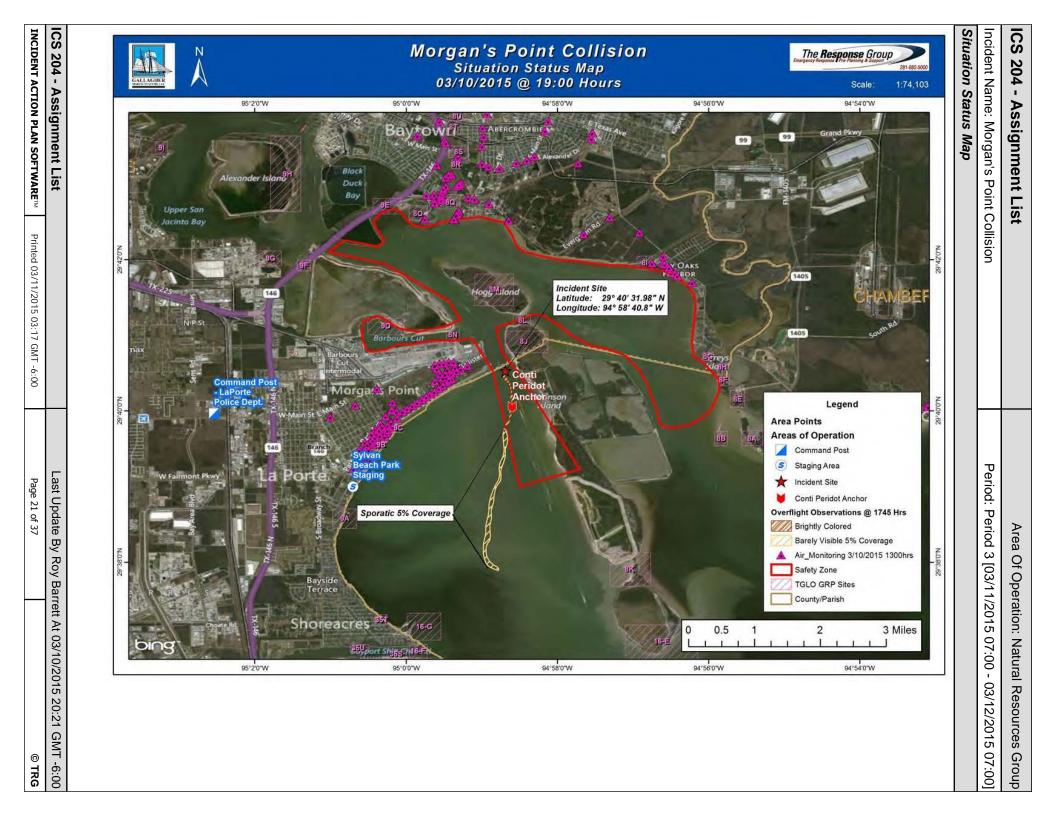


ICS	204 -	Assign	ment	l iet
IUO	ZU4 -	ASSIUII	mment	LISL

CS 204 - Assignment List				Area Of Operation: Water Assessment Group					
Incident Name: Morgan's P	oint Collision	n			Period: Period	I 3 [03/11/201	5 07:00 -	03/12/20	15 07:00]
			Operations	S Person	nnel				
Position	Name		 Affiliation			Contact Nu	mber(s)	Work Si	hift
Operations Section Chief		l	JSCG					Day Shit	ft
Operations Section Deputy			Gallagher Ma	larine				Day Shit	ft
Water Assessment Group Supervisor			US Coast Guard						
			Resources	s Requi	red				
Area Of Operation	Re	esource Type			Description		Q	uantity	Size
Water Assessment Group		anpower: Res			JSCG Spotter		1		
Water Assessment Group	Air	rcraft: Helo	•		JSCG Helo		1		
Water Assessment Group	Ve	essel	Boat		Boat		1		
Water Assessment Group	Ma	anpower: Res	ponder	U	JSCG Spotter		1		
Assignments									
Coordinate with ACOE/Fire found, mark location/broad first light with helo to determine including pictures.	cast location	as necessary	y. Coordinate	te with S e air. Tal	alvage Group to ke GPS points f	remove and	hor. Cond	uct overf	light at
Name / Function Contact Details									
Tactical		83	l Delans						
Tactical	Cm.		ant / Cumpli	liaa Naa	dod for Assign	mont			
Congressionment to find an	<u> </u>	eciai Equipiii	ent/ Suppii	ies nee	ded for Assign	ment			
Sonar equipment to find an	ICHOI	Cnooial	Environmo	ntal Car	nsiderations				
Call 281-470-0000 to repor	t any impact								
Call 201-470-0000 to Tepol	t arry impact				Considerations				
All responders will follow th not limited to: Eye protection Hearing protection Safety shoes Fire Retardant Clothing wh USCG approved PFD in bo	en needed	y Plan (ICS 20	08). Follow s	safe wor			iate PPE	. To inclu	de but
Communication Device/(Ce	ell phone or I	Radios) & Est	ablish comm	nunicatio	on schedule with	n supervisor			
ICS 204 - Assignment Lis	t				Last Update By	TRG Support A	At 03/10/20	15 19:58 (GMT -6:00
INCIDENT ACTION PLAN SOFTWA	RE™ Printe	d 03/11/2015 03:17	7 GMT -6:00		Page 18 of 37				© TRG



ICS 204 - Assignment	List		A	rea Of Ope	ration: Natura	l Resour	ces Group
Incident Name: Morgan's Po	int Collision		Period: Peri	od 3 [03/11	/2015 07:00 -	03/12/20	015 07:00]
		Operations	Personnel				
Position	Name	Affiliation		Contac	t Number(s)	Work S	Shift
Operations Section Chief		USCG				Day Sh	ift
Operations Section Deputy		Gallagher M	arine			Day Sh	ift
Natural Resource Group Supervisor		Texas Parks	and Wildlife				
Protection Task Force Leader		NRC					
Protection Task Force		Horizon Env	ironmental				
		Resources	s Required				
Area Of Operation	Resou	гсе Туре	Description		Q	uantity	Size
Natural Resources Group	Boom		Harbor Boom		30	000	18 - 24 in
Natural Resources Group	Small E	Boat	Small Boat		2		12 - 29 feet
Natural Resources Group	Boat O	perator	Boat Operator	Boat Operator			
Natural Resources Group	Spill Te	ech	Spill Tech	Spill Tech			
Natural Resources Group	Manpo	wer: Supervisor	Manpower: Su	Manpower: Supervisor		1	
Natural Resources Group	Work B	oat	Work Boat		1		30 - 240 feet
		Assigr	nments				
If warranted by aerial overflig	ght, deploy defle	ection boom at pre-id	entified sites as requi	red.			
		Commu	nications				
Name / Function		Contact Details					
		m:					
- Horizon		m:					
		m:					
Natural resources		69					
		Special Environme	ntal Considerations				
Call 281-470-0000 to report	any impacted fi	sh or wildlife observe	d in the field.				
	Sp	ecial Site-Specific	Safety Consideration	ns			
All responders will follow the safe work practices and wea Hard hats Eye protection Safety shoes USCG approved PFD in boa	ır appropriate P	PE. To include but no	ot limited to:	d the Boat	Operations Sa	afety Plai	n. Follow
Communication Device/(Cel	I phone or Radio	os) & Establish comn	nunication schedule w	vith supervi	sor		
ICS 204 - Assignment List			Last Update	By Roy Bai	rrett At 03/10/20	015 20:21	GMT -6:00
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Incident Names NAMES - 1	nt List			Area Of Operation: A	AII IVIOITILOI	ing Groc
ncident Name: Morgan's F	oint Collision		Period: Peri	od 3 [03/11/2015 07:00	- 03/12/20	15 07:0
		Operations	Personnel			
Position	Name	Affiliation		Contact Number(s)	Work S	hift
Operations Section Chief		USCG				ft
Operations Section Deputy		Gallagher M	arine		Day Shi	ft
Monitoring Group Supervisor		СТЕН				
Air Monitoring Task Force Leader		СТЕН				
Air Monitoring Team		USCG				
Air Monitoring Team		USCG				
Air Monitoring Team		US Coast G	uard			
Air Monitoring Team		USCG				
		Resources	s Required			
Area Of Operation	Resourc	е Туре	Description		Quantity	Size
Air Monitoring Group	Safety P	ersonnel	Toxicologist	1		
Air Monitoring Group	Supervis	or	Project Manag	jer 2		
Air Monitoring Group	Manpow	er: Responder	Data Specialis	t 1	1	
Air Monitoring Group	Safety P	ersonnel	Toxicologist	1		
Air Monitoring Group	Safety P	ersonnel	Toxicologist	1		
Air Monitoring Group	Vehicle		Vehicles	1	0	
Air Monitoring Group	Equipme	ent: Safety	MultiRAE	1	0	
Air Monitoring Group	Equipme	ent: Safety	MultiRAE	1	0	
	_	Assigr				
			ıments			
			iments			
ICS 204 - Assignment Lis		2015 03:18 GMT -6:00		By TRG Support At 03/10/2	2015 20:50	GMT -6:

ICS 204 - Assignment ListArea Of Operation: Air Monitoring GroupIncident Name: Morgan's Point CollisionPeriod: Period 3 [03/11/2015 07:00 - 03/12/2015 07:00]

Provide community and worker air monitoring assessment in the area of the release, impacted areas, predicted trajectory of spilled material and areas that have reported odor complaints. Will conduct realtime streaming data and summary reports for Unified Command. MultiRae Systems are placed along Morgans Point, Shoreacres, LaPorte, Baytown, Beach City and results will be synchronized every 15 minutes with continuous data oversight. USCG Strike Team members will conduct night time onwater air monitoring on a contingency basis for 3/10/15. If an approved Salvage Plan is in place before the next operational period (Period 3) begins, one Strike Team member will be available for a 1 hour wake-up call no earlier than 3am on 3/11/15 due to fatigue limits.

USCG Strike Member on stand by for wake up call:

Dayshift

- Team Lead
 - Scientist Work Morgans Point to SHoreacres
- Scientist Work Morgans Point to Laporte
 - Scientist Work LaPorte to Baytown
 - Scientist Work Baytown Area
 - Scientist Work Beach City Area
- Data Manager

USCG - 1 person

Night Shift

- Team Lead
 - Scientist Work Morgans Point to SHoreacres
- Scientist Work Morgans Point to Laporte
 - Scientist Work LaPorte to Baytown
 - Scientist Work Baytown Area
 - Scientist Work Beach City Area

USCG - 1 person

Equipment:

- 10 MultiRae's
- 10 Vehicles
- 10 Handheld Devices
- 5 GasTech Pumps
- 1 Multi Rae Pro (USCG Strike Team)
- 1 Area Rae (USCG Strike Team)

Communications					
Name / Function	Contact Details				
	m:				
	m:				
	Special Environmental Considerations				

Call 281-470-0000 to report any impacted fish or wildlife observed in the field.

ICS 204 - Assignment List		Last Update By TRG Supp	oort At 03/10/2015 20:50 GMT -6:00
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/11/2015 03:18 GMT -6:00	Page 23 of 37	© TRG

Incident Name: Morgan's Point Collision Period: Period: Period 3 [03/11/2015 07:00 - 03/12/2015 07:00]

Special Site-Specific Safety Considerations

All responders will follow the Site Safety Plan (ICS 208). Follow safe work practices and wear appropriate PPE. To include but not limited to:

Community Monitoring:

Eye protection

Safety shoes

Reflective vests/high visibility clothing

Utilize hazard lights on vehicles

On Water Monitoring:

Hard hats

Eye protection

Safety shoes

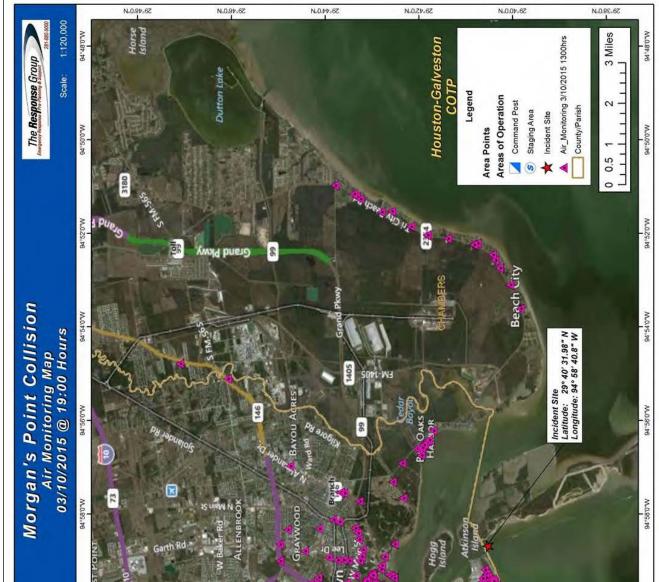
USCG approved PFD in boats and where drowning risk exists

Fire Retardant Clothing

Respiratory protection when needed

Communication Device/(Cell phone or Radios) & Establish communication schedule with supervisor.

Situation Status Map



ICS 204 - Assignment List

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ICS 204 - Assignment List

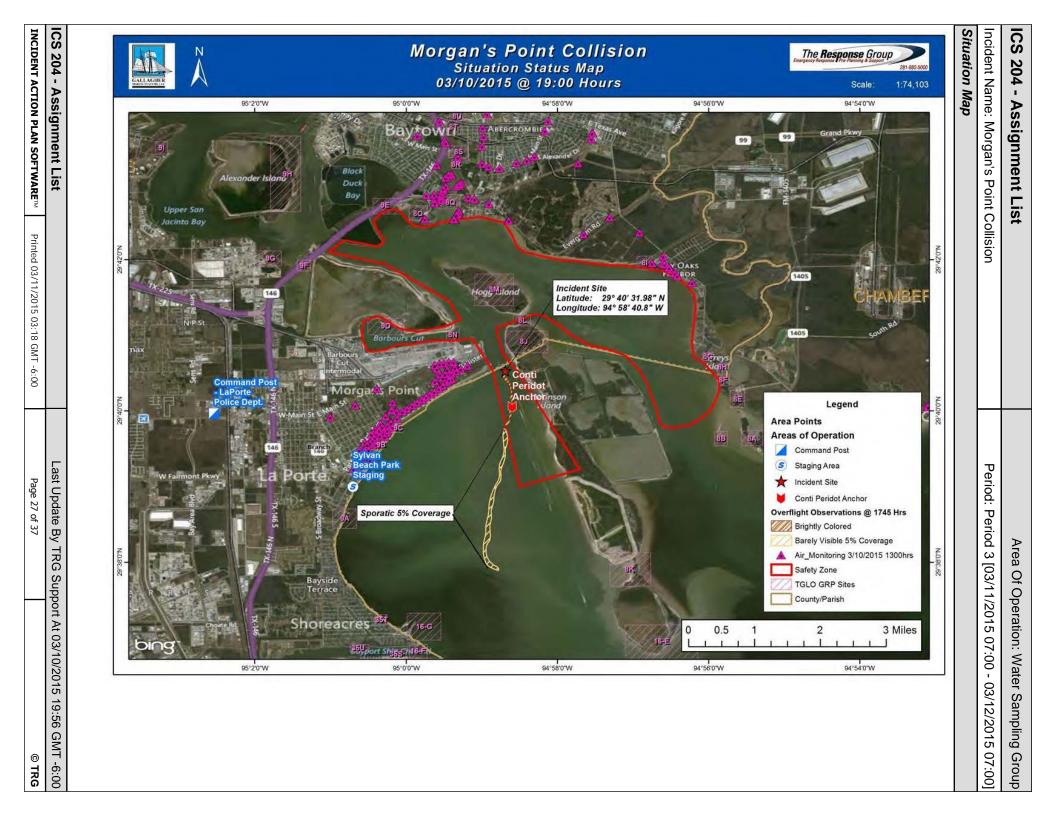
Area Of Operation: Air Monitoring Group

Incident Name: Morgan's Point Collision

Period: Period 3 [03/11/2015 07:00 - 03/12/2015 07:00]



ICS 204 - Assignmer	nt List					P	Area Of O _l	peration: W	ater Samp	oling Group					
Incident Name: Morgan's F	Point Colli	sion				Period: Period	d 3 [03/11	/2015 07:00	0 - 03/12/2	015 07:00]					
				Operations	Pers	onnel									
Position	Name			 Affiliation			Contact	: Number(s) Work	Shift					
Operations Section Chief	ons Section Chief USCG Day								Day Sh	nift					
Operations Section Deputy			C	Gallagher M	arine				Day Sh	Shift					
Water Sampling Group Supervisor			C	CTEH											
				Resources	s Requ	uired	•								
Area Of Operation		Resoul	гсе Туре)		Description	Contact Number(s) Work Shift Day								
Water Sampling Group		Manpov	wer: Resp	ponder		Sampling Speci	alist		2						
Water Sampling Group		Small B	Boat			Small Boat			1						
				Assigi	nment	s									
Deploy 1 team of 2 Sample	ing Specia	alist to co	onduct wa	ater samplir	ng at th	ne identified locat	ion within	the Sampli	ng Analys	is Plan.					
				Commu	nicatio	ons									
Name / Function			Contact	t Details											
Water Assessment			83												
		,	Special I	Environme	ntal C	onsiderations									
Call 281-470-0000 to repo	rt any imp		-												
·						Considerations	;								
USCG approved PFD in being Retardant Clothing Communication Device/(C					nunica	tion schedule wit	h supervis	SOT.							
ICS 204 - Assignment Lis	et .					Last Update By	TRG Supr	oort At 03/10	2015 10-56	S GMT -6:00					
INCIDENT ACTION PLAN SOFTWA	T	rinted 03/11	1/2015 03:18	3 GMT -6:00		Page 26 of 37	o oupp	.510710 00/10/	_0.0 10.00	© TRG					
					<u> </u>	=									



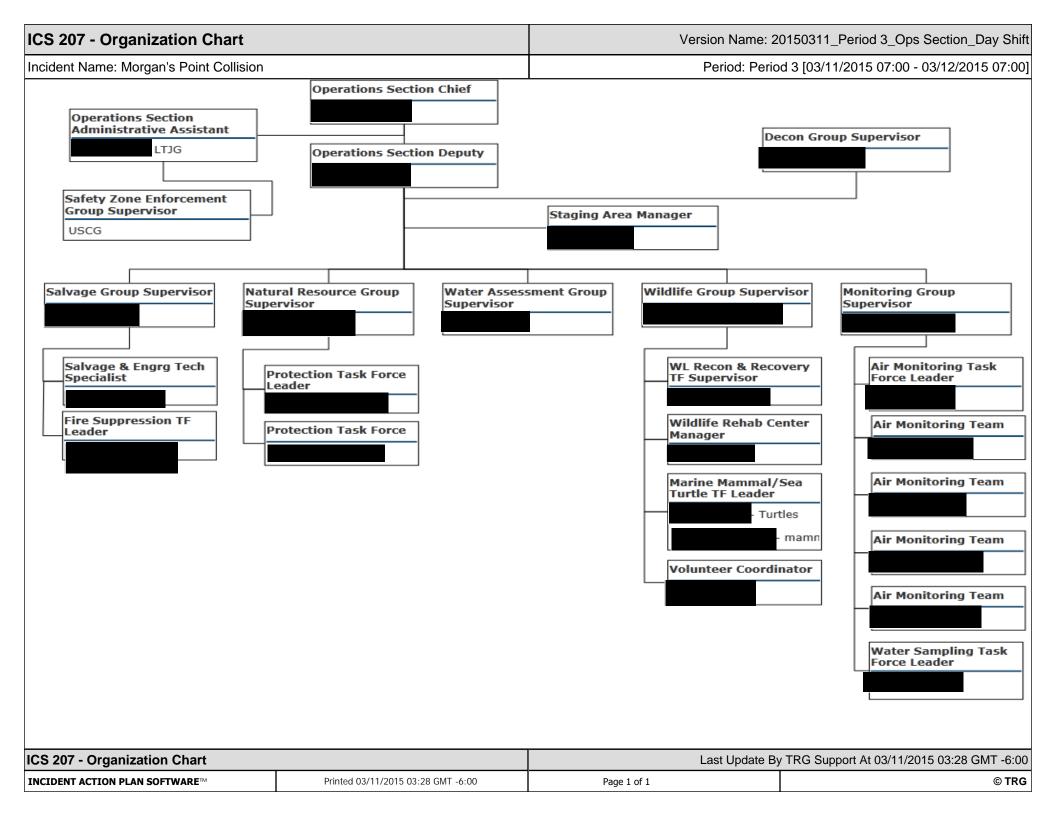
ICS 20)5 - Radio	Communication	าร							Version Name: 03/10/2015 V1
Incident	t Name: Mor	gan's Point Collision						Pe	eriod: Period	3 [03/11/2015 07:00 - 03/12/2015 07:00]
				Radio (Channe	l Info	rmation			
Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N or W	Rx Tone/N		Tx Freq N or W	Tx Tone/NAC	Mode (A, D, or M)	Remarks
83	Water Assessme nt	USCG	Water Assessment Group							Will be used forAerial Surviellance
22	Aerial Assessme nt	981RH Republic - Aerial Assessment	Water Assessment Group							POC see 205a
69	Natural resources	VH Channel 69	Natural Resources Group Decon Group							For water operations (Decon, booming, etc)
Tac 1		Port of Houston Fire Boats	Safety Zone Enforcement Group	800						Port of Houston Fire Tac 1
PHAP D		Port of Houston Police Department	Security Group							Security Patrols/Escorts
320	Salvage	Private VHS Network	Salvage Group - Carla Maersk							Will Monitor Ch. 16 for emergencies but Salvage Ops will use Private VHS Network
21	USCG Rescue	USCG Vessels - Rescue 21 Secure	Safety Zone Enforcement Group							Sector Command to Relay to USCG Vessels Closed Channel (281) 464- 4853
	Salvage	Cell Phone	Salvage Group - Carla Maersk Salvage Group - Cordi Peridot							see 205a
	Wildlife	Cell Phone	Wildlife Group							see 205a
	Air Monitoring		Air Monitoring Group							see 205a
	Decon	Cell Phone	Decon Group							see 205a
	Staging	Cell Phone	Staging Areas							see 205a
	Tactical	Cell Phone	Water Sampling Group							see 205a
		Cell Phone	Command Post - LaPorte Police Dept.							
				Specia	l Radio	Instr	uctions			
100.00	. D. !! C				Г					TDO 0 A LOO MANOCATE CO. CALONET
		mmunications					_		st Update By 1	RG Support At 03/11/2015 00:24 GMT -6:00
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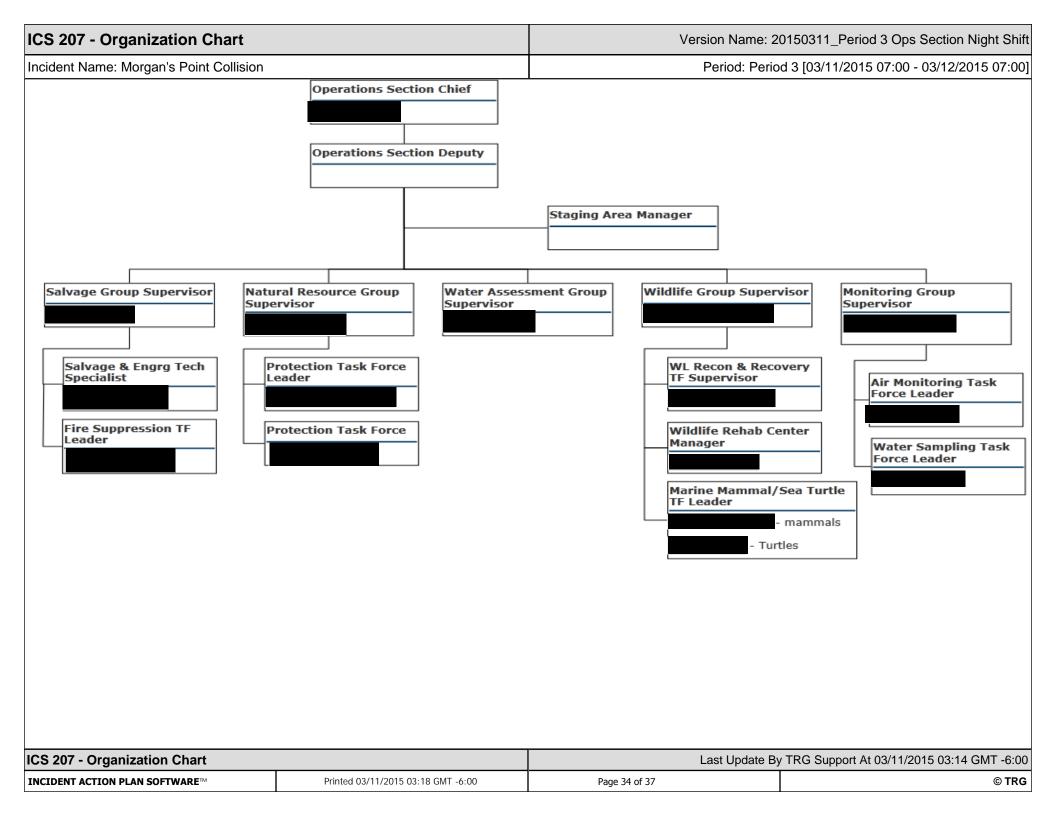
ICS 205a - Commu	nications List					Version Name: 03/10/2015 V1
Incident Name: Mor	gan's Point Collision				Period: Per	iod 3 [03/11/2015 07:00 - 03/12/2015 07:00]
		Local	Communica	ations In	formation	
Name	Incident Assigned Position	Mobile Phone	Work Pho	ne	Email	Notes
- Horizon	Protection TF					
	ICS Specialist				@responsegroupinc.co	
- Tit Salvage	tan Salvage Group					
	Air Monitoring TF Leader (Night)					
	Resource Unit Leader					
USC BM2	G Air Monitoring (Water)					
	Air Monitoring Tech. Director					
- USCG						
	Air Monitoring Safety (Day)					
	Air Monitoring TF Leader (Day)					
	Protection TF Leader					
	Air Monitoring Group					
	Water Sampling TF Leader					
	Salvage & Engrg Tech Specialist					
	Texas Parks and WL Dept					
	Air Monitoring TF (Night)					
	Air Monitoring TF (Day)					
	Incident Commander					
USCG DC2	Air Monitoring (Land)					
	Operations Section Deputy					
	Situation Unit Leader					
	Salvage Group Supervisor					
- USCG						
ICS 205a - Commu	nications List				Last Update By G	Gallagher Marine At 03/10/2015 23:16 GMT -6:00
INCIDENT ACTION PLAN	SOFTWARE™ Prin	ted 03/11/2015 03:18 GMT	-6:00		Page 29 of 37	© TRG

ICS 205a - Communi	cations List				Version Name: 03/10/2015 V1							
Incident Name: Morga	n's Point Collision				Period: Pe	riod 3 [03/11/2015 07:00 - 03/12/2015 07:00]						
	Wildlife Rehab Cent Manager	ter 850-54	19-5891	1								
	Sea Turtles TF Lead	der										
	Operations Section Specialist	IAP			@responsegroupinc.com							
- USCG MST1	Air Monitoring (Land	d)										
	Planning Support				@ responsegroupinc.							
	Water Sampling TF	Leader										
	Air Monitoring TF (N	Night)										
- USCG LTJG	Operations Section Administrative Assis											
	Air Monitoring Safet	ty (Day)										
	Air Monitoring TF (N	Night)										
- USCG	Operations Section	Deputy										
	Planning Section Ch	nief										
	Air Monitoring Data	Manager										
	Safety Officer											
	Air Monitoring TF (N	Night)										
- USCG	Salvage Damage S Team	urvey										
	Salvage & Engrg Te Specialist	ech										
	Salvage & Engrg Te Specialist	ech										
- USCG												
	Wildlife Recovery G Supervisor	roup										
	Wildlife Group Supe	ervisor										
	Logistics Section Ch	nief										
	Federal OSC											
	Air Monitoring TF (D	Day)										
	Finance Section Ch	ief										
ICS 205a - Communic	cations I ist				Last Undate Ry	Gallagher Marine At 03/10/2015 23:16 GMT -6:00						
INCIDENT ACTION PLAN SO		Printed 03/11/20	015 03:18 GMT -6:00		Page 30 of 37	© TRG						

ICS 205a - Communic	cations List					Version Name: 03/10/2015 V1
Incident Name: Morga	n's Point Collision				Period: Perio	od 3 [03/11/2015 07:00 - 03/12/2015 07:00]
	Air Monitoring TF (Night)				
- USCG						
- USCG						
	Air Monitoring TF (Day)				
	Air Monitoring TF (Day)				
USCG BMC	Air Monitoring (Wa	ter)				
	Local Government	OSC				
	Air Monitoring Safe	ety (Night)				
- USCG						
CWO	Water Assessmen	t Group				
	State OSC					
	Logistics Section D	Deputy				
	Environmental Uni	t Leader				
	Salvage Group					
	Air Monitoring TF (Day)				
- USCG						
	Marine Mammals					
PA3	Public Information	Officer				
	Public Information	Officer				
	Planning Section D				@responsegroupinc.com	
USCG -	Operations Section	n Chief				
			A	pproved By		
Logistics Section Ch	nief:					Date:
ICS 205a - Communio	cations List				Last Update By Ga	allagher Marine At 03/10/2015 23:16 GMT -6:00
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ICS 206 - Medical Plan						Vers	ion Name: 03	3/09/2015	19:09:14
Incident Name: Morgan'	s Point Collis	ion			Period: Per	riod 3 [03/11/	2015 07:00 -	03/12/201	5 07:00]
			Medica	l Aid Statio	ns				
Name		Location	on Name			Paramedic On Site	Phone	R	?adio
	Tr	anspor	tation (Ground a	and/or Air A	mbulance	Services)			
Ambulance Service		Location	on		Phone		Radi	io Air	ALS
La Porte City Ambulance	e Service	La Por			`	1) 471-9244		<u> </u>	
Skymed		La Por				1) 842-1415			
Bay Star Ambulance Se		Baytov			,	1) 422-7200			
Enterprise Ambulance -	Baytown	Baytov			Ph1: (28	1) 837-6262			
			Н	lospitals					
Hospital	Location		Phone	Radio	Air Trave Time	el Ground Travel Til		Helipad	Burn Center
Bayshore Medical Center	4000 Spen Hwy Pasadena, 77504 -95.1834 2	TX	Ph1: 713-359- 1000		min	min	II		
Memorial Hermann Texas Medical Center	6411 Fann Houston, T 77030 -95.3968 2	X	Ph1: 713-704- 3700		min	min	II		x
University Of Texas Medical Branch Gal	301 Univer Boulevard Galveston, 77555 -94.7755 2	TX	Ph1: 409-772- 1011		min	min	II		x
San Jacinto Methodist Hospital	4401 Garth Baytown, T 77521 -94.9776 2	X	Ph1: 281-420- 8600		min	min	II		
Christus St John Hospital	18300 St J Drive Nassau Ba 77058 -95.0851 2	y, TX	Ph1: 281-333- 5503		min	min	II		
St Luke's Patients Medical Center	4600 East Houston Pa South Pasadena, 77505 -95.1602 2	arkway TX	Ph1: 281-487- 0700		min	min	II		
Clear Lake Regional Medical Center	500 Medica Center Blvv Webster, T 77598 -95.1276 2	d X	Ph1: 281-332- 2511		min	min	II		
		S	pecial Medical	Emergency	Procedure	s			
ICS 206 - Medical Plan					Last Update	By TRG Supp	ort At 03/10/20)15 21:11 G	MT -6:00
INCIDENT ACTION PLAN SOFT	TWARETM Dri	nted 03/11	/2015 03:18 GMT -6:00		Page 32 of 3	· · ·			© TRG





ICS 2	208 -	Site Safety I	Plan								Version Nam	ne: Site Safety Plan
Incide	nt Nar	ne: Morgan's Po	oint Collision					Period: F	Period	3 [03/	11/2015 07:00 -	- 03/12/2015 07:00]
Applie	s to S	ite: All										
					,	Site Chara	cteriza	tion				
Wate	r		Lan	d				Weather				
Wave	Heigl	nt	Lan	d Use				Air Temp)	55.00) F	
Spee	d							Wind Sp	eed	9.00	mph	
Direc	tion							Direction	ı	NNW	1	
						Site H	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
x		Boat Safety		x		Fire, Explo	osion, lı	n-situ		x	Pump Hose	
x		Chemical Haza	ards	x		Heat Stres	SS		x		Slips, Trips, a	nd Falls
x		Cold Stress		x		Helicopter	r Opera	tions		x	Steam and Ho	ot Water
	x	Confined Space	es	x		Lifting				x	Trenching/Exc	cavation
	x	Drum Handling	I	x		Motor Veh	nicles			x	UV Radiation	
x		Equipment Op	erations	x		Noise			x		Visibility	
	x	Electrical Oper	ations		x	Overhead	/Buried	Utilities	x		Weather	
x		Fatigue		x		Plants/Wil	ldlife		х		Work Near Wa	ater
					-	Air Monito	ring Li	mits		•		
Oxyge	en Lev	el	19.5% 23.5		drogen	Sulfide			N/A	Total F	lydrocarbons	N/A
LEL			1	% Ber	nzene				N/A I	MTBE		50ppm
			•	_	E	Engineerin	ng Cont	rols				
x	Sourc	e of release se	cured		Valve	(s) closed				Energ	gy sources lock	ed/tagged out
x	Site s	ecured			Facilit	y shut dow	/n					
	•			Pers	onal F	Protective	Equipn	nent Requ	ired			
x	Impei	vious suit		x	Flame	resistant o	clothing		x	Eye p	orotection	
	Inner	gloves		x	Hard I	hats			x	Perso	onal flotation	
	Outer	gloves		x	Respi	rators			x	Boots	3	
				Addi	itional	Control M	leasure	s Establis	hed	•		
	Deco	ntamination		x	Illumir	nation				Addit	ional stations e	stablished
	Sanita	ation		x	Medic	al surveilla	nce			Facili	ities provided	
						Work	k Plan					
x	Boom	ning			Excav	ation				Hot w	vork	
	Skimı	ming			Heavy	/ equipmer	nt		x	Appro	opriate permits	used
	Vac ti	rucks			Sorbe	nt pads						
x	Pump	oing			Patch	ing						
						Trai	ning					
X	Verifie regula	ed site workers t atory requiremen	rained per lo	cal/fed	eral	Training Requirem		OSHA HAZ	ZWOF	PER		
	_					-	ization					
Positi	on	Na	me	T	elepho	ne/Radio	Positio	n		Name	e	Telephone/Radio
Incide	nt Cor	nmander					Safety	Officer				
		<u> </u>		<u>, — </u>			-					
ICS 2	08 - Si	te Safety Plan						Last Upda	te By	TRG St	upport At 03/10/2	015 01:56 GMT -6:00
INCIDE	NT ACT	ION PLAN SOFTWAI	RE™ Printed (03/11/201	15 03:18 (GMT -6:00		Page 35	of 37			© TRG

ICS	208 - Site Safet	y Plan			Version Name: Site Safety Plan							
Incid	ent Name: Morgan's	s Point Collision				Period: F	eriod 3	3 [03/11/2015	07:00 -	03/12/2015 07:00]		
	ity Incident mander				Opei Chie	rations Section	on	LCI	OR			
				Emerge	ncy F	Plan						
	Fire Prevention Pl	an		Evacuation Plan								
	Alarm System			First Aid Location	n							
				Notific	ation							
	Facility			Phone		Facility		T		Phone		
x	Hospital	San Jacinto Methodist Hos	pital	(281) 420- 8600	X	Fire		LaPorte Fire Department		(281) 471-3607		
X	Ambulance	LaPorte EMS		911	X	Law Enforceme	nt	LaPorte Poli Department	ce	(281) 471-2141		
x	Air Ambulance	Memorial Hern Life Flight	nann	(713) 704- 4000		Emergency Response/le						
				Initial E	Briefi	ng						
x	Initial safety briefir	ng prepared for e	ach sit									
				Attachments	/App	endices						
Atta	chment			Filename								
MSD	S - MTBE.pdf			MSDS - MTBE.	pdf							
1070 15_0	85-Morgan's Point ⁻ 306.docx	TX HASP 03 10		107085-Morgan	's Po	int TX HASP	03 10	15_0306.doc	х			
				Appro	ved E	Ву						
0-	afety Officer:								Date:			
ICS 2	208 - Site Safety PI	an				Last Upda	te By Ti	RG Support At	03/10/20	015 01:56 GMT -6:00		
	ENT ACTION PLAN SOFT		03/11/201	5 03:18 GMT -6:00		Page 36		I		© TRG		

ICS 220 - A	Air Operations Su	ımmar	У								V	/ersion Name: ICS 22
Incident Nam	e: Morgan's Point Col	lision							Period: Perio	d 3 [03/1	1/2015 07:	00 - 03/12/2015 07:00
	Sunrise		Sun	set					Ready Ale	rt Aircra	ft	
0	3/10/2015 07:37		03/10/20	15 19:26	Me	edivac						
Remarks	s (safety notes, haza	rds, air	operations special	equipment, etc)	Ne	w Incident						
								Tempo	orary Flight F	Restrictio	on Numbe	r
		Perso			Alt	itude	500					
Position	Na	me	Pi	none	Се	nter Point						
Water Assess	sment Group								Freque	encies		
Supervisor					Fre	quency / Fur	nction			AM		FM
						- 981RH F	Republ	ic				
					83							
				Fixed-W	ing A	Aircraft						
FAA N#	Category	M	lake/Model	Base			Availa	able	Start	Rem	narks	
				Helio	copte	ers						
FAA N#	Category	M	lake/Model	Base			Availa	able	Start	Rem	narks	
	Aircraft: Helo	В	ell 206 B	Santa Fe, TX			03/10 07:30)/2015)				
				Task / Missic	on / A	Ssignmer	nt					
Function			ame of Personnel or Conctical Aircraft	Cargo or Instructions	for	Mission S	Start	Fly To			Fly From	
								Incident	Site		Air Statio	n Houston
	Operations Summai	ry	Printed 03/11/2015	03:18 GMT -6:00		Pai	ge 37 of		Last Update By	· TRG Sup	pport At 03/1	0/2015 20:37 GMT -6:0 © TRO

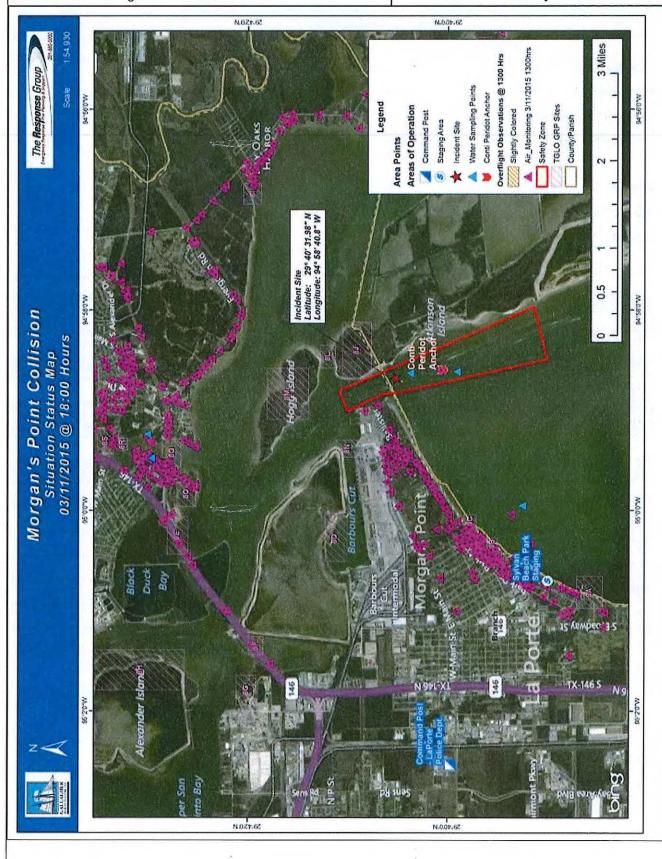
IAP Cover Sheet Version Name: Period 4 IAP Cover Sheet Incident Name: Morgan's Point Collision Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00] Approved By Date: // MARCH 2015 Federal OSC: State OSC: Date: Local Government OSC: Incident Commander: **Incident Action Plan** 20150311_1700_Situation_Status_Map (Large).png Morgan's Point Collision The Response Group Alexander Island Incident Site Latitude; 29° 40′ 31,98° N Longitude; 94° 58′ 40.8° W Areas of Operation Command Post Staging Area Incident Site Water Sampling Points Centi Peridot Ancher Overflight Observations @ 1300 Hrs Slightly Colored Air_Monitoring 3/11/2015 1300hrs Safety Zone TGLO GRP Sites County/Parish 3 Miles 0.5 95'0'0'W Prepared By: TRG Support Last Update By Gallagher Marine At 03/11/2015 19:08 GMT -6:00 **IAP Cover Sheet** INCIDENT ACTION PLAN SOFTWARE™ Printed 03/11/2015 19:08 GMT -6:00 © TRG Page 1 of 1

IAP Cover Sheet	Peport Name	Period: Period 4 [03/12/15 07:00 -	03/13/15 07:00
IAP Cover Sheet			
Weather Report Map/Sketch ICS 202 - Incident Objectives ICS 202a - Command Direction ICS 202b - Critical Information Requirements ICS 204 - Assignment List ICS 205 - Radio Communications ICS 205a - Communications List ICS 206 - Medical Plan ICS 207 - Organization Chart ICS 208 - Site Safety Plan	AP Cover Sheet		Page
Map/Sketch ICS 202 - Incident Objectives ICS 202a - Command Direction ICS 202b - Critical Information Requirements ICS 204 - Assignment List ICS 205 - Radio Communications 2 ICS 205a - Communications List 2 ICS 206 - Medical Plan 2 ICS 207 - Organization Chart 3 ICS 208 - Site Safety Plan 3			1
ICS 202 - Incident Objectives ICS 202a - Command Direction ICS 202b - Critical Information Requirements ICS 204 - Assignment List ICS 205 - Radio Communications ICS 205a - Communications List ICS 206 - Medical Plan ICS 207 - Organization Chart ICS 208 - Site Safety Plan	/eather Report		3
ICS 202a - Command Direction ICS 202b - Critical Information Requirements ICS 204 - Assignment List ICS 205 - Radio Communications ICS 205a - Communications List ICS 206a - Medical Plan ICS 207 - Organization Chart ICS 208 - Site Safety Plan	lap/Sketch		۷
ICS 202b - Critical Information Requirements ICS 204 - Assignment List ICS 205 - Radio Communications ICS 205a - Communications List ICS 206 - Medical Plan ICS 207 - Organization Chart ICS 208 - Site Safety Plan 3	CS 202 - Incident Objectives		5
ICS 204 - Assignment List ICS 205 - Radio Communications ICS 205a - Communications List ICS 206 - Medical Plan ICS 207 - Organization Chart ICS 208 - Site Safety Plan 3	CS 202a - Command Direction		6
ICS 205 - Radio Communications ICS 205a - Communications List ICS 206 - Medical Plan ICS 207 - Organization Chart ICS 208 - Site Safety Plan 3	CS 202b - Critical Information Requirements		7
ICS 205a - Communications List ICS 206 - Medical Plan ICS 207 - Organization Chart ICS 208 - Site Safety Plan 3	CS 204 - Assignment List		8
ICS 206 - Medical Plan ICS 207 - Organization Chart ICS 208 - Site Safety Plan 3	CS 205 - Radio Communications		23
ICS 207 - Organization Chart ICS 208 - Site Safety Plan	CS 205a - Communications List		24
ICS 208 - Site Safety Plan	CS 206 - Medical Plan		28
	CS 207 - Organization Chart		30
ICC 220 Air Operations Summary	CS 208 - Site Safety Plan		32
ics 220 - All Operations Summary	CS 220 - Air Operations Summary		34

Weather Report Version Name: 20150312_0530_Weather_Report Incident Name: Morgan's Point Collision Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00] **Present Conditions** Weather Conditions as of 03/12/2015 04:50 Wind Speed: 8.00 mph Pressure: 30.06 IN Wind Direction (from): N Dew Point: 54.00 Temperature: 55.00 F Feels Like: 55.00 Visibility: 7.00 mi **UV Index:** Current Speed: Wave Height: **Current Direction:** Wave Direction: Water Temperature: Swell Height: Swell Interval: Rain Forecast Date Wind Temp % Sunrise/ Notes Hi/Lo Precip Sunset 9.00 MPH N 63.00 F/F 90.00 Mostly Cloudy with Light Showers Thu 03/12/2015 6.00 MPH NW F/54.00 F 80.00 Mostly Cloudy with Isolated Showers 8.00 MPH W 70.00 F/F 20.00 Partly Cloudy Fri 3.00 MPH F/55.00 F 14.00 Partly Cloudy 03/13/2015 WNW 7.00 MPH NW 72.00 F/F 10.00 Partly Cloudy Sat 03/14/2015 7.00 MPH NW F/55.00 F 10.00 Partly Cloudy Tides **Low Tide** Thursday 03/12/2015 07:41 -0.10 FT **High Tide** Thursday 03/12/2015 18:03 1.10 FT **Low Tide** Friday 03/13/2015 08:43 -0.20 FT **High Tide** Friday 03/13/2015 19:15 1.20 FT Low Tide Saturday 03/14/2015 09:52 -0.20 FT **High Tide** Saturday 03/14/2015 20:05 1.20 FT Weather Report Last Update By TRG Support At 03/12/2015 05:24 GMT -6:00 INCIDENT ACTION PLAN SOFTWARE™ Printed 03/12/2015 06:17 GMT -6:00 Page 3 of 34 © TRG

Incident Name: Morgan's Point Collision

Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00]



Map/Sketch		Last Update By TRG Support At 03/12/2015 05:20 GMT -6:00	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/12/2015 06:17 GMT -6:00	Page 4 of 34	© TRG

ICS 202 - Incident Objectives		Version Name: Period 4 Objective Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:	
Incident Name: Morgan's Point Collision			
	Overall and Strategic	Objectives	
Overall Objectiv	/e	Assigned To	Status
Safety of the public, responders, and the crew			
Continuous air monitoring and map air quality re	eadings	a ^X	
Stop air plume from ship			
Monitor whether MTBE is on the surface, find ar	nd map		
Protect natural resources from surface contamin	nation		
Keep public informed on protective measures			
Continue salvage on Maersk vessel (damage ar	nd cleaning) prior to mo	ving	
Perform assessment and move Maersk vessel to	o lay berth		
Recover and Rehabilitate Injured Wildlife			
- Open the waterway and restore commerce			
Operational Period Command E	mphasis (Safety Mes	sage, Priorities, Key Decisions	/Directions)
	79		
	30		
	71		
	70		
	79 78		
	70 20		
	77) /42		
	77 78		
	70 70		
	77) /**		

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ICS 202a - Command Direction	Version Name: Period 4
Incident Name: Morgan's Point Collision	Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00]
	Priorities
People (Life Safety)	
Incident Stabilization	
Environment (Protection)	
Assets	
Reputation	
Limi	itations and Constraints
 Weather Conditions (Rain & Cloudy) Night Operations (Limited) Location of the Incident Spilled Material Characteristics (monitorin Public Health Community/Media Perception Fatigue management 	ng/PPE requirements)
Key D	Decisions and Procedures
 Name of Incident = Morgan's Point Collision Overall Response Organization - Staffing OSC & Deputy OSC = GMS PSC & Deputy PSC = GMS LSC = GMS FSC = GMS Safety Officer = GMS Public Information Officer = USCG/O Liaison Officer = GMS Environmental Unit Leader = GMS/S 	GMS State/USFW g positions however make sure that agencies are integrated into EEOC 5 0700hrs. to 3/13/15 0700hrs d be approved by UC. t will be coordinated by USCG.
	Approved By
Incident Commander:	Date:
ICS 202a - Command Direction	Last Update By TRG Support At 03/12/2015 05:25 GMT -6:00
INCIDENT ACTION PLAN SOFTWARE™ Printed 03/12/2015 06:17 G	GMT -6:00 Page 6 of 34 © TRG

ICS 202b - Critical Information Requirements	Version Name: Period 4	
Incident Name: Morgan's Point Collision	Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00	

Unified Command Critical Threshold Reporting Criteria

Injury or Death

- OSHA/Greater than 1st Aid through Safety Officer

Significant change of status of the leaking tank

Shoreline Impact

Unplanned VIP visits en-route/planning/arriving

Adverse protest plans or interview requests

Confirmed wildlife impacts

Loss or breach of containment

Change in status of vessel

- * Air monitoring results onshore more than 50 ppm
- st Air monitoring results while afloat greater than 10% LEL while using supplied air

Upon loss of Inert Gas

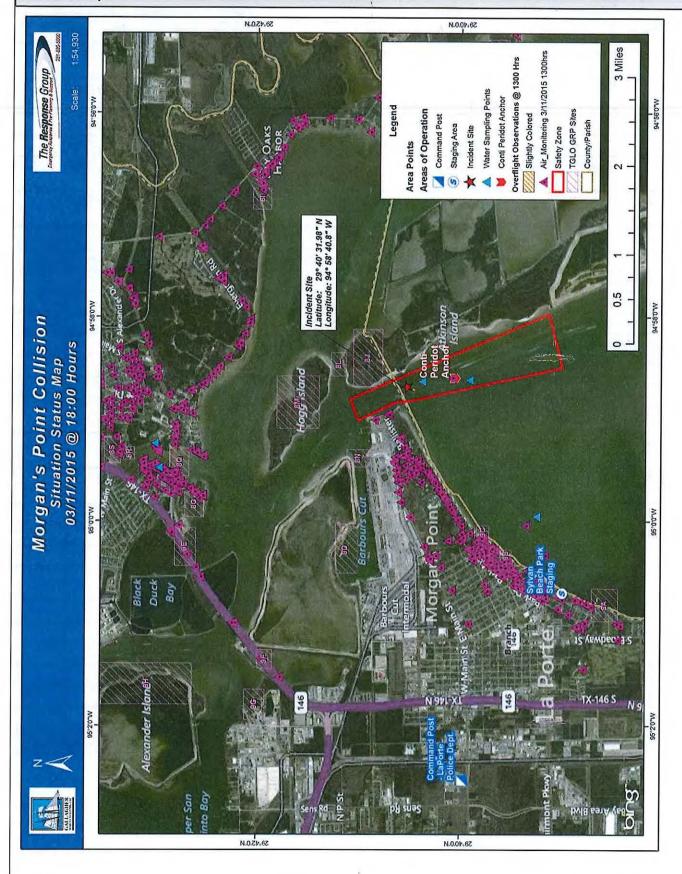
ICS 202b - Critical Information Requirements		Last Update By TRG Support At 03/12/2015 05:26 GMT -6:00	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/12/2015 06:17 GMT -6:00	Page 7 of 34	© TRG

	t List			Area Of Operation: Water	Assessm	ent Grou
Incident Name: Morgan's P	oint Collision		Period: Pe	eriod 4 [03/12/2015 07:00 -	03/13/20	15 07:00
		Operation	ons Personnel			
Position	Name	Affiliation Contact Number		Contact Number(s)	Work S	hift
Operations Section Chief	Bullio C Hodores	U.S. Coast Guard			Day Shift	
Operations Section Deputy		U.S. Coa	Day Shi	ft		
Operations Section Deputy		Gallagher Marine				ft
Water Assessment Group Supervisor		U.S. Coa	st Guard		Day Shi	ft
		Resour	ces Required			
Area Of Operation	Reso	ource Type	Description	a	uantity	Size
Water Assessment Group	Man	oower: Responder	USCG Spott	er 1		
Water Assessment Group	Aircr	aft: Helo	Helo	1		
		Ass	ignments			
Conduct overflights with he trailing edge of slick period				the air. Take GPS points	for leadin	g and
		Comm	nunications			
Name / Function		Contact Details				
Tactical		83				
Aerial Assessment		22a				
Aerial Assessment		16				
		Special Environi	nental Consideration	s		
Call 281-470-0000 to repor	t any impacted			s		
Call 281-470-0000 to repor		fish or wildlife obse				
All responders will follow th not limited to: Eye protection		fish or wildlife obse Special Site-Specif	rved in the field. ic Safety Consideration	ons	. To inclu	de but
Call 281-470-0000 to report All responders will follow the not limited to: Eye protection Hearing protection Safety shoes Fire Retardant Clothing who used approved PFD in both	e Site Safety F	fish or wildlife obse Special Site-Special Plan (ICS 208). Follo	rved in the field. ic Safety Consideration w safe work practices a	ons	. To inclu	de but
All responders will follow th not limited to: Eye protection Hearing protection Safety shoes Fire Retardant Clothing who	e Site Safety F en needed ats and where	fish or wildlife obse Special Site-Special Plan (ICS 208). Follo a risk of drowning e	rved in the field. ic Safety Consideration w safe work practices a	ons and wear appropriate PPE	. To inclu	de but
All responders will follow th not limited to: Eye protection Hearing protection Safety shoes Fire Retardant Clothing who uscale approved PFD in bo	e Site Safety F en needed ats and where	fish or wildlife obse Special Site-Special Plan (ICS 208). Follo a risk of drowning e	rved in the field. ic Safety Consideration w safe work practices a	ons and wear appropriate PPE	. To inclu	de but
All responders will follow th not limited to: Eye protection Hearing protection Safety shoes Fire Retardant Clothing who USCG approved PFD in bo	e Site Safety F en needed ats and where	fish or wildlife obse Special Site-Special Plan (ICS 208). Follo a risk of drowning e	rved in the field. ic Safety Consideration w safe work practices a	ons and wear appropriate PPE	i. To inclu	de but
All responders will follow th not limited to: Eye protection Hearing protection Safety shoes Fire Retardant Clothing who USCG approved PFD in bo	e Site Safety F en needed ats and where	fish or wildlife obse Special Site-Special Plan (ICS 208). Follo a risk of drowning e	rved in the field. ic Safety Consideration w safe work practices a	ons and wear appropriate PPE	. To inclu	de but
All responders will follow th not limited to: Eye protection Hearing protection Safety shoes Fire Retardant Clothing who USCG approved PFD in bo	e Site Safety F en needed ats and where	fish or wildlife obse Special Site-Special Plan (ICS 208). Follo a risk of drowning e	rved in the field. ic Safety Consideration w safe work practices a	ons and wear appropriate PPE	. To inclu	de but
All responders will follow th not limited to: Eye protection Hearing protection Safety shoes Fire Retardant Clothing who USCG approved PFD in bo	e Site Safety F en needed ats and where	fish or wildlife obse Special Site-Special Plan (ICS 208). Follo a risk of drowning e	rved in the field. ic Safety Consideration w safe work practices a	ons and wear appropriate PPE	. To inclu	de but
All responders will follow th not limited to: Eye protection Hearing protection Safety shoes Fire Retardant Clothing who USCG approved PFD in bo	e Site Safety F en needed ats and where	fish or wildlife obse Special Site-Special Plan (ICS 208). Follo a risk of drowning e	rved in the field. ic Safety Consideration w safe work practices a xists mmunication schedule	ons and wear appropriate PPE		

Incident Name: Morgan's Point Collision

Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00]

Situation Map



ICS 204 - Assignment	List			Area Of	Operation: Salvage	Group - Ca	rla Maer
Incident Name: Morgan's P	oint Coll	lision		Period: Perio	d 4 [03/12/2015 07:0	00 - 03/13/20	015 07:0
			Operations Po	ersonnel			
Position	Name Affiliation			Contact Number		Shift	
Operations Section Chief		Į	J.S. Coast Gua	rd		Day Sh	ift
Operations Section Deputy	U.S. Coast		J.S. Coast Gua	ard		Day Sh	ift
Operations Section Deputy	Gallagher N		Gallagher Marii	ne		Day Sh	ift
Salvage Project Manager	Svitzer Sa		Svitzer Salvage			Day Sh	ift
Salvage Master		5	Svitzer Salvage			Day Sh	ift
Fire Suppression TF Leader			ES			Day Sh	ift
Salvage Group - Asst Safety Officer		L	J.S. Coast Gua	ard		Day Sh	ift
			Resources R	equired			
Area Of Operation		Resource Type		Description		Quantity	Size
Salvage Group - Carla Mae	rsk	Deck Barge		Deck Barge		1 each	
Salvage Group - Carla Mae	rsk	Tug		Tug		3 each	
Salvage Group - Carla Mae	rsk	Vessel Crew		Vessel Crew		12 each	
Salvage Group - Carla Mae	rsk	Manpower: Supe	ervisor	Project Manage	er	1 each	
Salvage Group - Carla Mae	rsk	Diver		Diver		5 each	
Salvage Group - Carla Mae	rsk	Salvage Master		Salvage Master		2 each	
Salvage Group - Carla Mae		Miscellaneous			olberg 1X3 2015	9 each	
Salvage Group - Carla Mae	rsk	Miscellaneous		Foam Totes (So EPA)	Foam Totes (Solberg 1X3 2015		
Salvage Group - Carla Mae	rsk	ROV - Remotely Vehicle	Operated	ROV - Remotel	ROV - Remotely Operated Vehicle		
Salvage Group - Carla Mae	rsk	Diving Equipmen	nt	Dive Spread		1 each	
Salvage Group - Carla Mae	rsk	Dive Support Bo	at	Dive Support B	oat	1 each	
Salvage Group - Carla Mae	rsk	Pumps		. 2000 GPM		1 each	
Salvage Group - Carla Mae	rsk	Miscellaneous		Foam Totes (Solberg 1X3 2015 EPA)		9 each	
Salvage Group - Carla Mae	rsk	Pumps		2000 GPM		1 each	
Salvage Group - Carla Mae	rsk	Fire Fighters		IES Techs		4 each	
Salvage Group - Carla M	aersk	Fire Fighters		IES Techs	IES Techs		
Salvage Group - Carla M	aersk	Fire Boat		Port of Houston	Authority Fire Boat	1 each	
Salvage Group - Carla Mae	rsk	Push Boat		Push Boat		1	
Salvage Group - Carla Mae	rsk	Air Compressor		Wildon Air Pum	р	1	
			Assignme	ents			

ICS 204 - Assignment List

Area Of Operation: Salvage Group - Carla Maersk

Incident Name: Morgan's Point Collision

Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00]

If needed, use 4 IES techs to apply foam (Solberg 1X3 2015 EPA) for vapor suppression/control as vessel transit begins. If vapor suppression is successful, apply tarp to damaged area and reconvene for next phase. Pending 3/11 operations the following options will be considered for vessel transit.

- 1. Pumps will be in place if its necessary to spray inhibitor.
- 2. Utilize three tugs to transit the vessel to Barbers Cut.
- 3. Stage a stand by tug at the vessel overnight.
- 4. Maintain barge and push boat onsite with all salvage equipment.

Personnel Resources: 1 Project Manager, 2 Shore Coordinator, 4 Fire Team Members, 3 Salvage Team Members, Equiqment Resources: 3 - 6300 HP 75 Metric Ton Tug Boats, 12 - Tug Crew, 2000 gpm pumps, 3500 gpm pumps, Miko Magnets, Tarpaulines

	Communications
Name / Function	Contact Details
	m:
	m:
- Titan Salvage	m:
	m:
	m:
	m:
- USCG	m:
	m:
Salvage	320
USCG Rescue	21
	800 / Tac 1
Aerial Assessment	22
	Special Environmental Considerations

Call 281-470-0000 to report any impacted fish or wildlife observed in the field.

Special Site-Specific Safety Considerations

All responders will follow the Site Safety Plan (ICS 208). Follow safe work practices and wear appropriate PPE as detailed in the Site Safety Plan, Salvage Plan and Transit Plan. To include but not limited to:

Hard hats

Eye protection

Hearing protection

Safety shoes

Fire Retardant Clothing

Chemical suits when required

Chemical gloves when required

Respiratory protection when required

USCG approved PFD in boats and where a risk of drowning exists

Fall protection when required

Communication Device/(Cell phone or Radios) & Establish communication schedule with supervisor.

ICS 204 - Assignment List		Last Update By TRG Support At 03/12/2015 06:05 GMT -6	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/12/2015 06:17 GMT -6:00	Page 11 of 34	© TRG

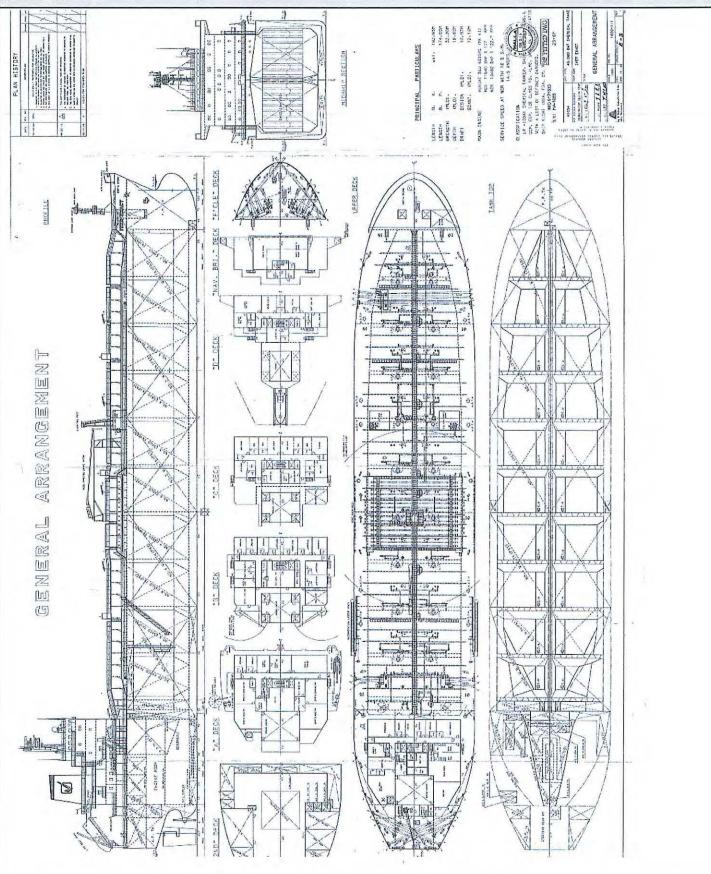
ICS 204 - Assignment List

Area Of Operation: Salvage Group - Carla Maersk

Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00]

Incident Name: Morgan's Point Collision

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)15 06:05 GMT -6:00	Last Update By TRG Support At 03/1		ICS 204 - Assignment List
© TRG	Page 12 of 34	Printed 03/12/2015 06:17 GMT -6:00	INCIDENT ACTION PLAN SOFTWARE™
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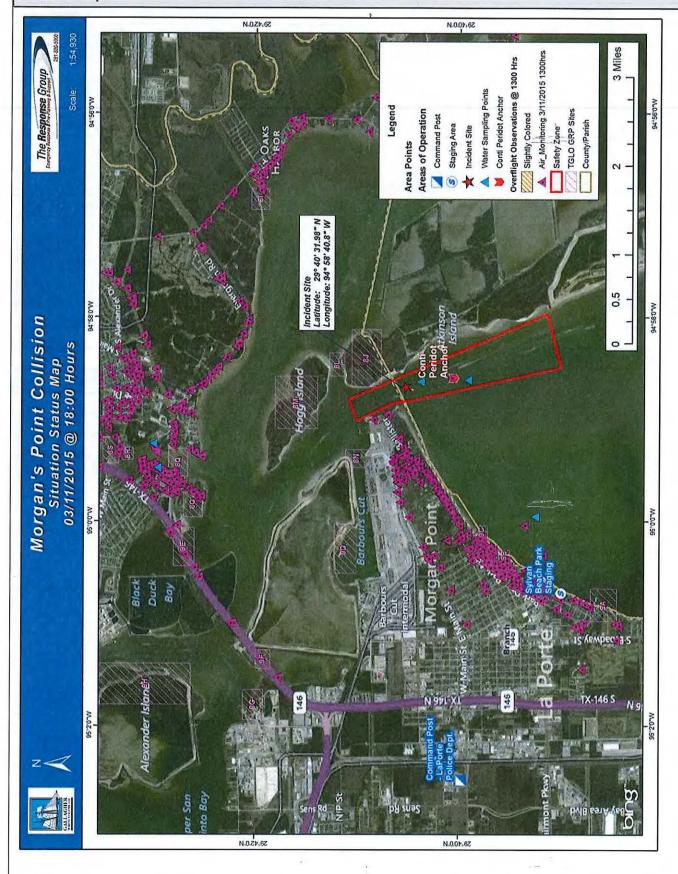
	nt List		Area Of	Operation: Safety Zone I	Enforceme	ent Grou
Incident Name: Morgan's I	Point Collision	1	Period: Per	iod 4 [03/12/2015 07:00 -	03/13/20	15 07:0
		Operations F				
Position	Name	Affiliation		Contact Number(s)	Work S	hift
Operations Section Chief		U.S. Coast Gu	ard		Day Shi	ft
Operations Section Deputy		U.S. Coast Gu	ard		Day Shi	ft
Operations Section Deputy	Gallag		ne		Day Shi	ft
Safety Zone Enforcement Group Supervisor		Port of Housto	n Authorities		Day Shir	ft
		Resources F				
Area Of Operation		source Type	Description		uantity	Size
Safety Zone North	Ves	ssel	Vessel	2		
	2. 9 (2. 1)	Assignm				
Maintain safety zone boun	daries of the i	mpacted area as required b				
		Communic	ations			
Name / Function		Contact Details				
Water Assessment		83				
Aerial Assessment		22				
USCG Rescue		21				
		Special Environmenta	al Considerations			
Call 281-470-0000 to repo	rt any impacte	ed fish or wildlife observed i				
Call 281-470-0000 to repo	rt any impacte					
Call 281-470-0000 to repo	rt any impacte					
Call 281-470-0000 to repo	rt any impacte					
CS 204 - Assignment Lis			n the field.	By TRG Support At 03/11/20	15 10:20 6	SMT_6:00

ICS 204 - Assignmen	nt List		1	Area Of Oper	ation: Wild	llife Grou
Incident Name: Morgan's	Point Collision		Period: Period	4 [03/12/2015 07:00	- 03/13/20	015 07:00
		Operations	Personnel			
Position	Name	Affiliation Contact N		Contact Number(s		
Operations Section Chief		U.S. Coast G	uard		Day Sh	ift
Operations Section Deputy		U.S. Coast G	uard		Day Sh	ift -
Operations Section Deputy		Gallagher Ma	arinė		Day Sh	ift
Wildlife Group Supervisor		Wildlife Resp	onse Services LLC		Day Sh	ift
		Resources	Required			
Area Of Operation	Resour	се Туре	Description		Quantity	Size
Wildlife Group	Manpov	ver: Supervisor	Group Supervis	or	1	
Wildlife Group		Specialist	Wildlife Speciali	sts	3	
Wildlife Group	Wildlife		- Wildlife Trailer		1	
Wildlife Group	Small B	oat	Small Boat		1	14 - 29 feet
Wildlife Group	Boat Op	perator	Boat Operator		1	
	A said week	Assign	ments			
Activate Wildlife Response	e Services to recov					
Notivate viname reopons		Special Environmen				
Call 001 470 0000 to your		• • • • • • • • • • • • • • • • • • • •				
Call 281-470-0000 to repo			The state of the s			
Activities and the second of t			Safety Considerations			-
All responders will follow t	he Site Safety Plai	i (ICS 208). Follow sa	ate work practices and	wear appropriate PP	E.	
			3)			
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	in T					
CS 204 - Assignment Li	st	/2015 06:17 GMT -6:00	Last Update By	TRG Support At 03/11/2	2015 19:40	GMT -6:0 © TR

Incident Name: Morgan's Point Collision

Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00]

Situation Map



ICS 204 - Assignment List		Last Update By TRG Support At 03/11/2015 19:40 GMT -	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/12/2015 06:17 GMT -6:00	Page 15 of 34	© TRG

ICS 204 - Assignmen	t List		Area	a Of Operation: Wildlife	Recon T	ask For
ncident Name: Morgan's F	oint Collision		Period: Period	d 4 [03/12/2015 07:00 ·	- 03/13/20	015 07:0
		Operations	Personnel			
Position	Name	Affiliation		Contact Number(s)	Work S	Shift
Operations Section Chief		U.S. Coast Guard			Day Sh	ift
Operations Section Deputy		U.S. Coast G	uard		Day Sh	ift
Operations Section Deputy		Gallagher Ma	rine		Day Sh	ift
Wildlife Group Supervisor		Wildlife Response Services LLC			Day Sh	ift
WL Recon & Recovery TF Supervisor		Texas Parks				
		Resources				
Area Of Operation		ource Type	Description		uantity	Size
Wildlife Recon Task Force	Manp	ower: Supervisor	Group Supervise	or 1		
		Assign				
Texas Parks and Wildlife D	ept will conduc			stabilize for transportat	tion.	
		Commun	ications			
Name / Function		Contact Details				
		m:				
	Chaol	m:	as Nooded for Assign	t		
Danart to Command post t		al Equipment / Supplie	es Needed for Assign	iment		
Report to Command post to	receive bauge	Special Environmen	tal Considerations		-	
Call 281-470-0000 to repor	t any impacted					
Call 201-470-0000 to Tepol		Special Site-Specific S				
All responders will follow th not limited to: Eye protection Safety Shoes USCG approved PFD in bo			are work practices and	wear appropriate PPE	. TO INCIL	ide but
Communication Device/(Ce	ell phone or Rac	dios) & Establish comm	unication schedule wit	h supervisor.		
			4			
			4			
			3			
ICS 204 - Assignment Lis			Last Update By Gall	lagher Marine At 03/11/20	015 10:21	GMT -6:

ICS 204 - Assignment	List		Are	ea Of Operation: Wildlife	Rehab Ta	sk Force
Incident Name: Morgan's Poi	nt Collision		Period: Perio	od 4 [03/12/2015 07:00	- 03/13/20	15 07:00
		Operations		04 1 [05/12/2010 07/00	00/10/20	10 07.00]
Position \	lame	Affiliation		Contact Number(s)	Work Sh	nift
Operations Section Chief	\$ (C.S. L. W.)(444.7)	U.S. Coast G	iuard		Day Shift	
Operations Section Deputy		U.S. Coast G	iuard			
Operations Section Deputy		Gallagher Ma	arine		Day Shift	t
Wildlife Group Supervisor		Wildlife Resp	onse Services LLC		Day Shift	ť
		Resources	Required			
Area Of Operation	Resou	rce Type	Description	a	uantity	Size
Wildlife Rehab Task Force	Manpo	wer: Supervisor	Group Supervi	isor 1		
		Assign	ments			
Wildlife Response Services w Rehab Center is on stand-by	vill transport red at WRS Bayto	covered impacted wild	dlife and rehabilitate a	as needed.		
		Commun	ications			
Name / Function		Contact Details				
		m				
	Special		es Needed for Assis	nment	288	
Report to Command post to r	U.S. Coast Guard Day Shift Gallagher Marine Wildlife Response Services LLC Day Shift Resources Required Resource Type Description Guantity Size Force Manpower: Supervisor Group Supervisor 1 Assignments Pervices will transport recovered impacted wildlife and rehabilitate as needed. Stand-by at WRS Baytown Rehabilitation Center on Decker Rd. Communications Contact Details					
Troport to Command poor to 1		The state of the s	ital Considerations			
Call 281-470-0000 to report a						
		COLUMN TO THE REAL PROPERTY AND ADDRESS.		19		
not limited to: Eye protection Safety Shoes	s and where dr	rowning risk exists.			. To includ	le but
		1				
		1				
ICS 204 - Assignment List			Last Undate By Ga	allagher Marine At 03/11/20)15 10·22 G	MT -6:00
INCIDENT ACTION PLAN SOFTWARE	Printed 03/12	2/2015 06:17 GMT -6:00	Page 17 of 34		L O	© TRG

ICS 204 - Assignmer	II LISI					The second second	
ncident Name: Morgan's	Point Co	Ilision			od 4 [03/12/2015 07:	00 - 03/13/2	015 07:0
			Operations	Personnel			
Position	Name Affiliation			Contact Number	(s) Work	Shift	
Operations Section Chief		U.S. Coast 0		iuard		Day Sh	nift
Operations Section Deputy		U.S. Coast C				Day Sh	
Operations Section Deputy	A	Gallagher Ma			- 2	Day Si	
Wildlife Group Supervisor				onse Services LLC		Day Sh	nift
Marine Mammal TF Leader				oonse Services LLC			
Sea Turtle TF Leader			Wildlife Resp	onse Services LLC			
			Resources	Required			
Area Of Operation		Resource T	ype	Description		Quantity	Size
Marine Mammal/Sea Turtl Leader	le TF	Manpower: S	Supervisor	Group Supervi	sor	2	
Marine Mammal/Sea Turtl Leader	le TF	Small Boat		Small Boat		1	14 - 29 feet
Marine Mammal/Sea Turtl Leader	le TF	Boat Operato	or	Boat Operator		1	
Marine Mammal/Sea Turtl Leader	le TF	Marine Mammal/Sea Turtle TF UTV		UTV		1	
Conduct recon, recovery a	and reha	bilitation of imp	Assign		on Lab		
Sea Turtles: Conduct recon, recovery a Marine Mammals: Conduct recon, recovery a			acted sea turtles	s. Located in Galvesto ammals. Located in G			
Conduct recon, recovery a Marine Mammals:		bilitation of imp	acted sea turtles	s. Located in Galvesto ammals. Located in G			
Conduct recon, recovery a Marine Mammals: Conduct recon, recovery a		bilitation of imp	acted sea turtles acted marine ma Commun	s. Located in Galvesto ammals. Located in G			
Conduct recon, recovery a Marine Mammals: Conduct recon, recovery a		bilitation of imp	acted sea turtles acted marine ma Commun tact Details	s. Located in Galvesto ammals. Located in G	Galveston Lab		
Conduct recon, recovery a Marine Mammals: Conduct recon, recovery a Name / Function	and reha	Con m m m m Special Equi	acted sea turtles acted marine ma Commun tact Details	s. Located in Galvesto ammals. Located in G iications	Galveston Lab		
Conduct recon, recovery a Marine Mammals: Conduct recon, recovery a Name / Function	and reha	Con m m m m Special Equi	acted sea turtles acted marine ma Commun tact Details pment / Supplie structions.	s. Located in Galvesto ammals. Located in G iications	Galveston Lab		
Conduct recon, recovery a Marine Mammals: Conduct recon, recovery a Name / Function Report to Command post	and reha	bilitation of important bilitation bilitation of important bilitation bi	acted sea turtles acted marine ma Commun tact Details pment / Supplie structions. ial Environmen	s. Located in Galveston ammals. Located in Galvestons es Needed for Assignatal Considerations	Galveston Lab		
Conduct recon, recovery a Marine Mammals: Conduct recon, recovery a	and reha	Con m m m Special Equipee badge and in Special Equiper badge and in	acted sea turtles acted marine ma Commun tact Details pment / Supplie structions. ial Environmen	s. Located in Galveston ammals. Located in Galvestons es Needed for Assignatal Considerations	alveston Lab		
Conduct recon, recovery a Marine Mammals: Conduct recon, recovery a Name / Function Report to Command post Call 281-470-0000 to repo All responders will follow to limited to: Eye protection Safety Shoes USCG approved PFD in b	to receive the Site South	Con m m m m Special Equi e badge and in Spec special Safety Plan (ICS	acted sea turtles acted marine ma Commun tact Details pment / Supplie structions. ial Environmen wildlife observed Site-Specific S 5 208). Follow sa	s. Located in Galveston ammals. Located in Galveston ications es Needed for Assignatal Considerations d in the field. Gafety Consideration afe work practices an	anment s d wear appropriate I	PPE. To incl	ude but
Conduct recon, recovery a Marine Mammals: Conduct recon, recovery a Name / Function Report to Command post Call 281-470-0000 to repo All responders will follow to limited to: Eye protection Safety Shoes USCG approved PFD in b	to receive the Site South	Con m m m m Special Equi e badge and in Spec special Safety Plan (ICS	acted sea turtles acted marine ma Commun tact Details pment / Supplie structions. ial Environmen wildlife observed Site-Specific S 5 208). Follow sa	s. Located in Galveston ammals. Located in Galveston ications es Needed for Assignatal Considerations d in the field. Gafety Consideration afe work practices an	anment s d wear appropriate I	PPE. To incl	ude but
Conduct recon, recovery a Marine Mammals: Conduct recon, recovery a Name / Function Report to Command post Call 281-470-0000 to repo All responders will follow to limited to: Eye protection Safety Shoes	to receive the Site Soats and cell phone	Con m m m m Special Equi e badge and in Spec special Safety Plan (ICS	acted sea turtles acted marine ma Commun tact Details pment / Supplie structions. ial Environmen wildlife observed Site-Specific S 5 208). Follow sa	s. Located in Galveston ammals. Located in Galvestons es Needed for Assignatal Considerations din the field. Gafety Consideration afe work practices an ammunication schedule with the schedul	anment s d wear appropriate I		

ICS 204 - Assignment List Area Of Operation: Water Sampling Group Incident Name: Morgan's Point Collision Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00] **Operations Personnel** Name Position Affiliation Contact Number(s) Work Shift Operations Section Chief U.S. Coast Guard Day Shift Operations Section U.S. Coast Guard Day Shift Deputy Operations Section Gallagher Marine Day Shift Deputy Water Sampling Group CTEH Day Shift Supervisor Resources Required Area Of Operation Resource Type Description Quantity Size Water Sampling Group Manpower: Responder Sampling Specialist Water Sampling Group Small Boat Small Boat **Assignments** Continue water sampling with 1 team of 2 Sampling Specialist at the identified locations within the Sampling Analysis Plan. Team #1 -Team Leader - Scientist Boat Operator - NRC Equipment: 1 Small Boat 1 MultiRAE Water Quality Equipment 2 Handheld Devices Communications Name / Function Contact Details Water Assessment 83 Special Environmental Considerations Call 281-470-0000 to report any impacted fish or wildlife observed in the field. Special Site-Specific Safety Considerations All responders will follow the Site Safety Plan (ICS 208). Follow safe work practices and wear appropriate PPE. To include but not limited to: Eye protection Safety Shoes USCG approved PFD in boats and where drowning risk exists. Fire Retardant Clothing Communication Device/(Cell phone or Radios) & Establish communication schedule with supervisor. Last Update By TRG Support At 03/11/2015 19:41 GMT -6:00 ICS 204 - Assignment List INCIDENT ACTION PLAN SOFTWARE™ Printed 03/12/2015 06:17 GMT -6:00 Page 19 of 34 © TRG

ICS 204 - Assignment L	_ist		i		Area Of Operation	: Air Monito	ring Grou
Incident Name: Morgan's Poir	nt Collision		1	Period: Period	4 [03/12/2015 07:	00 - 03/13/2	015 07:00
		Operation	s Personn	iel			
Position N	ame	Affiliation			Contact Number	(s) Work S	Shift
Operations Section Chief		U.S. Coast Guard				Day Sh	ift
Operations Section Deputy		U.S. Coast	Guard			Day Sh	ift
Operations Section Deputy		Gallagher N	Marine			Day Sh	ift
Monitoring Group Supervisor	CTEH					Day Sh	ift
Air Monitoring Task Force Leader		CTEH	1			Day Sh	ift
Air Monitoring Task Force Leader		CTEH				Night S	hift
Air Monitoring Team		U.S. Coast	Guard			Day Sh	ift
Air Monitoring Team		U.S. Coast	Guard			Day Sh	ift
Air Monitoring Team		U.S. Coast	Guard			Day Sh	ift
Air Monitoring Team		U.S. Coast	Guard			Day Sh	
		Resource	es Require	d			
Area Of Operation	Resource			scription		Quantity	Size
Air Monitoring Group	Safety P	ersonnel	То	xicologist		1 each	
Air Monitoring Group	Supervis	or	Pro	oject Manage	r - Day	2 each	
Air Monitoring Group	Manpow	er: Responder	Da	ta Manager -	Day	1 each	
Air Monitoring Group	Vehicle			hicles		10 each	
Air Monitoring Group	Equipme	nt: Safety	Mu	ıltiRAE		8 each	
Air Monitoring Group		er: Responder	Sa	mpling Scient	tist - Day	4 each	
Air Monitoring Group	Supervis	or	Pro	oject Manage	r - Night	1 each	
Air Monitoring Group	Manpow	er: Responder	Sa	mpling Scient	OR OF STATE		
Air Monitoring Group	Manpow	er: Responder	US	GCG - Night		1 each	11
Air Monitoring Group	Equipme	nt: Comms	Ce	II Phones		8 each	
Air Monitoring Group	Equipme	nt: Safety	Ga	s Tech Pump	S	5 each	
Air Monitoring Group		nt: Safety		ılti Rae Pro (L		1 each	
Air Monitoring Group	100	nt: Safety		ea Rae (USC		1 each	
	100000000000000000000000000000000000000		nments		A.O.	- 1.28 2.00	
ICS 204 - Assignment List	:: 2.'		ı L		TRG Support At 03/1	1/2015 20:34	10.2.2.
INCIDENT ACTION PLAN SOFTWARE	Printed 03/12/2	2015 06:17 GMT -6:00		Page 20 of 34			© TRG

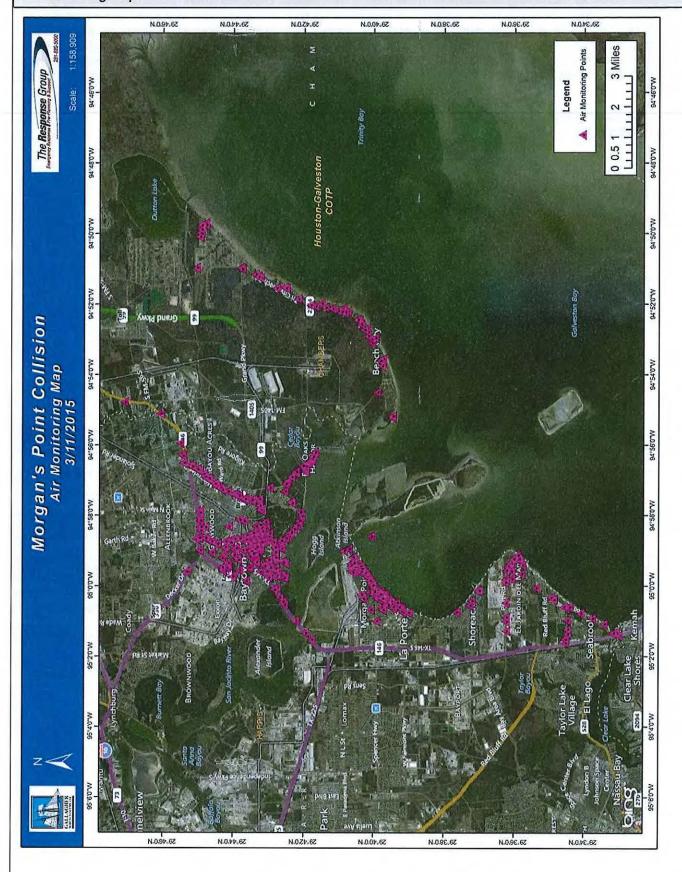
ICS 204 - Assignment List Area Of Operation: Air Monitoring Group Incident Name: Morgan's Point Collision Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00] Provide community and worker air monitoring assessment in the area of the release, impacted areas, predicted trajectory of spilled material and areas that have reported odor complaints. Will conduct realtime streaming data and summary reports for Unified Command, MultiRae Systems are placed along Morgans Point, Shoreacres, LaPorte, Baytown, Beach City and results will be synchronized every 15 minutes with continuous data oversight. USCG Strike Team members will conduct night time onwater air monitoring on a contingency basis for 3/10/15. If an approved Salvage Plan is in place before the next operational period (Period 3) begins, one Strike Team member will be available for a 1 hour wake-up call no earlier than 3am on 3/11/15 due to fatique limits. USCG Strike Member on stand by for wake up call: Day Shift 1 - Team Lead 4 - Sampling Scientists 1 - Data Manager 1 - USCG Night Shift 1 - Team Lead 4 - Sampling Scientists 1 - USCG Equipment: 10 MultiRae's 8 Vehicles 8 Cellphones 5 GasTech Pumps 1 Multi Rae Pro (USCG Strike Team) 1 Area Rae (USCG Strike Team) Communications Name / Function **Contact Details** m Special Environmental Considerations Call 281-470-0000 to report any impacted fish or wildlife observed in the field. Special Site-Specific Safety Considerations 1.) All responders will follow the Site Safety Plan (ICS 208). Follow safe work practices and wear appropriate PPE. To include but not limited to: Community Monitoring, Eye protection, Safety shoes, Reflective vests/high visibility clothing, Utilize hazard lights on vehicles 2.) On Water Monitoring: Hard hats, Eye protection, Safety shoes, USCG approved PFD in boats and where drowning risk exists, Fire Retardant Clothing, Respiratory protection when needed 3.) Communication Device/(Cell phone or Radios) & Establish communication schedule with supervisor.

ICS 204 - Assignment List		Last Update By TRG Support At 03/11/2015 20:34 GMT -6:00				
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Incident Name: Morgan's Point Collision

Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00]

Air Monitoring Map



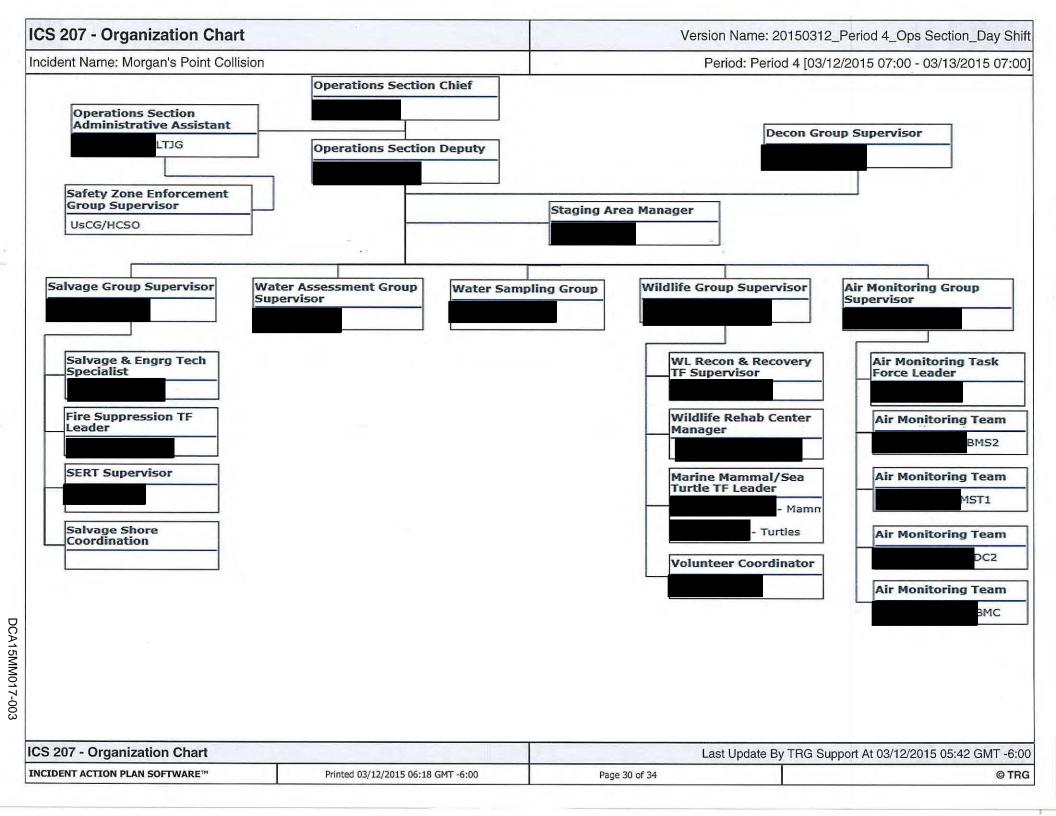
ICS 204 - Assignment List		Last Update By TRG Support At 03/11/2015 20:34 GMT -6:00				
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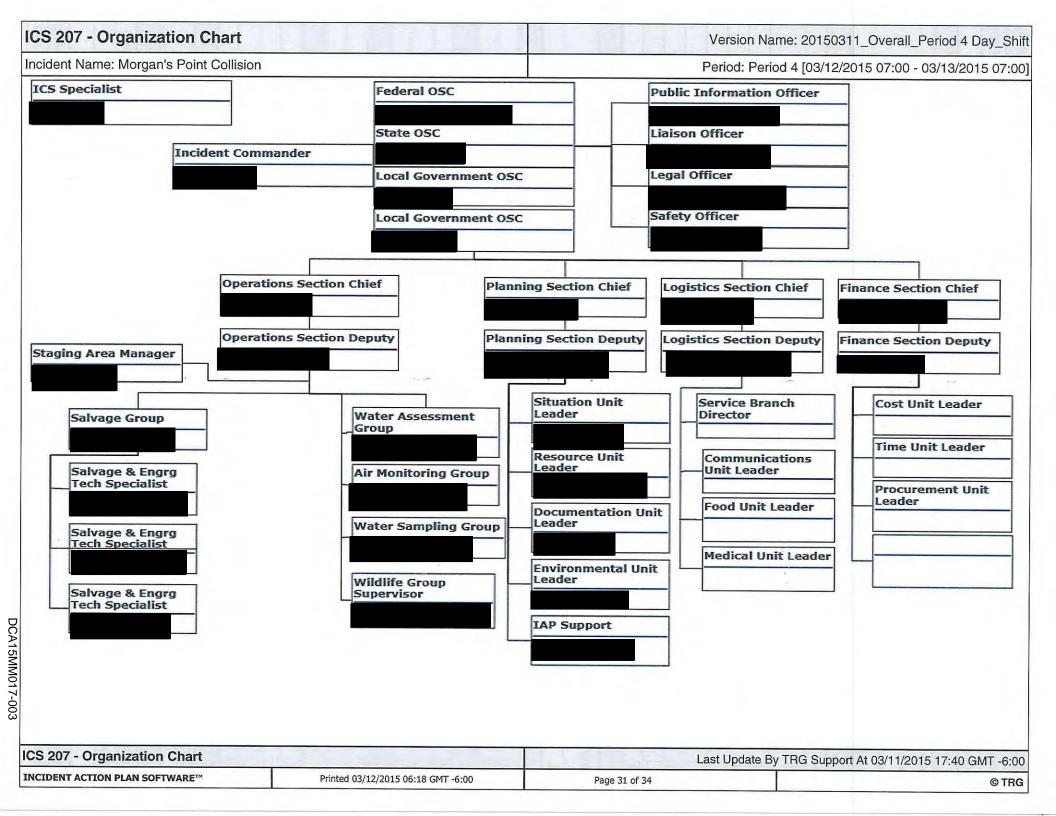
ICS 205 - Radio Communications Version Name: Communications Plan Incident Name: Morgan's Point Collision Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00] Radio Channel Information Channel Name/ Ch Trunked Radio Rx Freq Rx Tx Freq Tx Mode System Talkgroup | Assignment **Function** # NorW Tone/NAC N or W Tone/NAC (A, D, or M) Remarks 83 Water USCG Water Assessment Will be used for Aerial Surviellance Assessme Group nt 22 981RH Republic -Water Assessment Aerial POC Tillman see 205a Aerial Assessment Group Assessme nt VH Channel 69 69 Natural Decon Group For water operations (Decon, booming, resources Tac 1 Port of Houston Safety Zone 800 Port of Houston Fire Tac 1 Fire Boats **Enforcement Group** PHAP Port of Houston Security Group Security Patrols/Escorts D Police Department Salvage Group - Carla 320 Private VHS Salvage Will Monitor Ch. 16 for emergencies Network Maersk but Salvage Ops will use Private VHS Network USCG 21 USCG Vessels -Safety Zone Sector Command to Relay to USCG Rescue Rescue 21 Secure **Enforcement Group** Vessels Closed Channel (281) 464-4853 Salvage Cell Phone Salvage Group - Carla see 205a Maersk Wildlife Cell Phone Wildlife Group see 205a Air Cell Phone Air Monitoring Group see 205a Monitoring Cell Phone Decon Decon Group see 205a Staging Cell Phone Staging Areas see 205a Tactical Cell Phone Water Sampling Group see 205a DCA15MM017-003 Cell Phone Command Post -LaPorte Police Dept. Special Radio Instructions ICS 205 - Radio Communications Last Update By TRG Support At 03/12/2015 05:27 GMT -6:00 INCIDENT ACTION PLAN SOFTWARE™ Printed 03/12/2015 06:18 GMT -6:00 Page 23 of 34 © TRG

ICS 205a - Communications List			Version Name: Communications Pla
Incident Name: Morgan's Point Collision		Period: Pe	eriod 4 [03/12/2015 07:00 - 03/13/2015 07:0
Marine Mammals	TF Leader		
Public Information			
Resource Unit Le			
Public Information	n Officer		
Planning Section	Deputy	@responsegroupinc.co	m
Operations Section	on Chief		
Operations Section	on Deputy		
	Appr	roved By	
Logistics Section Chief:			Date: 3/12/15
	V		
20.005-			
CS 205a - Communications List NCIDENT ACTION PLAN SOFTWARE™	District 00/40/0045 05 40 51 5 6 6		By TRG Support At 03/12/2015 05:27 GMT -6:
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ICS 206 - Medical Plan		Version Name: 03/09/2015 19:09:14								
Incident Name: Morgan'		Period: Per	riod 4 [03/1:	2/201	15 07:00 -	03/13/201	5 07:00]			
			Medica	l Aid Statio	ns					
Name		Locati	on Name			Paramedic On Site	Pho	one	R	adio
	Trai	nspor	tation (Ground a	and/or Air A	Ambulance	Services)				
Ambulance Service		Locati	on	*	Phone			Radio	o Air	ALS
La Porte City Ambulanc	e Service	La Por	rte		Ph1: (28	1) 471-924	4			
Skymed		La Por	rte		Ph1: (28	1) 842-141	5			
Bay Star Ambulance Se	rvice	Baytov	wn		Ph1: (28	1) 422-720	0			
Enterprise Ambulance -	Baytown	Baytov	wn		Ph1: (28	1) 837-626	2			
			Н	lospitals						
Hospital	Location		Phone	Radio	Air Trave	Groun		Trauma Center	Helipad	Burn Center
Bayshore Medical Center	4000 Spence Hwy Pasadena, T 77504 -95.1834 29	ГХ	Ph1: 713-359- 1000		min	mir)	Ш		
Memorial Hermann Texas Medical Center	6411 Fannin Houston, TX 77030 -95.3968 29		Ph1: 713-704- 3700		min	mir	1	II		x
University Of Texas Medical Branch Gal	301 University Boulevard Galveston, TX 77555 -94.7755 29.3111		Ph1: 409-772- 1011		min	mir)	II		x
San Jacinto Methodist Hospital	4401 Garth I Baytown, TX 77521 -94.9776 29.	(Ph1: 281-420- 8600		min	mir	1	II		
Christus St John Hospital	18300 St Jol Drive Nassau Bay 77058 -95.0851 29.	, TX	Ph1: 281-333- 5503		min	mir		11		
St Luke's Patients Medical Center	4600 East S Houston Par South Pasadena, T 77505 -95.1602 29	kway X	Ph1: 281-487- 0700	2	min	min	ľ	Ш		
Clear Lake Regional Medical Center	500 Medical Center Blvd Webster, TX 77598 -95.1276 29.		Ph1: 281-332- 2511		min	min		=		
		S	pecial Medical I	Emergency	Procedure	s				
		N.								
Safety Officer:	-							Date:	3/12/20	2/3
ICS 206 - Medical Plan					Last Update	By TRG Sup	port A	At 03/11/20	15 16:32 GI	MT -6:00
INCIDENT ACTION PLAN SOFT	TWARE™ Printe	ed 03/12/	/2015 06:18 GMT -6:00		Page 28 of 3					© TRG

ICS 206 - Medical Plan	Mariana		Version Name: 03/09/2015 19:09:14
Incident Name: Morgan's Point (Collision /	Period: Period 4 [03	3/12/2015 07:00 - 03/13/2015 07:00]
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Logistics Section Chief:	7_		Date: 3/12/15
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ICS 206 - Medical Plan		Last Update By TRG S	Support At 03/11/2015 16:32 GMT -6:00
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ICS :	208 -	Site Safet	ty P	lan								Version Nam	ne: Site Safety Plan
Incide	nt Na	me: Morgan's	s Po	int Collision	1				Period:	Period	4 [03/	12/2015 07:00 -	- 03/13/2015 07:00]
Applie	es to S	Site: All											
						118	Site Chara	acteriza	tion	187			
Water	r			Laı	nd				Weather	r			
Wave	Heigh	ht		Lai	nd Use				Air Tem	р	55.00	F	
Spee	100	0.3 kts							Wind Sp	peed	9.00	mph	
Direc		Е							Directio		NNW		
							Site H	lazards					
Yes	No	Hazards			Yes	No	Hazards			Yes	No	Hazards	
х		Boat Safety	/		х		Fire, Explo	osion, Ir	n-situ		x	Pump Hose	
х		Chemical H	lazai	rds	х		Heat Stres	ss		х		Slips, Trips, a	nd Falls
х	П	Cold Stress	3		х		Helicopter	r Opera	tions		x	Steam and Ho	ot Water
	х	Confined S	расє	es	х		Lifting				x	Trenching/Exc	cavation
	x	Drum Hand	lling		х		Motor Veh	nicles			x	UV Radiation	
x		Equipment	Ope	rations	x		Noise			х		Visibility	
	х	Electrical O)pera	ations		x	Overhead	l/Buried	Utilities	х		Weather	
х		Fatigue			x		Plants/Wil	Idlife		x		Work Near Wa	ater
							Air Monito	oring Li	mits			***************************************	
Oxyge	en Lev	el		19.5% 23.	% - Hyo .5%	droger	n Sulfide			N/A T	otal H	lydrocarbons	N/A
LEL					1% Bei	nzene				N/A N	ITBE		50ppm
							Engineerin	ng Cont	trols				
х	Sourc	ce of release	seci	ured		Valve	e(s) closed				Energ	gy sources lock	ed/tagged out
х	Site s	secured				Facili	ity shut dow	vn					
					Pers	sonal	Protective	Equipn	nent Requ	uired		Para de la compansión d	
x	Imper	rvious suit			x	Flam	e resistant	clothing		x	Eye p	rotection	
	-	gloves			х	Hard				x		onal flotation	
	Outer	r gloves			х	Resp	irators			х	Boots	3	
					Add	itiona	I Control M	leasure	s Establis	shed			
	Deco	ntamination			x	Illumi	ination				Additi	ional stations es	stablished
	Sanita	ation			x	Medi	cal surveilla	ance			Facili	ties provided	
							Work	k Plan		file			
х	Boom	ning				Exca	vation				Hot w	ork	
	Skimr	ming				Heav	y equipmer	nt		x	Appro	opriate permits i	used
	Vac tr	rucks				1	ent pads	1					
х	Pump	oing				Patch	ning						
							Trai	ining					
x		ed site worke atory requirer			ocal/fed	eral	Training Requirem		OSHA HA	ZWOP	ER		
					offic.	181	Organ	ization		M			
Positi	on		Nam	пе	T	elepho	one/Radio	Positio	n		Name	9	Telephone/Radio
Incide	nt Cor	mmander						Safety	Officer				
							(2)	8.					
ICS 2	08 - Si	ite Safety PI	an					La	st Update E	By Galla	gher M	larine At 03/11/20	015 08:57 GMT -6:00
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ICS	208 - Site Safe	ty Plan		A			7.1	Version Na	me: Site Safety Plar
Incid	ent Name: Morgan	's Point Collision				Period:	Period 4	4 [03/12/2015 07:00	0 - 03/13/2015 07:00
	ity Incident mander			,	Ope Chie	erations Secti ef	on	LCDR	Ĺ
				Emerg	gency	Plan			
	Fire Prevention P	lan		Evacuation Pla	an				
	Alarm System			First Aid Locat	ion				
				Noti	ficatio	ns			
	Facility			Phone		Facility			Phone
х	Hospital	San Jacinto Methodist Hos	pital	(281) 420- 8600	x	Fire		LaPorte Fire Department	(281) 471-3607
х	Ambulance	LaPorte EMS		911	х	Law Enforceme	nt	LaPorte Police Department	(281) 471-2141
х	Air Ambulance	Memorial Hern Life Flight	nann	(713) 704- 4000		Emergency Response/	/ Rescu		
			V = 360	Initia	l Briefi	18		1 10 1 15	
х	Initial safety briefin	ng prepared for e	each si						
				Attachmen	ts/App	endices	(F-1)		
Attac	hment			Filename					
MSD	S - MTBE.pdf			MSDS - MTBE	E.pdf				
1070	35-Morgan's_Point	TX HASP V1.1	l.docx			oint TX HAS	P V1.1	l.docx	
			and the Common						
Sa	fety Officer:							Date:	3/12/2015
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CS 2	08 - Site Safety Pla	an				Last Update By	y Gallag	her Marine At 03/11/2	015 08:57 GMT -6:00
INCIDE	NT ACTION PLAN SOFT	WARE™ Printed 0	3/12/201	5 06:18 GMT -6:00		Page 33 c	of 34		© TRG

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Printed 03/12/2015 06:18 GMT -6:00

Version Name: ICS 220

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Period: Period 4 [03/12/2015 07:00 - 03/13/2015 07:00]

INCIDENT ACTION PLAN SOFTWARE™

ICS 220 - Air Operations Summary

Incident Name: Morgan's Point Collision

ENVIRONMENTAL UNIT SAMPLING AND ANALYSIS WORK PLAN MORGAN'S POINT COLLISION

03/09/2015

This incident-specific Sampling and Analysis Work Plan (SAP) was prepared on behalf of the Environmental Unit supporting Unified Command, to present the high level rationale and basis for the collection of samples to evaluate impacts as a result of the release of MTBE during the Morgan's Point Collision, Houston Ship Channel, near La Porte, Texas.

Prepared By:	D. L.
	Date:
Reviewed by IC:	Date:
Submitted by ENVL:	
	Date:
Reviewed by SOSC:	Date:
	Date.
Approved by FOSC:	Date:
Approved by LOSC:	
	Date:

TABLE OF CONTENTS

1.0	IN	ITRODUCTION AND PURPOSE	. 1
2.0	Н	EALTH AND SAFETY	1
3.0	D	ATA QUALITY OBJECTIVES	1
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1.0 INTRODUCTION AND PURPOSE

This Sampling and Analysis Work Plan (SAP) was prepared on behalf of the Environmental Unit supporting Unified Command, to present the high level rationale and basis for the collection of samples to evaluate impacts as a result of the release of MTBE during the Morgan's Point Collision, Houston Ship Channel, near La Porte, Texas. For the purpose of this SAP, water, and sediment are considered. Sampling and monitoring of air is covered under the Air Sampling and Analysis Plan (Air SAP), which has been prepared separately by the Safety Section and submitted under separate cover.

The specific objectives of the investigations and proposed sampling are discussed further in the sitespecific sections presented herein; however, the main objectives in general are the collection of water and sediment samples to assist in the delineation of areas of potential impact and assess the need for and effectiveness of the containment and cleanup activities.

This SAP will officially be implemented after approval by Unified Command; however, in practice this SAP will be implemented immediately based on the recognized urgency to collect samples protective of human health and the environment.

2.0 HEALTH AND SAFETY

Site personnel will review and adhere to the site-specific Health and Safety Plan (HASP). Sampling will be conducted during daylight hours and under weather or other environmental conditions that do not create unsafe working conditions.

3.0 DATA QUALITY OBJECTIVES

The data collected during field activities will be used to assess potential exposures of members of the public and ecological receptors to constituents potentially related to the release of MTBE from the Morgan's Point Collision. Because changes in environmental conditions are possible during the response, this will be done by reporting on chemical constituents found in the environment at the time and location of sample collection.

A strategic planning approach based on scientific method will be employed for data collection activities providing a systematic procedure to ensure the type, quantity and quality of data used in decision-making will be appropriate for the intended application.

4.0 SURFACE WATER EVALUATION AND SAMPLING METHODOLOGY

4.1 Surface Water Monitoring

In order to determine that water quality is maintained for the duration of response activities, monitoring at each surface water sampling location may be conducted using a Horiba multi-parameter water quality meter, or equivalent. Surface water monitoring will be conducted daily (e.g., concurrent with sample collection) and will include the following parameters:

- Temperature (°C)
- pH (0-14 standard units)
- Conductivity (Siemens/meter)
- Dissolved Oxygen (milligrams/liter)
- Turbidity (NTU)

Visual observations will be made at each surface water sampling location and electronically noted using a hand-held data collection device or recorded in a log dedicated to this project.

The water quality meters in use on this project will be calibrated in accordance with the manufacturer's specifications.

4.2 Surface Water Sampling

Field teams, composed of CTEH[®] personnel, will be deployed with appropriate equipment and supplies to conduct surface water monitoring and collect surface water quality samples. All sampling will be documented in field notebooks, CTEH[®] field forms, or hand-held devices.

4.3 Methodology and Analysis

Surface water samples will be decanted directly into laboratory supplied sample containers and submitted to TestAmerica, Houston, TX, an accredited laboratory for laboratory analysis as presented in Table 1. Water quality parameters, including: temperature, pH, conductivity, dissolved oxygen, and turbidity may be recorded for each surface water sample.

4.4 Location, Frequency, and Duration

Surface water samples will be collected daily from established sample locations. Sample locations will be selected in the field based on input from UC and SCAT processes consistent with the IAP. The Unified Command may identify a number of high priority environmentally and socio-economically sensitive areas as defined in the ICS Form 232. The environmentally sensitive areas include marsh, wetland, and/or mud-flat locations where shorebirds may be present. High priority socio-economic locations include school sites and ferry landings. These may be determined based on visual and olfactory assessments. High Priority sites are listed below:

- Site 1
- Site 2

Based on the above-listed high priority sites, the following surface water sampling locations are currently being sampled:

Location Code	Location Description	Latitude	Longitude
SH01			
SH02			

Surface water samples will be collected daily for 3 days. Samples may be collected beyond or below this time at a frequency and duration determined by the appropriate stakeholders following review of the analytical data. No change to the sampling location, frequency, or duration will be made without approval from the appropriate regulatory agency.

5.0 WATER COLUMN EVALUATION AND SAMPLING METHODOLGY

5.1 Rationale

Water column sampling will be done to determine whether MTBE constituents have emulsified, dispersed, or solubilized within the water column.

5.2 Methodology and Analysis

Water column samples will be decanted directly into laboratory supplied sample containers and submitted to TestAmerica for laboratory analysis as presented in Table 2. Water quality parameters, including: temperature, pH, conductivity, dissolved oxygen, and turbidity will be recorded for each water sample.

Samples will be collected using vessel borne sample teams using Kemmerer sample containers in accordance with applicable industry accepted SOPs. One sample will be collected at the surface, intermediate depth, and from the bottom for each sample location.

5.3 Location and Frequency

Water column samples will be collected daily from the following locations:

Location Code	Location Description	Latitude	Longitude
WA01			
WA02			

Additional, targeted locations may be added, if warranted. Coordinates will be recorded for each sampling location using a GPS unit with a horizontal accuracy of not less than one meter.

6.0 SEDIMENT SAMPLING METHODOLOGY AND SAMPLE DESIGN

6.1 Methodology

Sediment samples will be collected using a modified Van Veen type, self-tripping ponar sampling device (ponar). The overlaying water in the ponar sampling device will be carefully decanted off, and the resultant sediment will be transferred into a wide mouth soil jar utilizing disposable sampling tools and submitted for laboratory analyses. The coordinates for each sampling location will be surveyed using a handheld GPS unit. Each sample will be logged in a field notebook or hand held electronic data capturing device with the following information: sample location (general description and GPS coordinates) and identification number, soil description, and any unusual discoloration, staining, or odors.

6.2 Sample Design

6.2.1 Systematic Sampling Design

Initial sampling will be systematic in design conducted to document pre-impact conditions and subsequently delineate MTBE impacts to the environment related to this incident. Sampling may be conducted along the anticipated zone of impact based on NOAA landfall projections, with particular emphasis on the area most likely to be affected by the differences in sea level elevations between high and low tides (i.e., sensitive areas like marshes). Proposed sample locations include:

- Site 1
- Site 2

6.2.2 Targeted Sampling Design

Targeted sampling, if warranted, will be based on SCAT processes (i.e., targeted based on field observations) and will be coordinated through UC.

6.3 Location and Frequency

Sediment samples will be collected daily from the following locations:

Location Code	Location Description	Latitude	Longitude
SE01			
SE02			

Additional, targeted locations based on SCAT processes may be added, if warranted. Coordinates will be recorded for each sampling location using a GPS unit with a horizontal accuracy of not less than one meter.

7.0 SAMPLE HANDLING PROCEDURES

Samples will be placed in laboratory supplied sample containers, appropriate for the intended analysis, labeled with sample identification number, sample depth (for water column sampling), sampler name, sample date, analysis and methodology requested, and time of sample collection, and immediately placed in a cooler on ice pending laboratory analysis. Samples will be packaged, labeled, retained on ice, and documented in an area which is free of impact and provides for secure storage. Custody seals will be placed on each sample containing cooler, and chain-of-custody procedures will be maintained from the time of sample collection until arrival at the laboratory to protect sample integrity. Shipping or transporting of samples to the laboratory will be done within a timeframe such that recommended holding times are met. Hold times are summarized on Tables 1 thru 3.

8.0 PROJECT ORGANIZATION

This section provides information on project organization for the Sampling and Analysis Work Plan, identifying the roles and responsibilities of key personnel and project schedule.

8.1 Roles and Responsibilities

The project organization and the responsibilities of key personnel are defined below.

8.1.1 Unified Command (UC):

The UC will serve as the approver for this Sampling and Analysis Plan and will consist of representative made up from Responsible Party, United States Coast Guard (USCG), and TCEQ.

8.1.2 Sampling and Analysis Lead (SM lead):

The Sampling and Monitoring Lead is responsible for establishing project scope and objectives and for communicating the same to the contractor. The SM Lead is also responsible for identifying internal, regulatory, and procedural requirements pertinent to the work that may differ from accepted industry standards of work. The SM Lead is responsible for assuring that projects are properly staffed and is ultimately responsible for the technical direction and quality of the work. The SM Lead may talk with regulatory agencies regarding methodologies and requirements.

8.1.3 Technicians and Analysts:

Field staff and analysts are responsible for executing their work assignments in strict conformance to documented procedures and for the immediate identification of any conditions adverse to the quality performance of the work or work products. They are responsible for acquainting themselves with the technical requirements of any work assigned and to seek training or guidance as necessary to comply with those requirements. They are responsible for documenting their activities according to applicable

SOPs and reviewing their own work and the work of others presented to them for peer review. They will immediately cause work to cease on any activity that in their judgment does not meet applicable quality and safety standards, will appropriately document and report such conditions to management, and will be active in the resolution of any such conditions.

Specific responsibilities include the following:

- Ensure that all work is performed according to the applicable specifications;
- Ensure that QC measures are being carried out and documented;
- Ensure the quality of work and work products;
- Communicate QA and safety concerns to management.

9.0 SAMPLE LABELING

Sample containers will be clearly labeled with the following information:

- Unique sample identification;
- Sample Type (discrete or composite, sediment and/or soil samples only)
- Sample Interval (water samples only);
- Sampler name or initials;
- Date sample collected;
- Time sample collected; and
- Analysis to be performed.

The unique sample designation will include the following: two character sample task type, two digit day, two digit month, two letter matrix identifier, two character numerical designation, and QA sample designation, as appropriate. The sample task type may be DZ (vessel decontamination zone), SE (sediment), WA (water column), SH (shoreline sampling), and PR (product recovery). The matrix identifier will be SW (surface water), IW (intermediate depth water), DW (deep water), SE (sediment), SC (source sampling), and BP (beach product sampling) and WP (water product sampling). Acceptable QA designations include MS (1 in 20 by media), MSD (1 in 20 by media), and RB (rinsate blank) only when using non-dedicated sampling equipment, and DUP (duplicate) (1 out of 10 samples by media). For vessel decontamination zone samples, an identifier will be placed at the end of the sample to denote sample location in comparison to decontamination zone location ('C' will denote sample collected from within boom containment, 'U' will denote sample collected from upstream of vessel decon zone, and 'D' will denote sample collected from downstream of vessel decon zone).

For example, a sediment sample collected on March 29 for the vessel decontamination zone sampling task at the upstream portion of sample location #01 would have a sample nomenclature of: DZ0329SE01U.

10.0 LABORATORY ANALYSES

Samples will be transported to TestAmerica, Houston, TX, depending on the intended purpose of the collected sample. TestAmerica will receive environmental media samples to establish concentrations while the other labs will receive samples intended for forensic fingerprint analysis. All labs used for this incident will meet National Environmental Laboratory Accreditation Conference (NELAC) certification as necessary. Samples will be submitted to the applicable laboratory for analyses for MTBE constituents for one or more of the analytical test methods listed in Tables 1 thru 3. Analytical methods, hold times, sample containers, and preservation, are summarized in Tables 1 thru 3.

11.0 QUALITY ASSURANCE

Sampling will be carried out in conjunction with a well defined quality assurance (QA) program. The goal of the field QA program is to document that samples are collected without the effects of accidental cross- or systematic contamination and refers to the sampling, analysis, and data validation procedures for generating valid and defensible data. To provide QA for the proposed sampling event, the following sampling, analysis, and data validation procedures will be performed:

11.1 Field Calibration

Instruments used in the field as part of this sampling event are anticipated to consist of YSI water quality meters, GPS units, digital cameras, and handheld data collection devices such as tablets/smart phones. YSIs will be calibrated daily. Other equipment is not are not anticipated to require field calibration. Operators of each piece of equipment are responsible for maintaining (including proper battery charge) and operating this equipment such that it conforms to each respective manufacturer's specifications.

11.2 Field Duplicate Sample

For approximately every ten samples collected in the field, one field duplicate will be collected and submitted for laboratory analyses to verify the reproducibility of the sampling methods. Field duplicates will be prepared by separately submitting an aliquot from the same sample location to the laboratory for analysis consistent with the proscribed analyses. The submitted duplicate will be submitted such that the laboratory is not aware that it is a duplicate (i.e., the sample ID will not identify it as a "duplicate" for any specific sample location). At least one field duplicate will be collected each day that samples are collected.

11.3 Field Split Samples

Field split samples refer to samples collected by the regulatory agency or its designee from the same sampling location and independently submitted to a different laboratory for analysis. Field split samples may be collected at the discretion of representatives of the regulatory agency or Unified Command.

11.4 Laboratory QA

Laboratory quality control procedures will be conducted in a manner consistent with relevant State and federal regulatory guidance. Deliverables will contain the supporting documentation necessary for data validation. Internal laboratory quality control checks will include method blanks, matrix spikes (and matrix spike duplicates), surrogate samples, calibration standards, and laboratory control standards (LCSs).

11.5 Matrix Spike/Matrix Spike Duplicate Sample

Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples refer to field samples spiked with the analytes of interest prior to being analyzed at the laboratory to gauge the quality of analysis. Approximately one in twenty samples will be analyzed as MS/MSD samples.

11.6 Data Validation

Validation of the data generated by the laboratory performing the analyses will include at a minimum sample holding times, accuracy, precision, contamination of field generated or laboratory method blanks, and surrogate compound recovery. Accuracy will be determined by evaluating LCS and MS recovery. Precision will be determined by evaluating laboratory and field duplicate samples.

12.0 DECONTAMINATION PROCEDURES

Decontamination procedures refer to the steps undertaken to minimize the potential for offsite contamination and cross-contamination between individual sampling locations. Prior to collecting any sample for this release the following decontamination procedures will be undertaken: non-disposable sampling equipment such as Kemmerer water sampling devices which come into contact with sampling media will be decontaminated using a bristled brush and a solution comprised of a laboratory grade, non-phosphate detergent (e.g., Alconox or Liquinox) and deionized water. Depending on ancillary activities being conducted for the response to this release, the decontamination of sampling equipment will be conducted over poly sheeting at the sample location or in a nearby designated area. The sampling equipment to be decontaminated will first be placed in a bucket containing the detergent solution and thoroughly washed using a bristled brush. The items will then be transferred to the second 5-gallon bucket containing deionized water for rinsing. Following the initial rinsing, the item will be held over the third 5-gallon bucket while deionized water is carefully decanted over each item. Decontaminated items will be wrapped in clean aluminum foil for transit to the next sampling location.

Nitrile gloves will be worn by sampling personnel and changed between activities at each discrete sample collection location. Previously worn nitrile gloves will be discarded in appropriate waste receptacles with other PPE.

13.0 WASTE DISPOSAL

The method for storage and disposal of investigative derived waste materials will comply with applicable local, state and federal regulations.

14.0 DATA ANALYSIS

To assess the potential impact from contact with MTBE the results of sampling will be reviewed for the presence/absence of these compounds, and should they be found, the concentrations of these parameters relative to appropriate regulatory standards. The results of laboratory analyses will be provided to UC.

15.0 RECORDS MANAGEMENT

Records management refers to the procedures for generating, controlling, and archiving project-specific records and records of field activities. Project records, particularly those that are anticipated to be used as evidentiary data, directly support current or ongoing technical studies and activities, and provide historical evidence needed for later reviews and analyses, will be legible, identifiable, retrievable and protected against damage, deterioration, or loss on a centralized electronic database. Handwritten records will be written in indelible ink. Records will likely include, but are not limited to, the following: bound field notebooks on pre-numbered pages, sample collection forms, personnel qualification and training forms, sample location maps, equipment maintenance and calibration forms, chain-of custody forms, maps and drawings, transportation and disposal documents, reports issued as a result of the work, procedures used, correspondences, and any deviations from the procedural records. Documentation errors will be corrected by drawing a single line through the error so it remains legible and will be initialed by the responsible individual, along with the date of change, and the correction will be written adjacent to the error.

Records will be maintained in accordance with the document retention policy established for this incident.

TABLE 1 -SURFACE WATER SAMPLING SUMMARY

ANALYSIS	METHOD	SAMPLE CONTAINER	PRESERVATIVE	HOLD TIME
МТВЕ	8260b	2 x 40 mL VOA vials	HCL to pH < 2; Ice, maintained at 0-6°C	7 days preserved; 14 days unpreserved

TABLE 2 -WATER COLUMN SAMPLING SUMMARY

ANALYSIS	METHOD	SAMPLE CONTAINER	PRESERVATIVE	HOLD TIME
МТВЕ	8260b	2 x 40 mL VOA vials	HCL to pH < 2; Ice, maintained at 0-6°C	7 days preserved; 14 days unpreserved

TABLE 3 – SEDIMENT SAMPLING SUMMARY

ANALYSIS	METHOD	SAMPLE CONTAINER	PRESERVATIVE	HOLD TIME
МТВЕ	8260b	1 x 4oz soil jar	Ice, maintained at 0-6°C	7 days preserved; 14 days unpreserved

Morgan's Point Collision WILDLIFE MANAGEMENT PLAN – March 11, 2015

I. Initial Wildlife Response Priorities – Notifications have been made. Information has been shared with state and federal agencies through Unified Command. Initial consultation activities have commenced. Wildlife response activities will be conducted in a safe and healthful manner in accordance with the Incident Safety Plan, and approval by the Incident Safety Officer.

II. Authority

A. Decisions Concerning a Wildlife Response

- Federal and State wildlife personnel have authority over birds, marine mammals, sea turtles, other endangered and threatened species or their designated critical habitats, and other wildlife related response decisions. Coordination and consultation regarding species listed under the Endangered Species Act should follow procedures outlined in the Interagency Memorandum of Agreement Regarding Oil Spill Planning and Response Activities Under the Federal Water Pollution Control Act's National Oil and Hazardous Substances Pollution Contingency Plan and the Endangered Species Act.
- The On-Scene Coordinator consults with the U.S. Fish and Wildlife Service (USFWS) and state agencies when there is a possibility of impact to migratory birds and other wildlife. Appropriate response measures will be determined by the Unified Command, including federal and state stakeholders.
- 3. The On-Scene Coordinator consults with the USFWS, National Oceanic and Atmospheric Administration (NOAA)-National Marine Fisheries Service (NMFS) and state agencies when there is a possibility of impact to sea turtles on land. The On-Scene Coordinator consults with the NMFS and state agencies when there is a possibility of impact to sea turtles in the water. Appropriate response measures will be determined by the Unified Command, including federal and state stakeholders.
- 4. The On-Scene Coordinator consults with NMFS when there is a possibility of impact to marine mammals and other marine wildlife, with the exception of manatees which require discussion with USFWS. Appropriate response measures will be determined by the Unified Command, including federal and state stakeholders.
- III. **Organization** Unified Command will be used to coordinate with local natural resource trustees (see Appendix 1 Contact list).

A. Planning

- Wildlife operations planning will be accomplished by the Wildlife Branch and coordinated with the activities of the Environmental Unit by the Wildlife Branch Director.
- All wildlife response related activities will be included in the Incident Action Plan (IAP) by the Planning Section.

B. Wildlife Branch Director will:

- Coordinate with the Environmental Unit within Planning Section on the identification of sensitive areas, wildlife-at-risk and recommend response priorities. These data will then be used to assist the deployment of field assets and establishment of animal care facilities.
 - a) It is important to determine wildlife distribution and abundance in the area as soon as possible.

- b) Protecting sensitive areas from impact and deterring non-impacted wildlife, when possible, from polluted areas is high priority. These two actions will help shorten the wildlife response efforts.
- 2. Identify daily objectives and performance metrics (i.e. # animals handled, # volunteers) to be used to assess reconnaissance, recovery, hazing, and rehabilitation capability.
- Provide daily reporting to Unified Command on progress against objectives and need for resources.
- 4. Wildlife Response Services, LLC (WRS) has been contracted for the wildlife rehabilitation of birds. The Texas Marine Mammal Stranding Network (TMMSN) will be activated to respond to and recover live and dead stranded marine mammals and rehabilitate live stranded marine mammals when appropriate and authorized by NOAA-NMFS. National Marine Fisheries Sea Turtle Program will be used to respond to affected sea turtles.
- Collection of birds and other wildlife and associated rehabilitation activities will be conducted as authorized by migratory bird permits issued to Wildlife Response Services. All appropriate permits are in place for Texas. All endangered bird species are covered under this permit.
- 6. Collection and care of potentially impacted marine mammals and sea turtles that are stranded will be conducted by individuals and organizations identified by (and holding appropriate authorization and permits from) NMFS, USFWS and the state. A deputy wildlife branch director may be activated to assist in management of NMFS operations if the wildlife branch director needs administrative and logistical assistance for these species.

IV. Operations

A. Wildlife Response as Authorized by Federal & State Agencies

- All wildlife related activities will be managed under the Wildlife Branch of the Operations Section.
- Wildlife response activities will be coordinated with the Environmental Unit and communicated through the Situation Unit to maintain an effective flow of information.

B. Responsibilities as Authorized by Federal & State Agencies

- Minimize wildlife losses during spill response.
- Oversee activities of wildlife contractor(s).
- Coordinate over-flights and ground reconnaissance of wildlife at spill site and report to Situation Unit Leader and Wildlife Branch Director (see Organization Charts in IAP).
- 4. Confirm protocol as directed by the USFWS and NMFS for collecting and documenting impacted birds, small mammals, marine mammals, and sea turtles (i.e., Chain of Custody form). Necropsies will be performed on marine mammals according to approved NMFS guidelines by authorized personnel. If significant numbers of carcasses are collected, it may be necessary to obtain a large freezer and generator.
- 5. Necropsies and sample collection will be performed on marine mammals by authorized personnel as part of the response effort according to approved NMFS guidelines. Necropsy and sampling of large or remotely stranded marine mammals, may need to occur at the site of the stranding if long-term storage/removal of carcasses is logistically unfeasible. In these circumstances, sampling and evaluation must follow approved NMFS Guidelines.
- Carry out hazing measures as authorized by Federal and State agencies in the IAP.

- 7. Oversee recovery and rehabilitation of impacted animals. Where impacted wildlife may be located within sensitive habitat, decisions may be made to not collect the animal to protect the habitat. Special measures may be taken to collect and recover individuals of threatened or endangered species or protected marine mammals.
- 8. Assist in identifying and maintaining appropriate and approved wildlife rehabilitation centers.
- Assure that evidence tagging, transportation, veterinary services, evidence storage and other support are maintained at the appropriate level.

V. Field Operations

- 1. Identify possible hazing techniques (based on species, location, and logistics). Deploy equipment as identified in the IAP after authorization.
- 2. Carcass collection will be carried out concurrently with other field operations. This activity will be done in accordance with the chain of custody requirements. Birds may be stored for later evaluation, but gross necropsies and sample collection will be performed on marine mammals as part of the response effort according to approved NMFS guidelines by authorized personnel.
- 3. Implement field teams to monitor and/or capture impacted wildlife.
 - Identify retrieval needs and identify available personnel (agency +/- contractor support).
 - Assign teams to existing operational divisions
 - Request needed logistical support (boats, nets, etc)
 - Field team deployment will expand / contract based on field recon and survey information as well as trustee priorities (species status / listing; breeding locations).

4. Transport.

Transport of impacted birds will be managed by Wildlife Response Services from Texas Parks and Wildlife Department (TPWD) field teams to the WRS Baytown Rehabilitation Facility.

TMMSN will transport live marine mammals per their normal operating procedures to their Galveston Rehabilitation Center (located on NOAA Galveston Lab), when appropriate and authorized by NMFS SE Region Stranding Coordinator. Dead marine mammals will either be examined/necropsied/sampled in-situ (see above) or transported to the TMMSN facility in Galveston for full necropsy/sampling per the approved NMFS guidelines.

5. Communication.

Request assistance from communications unit to incorporate wildlife operations communication needs into the response efforts; identify radio needs.

6. Reporting and Coordination

The primary input mechanism for the public to report affected wildlife is via the incident hotline at 281-470-0000 (leave a message which will be documented and reported to the Wildlife Branch). Identify additional resources required to manage the hotline if calls become overwhelming. Hotline calls will be answered and a message taken. Message will be delivered to the Recon & Recovery Unit Leader who will notify the appropriate field team. All reports of stranded marine mammals should be passed on to the TMMSN at 1-800-9-MAMMAL.

7. Transportation – Various modes of transportation should be set up through the Logistics Section. This may include vans, trucks, trailers, airboats, flat bottom boats, etc.

VI. Wildlife Rehabilitation Centers

A. Birds

1. An avian rehabilitation facility is on stand-by. This warehouse facility and wash trailer have adequate water and electricity to meet requirements to care for affected wildlife. This facility has an open floor plan to arrange pens and house wildlife as well as supplies to care for the animals. The address for the avian care facility is:

WRS Oil Spill Response Base, located at Phoenix Pollution Control and Environmental Services Inc. warehouse– currently in stand-by status with capability for immediate activation. 7111 Decker Dr., Baytown, TX 77520. Phone: 281-838-3400 (M-F); 24 Hour Response Hotline: 713-705-5897.

- 2. Security: The avian facility is secure with a monitor fence and cameras around the perimeter. No security guard requested at this time.
- 3. Mobile wildlife response trailers are located on site and are equipped with on-demand hot water systems, wash tables, collapsible tables for use in examining and arranging supplies, as well as various sizes of portable kennels.
- 4. Wildlife recovery teams and wildlife rehabilitation staff must wear proper Personal Protective Equipment (PPE) (including gloves, Tyvek™, safety glasses, and rubber boots as well as a Personal Flotation Devices (PFD) if in boats and/or near water. Other PPE as determined by the Safety Officer.
- 5. Global Positioning System (GPS) system is necessary to mark locations of both live and deceased wildlife.
- 6. Deceased animal collection protocol agreed with state and federal agencies will be followed.

B. Marine Mammal and Turtle Locations

Facilities must be organizations within the TMMSN or the National Marine Fisheries Sea Turtle Program, and hold appropriate authorization and permits to care for the species in question. Stranded, injured, or affected marine mammals will be cared for at the TMMSN Rehabilitation Center at the NOAA Galveston Lab: 4700 Avenue U., Galveston TX, 77551.

- 1. Set up 24 hour security plan as provided by TMMSN.
- 2. Wildlife recovery teams must wear proper PPE (including gloves, Tyvek™, safety glasses, and rubber boots and PFD if in boats and/or near water). Other PPE as determined by the Safety Officer.
- 3. GPS system is necessary to mark locations of both live and dead wildlife.
- 4. The NMFS "Marine Mammal Oil Spill Response Guidelines" will be followed in responding to and sampling all marine mammals in the designated spill area and caring for all live affected mammals.
- 5. Appropriate impacted turtle guidelines will be developed by consulting experts, and will be followed for caring for all affected sea turtles. **Contact** at 409-771-28-93 or 409-766-3671.

C. Volunteers

1. If the incident has significant wildlife impact the use of volunteers may be necessary. This will be approved through Unified Command. Any marine mammal volunteers must be also approved through the TMMSN.

D. Supplies

- 1. Wildlife contractors and marine mammal/sea turtle stranding network members maintain a limited quantity of medical supplies, capture equipment, and PPE to assist with animal capture and care. Additional equipment and supplies will need to be ordered through the Logistics Section and delivered to the rehabilitation center(s) in a timely manner once a requisition is submitted.
 - The rehabilitation centers should be provided with a supply of Tyvek™, gloves, sun block, insect repellent and other appropriate resources for the recovery and rehabilitation teams as this is the usual place for those contractors to gather for morning and evening planning and de-briefing meetings.

E. Support

- Designated areas within the rehabilitation center shall be established to take breaks, to have meals, and to attend to administrative tasks. If restroom facilities are not located within the facility, portable facilities need to be provided. Because the task of caring for oil impacted animals is time intensive, arrangements will need to be made to have food for responders ordered and delivered to the rehabilitation facility(s).
- Decontamination of workers and equipment will be managed as identified in the Waste Management Plan.

F. Waste & Oiled Carcass Disposal

- Adhere to Federal, State, and municipal regulations when disposing of both contaminated wastewater and gray water. Wastewater refers to wildlife wash water, rinse water, and pool overflow water. The Responsible Party (RP) will be responsible for the proper disposal of contaminated wastewater. Need to set up totes or tanks for holding waste water at rehabilitation center(s).
- 2. Solid waste must be disposed of in accordance with appropriate Federal, State, and/or local hazardous waste, municipal solid waste, and/or biological waste laws and regulations. Solid waste means soiled Tyvek™, gloves, towels, sheets, and syringes. The RP will be responsible for the proper disposal of contaminated solid waste. Need to set up roll-off and/or dumpsters at all rehabilitation centers.
- Disposal of bird, mammal and sea turtle carcasses will take place under the direction of the appropriate state and federal agency(s). As mentioned previously, some marine mammals may need to be necropsied and sampled at the stranding site. Disposal of the carcass post-sampling will be coordinated through the appropriate agencies. Freezer(s) will be required for carcass storage.

G. Wildlife Rehabilitation and Release Criteria

- Birds and other wildlife: The wildlife contractor prepares and carries out the release plan after consultation with the appropriate wildlife trustees.
- Marine Mammals and Sea Turtles: Animals will be released upon meeting pre-established release criteria (e.g., Marine Mammal Health and Stranding Response Program Policies and Best Practices – Standards for Release http://www.nmfs.noaa.gov/pr/pdfs/health/release_criteria.pdf), placement of permanent

identifying markings, completion of appropriate Stranding Reports, and authorization by NMFS or USFWS as appropriate.

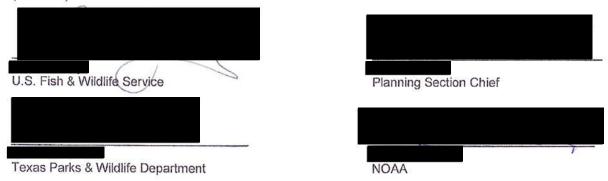
H. Records

- All final reports maintained by the wildlife response team for the impacted bird response are to be delivered to the USFWS and TPWD within 30 days of the date the Federal On-Scene Coordinator (FOSC) declares the response closed or from the departure of the wildlife response team, whichever comes first.
- 2. For stranded marine mammals and sea turtles, official stranding reports must be completed for each animal collected, and should be forwarded to the National Marine Fisheries Sea Turtle Program Stranding Coordinator

 Coordinator

 ©tmmsn.org and the Wildlife Branch Director as quickly as feasible after disposition.
- 4. Daily reports (including intake logs) from all marine mammal rehabilitation and necropsy centers are to be sent each evening to the Wildlife Branch Director (or his/her deputy if one assigned to direct NMFS operations), and one of the wildlife Branch Director (or his/her deputy if one assigned to direct NMFS operations), one of the wildlife Branch Director (or his/her deputy if one assigned to direct NMFS operations), one of the wildlife Branch Director (or his/her deputy if one assigned to direct NMFS operations), one of the wildlife Branch Director (or his/her deputy if one assigned to direct NMFS operations), one of the wildlife Branch Director (or his/her deputy if one assigned to direct NMFS operations), one of the wildlife Branch Director (or his/her deputy if one assigned to direct NMFS operations).
- 5. Daily reports from all sea turtle rehabilitation and necropsy centers are to be sent each evening to the Wildlife Branch Director (or his/her deputy if one assigned to direct NMFS operations), <a href="mailto:one-assigned-branch-b

This wildlife plan follows procedures as set forth by USFWS document "Best Practices for Migratory Bird Care During Oil Spill Response" (November 2003) and NMFS document "Marine Mammal Oil Spill Response Guidelines" (12/19/07)



Appendix 1 Key Contacts List

0	Federal Agency – U.S. Fish & Wildlife Service (USFWS) –			
	Texas, notify Ecological Services Field Office (Office #: 281-286-8282 or Cell #: Will notify wildlife refuge personnel.			
0	State Agency – Texas Parks & Wildlife Department (TPWD) -			
	Texas Parks & Wildlife Kills & Spills Team Regional Office at 281-842-8100 or Region 3, Cell-General Will notify wildlife management area personnel.			
0	Federal Agency – National Oceanic and Atmospheric Administration (NOAA) –			
	Texas – Notify District 8 Duty Phone () or NOAA SSC District 8,			
	SSC will pass notifications to appropriate programs and personnel within NOAA.			
	Alternate contact: Marine Mammals - Southeast Region Marine Mammal Stranding Program Coordinator			
	(Cell #: @noaa gov)			