



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>02 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>1</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **USCG dock Ocean City, MD** Latitude: **38 19 40.88** Longitude: **75 05 29.11**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00						rain	at dock
08:00						rain	at dock
16:00						rain	at dock
24:00						rain	at dock

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief:		PSO:		Processor:	<b>Dan Whitesell</b>
Shift Supervisor:	<b>Marcus Kwasek</b>	PSO:			
Surveyor:	<b>Trevor Hoskins</b>	PSO:			

**C2. Additional Personnel**

Wayne Porter (1st Capt'n), Michael Porter (2nd Capt'n), Mike Masek (3rd Capt'n), Steve Miller (deckhand), Sidney Sanchez (deckhand), Larry James (cook)

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>8</b>	CLIENT:	<b>0</b>	VESSEL:	<b>0</b>	OTHERS:	<b>3</b>	<b>TOTAL 11</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	<b>M Kwasek, D Whitesell, T Hoskins</b>
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	INSERT A ROW
7:00	24:00	17:00	M	2-June-2015; Begin mob in Ocean City, MD

**EE. PROJECT DATA:**

E1. Time Summary:							
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M			17:00	17:00		100.00
Transit	T			0:00	0:00		0.00
Calibrations	C			0:00	0:00		0.00
Operational	O			0:00	0:00		0.00
Weather Standby	W			0:00	0:00		0.00
Standby on Client	S			0:00	0:00		0.00
Vessel Downtime	VD			0:00	0:00		0.00
Port Standby	PS			0:00	0:00		0.00
Survey Downtime	SD			0:00	0:00		0.00
PSO Mitigation	MT			0:00	0:00		0.00
Disputed Time	DT			0:00	0:00		0.00
<b>TOTAL</b>			<b>0:00</b>	17:00	17:00		<b>100.00%</b>

Hrs. of Daily Operations **24**

Cumulative Hours Check Value= **24.00**

E2. Survey Progress:								INSERT A ROW
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	5446.00	MD WEA	5446.00			0.00	0.00%	
	0.00					0.00		
	0.00					0.00		
	0.00					0.00		
TOTALS:		5446.00	5446.00		<b>0.00</b>	<b>0.00</b>	0.00%	

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)							
				Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings						1	1
Ships Drill, MOB, Fire & Abandon Ship							0
Vessel guided tour							0
Medical Treatment / First Aid Cases							0
Tool Box Meetings							0
Incident Reports							0
Near Miss Reports							0
Safety Observation Card (SOB)							0
							0
							0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>						<b>187:00</b>	<b>187:00</b>

GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
Start of Project		<b>0.00</b>	<b>0.00</b>
ROB at 00:00 hrs		0.00	0.00
Consumed Today		0.00	0.00
Received today		0.00	0.00
ROB at 24:00 hrs		<b>0.00</b>	<b>0.00</b>

HH. EXPECTED WEATHER NEXT 24 HRS:

II. ANTICIPATED PROGRAM NEXT 24 HRS:

JJ. PARTY CHIEF'S COMMENTS: (Optional)

KK. REPRESENTATIVE'S COMMENTS: (Optional)



For ALPINE

*Justin Bailey*

0

(Survey Party Chief)

For US Wind

0

(Client Representative)

Vessel: **RV Shearwater**  
 Client: **US Wind**  
 Location: **Ocean City, MD**

Project No: **1751**  
 Date: **02 June 2015**  
 Report No. **001**





**DAILY REPORT**

Vessel:	RV Shearwater	Project No:	1751
Client:	US Wind	Today's Date:	03 June 2015
Location:	Ocean City, MD	Report No:	2
Project:	Maryland WEA SAP Survey	Start Date:	02 June 2015

All times are **Local** (GMT - 4:00 hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	USCG dock Ocean City, MD	Latitude: 38 19 40.88	Longitude: 75 05 29.11

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00						Rain	at dock
08:00						Rain	at dock
16:00						Rain	at dock
24:00						Rain	at dock

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Justin Bailey	PSO:	Sharon Doake, Teresa Martin
Shift Supervisor:	Marcus Kwasek, Chris Stillman	PSO:	Randal Counihan, Sam Tufano
Surveyor:	Kaios Ryan, Trevor Hoskins	PSO:	Jack Allum
		Processor:	Dan Whitesell, Kelly Johns

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	9	CLIENT:	0	VESSEL:	6	OTHERS:	3	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>			
Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES		
Klein 3900 Side Scan Sonar	Valeport SVP			
Geometrics G882 Magnetometer	Gardline PAMS Mark III			
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI			

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
	<b>Off Vessel</b>	<b>On Vessel</b>
<b>Personnel:</b>		J Bailey, K Johns, C Stillman, K Ryan, S Doake, T Martin R Counihan, S Tufano, J Allum
<b>Equipment:</b>		

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
From	To	hrs	Code	
00:00	24:00	24:00	M	Continue mobilization in Ocean City, MD
		0:00		Pre-survey meeting with B Wall, J Bailey, W Porter, H Fulmer, S Doake
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		

<b>EE.</b>	<b>PROJECT DATA:</b>
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E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		17:00	24:00	41:00		100.00
Transit	T		0:00	0:00	0:00		0.00
Calibrations	C		0:00	0:00	0:00		0.00
Operational	O		0:00	0:00	0:00		0.00
Weather Standby	W		0:00	0:00	0:00		0.00
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		0:00	0:00	0:00		0.00
Survey Downtime	SD		0:00	0:00	0:00		0.00
PSO Mitigation	MT		0:00	0:00	0:00		0.00
Disputed Time	DT		0:00	0:00	0:00		0.00
TOTAL			17:00	24:00	41:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 48.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	5446.00	MD WEA	5446.00	0.00		0.00	0.00%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
TOTALS:		5446.00	TOTAL	5446.00	0.00	0.00	0.00%	

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	1	1	2	
		Ships Drill, MOB, Fire & Abandon Ship	0		0	
		Vessel guided tour	0		0	
		Medical Treatment / First Aid Cases	0		0	
		Tool Box Meetings	0		0	
		Incident Reports	0		0	
		Near Miss Reports	0		0	
		Safety Observation Card (SOB)	0		0	
			0		0	
			0		0	
			0		0	
No. of survey Man-Hours worked since start of project or LTI.			187:00	432:00	619:00	


GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
		0.00	0.00	0.00
ROB at 00:00 hrs		0.00	0.00	0.00
Consumed Today		0.00	0.00	0.00
Received today		0.00	0.00	0.00
ROB at 24:00 hrs		0.00	0.00	0.00

HH. EXPECTED WEATHER NEXT 24 HRS:

II. ANTICIPATED PROGRAM NEXT 24 HRS:

JJ. PARTY CHIEF'S COMMENTS: (Optional)  
 During mobilization at USCG dock, a pre-survey meeting was held on the bridge. Attending were Bill Wall, Justin Bailey, Wayne Porter, Hank Fulmer (Sea Tow) and via teleconference Scott Lundin, Liz Gowell and Steve Schmidt with Goodwin. We discussed timeline and logistics for data delivery to Goodwin and Gardline. Hank will transit to work area offshore to get data package from Shearwater when needed. We also discussed mitigation protocols with Sharon (senior PSO).

KK. REPRESENTATIVE'S COMMENTS: (Optional)

For ALPINE		For US Wind	
 <b>Justin Bailey</b> (Survey Party Chief)		<b>0</b> (Client Representative)	
Vessel:	RV Shearwater	Project No:	1751
Client:	US Wind	Date:	03 June 2015
Location:	Ocean City, MD	Report No.	002





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>04 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>3</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **USCG dock Ocean City, MD** Latitude: **38 19 40.88** Longitude: **75 05 29.11**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00						rain	dockside
08:00						rain	dockside
16:00						rain	dockside
24:00						rain	dockside

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek, Chris Stillman</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Kaio Ryan, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	20:00	20:00	M	Continue mobilization in Ocean City, MD mob complete, waiting on weather to go offshore
20:00	24:00	4:00	W	
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		41:00	20:00	61:00		93.85
Transit	T		0:00	0:00	0:00		0.00
Calibrations	C		0:00	0:00	0:00		0.00
Operational	O		0:00	0:00	0:00		0.00
Weather Standby	W		0:00	4:00	4:00		6.15
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		0:00	0:00	0:00		0.00
Survey Downtime	SD		0:00	0:00	0:00		0.00
PSO Mitigation	MT		0:00	0:00	0:00		0.00
Disputed Time	DT		0:00	0:00	0:00		0.00
<b>TOTAL</b>			<b>41:00</b>	<b>24:00</b>	<b>65:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 72.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	5446.00	MD WEA	5446.00	0.00		0.00	0.00%	
0	0.00	0	0.00			0.00		
0	0.00	0	0.00			0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>5446.00</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)					
		Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings			2	1	3
Ships Drill, MOB, Fire & Abandon Ship			0		0
Vessel guided tour			0		0
Medical Treatment / First Aid Cases			0		0
Tool Box Meetings			0		0
Incident Reports			0		0
Near Miss Reports			0		0
Safety Observation Card (SOB)			0		0
			0		0
			0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>			<b>619:00</b>	<b>432:00</b>	<b>1051:00</b>


GG. VESSEL ROB's at 24:00hrs		Fuel (T)	Lube Oil (L)	Water (T)
		0.00	0.00	0.00
ROB at 00:00 hrs		0.00	0.00	0.00
Consumed Today		0.00	0.00	0.00
Received today		0.00	0.00	0.00
ROB at 24:00 hrs		0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
NE 15-20, winds decreasing later today and into tomorrow

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Complete Mob, head offshore at high tide in morning for calibration and PAMS noise analysis operations

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Mobilization complete as of 20:00 local time - waiting on weather to begin calibrations and PAMS noise analysis. Planning to depart dock at high tide tomorrow 11:00 if weather allows. Received notification of moored hydrophones in survey area, extending up to 5m above seafloor - this will impact geophysical survey operations as our towfish will have to be raised when passing hydrophones to avoid entanglement.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

For ALPINE		For US Wind	
	Justin Bailey		
Justin Bailey (Survey Party Chief)		0 (Client Representative)	
Vessel:	RV Shearwater	Project No:	1751
Client:	US Wind	Date:	04 June 2015
Location:	Ocean City, MD	Report No.	003







**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>05 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>4</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description:	Latitude:	Longitude:
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**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00						rain	dockside
08:00						overcast	dockside
16:00	30.07	15	NE	1.5-2	3	rain	
24:00	29.9	10	E	1.5		overcast	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek, Chris Stillman</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Kaio Ryan, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.	
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**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	11:15	11:15	W	Standby for weather
11:15	13:55	2:40	T	Depart dock and transit out of Ocean City inlet, search for suitable patch test site
13:55	15:30	1:35	C	Start GAMS calibration, near fish haven 4km west of Isle of Wight Shoal
15:30	17:20	1:50	C	Patch test MBES
17:20	19:15	1:55	T	Transit to WEA
19:15	24:00	4:45	O	onsite WEA, PAMS deployment and start vessel noise signature test
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00	0:00	61:00		68.54
Transit	T		0:00	4:35	4:35		5.15
Calibrations	C		0:00	3:25	3:25		3.84
Operational	O		0:00	4:45	4:45		5.34
Weather Standby	W		4:00	11:15	15:15		17.13
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		0:00	0:00	0:00		0.00
Survey Downtime	SD		0:00	0:00	0:00		0.00
PSO Mitigation	MT		0:00	0:00	0:00		0.00
Disputed Time	DT		0:00	0:00	0:00		0.00
<b>TOTAL</b>			<b>65:00</b>	<b>24:00</b>	<b>89:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 96.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	5446.00	MD WEA	5446.00	0.00		0.00	0.00%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
TOTALS:		5446.00	<b>TOTAL</b>	5446.00	0.00	<b>0.00</b>	<b>0.00</b>	0.00%

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	3		3	
		Ships Drill, MOB, Fire & Abandon Ship	0	1	1	
		Vessel guided tour	0		0	
		Medical Treatment / First Aid Cases	0		0	
		Tool Box Meetings	0	2	2	
		Incident Reports	0		0	
		Near Miss Reports	0		0	
		Safety Observation Card (SOB)	0		0	
			0		0	
			0		0	
			0		0	
		<b>No. of survey Man-Hours worked since start of project or LTI.</b>	1051:00	<b>432:00</b>	<b>1483:00</b>	


GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
		0.00	0.00	0.00
ROB at 00:00 hrs		0.00	0.00	0.00
Consumed Today		0.00	0.00	0.00
Received today		0.00	0.00	0.00
ROB at 24:00 hrs		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
NE 10-15 kts, increasing to 20 kts, seas 3 to 6 ft.

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Complete PAMS vessel and HRG equipment noise signature tests, MBES survey SAP area.

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Vessel left the USCG dock at 11:25 (high tide) to conduct calibrations and PAMS testing. Wind and seas were marginal +/- 5 ft seas. Conducted patch test at fish haven near Isle of Wight Shoal. After patch test transited to MEA survey area and began PAMS vessel noise signature test.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 <p>For ALPINE <i>Justin Bailey</i></p>		<p>For US Wind</p>	
<p><b>Justin Bailey</b> (Survey Party Chief)</p>		<p><b>0</b> (Client Representative)</p>	
Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Date:	<b>05 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No.	<b>004</b>





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>06 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>5</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA** Latitude: **38 23.53136** Longitude: **74 45.10924**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.9	10	E	1.5		overcast	
08:00	29.88			1.2		hazy	
16:00	29.92			0.9	7	clear	
24:00	30.05	5	NE	1.3	7	clear	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek, Chris Stillman</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Kaios Ryan, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	5:15	5:15	O	Continue PAMS vessel noise signature tests
5:15	7:40	2:25	O	PSO watch and ramp up SBES/SBP for HRG noise signature test
7:40	11:00	3:20	O	HRG noise signature test SBES/SBP
11:00	12:30	1:30	C	USBL Calibration
12:30	13:30	1:00	C	Patch test multibeam in WEA area, calm sea conditions
13:30	14:40	1:10	T	Transit to MET Tower for MBES survey
14:40	16:40	2:00	O	SVP dip and start MBES SAP survey @ MET Tower
16:40	17:00	0:20	O	MBES survey complete, SVP and deploy PAMS eel
17:00	18:05	1:05	O	PSO/PAMS observations before ramp up, maneuver towards geo survey lines
18:05	18:40	0:35	O	Begin ramp up SBES/SBP
18:40	19:20	0:40	O	Deploy SSS/MAG and tune equipment
19:20	24:00	4:40	O	online, begin survey ops

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00	0:00	61:00		53.98
Transit	T		4:35	1:10	5:45		5.09
Calibrations	C		3:25	2:30	5:55		5.24
Operational	O		4:45	20:20	25:05		22.20
Weather Standby	W		15:15	0:00	15:15		13.50
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		0:00	0:00	0:00		0.00
Survey Downtime	SD		0:00	0:00	0:00		0.00
PSO Mitigation	MT		0:00	0:00	0:00		0.00
Disputed Time	DT		0:00	0:00	0:00		0.00
<b>TOTAL</b>			89:00	24:00	113:00		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 120.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	5410.20	MD WEA	5446.00	0.00	35.80	35.80	0.66%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
TOTALS:		5410.20	<b>TOTAL</b> 5446.00	0.00	<b>35.80</b>	<b>35.80</b>	0.66%	

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)			
		Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings			3		3
Ships Drill, MOB, Fire & Abandon Ship			1		1
Vessel guided tour			0		0
Medical Treatment / First Aid Cases			0		0
Tool Box Meetings			2	2	4
Incident Reports			0		0
Near Miss Reports			0		0
Savety Observation Card (SOB)			0		0
			0		0
			0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>			1483:00	<b>432:00</b>	<b>1915:00</b>


GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
		0.00	0.00	0.00
ROB at 00:00 hrs		0.00	0.00	0.00
Consumed Today		0.00	0.00	0.00
Received today		0.00	0.00	0.00
ROB at 24:00 hrs		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
NE winds 15 kts, seas 4 to 5 ft.

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Continue survey operations

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Completed vessel and HRG noise signature tests with PAMS equipment. Finished calibrations of geophysical equipment. Favorable sea states all day, re-ran multibeam calibration while in good weather conditions. Geophysical survey operations began in the WEA area, focused on the MET Tower and nearby boring locations.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

For ALPINE		For US Wind	
 <i>Justin Bailey</i>		0	
Justin Bailey (Survey Party Chief)		(Client Representative)	
Vessel:	RV Shearwater	Project No:	1751
Client:	US Wind	Date:	06 June 2015
Location:	Ocean City, MD	Report No.	005





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>07 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>6</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA** Latitude: **38 15.5950** Longitude: **74 45.2897**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	30.05	5	NE	1.3	7	clear	
08:00	30.16	11	ENE	1.3	7	clear	
16:00	30.16	10	ENE	1.5	7	clear	
24:00	30.11	12	ENE	1.5	7	clear	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek, Chris Stillman</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Kaios Ryan, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

		On Vessel
Personnel:		Personnel:
Equipment:		Equipment:

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	8:24	8:24	O	Continue survey ops
8:24	9:24	1:00	MT	PSO Shutdown due to sea turtle in exclusion zone
9:24	9:46	0:22	MT	Start ramp up after 1 hr observations
9:46	24:00	14:14	O	Continue survey ops

**EE. PROJECT DATA:**



E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00	0:00	61:00		44.53
Transit	T		5:45	0:00	5:45		4.20
Calibrations	C		5:55	0:00	5:55		4.32
Operational	O		25:05	22:38	47:43		34.83
Weather Standby	W		15:15	0:00	15:15		11.13
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		0:00	0:00	0:00		0.00
Survey Downtime	SD		0:00	0:00	0:00		0.00
PSO Mitigation	MT		0:00	1:22	1:22		1.00
Disputed Time	DT		0:00	0:00	0:00		0.00
TOTAL			113:00	24:00	137:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 144.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	5290.20	MD WEA	5446.00	35.80	120.00	155.80	2.86%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
TOTALS:		5290.20	TOTAL 5446.00	35.80	120.00	155.80	2.86%	

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		1		1
Vessel guided tour		0		0
Medical Treatment / First Aid Cases		0		0
Tool Box Meetings		4	3	7
Incident Reports		0		0
Near Miss Reports		0		0
Savety Observation Card (SOB)		0		0
		0		0
		0		0
No. of survey Man-Hours worked since start of project or LTI.		1915:00	432:00	2347:00


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

HH. EXPECTED WEATHER NEXT 24 HRS:  
small craft advisory from this afternoon through Tuesday, 15-25 kt S winds 4-7 ft seas with thunderstorms

II. ANTICIPATED PROGRAM NEXT 24 HRS:  
continue survey operations as long as weather allows.

JJ. PARTY CHIEF'S COMMENTS: (Optional)  
Good production today with one PSO shutdown for a Sea Turtle entering exclusion zone. Discussed procedures for SVP casts - PSOs were disconnecting hydrophone eel to recover before conducting SVP cast which requires 1-hr watch and ramp up. Now they well leave connected and in water during SVP cast so they can keep mitigating, avoiding PSO watch and ramp up. Weather may suspend operations tonight - if so we will likely take cover inside Delaware Bay until things calm down. Extended forecast is favorable.

KK. REPRESENTATIVE'S COMMENTS: (Optional)

For ALPINE		For US Wind	
	Justin Bailey		
Justin Bailey	(Survey Party Chief)	0	(Client Representative)
Vessel:	RV Shearwater	Project No:	1751
Client:	US Wind	Date:	07 June 2015
Location:	Ocean City, MD	Report No.	006





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>08 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>7</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **Delaware Bay / Harbor of Refuge** Latitude: **38 49.296** Longitude: **75 06.211**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	30.11	12	ENE	1.5	7	clear	
08:00	30.07	13	S	1.5	7	clear	
16:00	29.91	20	S	1.5	7	clear	
24:00	29.84	20-25	s	2	7	clear	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek, Chris Stillman</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Kaios Ryan, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

Wayne Porter (1st Capt), Michael Porter (2nd Captn), Mike (3rd Captn), Steve Miller (deckhand), Sydney (deckhand), Larry James (cook)

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	12:30	12:30	O	continue survey ops WEA
12:30	12:45	0:15	O	wind and seas building, difficult keeping vessel online, loop around cont. line
12:45	14:50	2:05	W	end survey, weather inhibits data acquisition and safety, recover gear
14:50	20:10	5:20	W	transit to Delaware Bay for safe harbor
20:10	24:00	3:50	W	Drop anchor in Harbor of Refuge - inside Cape Henlopen Delaware Bay, Standby for weather
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00	0:00	61:00		37.89
Transit	T		5:45	0:00	5:45		3.57
Calibrations	C		5:55	0:00	5:55		3.67
Operational	O		47:43	12:45	60:28		37.56
Weather Standby	W		15:15	11:15	26:30		16.46
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		0:00	0:00	0:00		0.00
Survey Downtime	SD		0:00	0:00	0:00		0.00
PSO Mitigation	MT		1:22	0:00	1:22		0.85
Disputed Time	DT		0:00	0:00	0:00		0.00
TOTAL			137:00	24:00	161:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 168.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	5173.20	MD WEA	5446.00	155.80	117.00	272.80	5.01%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
TOTALS:		5173.20	TOTAL 5446.00	155.80	117.00	272.80	5.01%	

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)			
		Incidents & Drills	Previous Events	Today's Events	Events To Date
		Project & HSE Briefings	3		3
		Ships Drill, MOB, Fire & Abandon Ship	1		1
		Vessel guided tour	0		0
		Medical Treatment / First Aid Cases	0		0
		Tool Box Meetings	7	2	9
		Incident Reports	0		0
		Near Miss Reports	0		0
		Safety Observation Card (SOB)	0		0
			0		0
			0		0
		No. of survey Man-Hours worked since start of project or LTI.	2347:00	432:00	2779:00

GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
		0.00	0.00	0.00
ROB at 00:00 hrs		0.00	0.00	0.00
Consumed Today		0.00	0.00	0.00
Received today		0.00	0.00	0.00
ROB at 24:00 hrs		0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
S winds 20-30 kts, 5-6 ft seas

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Standby until weather improves

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Good production today until wind and seas built up to inhibit data acquisition. No protected species sightings or shutdowns. We were unable to make it into Ocean City due to the swell direction and needing high tide to get into inlet. We transited up to Cape Henlopen in Delaware Bay for a Harbor of Safe Refuge until weather conditions improve.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**



For ALPINE

Justin Bailey

Justin Bailey  
(Survey Party Chief)

For US Wind

0

(Client Representative)

Vessel: RV Shearwater  
Client: US Wind  
Location: Ocean City, MD

Project No: 1751  
Date: 08 June 2015  
Report No. 007





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>09 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>8</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA survey area** Latitude: **38 18.041** Longitude: **74 45.534**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.84	20-25	S	2	7	clear	
08:00	29.77	20	S	2	7	clear	
16:00	29.73	10-15	W	1.5	7	clear	
24:00	29.8	10	SW	1	7	clear	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek, Chris Stillman</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Kaios Ryan, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	15:10	15:10	W	Weather standby in Delaware Bay Harbor of Safe Refuge
15:10	19:00	3:50	W	fire up mains, retrieve anchor and transit offshore to MEA survey area
19:00	19:15	0:15	W	SVP cast - 1.5 hrs from WEA
19:15	20:30	1:15	W	deploy PAMS and begin observations pre-survey, cont. transit to site
20:30	20:55	0:25	W	deploy SSS/MAG and begin ramp up
20:55	24:00	3:05	O	Resume survey ops in WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00	0:00	61:00		32.97
Transit	T		5:45	0:00	5:45		3.11
Calibrations	C		5:55	0:00	5:55		3.20
Operational	O		60:28	3:05	63:33		34.35
Weather Standby	W		26:30	20:55	47:25		25.63
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		0:00	0:00	0:00		0.00
Survey Downtime	SD		0:00	0:00	0:00		0.00
PSO Mitigation	MT		1:22	0:00	1:22		0.74
Disputed Time	DT		0:00	0:00	0:00		0.00
<b>TOTAL</b>			<b>161:00</b>	<b>24:00</b>	<b>185:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 192.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	5111.20	MD WEA	5446.00	272.80	62.00	334.80	6.15%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
TOTALS:		5111.20	<b>TOTAL</b>	5446.00	272.80	<b>62.00</b>	<b>334.80</b>	6.15%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		1		1
Vessel guided tour		0		0
Medical Treatment / First Aid Cases		0		0
Tool Box Meetings		9	2	11
Incident Reports		0		0
Near Miss Reports		0		0
Savety Observation Card (SOB)		0		0
		0		0
		0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		2779:00	<b>432:00</b>	<b>3211:00</b>

GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

HH. EXPECTED WEATHER NEXT 24 HRS:	
Light and variable winds, 0.5 - 1 m seas	

II. ANTICIPATED PROGRAM NEXT 24 HRS:	
continue survey operations in MEA	

JJ. PARTY CHIEF'S COMMENTS: (Optional)	
Pulled anchor and began transit back to WEA when wind switched from S to W. Sea states much improved, continued survey operations in WEA.	

KK. REPRESENTATIVE'S COMMENTS: (Optional)	



For ALPINE

*Justin Bailey*

**Justin Bailey**  
(Survey Party Chief)

For US Wind

**0**  
(Client Representative)

Vessel: **RV Shearwater**  
Client: **US Wind**  
Location: **Ocean City, MD**

Project No: **1751**  
Date: **09 June 2015**  
Report No. **008**







**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>10 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>9</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA</b>	Latitude: <b>38 20.83305</b>	Longitude: <b>74 50.16253</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.8	10	SW	1	7	clear	
08:00	29.92	light	E	<1	7	hazy	
16:00	29.91	light	E	<1	7	clear	
24:00	29.91	light	E	<1	7	clear	

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Justin Bailey	PSO:	Sharon Doake, Teresa Martin
Shift Supervisor:	Marcus Kwasek, Chris Stillman	PSO:	Randal Counihan, Sam Tufano
Surveyor:	Kaios Ryan, Trevor Hoskins	PSO:	Jack Allum
		Processor:	Dan Whitesell, Kelly Johns

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
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Client Rep.	
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<b>C4.</b>	<b>Personnel On Board:</b>
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ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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<b>C5.</b>	<b>ALPINE'S Equipment:</b>
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Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	9:30	9:30	O	continue survey operations in WEA
9:30	16:15	6:45	SD	MAG failure, troubleshoot
16:15	17:00	0:45	SD	Power supply failed in SSS towfish, replacement ordered for delivery tomorrow via Sea Tow
17:00	24:00	7:00	O	re-do PAMS noise tests, calm water so vessel can go "dead in the water"

<b>EE.</b>	<b>PROJECT DATA:</b>
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E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		29.19
Transit	T		5:45		5:45		2.75
Calibrations	C		5:55		5:55		2.83
Operational	O		63:33	16:30	80:03		38.30
Weather Standby	W		47:25		47:25		22.69
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS						
Survey Downtime	SD			7:30	7:30		3.59
PSO Mitigation	MT		1:22		1:22		0.65
Disputed Time	DT						
TOTAL			185:00	24:00	209:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 216.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	5039.20	MD WEA	5446.00	334.80	72.00	406.80	7.47%	
TOTALS:		5039.20	TOTAL	5446.00	334.80	72.00	406.80	7.47%

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	3		3	
		Ships Drill, MOB, Fire & Abandon Ship	1		1	
		Vessel guided tour				
		Medical Treatment / First Aid Cases				
		Tool Box Meetings	11	3	14	
		Incident Reports				
		Near Miss Reports				
		Safety Observation Card (SOB)		1	1	
No. of survey Man-Hours worked since start of project or LTI.			3211:00	432:00	3643:00	

GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs				
Consumed Today				
Received today				
ROB at 24:00 hrs				

HH.		EXPECTED WEATHER NEXT 24 HRS:
		SW winds 5 - 15 kts, seas 2 - 3 ft

II.		ANTICIPATED PROGRAM NEXT 24 HRS:
		complete PAMS noise signature test, repair SSS and continue geo survey operations

JJ.		PARTY CHIEF'S COMMENTS: (Optional)
		During survey operations today we had a system failure - the MAG power supply inside the SSS towfish needs to be replaced. A new power supply will be delivered to Hank Fulmer tomorrow AM along with a spare SSS system for backup. In the meantime we are re-shooting the vessel noise signature data as the weather conditions are good enough to allow for the vessel to go "dead in the water". We were unable to do this during the first testing due to weather / sea states, safety etc. We anticipate delivery of the new parts for the SSS around 11:30 - 12:00 and will repair the equipment and resume surveying.

KK.		REPRESENTATIVE'S COMMENTS: (Optional)



For ALPINE

*Justin Bailey*

**Justin Bailey**  
(Survey Party Chief)

For US Wind

(Client Representative)

Vessel: **RV Shearwater**  
Client: **US Wind**  
Location: **Ocean City, MD**

Project No: **1751**  
Date: **10 June 2015**  
Report No. **009**





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>11 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>10</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA SAP Survey Area** Latitude: **38 21.4265** Longitude: **74 45.4293**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.91	light	E	<1	7	clear	
08:00	29.92	12	S	<1	7	clear	
16:00	29.93	15	S	<1	7	clear	
24:00	29.98	light	S	<1	7	clear	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek, Chris Stillman</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Kaios Ryan, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	3:00	3:00	O	Complete PAMS vessel noise signature test
3:00	12:45	9:45	SD	Standby for Spare SSS equipment / parts
12:45	13:45	1:00	SD	Sea Tow in transit to meet up with Shearwater
13:45	14:00	0:15	SD	Sea Tow arrives, transfer equipment and data
14:00	14:30	0:30	SD	Sea Tow, departs, Repair SSS towfish
14:30	15:30	1:00	SD	PSO watch before ramp up, cont. SSS repair
15:30	16:30	1:00	SD	Begin ramp up, svp cast
16:30	20:07	3:37	O	Continue survey operations WEA
20:07	20:16	0:09	MT	PSO shutdown - dolphins in exclusion zone
20:16	20:37	0:21	MT	ramp up SBES and SBP and maneuver back online
20:37	24:00	3:23	O	Continue survey operations WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		26.18
Transit	T		5:45		5:45		2.47
Calibrations	C		5:55		5:55		2.54
Operational	O		80:03	10:00	90:03		38.65
Weather Standby	W		47:25		47:25		20.35
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS						
Survey Downtime	SD		7:30	13:30	21:00		9.01
PSO Mitigation	MT		1:22	0:30	1:52		0.80
Disputed Time	DT						
<b>TOTAL</b>			<b>209:00</b>	<b>24:00</b>	<b>233:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 240.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	4987.40	MD WEA	5446.00	406.80	51.80	458.60	8.42%	
TOTALS:		4987.40	<b>TOTAL</b>	5446.00	406.80	<b>51.80</b>	<b>458.60</b>	8.42%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		1		1
Vessel guided tour				
Medical Treatment / First Aid Cases				
Tool Box Meetings		14	2	16
Incident Reports				
Near Miss Reports				
Savety Observation Card (SOB)		1		1
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		3643:00	<b>432:00</b>	<b>4075:00</b>


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
SW winds 10-15 kts, seas 2-4 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Continue survey operations in WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
PAMS vessel noise analysis completed, including vessel dead in the water measurements. Standby in WEA until Sea Tow brought SSS spares out to vessel, and took data package from survey crew (PAMS data and data for Goodwin/Archy to review MET Tower). Repaired SSS towfish and continued survey operations. A large pod of dolphins approached the vessel causing a temporary shutdown, however they left quickly and we were able to ramp up and continue ops without having to conduct 1-hr pre-ramp observations.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE <i>Justin Bailey</i> <b>Justin Bailey</b> (Survey Party Chief)	For <b>US Wind</b>    (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b>	Project No: <b>1751</b> Date: <b>11 June 2015</b> Report No. <b>010</b>







**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>12 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>11</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Surey Area</b>	Latitude: <b>38 21.4265</b>	Longitude: <b>74 45.4293</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.98	light	S	<1	na	clear	
08:00	29.99	10	S	<1	7	hazy	
16:00	29.92	15	S	1	7	hazy	
24:00	29.92	15	S	1.3	na	hazy	

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	<a href="#">Justin Bailey</a>	PSO:	<a href="#">Sharon Doake, Teresa Martin</a>
Shift Supervisor:	<a href="#">Marcus Kwasek, Chris Stillman</a>	PSO:	<a href="#">Randal Counihan, Sam Tufano</a>
Surveyor:	<a href="#">Kaios Ryan, Trevor Hoskins</a>	PSO:	<a href="#">Jack Allum</a>
		Processor:	<a href="#">Dan Whitesell, Kelly Johns</a>

<b>C2.</b>	<b>Additional Personnel</b>		
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<b>C3.</b>	<b>Client Personnel:</b>		
Client Rep.			

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>			
Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES		
Klein 3900 Side Scan Sonar	Valeport SVP			
Geometrics G882 Magnetometer	Gardline PAMS Mark III			
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI			

<b>C6.</b>	<b>Additional Equipment</b>			
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>			
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	11:00	11:00	O	cont. geo survey in WEA
11:00	12:52	1:52	SD	problem with steering on port thruster, fix
12:52	13:09	0:17	O	cont. geo survey in WEA
13:09	14:09	1:00	MT	PSO shutdown for Sea Turtle in exclusion zone, 1-hr pre-ramp observation
14:09	14:45	0:36	MT	Ramp up
14:45	19:15	4:30	O	Continue survey operations
19:15	20:30	1:15	T	Survey lines complete over MET Tower and BH I-21, transit to survey lines over BH D-14 & D-9
20:30	24:00	3:30	O	Begin survey operations over BH's D-14 & D-9

<b>EE.</b>	<b>PROJECT DATA:</b>			
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E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		23.74
Transit	T		5:45	1:15	7:00		2.72
Calibrations	C		5:55		5:55		2.30
Operational	O		90:03	19:17	109:20		42.54
Weather Standby	W		47:25		47:25		18.45
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS						
Survey Downtime	SD		21:00	1:52	22:52		8.90
PSO Mitigation	MT		1:52	1:36	3:28		1.35
Disputed Time	DT						
<b>TOTAL</b>			<b>233:00</b>	<b>24:00</b>	<b>257:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 264.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	4935.40	MD WEA	5446.00	458.60	52.00	510.60	9.38%	
TOTALS:		4935.40	<b>TOTAL</b>	5446.00	458.60	<b>52.00</b>	<b>510.60</b>	9.38%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)					
Incidents & Drills		Previous Events	Today's Events	Events To Date	
Project & HSE Briefings		3		3	
Ships Drill, MOB, Fire & Abandon Ship		1		1	
Vessel guided tour					
Medical Treatment / First Aid Cases					
Tool Box Meetings		16	2	18	
Incident Reports					
Near Miss Reports					
Savety Observation Card (SOB)		1		1	
No. of survey Man-Hours worked since start of project or LTI.			4075:00	<b>432:00</b>	<b>4507:00</b>


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
SW winds 10-20 kts, gusts to 25 kts tonight, seas 2 - 4 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Continue survey operations in WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Survey lines completed over BH I-21. Due to increasing wind and seas, and forecast, we decided to survey lines over BH's D-14 & D-9 after completing I-19. BH's D-14 & D-9 are closer to shore and sea conditions likely better than the eastern part of the WEA. Also we will be closer to shore should weather conditions force us to take refuge. Production was slowed today due to problems with the vessel's port thruster steering, and a PSO shutdown for a sea turtle encroaching the exclusion zone. We are unable to go to the USCG dock in Ocean City until Tuesday as there is a military vessel at the dock for the air show.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE <i>Justin Bailey</i> <b>Justin Bailey</b> (Survey Party Chief)	For <b>US Wind</b>    (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b>	Project No: <b>1751</b> Date: <b>12 June 2015</b> Report No. <b>011</b>





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>13 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>12</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 29.4056** Longitude: **74 49.7840**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.92	15	S	1.3	na	hazy	
08:00	29.93	10	S	1	7	hazy	
16:00	29.98	5	W	<1	7	hazy	
24:00	30.02	light	W	<1	na	hazy	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek, Chris Stillman</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Kaios Ryan, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	12:05	12:05	O	Continue survey ops WEA, BH's D-9 & D-14
12:05	13:05	1:00	MT	PSO shutdown; sea turtle in exclusion zone. 1 hr observation pre- ramp up
13:05	13:30	0:25	MT	ramp up equipment and maneuver to survey line
13:30	21:00	7:30	O	Continue survey ops WEA, BH's D-9 & D-14
21:00	22:30	1:30	SD	Problem with SSS, troubleshoot
22:30	24:00	1:30	SD	Swap out 3900 system with backup 3000 SSS

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		21.71
Transit	T		7:00		7:00		2.49
Calibrations	C		5:55		5:55		2.11
Operational	O		109:20	19:35	128:55		45.88
Weather Standby	W		47:25		47:25		16.87
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS						
Survey Downtime	SD		22:52	3:00	25:52		9.21
PSO Mitigation	MT		3:28	1:25	4:53		1.74
Disputed Time	DT						
<b>TOTAL</b>			<b>257:00</b>	<b>24:00</b>	<b>281:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 288.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	4785.40	MD WEA	5446.00	510.60	150.00	660.60	12.13%	
TOTALS:		4785.40	<b>TOTAL</b>	5446.00	510.60	<b>150.00</b>	<b>660.60</b>	12.13%

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	3		3	
		Ships Drill, MOB, Fire & Abandon Ship	1		1	
		Vessel guided tour				
		Medical Treatment / First Aid Cases				
		Tool Box Meetings	18	2	20	
		Incident Reports				
		Near Miss Reports				
		Safety Observation Card (SOB)	1	1	2	
<b>No. of survey Man-Hours worked since start of project or LTI.</b>			4507:00	<b>432:00</b>	<b>4939:00</b>	

GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs				
Consumed Today				
Received today				
ROB at 24:00 hrs				

HH.		EXPECTED WEATHER NEXT 24 HRS:
		SW winds 10-15 kts, seas 2-3 ft

II.		ANTICIPATED PROGRAM NEXT 24 HRS:
		Continue survey operations in WEA

JJ.		PARTY CHIEF'S COMMENTS: (Optional)
		Good production today until 21:00 when the side scan system malfunctioned. Unable to repair system so it was swapped out with the spare Klein 3000 system onboard. The Klein 3000 is set to operate only at 500 kHz - identical to the Klein 3900 system. Survey operations commenced just after 24:00.

KK.		REPRESENTATIVE'S COMMENTS: (Optional)



For ALPINE

*Justin Bailey*

**Justin Bailey**  
(Survey Party Chief)

For US Wind

(Client Representative)

Vessel: **RV Shearwater**  
Client: **US Wind**  
Location: **Ocean City, MD**

Project No: **1751**  
Date: **13 June 2015**  
Report No. **012**





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>14 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>13</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 24.1049** Longitude: **74 47.0922**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	30.02	light	W	<1	na	hazy	
08:00	30.06	light	var	<1	7	hazy	
16:00	30.02	light	var	<1	7	clear	
24:00	30.04	light	var	<1	na	clear	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake</a> , <a href="#">Teresa Martin</a>	Processor: <a href="#">Dan Whitesell</a> , <a href="#">Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek</a> , <a href="#">Chris Stillman</a>	PSO: <a href="#">Randal Counihan</a> , <a href="#">Sam Tufano</a>	
Surveyor: <a href="#">Kaios Ryan</a> , <a href="#">Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	Remarks
00:00	1:14	1:14	SD	Swapping out SSS systems
1:14	24:00	22:46	O	back online, continue survey ops WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		20.00
Transit	T		7:00		7:00		2.30
Calibrations	C		5:55		5:55		1.94
Operational	O		128:55	22:46	151:41		49.73
Weather Standby	W		47:25		47:25		15.55
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS						
Survey Downtime	SD		25:52	1:14	27:06		8.89
PSO Mitigation	MT		4:53		4:53		1.60
Disputed Time	DT						
<b>TOTAL</b>			<b>281:00</b>	<b>24:00</b>	<b>305:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 312.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	4595.40	MD WEA	5446.00	660.60	190.00	850.60	15.62%	
TOTALS:		4595.40	<b>TOTAL</b>	5446.00	660.60	<b>190.00</b>	<b>850.60</b>	15.62%

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	3		3	
		Ships Drill, MOB, Fire & Abandon Ship	1		1	
		Vessel guided tour				
		Medical Treatment / First Aid Cases				
		Tool Box Meetings	20	3	23	
		Incident Reports				
		Near Miss Reports				
		Safety Observation Card (SOB)	2		2	
<b>No. of survey Man-Hours worked since start of project or LTI.</b>			4939:00	<b>432:00</b>	<b>5371:00</b>	

GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs				
Consumed Today				
Received today				
ROB at 24:00 hrs				

HH.		EXPECTED WEATHER NEXT 24 HRS:
		S winds 10 to 15 kt. Seas 2 to 3 ft

II.		ANTICIPATED PROGRAM NEXT 24 HRS:
		Continue survey operations WEA

JJ.		PARTY CHIEF'S COMMENTS: (Optional)
		Good production today with no PSO shutdowns. Dead sea turtle observed +/- 100m from vessel in the morning, decomposed and likely dead for several days. PSO compiled a report which was forwarded to ESS and BOEM. Weather forecast favorable throughout week. We have been at sea 11 days and will likely need a port call on Friday for fuel and food.

KK.		REPRESENTATIVE'S COMMENTS: (Optional)



For ALPINE

*Justin Bailey*

**Justin Bailey**  
(Survey Party Chief)

For US Wind

(Client Representative)

Vessel: **RV Shearwater**  
Client: **US Wind**  
Location: **Ocean City, MD**

Project No: **1751**  
Date: **14 June 2015**  
Report No. **013**







**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>15 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>14</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 28.32204** Longitude: **74 46.9592**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	30.02	light	W	<1	na	hazy	
08:00	29.98	light	W	<1	7	hazy	
16:00	29.93	10	W	<1	7	clear	
24:00	29.94	10	W	<1	na	clear	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek, Chris Stillman</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Kaios Ryan, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	7:18	7:18	O	continue survey ops WEA
7:18	11:40	4:22	MT	PSO shutdown for dense fog, visibility < 200m
11:40	12:40	1:00	MT	Fog clearing, begin 1-hour pre-ramp watch
12:40	13:00	0:20	MT	ramp-up equipment, approach survey line
13:00	24:00	11:00	O	continue survey ops WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		18.54
Transit	T		7:00		7:00		2.13
Calibrations	C		5:55		5:55		1.80
Operational	O		151:41	18:18	169:59		51.67
Weather Standby	W		47:25		47:25		14.41
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS						
Survey Downtime	SD		27:06		27:06		8.24
PSO Mitigation	MT		4:53	5:42	10:35		3.22
Disputed Time	DT						
TOTAL			305:00	24:00	329:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 336.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	4449.40	MD WEA	5446.00	850.60	146.00	996.60	18.30%	
TOTALS:		4449.40	TOTAL 5446.00	850.60	146.00	996.60	18.30%	

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		1		1
Vessel guided tour				
Medical Treatment / First Aid Cases				
Tool Box Meetings		23	2	25
Incident Reports				
Near Miss Reports				
Savety Observation Card (SOB)		2		2
No. of survey Man-Hours worked since start of project or LTI.		5371:00	432:00	5803:00


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

HH. EXPECTED WEATHER NEXT 24 HRS:  
SW winds 5-10 kts seas 2-3 ft

II. ANTICIPATED PROGRAM NEXT 24 HRS:  
Continue survey ops WEA area

JJ. PARTY CHIEF'S COMMENTS: (Optional)  
After a long PSO shutdown in the AM for restricted visibility in dense fog, survey operations commenced with good production allowing us to complete 146 line km today. Weather conditions remain favorable throughout the week. Data for borehole I-21 was uploaded to the project FTP site through the boat satcom for the project archaeologist to review. If cleared two borehole sites are ready for drilling. We will be making a port call into Ocean City on Friday to take on bunkers.

KK. REPRESENTATIVE'S COMMENTS: (Optional)

 For ALPINE <i>Justin Bailey</i> <b>Justin Bailey</b> (Survey Party Chief)	For US Wind    (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b>	Project No: <b>1751</b> Date: <b>15 June 2015</b> Report No. <b>014</b>





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>16 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>15</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 26.431** Longitude: **74 937**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.94	10	W	<1	na	clear	
08:00	29.94	10	SW	<1	7	clear	
16:00	29.87	12	SW	<1	7	clear	
24:00	29.94	15	SW	1	na	clear	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek, Chris Stillman</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Kaios Ryan, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	11:10	11:10	O	continue survey ops WEA
11:10	12:10	1:00	MT	shut down for sea turtle in exclusion zone, 1-hr pre-ramp watch
12:10	12:25	0:15	MT	pre-survey ramp-up
12:25	24:00	11:35	O	continue survey ops WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		17.28
Transit	T		7:00		7:00		1.98
Calibrations	C		5:55		5:55		1.68
Operational	O		169:59	22:45	192:44		54.60
Weather Standby	W		47:25		47:25		13.43
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS						
Survey Downtime	SD		27:06		27:06		7.68
PSO Mitigation	MT		10:35	1:15	11:50		3.35
Disputed Time	DT						
<b>TOTAL</b>			<b>329:00</b>	<b>24:00</b>	<b>353:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 360.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	4255.40	MD WEA	5446.00	996.60	194.00	1190.60	21.86%	
TOTALS:		4255.40	<b>TOTAL</b>	5446.00	996.60	<b>194.00</b>	<b>1190.60</b>	21.86%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		1		1
Vessel guided tour				
Medical Treatment / First Aid Cases				
Tool Box Meetings		25	2	27
Incident Reports				
Near Miss Reports				
Savety Observation Card (SOB)		2		2
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		5803:00	<b>432:00</b>	<b>6235:00</b>

GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
NE winds 10-15 kts, seas 2-3 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
continue survey operations in WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Another day with good survey production, one PSO shutdown for a sea turtle in the exclusion zone. The project archaeologist reviewed and signed off on borehole I-21 for drilling. Weather conditions remain favorable through the week, we will be making a port call on Friday for supplies.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**



For ALPINE

*Justin Bailey*

**Justin Bailey**  
(Survey Party Chief)

For US Wind

(Client Representative)

Vessel: **RV Shearwater**  
Client: **US Wind**  
Location: **Ocean City, MD**

Project No: **1751**  
Date: **16 June 2015**  
Report No. **015**





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>17 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>16</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 18.8679** Longitude: **74 45.9513**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.94	15	SW	1	na	clear	
08:00	30.05	15	N	1	7	clear	
16:00	30.11	12	NE	1	7	clear	
24:00	30.09	15	NE	1	na	clear	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek, Chris Stillman</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Kaios Ryan, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	11:46	11:46	O	continue survey ops WEA
11:46	12:38	0:52	MT	PSO shutdown for sea turtle in exclusion zone, 1-hr pre-ramp watch
12:38	13:38	1:00	MT	another sea turtle sighted, 1-hr pre-ramp watch starts over
13:38	13:55	0:17	MT	ramp up equipment
13:55	15:14	1:19	O	online, continue survey ops
15:14	15:33	0:19	MT	PSO shutdown for sea turtle in exclusion zone, 1-hr pre-ramp watch
15:33	16:00	0:27	MT	another sea turtle sighted, 1-hr pre-ramp watch starts over
16:00	16:49	0:49	MT	move west to get away from turtles, finish watch and ramp up on transit
16:49	17:45	0:56	O	online, continue survey ops
17:45	18:45	1:00	MT	PSO shutdown for sea turtle in exclusion zone, 1-hr pre-ramp watch
18:45	18:58	0:13	MT	ramp up equipment
18:58	24:00	5:02	O	continue survey ops WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		16.18
Transit	T		7:00		7:00		1.86
Calibrations	C		5:55		5:55		1.57
Operational	O		192:44	19:03	211:47		56.18
Weather Standby	W		47:25		47:25		12.58
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS						
Survey Downtime	SD		27:06		27:06		7.19
PSO Mitigation	MT		11:50	4:57	16:47		4.45
Disputed Time	DT						
TOTAL			353:00	24:00	377:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 384.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	4106.40	MD WEA	5446.00	1190.60	149.00	1339.60	24.60%	
TOTALS:		4106.40	TOTAL 5446.00	1190.60	149.00	1339.60	24.60%	

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	3		3	
		Ships Drill, MOB, Fire & Abandon Ship	1		1	
		Vessel guided tour				
		Medical Treatment / First Aid Cases				
		Tool Box Meetings	27		27	
		Incident Reports				
		Near Miss Reports				
		Safety Observation Card (SOB)	2		2	
No. of survey Man-Hours worked since start of project or LTI.			6235:00	432:00	6667:00	

GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs				
Consumed Today				
Received today				
ROB at 24:00 hrs				

HH.		EXPECTED WEATHER NEXT 24 HRS:
		SE winds 10-15 kts, seas 3-4 ft

II.		ANTICIPATED PROGRAM NEXT 24 HRS:
		continue survey operations in WEA

JJ.		PARTY CHIEF'S COMMENTS: (Optional)
		Multiple sea turtle sightings slowed production today, but still collected nearly 150 km of data. Data has been processed and uploaded to ftp site for BH's D9 & D14.

KK.		REPRESENTATIVE'S COMMENTS: (Optional)



For ALPINE

*Justin Bailey*

**Justin Bailey**  
(Survey Party Chief)

For US Wind

(Client Representative)

Vessel: **RV Shearwater**  
Client: **US Wind**  
Location: **Ocean City, MD**

Project No: **1751**  
Date: **17 June 2015**  
Report No. **016**







**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>18 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>17</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 16.5935** Longitude: **74 43.7154**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	30.09	15	NE	1	na	clear	
08:00	30.04	10	SE	1.3	7	clear	
16:00	29.98	5	SW	1	7	clear	
24:00	29.98	10	SW	1	na	clear	

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake</a> , <a href="#">Teresa Martin</a>	Processor: <a href="#">Dan Whitesell</a> , <a href="#">Kelly Johns</a>
Shift Supervisor: <a href="#">Marcus Kwasek</a> , <a href="#">Chris Stillman</a>	PSO: <a href="#">Randal Counihan</a> , <a href="#">Sam Tufano</a>	
Surveyor: <a href="#">Kaios Ryan</a> , <a href="#">Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	24:00	24:00	O	Continue survey operations in WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		15.21
Transit	T		7:00		7:00		1.75
Calibrations	C		5:55		5:55		1.48
Operational	O		211:47	24:00	235:47		58.80
Weather Standby	W		47:25		47:25		11.82
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS						
Survey Downtime	SD		27:06		27:06		6.76
PSO Mitigation	MT		16:47		16:47		4.19
Disputed Time	DT						
TOTAL			377:00	24:00	401:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 408.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3911.40	MD WEA	5446.00	1339.60	195.00	1534.60	28.18%	
TOTALS:		3911.40	TOTAL 5446.00	1339.60	195.00	1534.60	28.18%	

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		1		1
Vessel guided tour				
Medical Treatment / First Aid Cases				
Tool Box Meetings		27	3	30
Incident Reports				
Near Miss Reports				
Savety Observation Card (SOB)		2		2
No. of survey Man-Hours worked since start of project or LTI.		6667:00	432:00	7099:00


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

HH. EXPECTED WEATHER NEXT 24 HRS:  
N winds 5-10 kts, seas 2-3 ft

II. ANTICIPATED PROGRAM NEXT 24 HRS:  
Continue survey operations in WEA until ~0:800, transit to Ocean City USCG dock for scheduled port call

JJ. PARTY CHIEF'S COMMENTS: (Optional)  
A productive day today without any PSO shutdowns, port call tomorrow for fuel, food, supplies and maintenance work on vessel. Borehole D-14 has been cleared for drilling by Goodwin. Overall there have not been many mammals sighted, only turtles in the WEA.

KK. REPRESENTATIVE'S COMMENTS: (Optional)

 For ALPINE <i>Justin Bailey</i> <b>Justin Bailey</b> (Survey Party Chief)	For US Wind    (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b>	Project No: <b>1751</b> Date: <b>18 June 2015</b> Report No. <b>017</b>





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>19 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>18</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **Port Call in Ocean City, MD** Latitude: **38 19.6813** Longitude: **75 5.4852**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.98	10	SW	1	na	clear	WEA
08:00	30.01	10	SE	<1	7	clear	WEA
16:00							alongside
24:00							alongside

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <b>Justin Bailey</b>	PSO: <b>Sharon Doake, Teresa Martin</b>	Processor: <b>Dan Whitesell, Kelly Johns</b>
Shift Supervisor: <b>Marcus Kwasek, Kaoiso Ryan</b>	PSO: <b>Randal Counihan, Sam Tufano</b>	
Surveyor: <b>Brett Young, Trevor Hoskins</b>	PSO: <b>Jack Allum</b>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES	
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:	<b>Chris Stillman</b>	Personnel:	<b>Brett Young</b>
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	8:08	8:08	O	continue survey ops WEA
8:08	8:25	0:17	O	recover equipment
8:25	11:35	3:10	O	transit to Ocean City dock for port call
11:35	24:00	12:25	PS	alongside at USCG in Ocean City

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		14.35
Transit	T		7:00		7:00		1.65
Calibrations	C		5:55		5:55		1.39
Operational	O		235:47	11:35	247:22		58.20
Weather Standby	W		47:25		47:25		11.16
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS			12:25	12:25		2.92
Survey Downtime	SD		27:06		27:06		6.38
PSO Mitigation	MT		16:47		16:47		3.95
Disputed Time	DT						
TOTAL			401:00	24:00	425:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 432.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3839.40	MD WEA	5446.00	1534.60	72.00	1606.60	29.50%	
TOTALS:		3839.40	TOTAL	5446.00	1534.60	72.00	1606.60	29.50%

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	3		3	
		Ships Drill, MOB, Fire & Abandon Ship	1		1	
		Vessel guided tour				
		Medical Treatment / First Aid Cases				
		Tool Box Meetings	30	2	32	
		Incident Reports				
		Near Miss Reports				
		Safety Observation Card (SOB)	2		2	
No. of survey Man-Hours worked since start of project or LTI.			7099:00	432:00	7531:00	

GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs				
Consumed Today				
Received today		4600.00		
ROB at 24:00 hrs				

HH.		EXPECTED WEATHER NEXT 24 HRS:
		SE winds 10-15, kts increasing to 20-25, seas 3-5 ft

II.		ANTICIPATED PROGRAM NEXT 24 HRS:
		Port Standby

JJ.		PARTY CHIEF'S COMMENTS: (Optional)
		Alongside at USCG dock in Ocean City for scheduled port call. Saturday will take on food and supplies and perform maintenance on thrusters.

KK.		REPRESENTATIVE'S COMMENTS: (Optional)



For ALPINE

Justin Bailey

Justin Bailey  
(Survey Party Chief)

For US Wind

(Client Representative)

Vessel: RV Shearwater  
Client: US Wind  
Location: Ocean City, MD

Project No: 1751  
Date: 19 June 2015  
Report No. 018





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>20 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>19</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>Alongside, Ocean City</b>	Latitude: <b>38 19.6813</b>	Longitude: <b>75 5.4852</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00							alongside
08:00							alongside
16:00							alongside
24:00							alongside

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	<b>Justin Bailey</b>	PSO:	<b>Sharon Doake, Teresa Martin</b>
Shift Supervisor:	<b>Marcus Kwasek, Kaoiso Ryan</b>	PSO:	<b>Randal Counihan, Sam Tufano</b>
Surveyor:	<b>Brett Young, Trevor Hoskins</b>	PSO:	<b>Jack Allum</b>
		Processor:	<b>Dan Whitesell, Kelly Johns</b>

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
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Client Rep.	
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<b>C4.</b>	<b>Personnel On Board:</b>					
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ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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<b>C5.</b>	<b>ALPINE'S Equipment:</b>			
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Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES		
Klein 3900 Side Scan Sonar	Valeport SVP			
Geometrics G882 Magnetometer	Gardline PAMS Mark III			
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI			

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	24:00	24:00	PS	Alongside, Ocean City, MD

<b>EE.</b>	<b>PROJECT DATA:</b>
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E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		13.59
Transit	T		7:00		7:00		1.56
Calibrations	C		5:55		5:55		1.32
Operational	O		247:22		247:22		55.09
Weather Standby	W		47:25		47:25		10.56
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		12:25	24:00	36:25		8.11
Survey Downtime	SD		27:06		27:06		6.04
PSO Mitigation	MT		16:47		16:47		3.74
Disputed Time	DT						
TOTAL			425:00	24:00	449:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 456.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3839.40	MD WEA	5446.00	1606.60		1606.60	29.50%	
TOTALS:		3839.40	TOTAL	5446.00	1606.60	1606.60	29.50%	

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	3		3	
		Ships Drill, MOB, Fire & Abandon Ship	1		1	
		Vessel guided tour				
		Medical Treatment / First Aid Cases				
		Tool Box Meetings	32		32	
		Incident Reports				
		Near Miss Reports				
		Safety Observation Card (SOB)	2		2	
No. of survey Man-Hours worked since start of project or LTI.			7531:00	432:00	7963:00	

GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs		10500.00		
Consumed Today				
Received today				
ROB at 24:00 hrs				

HH.		EXPECTED WEATHER NEXT 24 HRS:
		S winds 20 kts gusting 30 kts, seas 4 to 6 ft

II.		ANTICIPATED PROGRAM NEXT 24 HRS:
		Weather standby

JJ.		PARTY CHIEF'S COMMENTS: (Optional)
		supply runs and vessel/equipment maintenance performed today.

KK.		REPRESENTATIVE'S COMMENTS: (Optional)



For ALPINE

*Justin Bailey*

**Justin Bailey**  
(Survey Party Chief)

For US Wind

(Client Representative)

Vessel: **RV Shearwater**  
Client: **US Wind**  
Location: **Ocean City, MD**

Project No: **1751**  
Date: **20 June 2015**  
Report No. **019**





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>21 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>20</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>Alongside, Ocean City</b>	Latitude: <b>38 19.6813</b>	Longitude: <b>75 5.4852</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00							alongside
08:00							alongside
16:00							alongside
24:00							alongside

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	<b>Justin Bailey</b>	PSO:	<b>Sharon Doake, Teresa Martin</b>
Shift Supervisor:	<b>Marcus Kwasek, Kaoiso Ryan</b>	PSO:	<b>Randal Counihan, Sam Tufano</b>
Surveyor:	<b>Brett Young, Trevor Hoskins</b>	PSO:	<b>Jack Allum</b>
		Processor:	<b>Dan Whitesell, Kelly Johns</b>

<b>C2.</b>	<b>Additional Personnel</b>
Wayne Porter, Michael Porter, Jason Giery, Mike Masek, Sydney Sanchez, Ovidio Hernandez, Larry James, Cam Morrissette	

<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>10</b>	CLIENT:		VESSEL:	<b>7</b>	OTHERS:	<b>3</b>	<b>TOTAL 20</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>			
Applanix POS MV	ODOM CVM Singlebeam	R2Sonic MBES		
Klein 3900 Side Scan Sonar	Valeport SVP			
Geometrics G882 Magnetometer	Gardline PAMS Mark III			
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI			

<b>C6.</b>	<b>Additional Equipment</b>

<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	<b>Cam Morrissette, Ovidio Hernandez, Jason Giery</b>
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	11:00	11:00	PS	port call
11:00	24:00	13:00	W	weather standby

<b>EE.</b>	<b>PROJECT DATA:</b>
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E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		12.90
Transit	T		7:00		7:00		1.48
Calibrations	C		5:55		5:55		1.25
Operational	O		247:22		247:22		52.30
Weather Standby	W		47:25	13:00	60:25		12.77
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		36:25	11:00	47:25		10.02
Survey Downtime	SD		27:06		27:06		5.73
PSO Mitigation	MT		16:47		16:47		3.55
Disputed Time	DT						
TOTAL			449:00	24:00	473:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 480.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3839.40	MD WEA	5446.00	1606.60		1606.60	29.50%	
TOTALS:		3839.40	TOTAL	5446.00	1606.60	1606.60	29.50%	

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	3		3	
		Ships Drill, MOB, Fire & Abandon Ship	1		1	
		Vessel guided tour				
		Medical Treatment / First Aid Cases				
		Tool Box Meetings	32		32	
		Incident Reports				
		Near Miss Reports				
		Safety Observation Card (SOB)	2		2	
No. of survey Man-Hours worked since start of project or LTI.			7963:00	480:00	8443:00	


GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs		10500.00		
Consumed Today				
Received today				
ROB at 24:00 hrs				

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
W winds 15-25 kts, seas 4 to 6 ft, decreasing to 5-10 kts seas 2-3 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Standby for weather, sail at high tide 11:00 - 12:00 tomorrow.

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Port call completed today, high winds and seas prevent sailing until first high tide on Monday.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

	For ALPINE	For US Wind	
	<i>Justin Bailey</i> <b>Justin Bailey</b> (Survey Party Chief)	   (Client Representative)	
Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Date:	<b>21 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No.	<b>020</b>





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>22 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>21</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 22.0034</b>	Longitude: <b>74 43.9573</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00							alongside
08:00							alongside
16:00	30.04	light	var	<1	7	clear	WEA
24:00	30.02	light	var	<1	na	clear	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Justin Bailey	PSO:	Sharon Doake, Teresa Martin
Shift Supervisor:	Cam Morrisette, Kaoiso Ryan	PSO:	Randal Counihan, Sam Tufano
Surveyor:	Brett Young, Trevor Hoskins	PSO:	Jack Allum
		Processor:	Dan Whitesell, Kelly Johns

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>
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ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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<b>C5.</b>	<b>ALPINE'S Equipment:</b>
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Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>
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From	To	hrs	Code	
00:00	11:00	11:00	W	weather standby
11:00	13:35	2:35	T	depart dock for WEA near high tide
13:35	14:42	1:07	T	deploy PAMS for pre-ramp observations during transit
14:42	15:20	0:38	O	svp, ramp-up equipment
15:20	24:00	8:40	O	continue survey operations - WEA

<b>EE.</b>	<b>PROJECT DATA:</b>
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E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		12.27
Transit	T		7:00	3:42	10:42		2.15
Calibrations	C		5:55		5:55		1.19
Operational	O		247:22	9:18	256:40		51.64
Weather Standby	W		60:25	11:00	71:25		14.37
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		47:25		47:25		9.54
Survey Downtime	SD		27:06		27:06		5.45
PSO Mitigation	MT		16:47		16:47		3.38
Disputed Time	DT						
<b>TOTAL</b>			<b>473:00</b>	<b>24:00</b>	<b>497:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 504.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3775.40	MD WEA	5446.00	1606.60	64.00	1670.60	30.68%	
TOTALS:		3775.40	<b>TOTAL</b>	5446.00	1606.60	<b>64.00</b>	<b>1670.60</b>	30.68%

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	3		3	
		Ships Drill, MOB, Fire & Abandon Ship	1	1	2	
		Vessel guided tour				
		Medical Treatment / First Aid Cases				
		Tool Box Meetings	32	2	34	
		Incident Reports				
		Near Miss Reports				
		Safety Observation Card (SOB)	2		2	
<b>No. of survey Man-Hours worked since start of project or LTI.</b>			8443:00	<b>432:00</b>	<b>8875:00</b>	


GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs				
Consumed Today				
Received today				
ROB at 24:00 hrs				

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
 NW winds 15-20 kts, seas 3-4 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
 continue surevy operations in WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
 We left the USCG dock in Ocean City at the morning high tide. We transited back out to the WEA area and continued running survey lines over the last two BHs. No problems or PSO shutdowns and we are continuing survey operations.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE <i>Justin Bailey</i> <b>Justin Bailey</b> (Survey Party Chief)		For US Wind   (Client Representative)
Vessel: <b>RV Shearwater</b>	Project No: <b>1751</b>	
Client: <b>US Wind</b>	Date: <b>22 June 2015</b>	
Location: <b>Ocean City, MD</b>	Report No. <b>021</b>	







**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>23 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>22</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	offshore, west of WEA	Latitude: <b>38 28.2832</b>	Longitude: <b>74 51.5879</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	30.02	light	var	<1	na	clear	WEA
08:00	29.99	14	S	<1	7	hazy	WEA
16:00	29.88	20-30	S	1.8	7	hazy	WEA
24:00	29.89	10	W	1	na	rain	near west boundary WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Justin Bailey	PSO:	Sharon Doake, Teresa Martin
Shift Supervisor:	Cam Morrisette, Kaoiso Ryan	PSO:	Randal Counihan, Sam Tufano
Surveyor:	Brett Young, Trevor Hoskins	PSO:	Jack Allum
		Processor:	Dan Whitesell, Kelly Johns

<b>C2.</b>	<b>Additional Personnel</b>		
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<b>C3.</b>	<b>Client Personnel:</b>		
Client Rep.			

<b>C4.</b>	<b>Personnel On Board:</b>					
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ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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<b>C5.</b>	<b>ALPINE'S Equipment:</b>			
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Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

<b>C6.</b>	<b>Additional Equipment</b>		
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	16:35	16:35	O	continue survey operations WEA
16:35	18:30	1:55	W	wind and seas picked up, 25+ kts SW 2m seas, weather standby, transit towards shore
18:30	18:50	0:20	W	arrive NE corner of WEA, conditions unimproved, recover equipment transit towards shore
18:50	23:20	4:30	W	transit closer to shore, weather pattern until wind/seas subside
23:20	24:00	0:40	W	winds decreased, deploy PAMS and begin 1-hr pre-ramp observations

<b>EE.</b>	<b>PROJECT DATA:</b>		
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E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		11.71
Transit	T		10:42		10:42		2.05
Calibrations	C		5:55		5:55		1.14
Operational	O		256:40	16:35	273:15		52.45
Weather Standby	W		71:25	7:25	78:50		15.13
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		47:25		47:25		9.10
Survey Downtime	SD		27:06		27:06		5.20
PSO Mitigation	MT		16:47		16:47		3.22
Disputed Time	DT						
<b>TOTAL</b>			<b>497:00</b>	<b>24:00</b>	<b>521:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 528.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3660.40	MD WEA	5446.00	1670.60	115.00	1785.60	32.79%	
TOTALS:		3660.40	<b>TOTAL</b>	5446.00	1670.60	<b>115.00</b>	<b>1785.60</b>	32.79%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
7		2		2
Vessel guided tour				
Medical Treatment / First Aid Cases				
Tool Box Meetings		34	4	38
Incident Reports				
Near Miss Reports				
Savety Observation Card (SOB)		2		2
No. of survey Man-Hours worked since start of project or LTI.			8875:00	432:00
				9307:00


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

HH. EXPECTED WEATHER NEXT 24 HRS:  
N winds 10-15 kts, seas 3-4 ft

II. ANTICIPATED PROGRAM NEXT 24 HRS:  
resume survey operations in WEA

JJ. PARTY CHIEF'S COMMENTS: (Optional)  
We were forced into shore in the late afternoon after winds and seas building to 2+ meters. We remained near the survey area, prepared to resume survey operations once winds calmed down. Began PAMS observations before 24:00.

KK. REPRESENTATIVE'S COMMENTS: (Optional)

 For ALPINE <i>Justin Bailey</i> <b>Justin Bailey</b> (Survey Party Chief)		For US Wind    (Client Representative)
Vessel: <b>RV Shearwater</b>	Project No: <b>1751</b>	
Client: <b>US Wind</b>	Date: <b>23 June 2015</b>	
Location: <b>Ocean City, MD</b>	Report No. <b>022</b>	





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>24 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>23</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 25.41** Longitude: **74 44.33**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.89	10	W	1	na	rain	near west boundary WEA
08:00	30.00	11	NW	1	7	clear	WEA
16:00	30.01	light	var	<1	7	clear	WEA
24:00	30.04	light	var	<1	na	clear	WEA

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Cam Morrisette, Kaoiso Ryan</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Brett Young, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	0:28	0:28	W	PAMS observations pre-ramp
0:28	0:56	0:28	W	ramp-up equipment
0:56	16:57	16:01	O	continue survey in WEA
16:57	17:57	1:00	MT	sea turtle sighted in exclusion zone, 1-hr pre-ramp observation
17:57	18:20	0:23	MT	ramp-up equipment
18:20	24:00	5:40	O	continue survey in WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		11.19
Transit	T		10:42		10:42		1.96
Calibrations	C		5:55		5:55		1.09
Operational	O		273:15	21:41	294:56		54.12
Weather Standby	W		78:50	0:56	79:46		14.64
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		47:25		47:25		8.70
Survey Downtime	SD		27:06		27:06		4.97
PSO Mitigation	MT		16:47	1:23	18:10		3.33
Disputed Time	DT						
<b>TOTAL</b>			<b>521:00</b>	<b>24:00</b>	<b>545:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 552.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3511.40	MD WEA	5446.00	1785.60	149.00	1934.60	35.52%	
TOTALS:		3511.40	<b>TOTAL</b>	5446.00	1785.60	<b>149.00</b>	<b>1934.60</b>	35.52%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		2		2
Vessel guided tour				
Medical Treatment / First Aid Cases				
Tool Box Meetings		38	2	40
Incident Reports				
Near Miss Reports				
Savety Observation Card (SOB)		2		2
No. of survey Man-Hours worked since start of project or LTI.			9307:00	<b>432:00</b>
				<b>9739:00</b>

GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
NE winds 5 kts becoming SE 10-15 kts, seas 2-3 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
continue survey operations in WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Completed data acquisition over borehole sites.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**



For ALPINE

*Justin Bailey*

**Justin Bailey**  
(Survey Party Chief)

For US Wind

(Client Representative)

Vessel: **RV Shearwater**  
Client: **US Wind**  
Location: **Ocean City, MD**

Project No: **1751**  
Date: **24 June 2015**  
Report No. **023**





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>25 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>24</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA** Latitude: **38 14.839** Longitude: **74 44.435**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
00:00	30.04	light	var	<1	na	clear	WEA
08:00	30.08	5	NW	calm	7	clear	WEA
16:00	29.99	5	NW	<1	7	clear	WEA
24:00	29.91	15	S	<1	na	rain	WEA

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Cam Morrisette, Kaoiso Ryan</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Brett Young, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	12:42	12:42	O	continue survey operations in WEA
12:42	12:45	0:03	MT	PSO shutdown for dolohins in exclusion zone
12:45	13:05	0:20	MT	dolphins outside of exclusion zone, begin ramp-up
13:05	14:13	1:08	SD	trouble with chirp sbp, sort it out (did not shut down for more than 20 mins continuously)
14:13	24:00	9:47	O	continue survey operations in WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		10.72
Transit	T		10:42		10:42		1.88
Calibrations	C		5:55		5:55		1.04
Operational	O		294:56	22:29	317:25		55.79
Weather Standby	W		79:46		79:46		14.02
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		47:25		47:25		8.33
Survey Downtime	SD		27:06	1:08	28:14		4.96
PSO Mitigation	MT		18:10	0:23	18:33		3.26
Disputed Time	DT						
<b>TOTAL</b>			<b>545:00</b>	<b>24:00</b>	<b>569:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 576.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3336.40	MD WEA	5446.00	1934.60	175.00	2109.60	38.74%	
TOTALS:		3336.40	<b>TOTAL</b>	5446.00	2109.60	<b>175.00</b>	<b>2109.60</b>	38.74%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		2		2
Vessel guided tour				
Medical Treatment / First Aid Cases				
Tool Box Meetings		40	3	43
Incident Reports				
Near Miss Reports				
Savety Observation Card (SOB)		2		2
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		9739:00	<b>432:00</b>	<b>10171:00</b>

GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
 NW winds 5 to 10 kt becoming NE 10 to 15 kt with gusts up to 20 kt, Seas 2 to 3 ft, switching E winds 15 to 20 kt with gusts up to 25 kt. Seas 2 to 4 ft...building to 3 to 5 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
 Continue survey operations in WEA until weather conditions deteriorate - seek safe refuge in Delaware Bay overnight.

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
 Plan to continue survey operations on east / offshore end of WEA overnight, then work our way towards the west area closer to shore during day tomorrow in preparation of poor weather forecasted Friday afternoon/evening.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE <i>Justin Bailey</i> <b>Justin Bailey</b> (Survey Party Chief)		For US Wind    (Client Representative)
Vessel: <b>RV Shearwater</b>	Project No: <b>1751</b>	
Client: <b>US Wind</b>	Date: <b>25 June 2015</b>	
Location: <b>Ocean City, MD</b>	Report No. <b>024</b>	







**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>26 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>25</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **Delaware Bay, on Anchor** Latitude: **38 49.2704** Longitude: **75 6.2008**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.91	15	S	<1	na	rain	WEA
08:00	29.89	7	NW	1.3	5	hazy	WEA, seas building
16:00	29.96	10	E	1.5	5	hazy	approaching Delaware Bay
24:00							on anchor

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Cam Morrisette, Kaoiso Ryan</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Brett Young, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	6:30	6:30	O	
6:30	8:00	1:30	W	weather sea conditions poor / Move to west end of survey area
8:00	11:40	3:40	O	svp cast and resume survey ops west end of WEA
11:40	12:00	0:20	W	seas building, end survey and recover gear
12:00	16:40	4:40	W	transit to safe refuge in Delaware Bay
16:40	24:00	7:20	W	Anchored inside Delaware Bay, standby for weather

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		10.29
Transit	T		10:42		10:42		1.80
Calibrations	C		5:55		5:55		1.00
Operational	O		317:25	10:10	327:35		55.24
Weather Standby	W		79:46	13:50	93:36		15.78
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		47:25		47:25		8.00
Survey Downtime	SD		28:14		28:14		4.76
PSO Mitigation	MT		18:33		18:33		3.13
Disputed Time	DT						
<b>TOTAL</b>			<b>569:00</b>	<b>24:00</b>	<b>593:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 600.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3265.40	MD WEA	5446.00	2109.60	71.00	2180.60	40.04%	
TOTALS:		3265.40	<b>TOTAL</b>	5446.00	2109.60	<b>71.00</b>	<b>2180.60</b>	40.04%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)					
Incidents & Drills		Previous Events	Today's Events	Events To Date	
Project & HSE Briefings		3		3	
Ships Drill, MOB, Fire & Abandon Ship		2		2	
Vessel guided tour					
Medical Treatment / First Aid Cases					
Tool Box Meetings		43	2	45	
Incident Reports					
Near Miss Reports					
Savety Observation Card (SOB)		2		2	
No. of survey Man-Hours worked since start of project or LTI.			10171:00	<b>432:00</b>	<b>10603:00</b>


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
E winds 15-20 kts, seas 4 to 6 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
weather standby

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Confused sea states in morning, swells coming in from 3 directions. Moved to west end of survey area early in morning. After running first line in west end, seas were building earlier than forecasted. We were in the northwest end of the survey area and made decision to transit 5 hrs to safe harbor, otherwise we would be working our way further from safe refuge. Weather forecast poor for weekend, first usable weather may be on Sunday evening.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE <i>Justin Bailey</i> <b>Justin Bailey</b> (Survey Party Chief)	For <b>US Wind</b>    (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b>	Project No: <b>1751</b> Date: <b>26 June 2015</b> Report No. <b>025</b>





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>27 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>26</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>Delaware Bay, on Anchor</b>	Latitude: <b>38 49.2704</b>	Longitude: <b>75 6.2008</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00							on Anchor
08:00							on Anchor
16:00							on Anchor
24:00							on Anchor

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	<a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor:	<a href="#">Cam Morrisette, Kaoiso Ryan</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor:	<a href="#">Brett Young, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
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Client Rep.	
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<b>C4.</b>	<b>Personnel On Board:</b>					
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ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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<b>C5.</b>	<b>ALPINE'S Equipment:</b>			
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Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code
00:00	24:00	24:00	W

<b>EE.</b>	<b>PROJECT DATA:</b>
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E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		9.89
Transit	T		10:42		10:42		1.73
Calibrations	C		5:55		5:55		0.96
Operational	O		327:35		327:35		53.09
Weather Standby	W		93:36	24:00	117:36		19.06
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		47:25		47:25		7.69
Survey Downtime	SD		28:14		28:14		4.58
PSO Mitigation	MT		18:33		18:33		3.01
Disputed Time	DT						
<b>TOTAL</b>			<b>593:00</b>	<b>24:00</b>	<b>617:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 624.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3265.40	MD WEA	5446.00	2180.60		2180.60	40.04%	
TOTALS:		3265.40	<b>TOTAL</b>	5446.00	2180.60	<b>2180.60</b>	40.04%	

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		2		2
Vessel guided tour				
Medical Treatment / First Aid Cases				
Tool Box Meetings		45		45
Incident Reports				
Near Miss Reports				
Savety Observation Card (SOB)		2		2
<b>No. of survey Man-Hours worked since start of project or LTI.</b>			<b>10603:00</b>	<b>432:00</b>
				<b>11035:00</b>

GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
SW 10-15 seas 5-6 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
weather standby until usable weather

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
25-35 kt winds today kept us on anchor in Delaware Bay. First usable weather forecast later tonight or tomorrow morning. Will keep in contact with Ocean Discovery for weather updates and will transit back to the WEA when seas subside.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**



For ALPINE

*Justin Bailey*

**Justin Bailey**  
(Survey Party Chief)

For US Wind

(Client Representative)

Vessel: **RV Shearwater**  
Client: **US Wind**  
Location: **Ocean City, MD**

Project No: **1751**  
Date: **27 June 2015**  
Report No. **026**





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>28 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>27</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **Delaware Bay, on Anchor** Latitude: **38 49.2704** Longitude: **75 6.2008**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00							on anchor, Delaware Bay
08:00							on anchor, Delaware Bay
16:00							on anchor, Delaware Bay
24:00							on anchor, Delaware Bay

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Cam Morrisette, Kaoiso Ryan</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Brett Young, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	24:00	24:00	W	

**EE. PROJECT DATA:**



E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		9.52
Transit	T		10:42		10:42		1.67
Calibrations	C		5:55		5:55		0.92
Operational	O		327:35		327:35		51.11
Weather Standby	W		117:36	24:00	141:36		22.09
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		47:25		47:25		7.40
Survey Downtime	SD		28:14		28:14		4.40
PSO Mitigation	MT		18:33		18:33		2.89
Disputed Time	DT						
TOTAL			617:00	24:00	641:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 648.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3265.40	MD WEA	5446.00	2180.60		2180.60	40.04%	
TOTALS:		3265.40	TOTAL	5446.00	2180.60	2180.60	40.04%	

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	3		3	
		Ships Drill, MOB, Fire & Abandon Ship	2		2	
		Vessel guided tour				
		Medical Treatment / First Aid Cases				
		Tool Box Meetings	45		45	
		Incident Reports				
		Near Miss Reports				
		Safety Observation Card (SOB)	2		2	
No. of survey Man-Hours worked since start of project or LTI.			11035:00	432:00	11467:00	

GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs				
Consumed Today				
Received today				
ROB at 24:00 hrs				

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
W winds 10-15, gusting 25 kts, becoming SW 5-10 kts, seas 4-6 ft subsiding to 2-4 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Transit offshore to WEA and continue survey

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**



For ALPINE

*Justin Bailey*

**Justin Bailey**  
(Survey Party Chief)

For US Wind

(Client Representative)

Vessel: **RV Shearwater**  
Client: **US Wind**  
Location: **Ocean City, MD**

Project No: **1751**  
Date: **28 June 2015**  
Report No. **027**





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>01 April 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>28</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA** Latitude: **38 23.6237** Longitude: **74 46.3718**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00							on anchor, Delaware Bay
08:00	29.94	9	NW	1.5	7	clear	in transit to WEA
16:00	29.95	15	SW	1.3	7	clear	WEA
24:00	29.97	10	SW	1	na	clear	WEA

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Cam Morrisette, Kaoiso Ryan</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Brett Young, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	3:30	3:30	W	weather standby
3:30	4:00	0:30	W	fire up mains, prep for transit
4:00	8:07	4:07	W	pull anchor, transit to WEA
8:07	9:07	1:00	W	deploy PAMS - pre-ramp observations
9:07	9:54	0:47	W	ramp up equipment, prep for survey
9:54	13:22	3:28	O	continue survey operations WEA
13:22	14:22	1:00	MT	PSO shutdown for sea turtle, 1-hr pre-ramp observation
14:22	14:43	0:21	MT	ramp up equipment
14:43	24:00	9:17	O	continue survey operations WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		9.17
Transit	T		10:42		10:42		1.61
Calibrations	C		5:55		5:55		0.89
Operational	O		327:35	12:45	340:20		51.18
Weather Standby	W		141:36	9:54	151:30		22.78
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		47:25		47:25		7.13
Survey Downtime	SD		28:14		28:14		4.25
PSO Mitigation	MT		18:33	1:21	19:54		2.99
Disputed Time	DT						
<b>TOTAL</b>			<b>641:00</b>	<b>24:00</b>	<b>665:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= -1464.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3165.40	MD WEA	5446.00	2180.60	100.00	2280.60	41.88%	
TOTALS:		3165.40	<b>TOTAL</b>	5446.00	2180.60	<b>100.00</b>	<b>2280.60</b>	41.88%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		2		2
Vessel guided tour				
Medical Treatment / First Aid Cases				
Tool Box Meetings		45	2	47
Incident Reports				
Near Miss Reports				
Savety Observation Card (SOB)		2		2
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		11467:00	<b>432:00</b>	<b>11899:00</b>


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
SE winds 5-10 kts, increasing to 15-20 kts, seas 2-4 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
continue survey operations

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
We left anchorage at 0400 to transit back out to WEA. Survey operations continued without any problems, however we did have one PSO shutdown for a sea turtle.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE <i>Justin Bailey</i> <b>Justin Bailey</b> (Survey Party Chief)	For US Wind    (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b>	Project No: <b>1751</b> Date: <b>01 April 2015</b> Report No. <b>028</b>





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>30 June 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>29</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 22.788** Longitude: **74 46.459**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.97	10	SW	1	na	clear	WEA
08:00	29.96	10	SW	1	7	clear	WEA
16:00	29.88	15	SW	1.2	7	clear	WEA
24:00	29.84	20	SW	2	na	hazy	WEA

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Cam Morrisette, Kaoiso Ryan</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Brett Young, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	9:46	9:46	O	continue survey ops WEA
9:46	10:09	0:23	MT	PSO ramp-down, dolphins in exclusion zone (voluntary bow riding)
10:09	10:38	0:29	MT	begin ramp up
10:38	15:27	4:49	O	continue survey ops WEA
15:27	16:27	1:00	MT	PSO shut-down for turtle in exclusion zone, 1-hr pre-ramp watch
16:27	16:51	0:24	MT	ramp-up equipment
16:51	24:00	7:09	O	continue survey ops WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		8.85
Transit	T		10:42		10:42		1.55
Calibrations	C		5:55		5:55		0.86
Operational	O		340:20	21:44	362:04		52.55
Weather Standby	W		151:30		151:30		21.99
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		47:25		47:25		6.88
Survey Downtime	SD		28:14		28:14		4.10
PSO Mitigation	MT		19:54	2:16	22:10		3.22
Disputed Time	DT						
<b>TOTAL</b>			<b>665:00</b>	<b>24:00</b>	<b>689:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 696.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	3006.40	MD WEA	5446.00	2280.60	159.00	2439.60	44.80%	
TOTALS:		3006.40	<b>TOTAL</b>	5446.00	2280.60	<b>159.00</b>	<b>2439.60</b>	44.80%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills		Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		2		2
Vessel guided tour				
Medical Treatment / First Aid Cases				
Tool Box Meetings		47	3	50
Incident Reports				
Near Miss Reports				
Savety Observation Card (SOB)		2		2
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		11899:00	<b>432:00</b>	<b>12331:00</b>


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
SW wind 10-15 kts, seas 3-5 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
continue survey operations in WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Good progress today with 2 protected species sightings, a pod of dolphins and a sea turtle. Weather picked up in evening with 20+ kt SW winds and borderline survey conditions (4.5+ ft seas). Survey operations continue as of 24:00.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE <i>Justin Bailey</i> <b>Justin Bailey</b> (Survey Party Chief)		For <b>US Wind</b>     (Client Representative)
Vessel: <b>RV Shearwater</b>	Project No: <b>1751</b>	
Client: <b>US Wind</b>	Date: <b>30 June 2015</b>	
Location: <b>Ocean City, MD</b>	Report No. <b>029</b>	







**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>01 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>30</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 24.3428** Longitude: **74 49.9331**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.84	20	SW	1.6	na	hazy	WEA
08:00	29.85	12	SW	1.3	5	hazy	WEA
16:00	29.84	12	W	1.3	5	hazy	WEA
24:00	29.89	5	SW	1	na	hazy	WEA

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Cam Morrisette, Kaoiso Ryan</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Brett Young, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	6:30	6:30	O	continue survey operations WEA
6:30	6:33	0:03	MT	dolphins sighted, power down equipment
6:33	7:02	0:29	MT	ramp up equipment
7:02	13:42	6:40	O	continue survey operations WEA
13:42	14:42	1:00	MT	PSO shutdown for turtle, 1-hr pre-ramp watch
14:42	15:11	0:29	MT	ramp up equipment
15:11	24:00	8:49	O	continue survey operations WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		8.56
Transit	T		10:42		10:42		1.50
Calibrations	C		5:55		5:55		0.83
Operational	O		362:04	21:59	384:03		53.86
Weather Standby	W		151:30		151:30		21.25
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		47:25		47:25		6.65
Survey Downtime	SD		28:14		28:14		3.96
PSO Mitigation	MT		22:10	2:01	24:11		3.39
Disputed Time	DT						
TOTAL			689:00	24:00	713:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 720.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	2852.40	MD WEA	5446.00	2439.60	154.00	2593.60	47.62%	
TOTALS:		2852.40	TOTAL	5446.00	2439.60	154.00	2593.60	47.62%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)					
		Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings			3		3
Ships Drill, MOB, Fire & Abandon Ship			2		2
Vessel guided tour					
Medical Treatment / First Aid Cases					
Tool Box Meetings			50	2	52
Incident Reports					
Near Miss Reports					
Savety Observation Card (SOB)			2		2
No. of survey Man-Hours worked since start of project or LTI.			12331:00	432:00	12763:00


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs			
Consumed Today			
Received today			
ROB at 24:00 hrs			

HH. EXPECTED WEATHER NEXT 24 HRS:  
variable winds, seas 2-3 ft

II. ANTICIPATED PROGRAM NEXT 24 HRS:  
continue survey operations

JJ. PARTY CHIEF'S COMMENTS: (Optional)  
Operations continue to run smoothly, two PSO sightings today. We plant to make the next port call on Monday to re-supply and change out several crew members. Weather forecast good for the next 24-36 hours but may degrade on Friday evening - if winds pickup to 20+ kts out of the east as forecasted we may have to anchor in Delaware Bay. Weekend forecast sounds favorable.

KK. REPRESENTATIVE'S COMMENTS: (Optional)

 <p>For ALPINE <i>Justin Bailey</i></p>		<p>For US Wind</p>
<p><b>Justin Bailey</b> (Survey Party Chief)</p>		<p>(Client Representative)</p>
Vessel: <b>RV Shearwater</b>	Project No: <b>1751</b>	
Client: <b>US Wind</b>	Date: <b>01 July 2015</b>	
Location: <b>Ocean City, MD</b>	Report No. <b>030</b>	





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>02 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>31</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 21.1051** Longitude: **74 49.8423**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.89	5	SW	1.3	na	hazy	WEA
08:00	29.87	3	SE	1.2	3	foggy	WEA
16:00	29.84	10	NE	1.3	3	foggy	WEA
24:00	29.88	5	NW	1	3	foggy	WEA

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Justin Bailey</a>	PSO: <a href="#">Sharon Doake, Teresa Martin</a>	Processor: <a href="#">Dan Whitesell, Kelly Johns</a>
Shift Supervisor: <a href="#">Cam Morrisette, Kaoiso Ryan</a>	PSO: <a href="#">Randal Counihan, Sam Tufano</a>	
Surveyor: <a href="#">Brett Young, Trevor Hoskins</a>	PSO: <a href="#">Jack Allum</a>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:		VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	12:42	12:42	O	continue survey operations in WEA
12:42	13:17	0:35	MT	PSO shutdown for fog (restricted visibility)
13:17	14:17	1:00	MT	fog cleared, start 1-hr watch
14:17	14:59	0:42	MT	start ramp up, maneuver to survey line
14:59	24:00	9:01	O	continue survey operations in WEA

**EE. PROJECT DATA:**

E1.		Time Summary:					
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00		61:00		8.28
Transit	T		10:42		10:42		1.45
Calibrations	C		5:55		5:55		0.80
Operational	O		384:03	21:43	405:46		55.06
Weather Standby	W		151:30		151:30		20.56
Standby on Client	S						
Vessel Downtime	VD						
Port Standby	PS		47:25		47:25		6.43
Survey Downtime	SD		28:14		28:14		3.83
PSO Mitigation	MT		24:11	2:17	26:28		3.59
Disputed Time	DT						
<b>TOTAL</b>			<b>713:00</b>	<b>24:00</b>	<b>737:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 744.00

E2.		Survey Progress:						
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	2696.40	MD WEA	5446.00	2593.60	156.00	2749.60	50.49%	
TOTALS:		2696.40	<b>TOTAL</b>	5446.00	2593.60	<b>156.00</b>	<b>2749.60</b>	50.49%

FF.		SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
		Incidents & Drills	Previous Events	Today's Events	Events To Date	
		Project & HSE Briefings	3		3	
		Ships Drill, MOB, Fire & Abandon Ship	2		2	
		Vessel guided tour				
		Medical Treatment / First Aid Cases				
		Tool Box Meetings	52	2	54	
		Incident Reports				
		Near Miss Reports				
		Safety Observation Card (SOB)	2		2	
<b>No. of survey Man-Hours worked since start of project or LTI.</b>			<b>12763:00</b>	<b>432:00</b>	<b>13195:00</b>	

GG.		VESSEL ROB's at 24:00hrs		
		Fuel (T)	Lube Oil (L)	Water (T)
ROB at 00:00 hrs				
Consumed Today				
Received today				
ROB at 24:00 hrs				

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
E winds 5-10 kts, seas 2-4 ft

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
continue survey operations WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Rain and thunderstorms throughout the day, PSO shutdown during period of dense fog - restricted visibility. Wind/sea conditions favorable for continued survey operations. Forecast sounds good, plan to make port call on Monday 12:00.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**



For ALPINE

*Justin Bailey*

**Justin Bailey**  
(Survey Party Chief)

For US Wind

(Client Representative)

Vessel: **RV Shearwater**  
Client: **US Wind**  
Location: **Ocean City, MD**

Project No: **1751**  
Date: **02 July 2015**  
Report No. **031**





**DAILY REPORT**

Vessel:	RV Shearwater	Project No:	1751
Client:	US Wind	Today's Date:	03 July 2015
Location:	Ocean City, MD	Report No:	32
Project:	Maryland WEA SAP Survey	Start Date:	02 June 2015

All times are **Local** (GMT - 4:00 hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	WEA Survey Area	Latitude: <b>38 20.1290</b>	Longitude: <b>74 49.7291</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.88	5	NW	1	3	foggy	WEA
08:00	29.94	5	N	1	5	hazy	WEA
16:00	29.98	7	SE	1	5	hazy	WEA
24:00	29.94	10	SE	1	5	hazy	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Justin Bailey	PSO: Sharon Doake, Teresa Martin	Processor: Dan Whitesell, Kelly Johns
Shift Supervisor:	Cam Morrisette, Kaoiso Ryan	PSO: Randal Counihan, Sam Tufano	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Jack Allum	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	9	CLIENT:	0	VESSEL:	6	OTHERS:	3	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>		
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Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	24:00	24:00	O	continue survey operations in WEA

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total	
Mobilization	M	61:00	0:00	61:00	8.02	

Transit	T		10:42	0:00	10:42		1.41
Calibrations	C		5:55	0:00	5:55		0.78
Operational	O		405:46	24:00	429:46		56.47
Weather Standby	W		151:30	0:00	151:30		19.91
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		47:25	0:00	47:25		6.23
Survey Downtime	SD		28:14	0:00	28:14		3.71
PSO Mitigation	MT		26:28	0:00	26:28		3.48
Disputed Time	DT		0:00	0:00	0:00		0.00
<b>TOTAL</b>			<b>737:00</b>	<b>24:00</b>	<b>761:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 768.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	2496.40	MD WEA	5446.00	2749.60	200.00	2949.60	54.16%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>2496.40</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>2593.60</b>	<b>200.00</b>	<b>2949.60</b>	<b>54.16%</b>

**FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)**

Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings	3		3
Ships Drill, MOB, Fire & Abandon Ship	2		2
Vessel guided tour	0		0
Medical Treatment / First Aid Cases	0		0
Tool Box Meetings	54	2	56
Incident Reports	0		0
Near Miss Reports	0		0
Safety Observation Card (SOB)	2		2
	0		0
	0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		<b>13195:00</b>	<b>432:00</b>
			<b>13627:00</b>

**GG. VESSEL ROB's at 24:00hrs**

	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**

E 10 kts becoming SE 10-20 kts, seas 2-4 ft


**II. ANTICIPATED PROGRAM NEXT 24 HRS:**

continue survey operations

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**

Good production today without any hiccups or PSO shutdowns.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE <i>Justin Bailey</i>	For US Wind  0 (Client Representative)
<b>Justin Bailey</b> (Survey Party Chief)	
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b> Project: <b>Maryland WEA SAP Survey</b>	Project No: <b>1751</b> Date: <b>03 July 2015</b> Report No. <b>032</b>





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>04 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>33</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 21.7659</b>	Longitude: <b>74 49.4875</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.88	5	NW	1	3	foggy	WEA
08:00	29.83	20	E	1.5	2	foggy	WEA
16:00	29.91	10	NE	1.5	7	hazy	WEA
24:00	29.99	4	SE	1.5	7	hazy	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Justin Bailey	PSO: Sharon Doake, Teresa Martin	Processor: Dan Whitesell, Kelly Johns
Shift Supervisor:	Cam Morrisette, Kaoiso Ryan	PSO: Randal Counihan, Sam Tufano	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Jack Allum	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>		
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Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	


<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	8:50	8:50	O	continue survey operations WEA
8:50	15:35	6:45	W	seas continuing to build, 20+ kt East wind, end survey and standby for weather
15:35	16:35	1:00	W	deploy PAMS and start observations
16:35	17:00	0:25	W	ramp up equipment
17:00	24:00	7:00	O	continue survey operations WEA

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	7.77

Transit	T		10:42	0:00	10:42		1.36	
Calibrations	C		5:55	0:00	5:55		0.75	
Operational	O		429:46	15:50	445:36		56.76	
Weather Standby	W		151:30	8:10	159:40		20.34	
Standby on Client	S		0:00	0:00	0:00		0.00	
Vessel Downtime	VD		0:00	0:00	0:00		0.00	
Port Standby	PS		47:25	0:00	47:25		6.04	
Survey Downtime	SD		28:14	0:00	28:14		3.60	
PSO Mitigation	MT		26:28	0:00	26:28		3.37	
Disputed Time	DT		0:00	0:00	0:00		0.00	
<b>TOTAL</b>			<b>761:00</b>	<b>24:00</b>	<b>785:00</b>		<b>100.00%</b>	
<i>Hrs. of Daily Operations 24</i>			<b>Cumulative Hours Check Value= 792.00</b>					
<b>E2. Survey Progress:</b>								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	2372.40	MD WEA	5446.00	2949.60	124.00	3073.60	56.44%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
TOTALS:		2372.40	<b>TOTAL</b>	5446.00	2949.60	<b>124.00</b>	<b>3073.60</b>	56.44%
<b>FF. SAFETY (Details &amp; Figures for Vessel and Survey Crews and Client Representatives)</b>								
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
Project & HSE Briefings				3			3	
Ships Drill, MOB, Fire & Abandon Ship				2			2	
Vessel guided tour				0			0	
Medical Treatment / First Aid Cases				0			0	
Tool Box Meetings				56	2		58	
Incident Reports				0			0	
Near Miss Reports				0			0	
Savety Observation Card (SOB)				2			2	
				0			0	
				0			0	
<b>No. of survey Man-Hours worked since start of project or LTI.</b>				<b>13627</b>	<b>432</b>		<b>14059</b>	
<b>GG. VESSEL ROB's at 24:00hrs</b>								
		Fuel (T)	Lube Oil (L)	Water (T)				
		0.00	0.00	0.00				
ROB at 00:00 hrs		0.00	0.00	0.00				
Consumed Today		0.00	0.00	0.00				
Received today		0.00	0.00	0.00				
ROB at 24:00 hrs		0.00	0.00	0.00				
<b>HH. EXPECTED WEATHER NEXT 24 HRS:</b>								
NE winds 5-10 kts, seas 2-3 ft								
<b>II. ANTICIPATED PROGRAM NEXT 24 HRS:</b>								
continue survey operations WEA								
<b>JJ. PARTY CHIEF'S COMMENTS: (Optional)</b>								
Easterly winds picked up today with swells approaching 1.5-2 meters between 08:00-15:00. We went on weather standby but did not leave the WEA due to forecast for better weather in afternoon. Resumed survey operations after winds and seas started to decrease with improving weather conditions overnight. Port call on Monday morning at high tide around 12:00.								
<b>KK. REPRESENTATIVE'S COMMENTS: (Optional)</b>								
For ALPINE					For US Wind			
 <i>Justin Bailey</i>					0			
Justin Bailey (Survey Party Chief)					(Client Representative)			
Vessel:	RV Shearwater	Project No:	1751					
Client:	US Wind	Date:	04 July 2015					
Location:	Ocean City, MD	Report No.	033					
Project:	Maryland WEA SAP Survey							



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>05 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>34</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 27.0798</b>	Longitude: <b>74 48.8575</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.99	4	SE	1.5	7	hazy	WEA
08:00	30.11	5	E	1.3	7	hazy	WEA
16:00	30.13	5	SE	1.0	7	hazy	WEA
24:00	30.14	5	SE	1	7	hazy	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Justin Bailey	PSO: Sharon Doake, Teresa Martin	Processor: Dan Whitesell, Kelly Johns
Shift Supervisor:	Cam Morrisette, Kaois Ryan	PSO: Randal Counihan, Sam Tufano	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Jack Allum	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>		
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Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	24:00	24:00	O	continue survey operations WEA

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total	
Mobilization	M	61:00	0:00	61:00	7.54	

Transit	T	10:42	0:00	10:42	1.32
Calibrations	C	5:55	0:00	5:55	0.73
Operational	O	445:36	24:00	469:36	58.05
Weather Standby	W	159:40	0:00	159:40	19.74
Standby on Client	S	0:00	0:00	0:00	0.00
Vessel Downtime	VD	0:00	0:00	0:00	0.00
Port Standby	PS	47:25	0:00	47:25	5.86
Survey Downtime	SD	28:14	0:00	28:14	3.49
PSO Mitigation	MT	26:28	0:00	26:28	3.27
Disputed Time	DT	0:00	0:00	0:00	0.00
<b>TOTAL</b>		<b>785:00</b>	<b>24:00</b>	<b>809:00</b>	<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 816.00

E2. Survey Progress:							
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
HRG Survey WEA	2184.40	MD WEA	5446.00	3073.60	188.00	3261.60	59.89%
0	0.00	0	0.00	0.00		0.00	
0	0.00	0	0.00	0.00		0.00	
0	0.00	0	0.00	0.00		0.00	
<b>TOTALS:</b>	<b>2184.40</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>3073.60</b>	<b>188.00</b>	<b>3261.60</b>	<b>59.89%</b>

**FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)**

Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings	3		3
Ships Drill, MOB, Fire & Abandon Ship	2		2
Vessel guided tour	0		0
Medical Treatment / First Aid Cases	0		0
Tool Box Meetings	58	3	61
Incident Reports	0		0
Near Miss Reports	0		0
Safety Observation Card (SOB)	2		2
	0		0
	0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>	<b>14059</b>	<b>432</b>	<b>14491</b>

**GG. VESSEL ROB's at 24:00hrs**

	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**

S wids 5-15 kts, seas 2-4 ft


**II. ANTICIPATED PROGRAM NEXT 24 HRS:**

continue survey operations until port call at mid-day

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**

Good day with no marine mammal sightings and no problems. Port call in Ocean City tomorrow at 13:00 high tide.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

	For ALPINE	For US Wind	
	Justin Bailey (Survey Party Chief)	0 (Client Representative)	
Vessel:	RV Shearwater	Project No:	1751
Client:	US Wind	Date:	05 July 2015
Location:	Ocean City, MD	Report No.	034
Project:	Maryland WEA SAP Survey		



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>06 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>35</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude:	Longitude:

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.99	4	SE	1.5	7	hazy	WEA
08:00	30.12	5	S	<1	7	hazy	WEA
16:00							Alongside
24:00							Alongside

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Dan Whitesell	PSO: Sharon Doake, Teresa Martin	Processor: Cam Morrissette, Kelly Johns
Shift Supervisor:	Kaios Ryan, Rob Vietri	PSO: Robert Lee, Lee Slater	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Sam Tufano	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>		
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Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:	Justin Bailey, Randal Counihan, Jack Allum	Personnel:	Rob Vietri, Robert Lee, Lee Slater
Equipment:		Equipment:	


<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	9:00	9:00	O	continue survey operations WEA
9:00	9:15	0:15	O	recover equipment
9:15	13:00	3:45	T	transit to Ocean City for port call
13:00	24:00	11:00	PS	alongside at USCG in Ocean City
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		
		0:00		

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	7.32

Transit	T		10:42	3:45	14:27		1.73	
Calibrations	C		5:55	0:00	5:55		0.71	
Operational	O		469:36	9:15	478:51		57.48	
Weather Standby	W		159:40	0:00	159:40		19.17	
Standby on Client	S		0:00	0:00	0:00		0.00	
Vessel Downtime	VD		0:00	0:00	0:00		0.00	
Port Standby	PS		47:25	11:00	58:25		7.01	
Survey Downtime	SD		28:14	0:00	28:14		3.39	
PSO Mitigation	MT		26:28	0:00	26:28		3.18	
Disputed Time	DT		0:00	0:00	0:00		0.00	
<b>TOTAL</b>			<b>809:00</b>	<b>24:00</b>	<b>833:00</b>		<b>100.00%</b>	
<i>Hrs. of Daily Operations 24</i>			<b>Cumulative Hours Check Value= 840.00</b>					
<b>E2. Survey Progress:</b>								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	2108.40	MD WEA	5446.00	3261.60	76.01	3337.61	61.29%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
TOTALS:		2108.40	<b>TOTAL</b>	5446.00	3261.60	<b>76.01</b>	<b>3337.61</b>	61.29%
<b>FF. SAFETY (Details &amp; Figures for Vessel and Survey Crews and Client Representatives)</b>								
Incidents & Drills				Previous Events	Today's Events	Events To Date		
Project & HSE Briefings				3		3		
Ships Drill, MOB, Fire & Abandon Ship				2		2		
Vessel guided tour				0		0		
Medical Treatment / First Aid Cases				0		0		
Tool Box Meetings				61	1	62		
Incident Reports				0		0		
Near Miss Reports				0		0		
Savety Observation Card (SOB)				2		2		
				0		0		
				0		0		
<b>No. of survey Man-Hours worked since start of project or LTI.</b>				14491	432	14923		
<b>GG. VESSEL ROB's at 24:00hrs</b>								
		Fuel (T)	Lube Oil (L)	Water (T)				
		0.00	0.00	0.00				
ROB at 00:00 hrs		0.00	0.00	0.00				
Consumed Today		0.00	0.00	0.00				
Received today		0.00	0.00	0.00				
ROB at 24:00 hrs		0.00	0.00	0.00				
<b>HH. EXPECTED WEATHER NEXT 24 HRS:</b>								
<b>II. ANTICIPATED PROGRAM NEXT 24 HRS:</b>								
Port Standby								
<b>JJ. PARTY CHIEF'S COMMENTS: (Optional)</b>								
Took on fuel from 15:00-17:00. Party Chief J. Bailey left vessel at 14:30-replaced by D. Whitesell. Alpine personnel Rob Vietri arrived quayside at 15:00. PSO's Randal Counihan and Jack Allum left vessel at 16:00. Replacement PSO's Robert Lee and Lee Slater arrived quayside at 17:00. Tuesday the Shearwater will take on food and water on port standby.								
<b>KK. REPRESENTATIVE'S COMMENTS: (Optional)</b>								
For ALPINE					For US Wind			
 <i>Daniel Whitesell</i>					0			
Dan Whitesell (Survey Party Chief)					(Client Representative)			
Vessel:	RV Shearwater	Project No:	1751					
Client:	US Wind	Date:	06 July 2015					
Location:	Ocean City, MD	Report No.	035					
Project:	Maryland WEA SAP Survey							



**DAILY REPORT**

Vessel:	RV Shearwater	Project No:	1751
Client:	US Wind	Today's Date:	07 July 2015
Location:	Ocean City, MD	Report No:	36
Project:	Maryland WEA SAP Survey	Start Date:	02 June 2015

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	WEA Survey Area	Latitude: <b>38 19.6813</b>	Longitude: <b>75 5.4852</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00							Alongside
08:00							Alongside
16:00							Alongside
24:00							Alongside

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Dan Whitesell	PSO: Sharon Doake, Teresa Martin	Processor: Cam Morrissette, Kelly Johns
Shift Supervisor:	Kaios Ryan, Rob Vietri	PSO: Robert Lee, Lee Slater	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Sam Tufano	

<b>C2.</b>	<b>Additional Personnel</b>		
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<b>C3.</b>	<b>Client Personnel:</b>		
Client Rep.			

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	9	CLIENT:	0	VESSEL:	6	OTHERS:	3	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>						
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Applanix POS MV	ODOM CVM Singlebeam			
Klein 3900 Side Scan Sonar	Valeport SVP			
Geometrics G882 Magnetometer	Gardline PAMS Mark III			
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI			

<b>C6.</b>	<b>Additional Equipment</b>						
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>						
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Off Vessel				On Vessel			
Personnel:				Personnel:			
Equipment:				Equipment:			

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>						
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From	To	hrs	Code	
00:00	24:00	24:00	PS	Alongside in Ocean City, MD

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	7.12

Transit	T		14:27	0:00	14:27		1.69
Calibrations	C		5:55	0:00	5:55		0.69
Operational	O		478:51	0:00	478:51		55.88
Weather Standby	W		159:40	0:00	159:40		18.63
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		58:25	24:00	82:25		9.62
Survey Downtime	SD		28:14	0:00	28:14		3.29
PSO Mitigation	MT		26:28	0:00	26:28		3.09
Disputed Time	DT		0:00	0:00	0:00		0.00
<b>TOTAL</b>			<b>833:00</b>	<b>24:00</b>	<b>857:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 864.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	2108.40	MD WEA	5446.00	3337.61		3337.61	61.29%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>2108.40</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>3337.61</b>	<b>0.00</b>	<b>3337.61</b>	<b>61.29%</b>

**FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)**

Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings	3		3
Ships Drill, MOB, Fire & Abandon Ship	2		2
Vessel guided tour	0		0
Medical Treatment / First Aid Cases	0		0
Tool Box Meetings	62		62
Incident Reports	0		0
Near Miss Reports	0		0
Safety Observation Card (SOB)	2		2
	0		0
	0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		<b>14923</b>	<b>432</b>
			<b>15355</b>

**GG. VESSEL ROB's at 24:00hrs**

	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**

Winds out of the SW 8-10 Kts. Seas 3-4 feet


**II. ANTICIPATED PROGRAM NEXT 24 HRS:**

Transit back to survey site at 1300 hours and begin offshore operations.

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**

The Shearwater took on food and water and performed minor engine maintenance. Crew members Sydney Sanchez and Mike masek left the vessel at 8:30. New crew member Brandon Worley arrived at Shearwater at 12:00.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 <p>For ALPINE</p> <p><i>Daniel Whitesell</i></p> <p><b>Dan Whitesell</b> (Survey Party Chief)</p>	<p>For <b>US Wind</b></p> <p><b>0</b> (Client Representative)</p>
<p>Vessel: <b>RV Shearwater</b></p> <p>Client: <b>US Wind</b></p> <p>Location: <b>Ocean City, MD</b></p> <p>Project: <b>Maryland WEA SAP Survey</b></p>	<p>Project No: <b>1751</b></p> <p>Date: <b>07 July 2015</b></p> <p>Report No. <b>036</b></p>





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>08 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>37</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 20.541763</b>	Longitude: <b>74 48.625932</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM in	WIND Speed kts Dir		WAVE HEIGHT m	VISIB. nmi	SKY CONDS	REMARKS
00:00							Alongside
08:00							Alongside
16:00	30.0	10	SSW	<1	8	sunny	WEA
24:00	29.97	12	SSE	<1	N/a	clear	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Dan Whitesell	PSO: Sharon Doake, Teresa Martin	Processor: Cam Morrisette, Kelly Johns
Shift Supervisor:	Kaios Ryan, Rob Vietri	PSO: Robert Lee, Lee Slater	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Sam Tufano	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>		
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Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	11:25	11:25	PS	Alongside USCG station dock in Ocean City, MD
11:25	14:11	2:46	T	Depart dock and transit to south end of WEA
14:11	15:11	1:00	T	deploy PAMS for pre-ramp up observations during transit
15:11	15:44	0:33	O	Ramped up survey equipment, performed SVP cast and deployed towed sonar array
15:44	24:00	8:16	O	Continue survey operations

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	6.92

Transit	T	14:27	3:46	18:13	2.07
Calibrations	C	5:55	0:00	5:55	0.67
Operational	O	478:51	8:49	487:40	55.35
Weather Standby	W	159:40	0:00	159:40	18.12
Standby on Client	S	0:00	0:00	0:00	0.00
Vessel Downtime	VD	0:00	0:00	0:00	0.00
Port Standby	PS	82:25	11:25	93:50	10.65
Survey Downtime	SD	28:14	0:00	28:14	3.20
PSO Mitigation	MT	26:28	0:00	26:28	3.00
Disputed Time	DT	0:00	0:00	0:00	0.00
		0:00			
<b>TOTAL</b>		<b>857:00</b>	<b>24:00</b>	<b>881:00</b>	<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 888.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	2034.62	MD WEA	5446.00	3337.61	73.78	3411.39	62.64%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>2034.62</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>3337.61</b>	<b>73.78</b>	<b>3411.39</b>	<b>62.64%</b>

**FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)**

Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings	3		3
Ships Drill, MOB, Fire & Abandon Ship	2		2
Vessel guided tour	0		0
Medical Treatment / First Aid Cases	0		0
Tool Box Meetings	62	2	64
Incident Reports	0		0
Near Miss Reports	0		0
Safety Observation Card (SOB)	2		2
	0		0
	0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		<b>15355</b>	<b>432</b>
			<b>15787</b>

**GG. VESSEL ROB's at 24:00hrs**

	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**

clear skies, winds 8 kts from the SSE, seas 1-2 ft.


**II. ANTICIPATED PROGRAM NEXT 24 HRS:**

Continues survey operations.

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**

Continued survey operations in western area of WEA. Winds from the south picked up to 15 Kts out of south at beginning of operations with sea state of 3-4 ft. but calmed within a few hours. Weather is expected to be moderately calm for following days.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

	For ALPINE		For US Wind
	<i>Daniel Whitesell</i>		
	<b>Dan Whitesell</b> (Survey Party Chief)		<b>0</b> (Client Representative)
Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Date:	<b>08 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No.	<b>037</b>
Project:	<b>Maryland WEA SAP Survey</b>		



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>09 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>38</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	WEA Survey Area	Latitude: <b>38 22.42162914</b>	Longitude: <b>74 48.43851606</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.97	12	SSE	<1	N/a	clear	WEA
08:00	29.98	8	SSE	<1	8	sunny and clear	WEA
16:00	29.98	5	S	<1	8	sunny and clear	WEA
24:00	29.87	22	S	1	N/A	clear	WEA

**CC. PERSONNEL & EQUIPMENT:**

<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Dan Whitesell	PSO: Sharon Doake, Teresa Martin	Processor: Cam Morrisette, Kelly Johns
Shift Supervisor:	Kaios Ryan, Rob Vietri	PSO: Robert Lee, Lee Slater	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Sam Tufano	

**C2. Additional Personnel**

<b>C3.</b>	<b>Client Personnel:</b>		
Client Rep.			

<b>C4.</b>	<b>Personnel On Board:</b>								
ALPINE:	9	CLIENT:	0	VESSEL:	6	OTHERS:	3	TOTAL	18

<b>C5.</b>	<b>ALPINE'S Equipment:</b>						
Applanix POS MV	ODOM CVM Singlebeam						
Klein 3900 Side Scan Sonar	Valeport SVP						
Geometrics G882 Magnetometer	Gardline PAMS Mark III						
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI						

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
<b>Personnel:</b>		<b>Personnel:</b>	
<b>Equipment:</b>		<b>Equipment:</b>	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	11:16	11:16	O	Continued survey operations in WEA
11:16	12:16	1:00	MT	PSO shutdown for sea turtle
12:16	12:36	0:20	MT	Ramped up survey equipment
12:36	18:25	5:49	O	Resumed and continued survey operations in WEA
18:25	18:30	0:05	MT	Powered down for dolphins in mitigation zone
18:30	18:47	0:17	MT	Dolphins left mitigation zone; Ramp up procedure started
18:47	18:58	0:11	MT	Powered down for dolphins in mitigation zone
18:58	19:18	0:20	MT	Dolphins left mitigation zone; Ramp up procedure started
19:18	21:15	1:57	O	Ramp up procedure completed; continued survey operations in WEA
21:15	21:22	0:07	MT	Dolphins detected in mitigation zone; powered down
21:22	21:29	0:07	O	Dolphins left mitigation zone; Ramp up procedure started
21:29	21:39	0:10	MT	Ramp up procedure stopped; dolphins re-entered mitigation zone
21:39	22:05	0:26	MT	Dolphins left mitigation zone; Ramp up procedure started
22:05	24:00	1:55	O	Ramp up procedure completed; continued survey operations in WEA

**EE. PROJECT DATA:**

<b>E1.</b>	<b>Time Summary:</b>						
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00	0:00	61:00		6.74
Transit	T		18:13	0:00	18:13		2.01
Calibrations	C		5:55	0:00	5:55		0.65
Operational	O		487:40	21:04	508:44		56.21

Weather Standby	W		159:40	0:00	159:40		17.64
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		93:50	0:00	93:50		10.37
Survey Downtime	SD		28:14	0:00	28:14		3.12
PSO Mitigation	MT		26:28	2:56	29:24		3.25
Disputed Time	DT		0:00	0:00	0:00		0.00
			0:00				
TOTAL			881:00	24:00	905:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 912.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
0	1859.52	MD WEA	5446.00	3411.39	175.10	3586.49	65.86%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
#VALUE!	0.00	0	0.00	0.00		0.00		
TOTALS:		1859.52	TOTAL	5446.00	3411.39	175.10	3586.49	65.86%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
	Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings		3		3
Ships Drill, MOB, Fire & Abandon Ship		2		2
Vessel guided tour		0		0
Medical Treatment / First Aid Cases		0		0
Tool Box Meetings		64	3	67
Incident Reports		0		0
Near Miss Reports		0		0
Safety Observation Card (SOB)		2		2
		0		0
		0		0
No. of survey Man-Hours worked since start of project or LTI.		15787	432	16219


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

HH. EXPECTED WEATHER NEXT 24 HRS:  
Sunny and clear. Winds 14-17 Kts out of the NW. Seas 3-4 Ft.

II. ANTICIPATED PROGRAM NEXT 24 HRS:  
Continue survey operations in WEA

JJ. PARTY CHIEF'S COMMENTS: (Optional)  
Weather picked up around 1800 local time to 20 Kts out of the south and 3-4 Ft. seas. Higher wind speeds and moderate seas remained throughout the night but survey operations continued.

KK. REPRESENTATIVE'S COMMENTS: (Optional)

 For ALPINE <i>Daniel Whitesell</i> Dan Whitesell (Survey Party Chief)	For US Wind    0 (Client Representative)
Vessel: RV Shearwater Client: US Wind Location: Ocean City, MD Project: Maryland WEA SAP Survey	Project No: 1751 Date: 09 July 2015 Report No. 038



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>10 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>39</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 20.55638724</b>	Longitude: <b>74 48.1023012</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.97	12	SSE	<1	N/a	clear	WEA
08:00	29.96	20	NW	1	8	clear and sunny	WEA
16:00	29.99	16	NW	<1	8	clear and sunny	WEA
24:00	30.02	8	SSE	<1	N/a	clear	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
<b>C1.</b>	<b>Alpine OSS Personnel:</b>		

Party Chief:	Dan Whitesell	PSO: Sharon Doake, Teresa Martin	Processor: Cam Morrisette, Kelly Johns
Shift Supervisor:	Kaios Ryan, Rob Vietri	PSO: Robert Lee, Lee Slater	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Sam Tufano	

<b>C2.</b>	<b>Additional Personnel</b>		
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<b>C3.</b>	<b>Client Personnel:</b>		
Client Rep.			

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>						
Applanix POS MV	ODOM CVM Singlebeam						
Klein 3900 Side Scan Sonar	Valeport SVP						
Geometrics G882 Magnetometer	Gardline PAMS Mark III						
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI						

<b>C6.</b>	<b>Additional Equipment</b>						
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>						
<b>Off Vessel</b>				<b>On Vessel</b>			
Personnel:				Personnel:			
Equipment:				Equipment:			

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>				
From	To	hrs	Code		
00:00	6:26	6:26	O	Continued survey operations in WEA	
6:26	7:26	1:00	MT	PSO shutdown for sea turtle	
7:26	7:46	0:20	MT	Ramped up survey equipment	
7:46	24:00	16:14	O	Resumed and continued survey operations in WEA	

<b>EE.</b>	<b>PROJECT DATA:</b>						
<b>E1.</b>	<b>Time Summary:</b>						

Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total	
Mobilization	M	61:00	0:00	61:00	6.57	

Transit	T		18:13	0:00	18:13		1.96
Calibrations	C		5:55	0:00	5:55		0.64
Operational	O		508:44	22:40	531:24		57.20
Weather Standby	W		159:40	0:00	159:40		17.19
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		93:50	0:00	93:50		10.10
Survey Downtime	SD		28:14	0:00	28:14		3.04
PSO Mitigation	MT		29:24	1:20	30:44		3.31
Disputed Time	DT		0:00	0:00	0:00		0.00
			0:00				
<b>TOTAL</b>			<b>905:00</b>	<b>24:00</b>	<b>929:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 936.00

<b>E2. Survey Progress:</b>								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	1665.83	MD WEA	5446.00	3586.49	193.69	3780.17	69.41%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>1665.83</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>3586.49</b>	<b>193.69</b>	<b>3780.17</b>	<b>69.41%</b>

<b>FF. SAFETY (Details &amp; Figures for Vessel and Survey Crews and Client Representatives)</b>					
Incidents & Drills	Previous Events	Today's Events	Events To Date		
Project & HSE Briefings	3		3		
Ships Drill, MOB, Fire & Abandon Ship	2		2		
Vessel guided tour	0		0		
Medical Treatment / First Aid Cases	0		0		
Tool Box Meetings	67	3	70		
Incident Reports	0		0		
Near Miss Reports	0		0		
Safety Observation Card (SOB)	2		2		
	0		0		
	0		0		
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		<b>16219</b>	<b>432</b>	<b>16651</b>	


<b>GG. VESSEL ROB's at 24:00hrs</b>			
	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
Rain and thunderstorms. Winds 5-8 Kts out of the NNW switching to ENE in the afternoon. Seas 2-3 ft.

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Continue survey operations in WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
PSO shutdown in the early morning but survey operations continued smoothly for the remainder of the day.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

	For ALPINE		For US Wind
	<i>Daniel Whitesell</i>		
	<b>Dan Whitesell</b> (Survey Party Chief)		<b>0</b> (Client Representative)
Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Date:	<b>10 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No.	<b>039</b>
Project:	<b>Maryland WEA SAP Survey</b>		



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>11 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>40</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 22.89391986** Longitude: **74 47.8376775**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	30.02	8	SSE	<1	N/a	Clear	WEA
08:00	30.04	5	SSE	<1	5	Rainy	WEA
16:00	30.06	5	ESE	<1	8	Clear	WEA
24:00	30.07	5	ESE	<1	N/a	Clear	WEA

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <b>Dan Whitesell</b>	PSO: <b>Sharon Doake, Teresa Martin</b>	Processor: <b>Cam Morrisette, Kelly Johns</b>
Shift Supervisor: <b>Kaios Ryan, Rob Vietri</b>	PSO: <b>Robert Lee, Lee Slater</b>	
Surveyor: <b>Brett Young, Trevor Hoskins</b>	PSO: <b>Sam Tufano</b>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam			
Klein 3900 Side Scan Sonar	Valeport SVP			
Geometrics G882 Magnetometer	Gardline PAMS Mark III			
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI			

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel

On Vessel

Personnel:	Personnel:
Equipment:	Equipment:

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	24:00	24:00	O	Continued survey operations in WEA

**EE. PROJECT DATA:**

**E1. Time Summary:**

Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	6.40
Transit	T	18:13	0:00	18:13	1.91
Calibrations	C	5:55	0:00	5:55	0.62
Operational	O	531:24	24:00	555:24	58.28
Weather Standby	W	159:40	0:00	159:40	16.75

Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		93:50	0:00	93:50		9.85
Survey Downtime	SD		28:14	0:00	28:14		2.96
PSO Mitigation	MT		30:44	0:00	30:44		3.22
Disputed Time	DT		0:00	0:00	0:00		0.00
			0:00				
<b>TOTAL</b>			<b>929:00</b>	<b>24:00</b>	<b>953:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 960.00

E2. Survey Progress:		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Description								
HRG Survey WEA		1443.83	MD WEA	5446.00	3780.17	222.00	4002.17	73.49%
0		0.00	0	0.00	0.00		0.00	
0		0.00	0	0.00	0.00		0.00	
0		0.00	0	0.00	0.00		0.00	
<b>TOTALS:</b>		<b>1443.83</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>3780.17</b>	<b>222.00</b>	<b>4002.17</b>	<b>73.49%</b>

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)					
		Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings			3		3
Ships Drill, MOB, Fire & Abandon Ship			2		2
Vessel guided tour			0		0
Medical Treatment / First Aid Cases			0		0
Tool Box Meetings			70	3	73
Incident Reports			0		0
Near Miss Reports			0		0
Savety Observation Card (SOB)			2		2
			0		0
			0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>			<b>16651</b>	<b>432</b>	<b>17083</b>


GG. VESSEL ROB's at 24:00hrs				
		Fuel (T)	Lube Oil (L)	Water (T)
		0.00	0.00	0.00
ROB at 00:00 hrs		0.00	0.00	0.00
Consumed Today		0.00	0.00	0.00
Received today		0.00	0.00	0.00
ROB at 24:00 hrs		0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
Winds 10 kts out of the east switching to ENE at night. Seas 2-3 Ft. Possible rainshowers and thunderstorms.

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Continue survey operations in WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
The survey went smoothly the entire day with no shutdowns. A dead sea turtle was observed by a PSO at 20:20 UTC time. It was reported to ESS and US Wind as instructed.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE <i>Daniel Whitesell</i> <b>Dan Whitesell</b> (Survey Party Chief)		For US Wind           <b>0</b> (Client Representative)
Vessel: <b>RV Shearwater</b>	Project No: <b>1751</b>	
Client: <b>US Wind</b>	Date: <b>11 July 2015</b>	
Location: <b>Ocean City, MD</b>	Report No. <b>040</b>	
Project: <b>Maryland WEA SAP Survey</b>		





**DAILY REPORT**

Vessel:	RV Shearwater	Project No:	1751
Client:	US Wind	Today's Date:	12 July 2015
Location:	Ocean City, MD	Report No:	41
Project:	Maryland WEA SAP Survey	Start Date:	02 June 2015

All times are **Local** (GMT - 4:00 hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	WEA Survey Area	Latitude: 38 26.06275344	Longitude: 74 47.6054466

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	30.07	5	ESE	<1	N/a	Clear	WEA
08:00	30.05	8	SE	<1	8	Sunny and Clear	WEA
16:00	30.01	8	E	<1	8	Sunny and Clear	WEA
24:00	29.97	8	ESE	<1	N/a	Clear	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Dan Whitesell	PSO: Sharon Doake, Teresa Martin	Processor: Cam Morrisette, Kelly Johns
Shift Supervisor:	Kaios Ryan, Rob Vietri	PSO: Robert Lee, Lee Slater	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Sam Tufano	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>								
ALPINE:	9	CLIENT:	0	VESSEL:	6	OTHERS:	3	TOTAL	18

<b>C5.</b>	<b>ALPINE'S Equipment:</b>						
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Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>				
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From	To	hrs	Code	
00:00	24:00	24:00	O	Continued survey operations in WEA

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	6.24

Transit	T		18:13	0:00	18:13		1.86
Calibrations	C		5:55	0:00	5:55		0.61
Operational	O		555:24	24:00	579:24		59.30
Weather Standby	W		159:40	0:00	159:40		16.34
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		93:50	0:00	93:50		9.60
Survey Downtime	SD		28:14	0:00	28:14		2.89
PSO Mitigation	MT		30:44	0:00	30:44		3.15
Disputed Time	DT		0:00	0:00	0:00		0.00
TOTAL			953:00	24:00	977:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 984.00

E2. Survey Progress:							
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
HRG Survey WEA	1220.43	MD WEA	5446.00	4002.17	223.40	4225.57	77.59%
0	0.00	0	0.00	0.00		0.00	
0	0.00	0	0.00	0.00		0.00	
0	0.00	0	0.00	0.00		0.00	
TOTALS:	1220.43	TOTAL	5446.00	4002.17	223.40	4225.57	77.59%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills	Previous Events	Today's Events	Events To Date	
Project & HSE Briefings	3		3	
Ships Drill, MOB, Fire & Abandon Ship	2		2	
Vessel guided tour	0		0	
Medical Treatment / First Aid Cases	0		0	
Tool Box Meetings	73	3	76	
Incident Reports	0		0	
Near Miss Reports	0		0	
Safety Observation Card (SOB)	2		2	
	0		0	
	0		0	
No. of survey Man-Hours worked since start of project or LTI.	17083	432	17515	


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

HH. EXPECTED WEATHER NEXT 24 HRS:  
Slight chance of showers and thunderstorms. Winds from the SE 5-7 Kts. Seas 2-3 Ft.

II. ANTICIPATED PROGRAM NEXT 24 HRS:  
Continue survey operations in WEA

JJ. PARTY CHIEF'S COMMENTS: (Optional)  
Survey operations went smoothly all day without any shut down for marine mammals.

KK. REPRESENTATIVE'S COMMENTS: (Optional)

	For ALPINE		For US Wind
	<i>Daniel Whitesell</i>		
	Dan Whitesell (Survey Party Chief)		0 (Client Representative)
Vessel:	RV Shearwater	Project No:	1751
Client:	US Wind	Date:	12 July 2015
Location:	Ocean City, MD	Report No.	041
Project:	Maryland WEA SAP Survey		



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>13 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>42</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 26.50235232** Longitude: **74 47.25047568**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	30.07	5	ESE	<1	N/a	Clear	WEA
08:00	29.82	6	SE	<1	8	Sunny and clear	WEA
16:00	29.86	6	ESE	<1	8	Sunny and clear	WEA
24:00	29.80	8	SE	<1	N/a	Clear	WEA

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <b>Dan Whitesell</b>	PSO: <b>Sharon Doake, Teresa Martin</b>	Processor: <b>Cam Morrisette, Kelly Johns</b>
Shift Supervisor: <b>Kaios Ryan, Rob Vietri</b>	PSO: <b>Robert Lee, Lee Slater</b>	
Surveyor: <b>Brett Young, Trevor Hoskins</b>	PSO: <b>Sam Tufano</b>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	19:50	19:50	O	Continued survey operations in WEA
19:50	20:29	0:39	SD	PAMS cable caught in thruster. Removed broken cable and replaced with spare PAMS
20:29	21:29	1:00	SD	deploy PAMS for pre-ramp up observations
21:29	22:01	0:32	SD	Ramp up procedure started
22:01	24:00	1:59	O	Ramp up procedure completed; Continued survey operations

**EE. PROJECT DATA:**

**E1. Time Summary:**

Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	6.09
Transit	T	18:13	0:00	18:13	1.82
Calibrations	C	5:55	0:00	5:55	0.59
Operational	O	579:24	21:49	601:13	60.06
Weather Standby	W	159:40	0:00	159:40	15.95

Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		93:50	0:00	93:50		9.37
Survey Downtime	SD		28:14	2:11	30:25		3.04
PSO Mitigation	MT		30:44	0:00	30:44		3.07
Disputed Time	DT		0:00	0:00	0:00		0.00
			0:00				
<b>TOTAL</b>			<b>977:00</b>	<b>24:00</b>	<b>1001:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1008.00

E2. Survey Progress:		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Description								
HRG Survey WEA		1021.23	MD WEA	5446.00	4225.57	199.20	4424.77	81.25%
0		0.00	0	0.00	0.00		0.00	
0		0.00	0	0.00	0.00		0.00	
0		0.00	0	0.00	0.00		0.00	
<b>TOTALS:</b>		<b>1021.23</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>4225.57</b>	<b>199.20</b>	<b>4424.77</b>	<b>81.25%</b>

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)					
		Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings			3		3
Ships Drill, MOB, Fire & Abandon Ship			2		2
Vessel guided tour			0		0
Medical Treatment / First Aid Cases			0		0
Tool Box Meetings			76	4	80
Incident Reports			0		0
Near Miss Reports			0		0
Savety Observation Card (SOB)			2		2
			0		0
			0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>			<b>17515</b>	<b>432</b>	<b>17947</b>


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
Showers and thunderstorms likely. Winds 12-15 Kts from SSW. Seas around 3-4 Ft. switching to 4-7 Ft. in the evening

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Continue survey operations in WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Survey operations continued smoothly for most of the day but at 19:50 local time, after an SVP cast was taken, the PAMS cable became caught in the starboard thruster during re-deployment. An all stop was issued on the thrusters, a tool-box meeting was had to discuss proper procedure on dislodging the PAMS cable from the thruster and the cable was removed. The cable was severely damaged so the spare PAMS cable was substituted and after pre-shoot watch and ramp-up, survey operations commenced again at 22:01 local time.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE <i>Daniel Whitesell</i> <b>Dan Whitesell</b> (Survey Party Chief)	For US Wind    <b>0</b> (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b> Project: <b>Maryland WEA SAP Survey</b>	Project No: <b>1751</b> Date: <b>13 July 2015</b> Report No. <b>042</b>



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>14 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>43</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 22.2786</b>	Longitude: <b>74 59.71681</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	30.07	5	ESE	<1	N/a	Clear	WEA
08:00	29.68	10	SSE	1	5	Hazy	WEA
16:00	29.61	23	S	1.5	5	Hazy	WEA
24:00	29.58	21	SE	1.3	N/a	Hazy	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
<b>C1.</b>	<b>Alpine OSS Personnel:</b>		

Party Chief:	Dan Whitesell	PSO: Sharon Doake, Teresa Martin	Processor: Cam Morrisette, Kelly Johns
Shift Supervisor:	Kaios Ryan, Rob Vietri	PSO: Robert Lee, Lee Slater	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Sam Tufano	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>						
Applanix POS MV	ODOM CVM Singlebeam						
Klein 3900 Side Scan Sonar	Valeport SVP						
Geometrics G882 Magnetometer	Gardline PAMS Mark III						
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI						

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>							
<b>Off Vessel</b>				<b>On Vessel</b>				
Personnel:				Personnel:				
Equipment:				Equipment:				

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>				
From	To	hrs	Code		
00:00	15:16	15:16	O	Continued survey operations in WEA	
15:16	24:00	8:44	W	Weather shutdown for rough sea state. Held weather pattern closer to shore.	

<b>EE.</b>	<b>PROJECT DATA:</b>						
<b>E1.</b>	<b>Time Summary:</b>						

Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total	
Mobilization	M	61:00	0:00	61:00	5.95	

Transit	T	18:13	0:00	18:13	1.78
Calibrations	C	5:55	0:00	5:55	0.58
Operational	O	601:13	15:16	616:29	60.14
Weather Standby	W	159:40	8:44	168:24	16.43
Standby on Client	S	0:00	0:00	0:00	0.00
Vessel Downtime	VD	0:00	0:00	0:00	0.00
Port Standby	PS	93:50	0:00	93:50	9.15
Survey Downtime	SD	30:25	0:00	30:25	2.97
PSO Mitigation	MT	30:44	0:00	30:44	3.00
Disputed Time	DT	0:00	0:00	0:00	0.00
		0:00			
<b>TOTAL</b>		<b>1001:00</b>	<b>24:00</b>	<b>1025:00</b>	<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1032.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	896.73	MD WEA	5446.00	4424.77	124.50	4549.27	83.53%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>896.73</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>4424.77</b>	<b>124.50</b>	<b>4549.27</b>	<b>83.53%</b>

**FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)**

Incidents & Drills	Previous Events	Today's Events	Events To Date	
Project & HSE Briefings	3		3	
Ships Drill, MOB, Fire & Abandon Ship	2		2	
Vessel guided tour	0		0	
Medical Treatment / First Aid Cases	0		0	
Tool Box Meetings	80	2	82	
Incident Reports	0		0	
Near Miss Reports	0		0	
Safety Observation Card (SOB)	2		2	
	0		0	
	0		0	
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		<b>17947</b>	<b>432</b>	<b>18379</b>

**GG. VESSEL ROB's at 24:00hrs**

	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**

Showers and thunderstorms. Winds WSW 10-12 Kts. building to 13-17 Kts. with seas 3-4 ft.


**II. ANTICIPATED PROGRAM NEXT 24 HRS:**

Continue to hold on weather until operations can continue. At 0600 transit to USCG station Maryland for scheduled port call.

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**

Seas became to rough to collect quality data @ 15:16. Seas 5 Ft. with winds 20+ Kts out of the south. Shutdown survey operations and recovered equipment to run weather pattern closer to shore until sea state improved. The Sheawater remained in weather pattern as of 2400. Sea state was still too rough at this time with a 4-5 ft. swell and winds 20+ Kts out of the SE.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

	For ALPINE		For US Wind
	<i>Daniel Whitesell</i>		
	<b>Dan Whitesell</b> (Survey Party Chief)		<b>0</b> (Client Representative)
Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Date:	<b>14 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No.	<b>043</b>
Project:	<b>Maryland WEA SAP Survey</b>		



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>15 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>44</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 19.6813** Longitude: **75 5.4852**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.58	21	SE	1.3	N/a	Hazy	WEA
08:00	29.56	10	SE	1	7	Clear	WEA
16:00							Alongside
24:00							Alongside

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <b>Dan Whitesell</b>	PSO: <b>Sharon Doake, Teresa Martin</b>	Processor: <b>Cam Morrisette, Kelly Johns</b>
Shift Supervisor: <b>Kaios Ryan, Rob Vietri</b>	PSO: <b>Robert Lee, Lee Slater</b>	
Surveyor: <b>Brett Young, Trevor Hoskins</b>	PSO: <b>Sam Tufano</b>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep. \_\_\_\_\_

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	8:15	8:15	W	Held weather pattern for rough seas
8:15	9:20	1:05	T	Transit to dock for scheduled port call.
9:20	24:00	14:40	PS	Alongside USCG station dock in Ocean City , MD

**EE. PROJECT DATA:**

**E1. Time Summary:**

Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	5.82
Transit	T	18:13	1:05	19:18	1.84
Calibrations	C	5:55	0:00	5:55	0.56
Operational	O	616:29	0:00	616:29	58.77
Weather Standby	W	168:24	8:15	176:39	16.84

Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		93:50	14:40	108:30		10.34
Survey Downtime	SD		30:25	0:00	30:25		2.90
PSO Mitigation	MT		30:44	0:00	30:44		2.93
Disputed Time	DT		0:00	0:00	0:00		0.00
			0:00				
TOTAL			1025:00	24:00	1049:00		100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1056.00

E2. Survey Progress:		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Description								
HRG Survey WEA		896.73	MD WEA	5446.00	4549.27		4549.27	83.53%
0		0.00	0	0.00	0.00		0.00	
0		0.00	0	0.00	0.00		0.00	
0		0.00	0	0.00	0.00		0.00	
TOTALS:		896.73	TOTAL	5446.00	4549.27	0.00	4549.27	83.53%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)					
		Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings			3		3
Ships Drill, MOB, Fire & Abandon Ship			2		2
Vessel guided tour			0		0
Medical Treatment / First Aid Cases			0		0
Tool Box Meetings			82		82
Incident Reports			0		0
Near Miss Reports			0		0
Savety Observation Card (SOB)			2		2
			0		0
			0		0
No. of survey Man-Hours worked since start of project or LTI.			18379	432	18811


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

HH. EXPECTED WEATHER NEXT 24 HRS:  
Winds 15-20 Kts. out of the NNE. Seas 5-7 ft.

II. ANTICIPATED PROGRAM NEXT 24 HRS:  
Alongside at USCG dock. The Shearwater will take on food and determine if the weather is calm enough to make way at high tide at 1900.

JJ. PARTY CHIEF'S COMMENTS: (Optional)  
Weather did not improve enough in the WEA to continue surveying so a weather pattern was held until high tide and the shearwater began transit in to Ocean City, MD for scheduled port call. The Shearwater arrived alongside at 0920 and took on fuel at 1300.

KK. REPRESENTATIVE'S COMMENTS: (Optional)

 For ALPINE <i>Daniel Whitesell</i> <b>Dan Whitesell</b> (Survey Party Chief)	For US Wind  <b>0</b> (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b> Project: <b>Maryland WEA SAP Survey</b>	Project No: <b>1751</b> Date: <b>15 July 2015</b> Report No. <b>044</b>





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>16 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>45</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 19.6813</b>	Longitude: <b>75 5.4852</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM in	WIND Speed kts Dir		WAVE HEIGHT m	VISIB. nmi	SKY CONDS	REMARKS
00:00							Alongside
08:00							Alongside
16:00							Alongside
24:00							Alongside

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	<b>Dan Whitesell</b>	PSO: <b>Sharon Doake, Teresa Martin</b>	Processor: <b>Marcus Kwasek, Rob Vietri</b>
Shift Supervisor:	<b>Kaios Ryan, Farhan Arshad</b>	PSO: <b>Robert Lee, Lee Slater</b>	
Surveyor:	<b>Brett Young, Trevor Hoskins</b>	PSO: <b>Sam Tufano</b>	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>						
Applanix POS MV	ODOM CVM Singlebeam						
Klein 3900 Side Scan Sonar	Valeport SVP						
Geometrics G882 Magnetometer	Gardline PAMS Mark III						
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI						

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
	<b>Off Vessel</b>	<b>On Vessel</b>
Personnel:	<b>Cameron Morrisette and Kelly Johns</b>	<b>Farhan Arshad and Marcus Kwasek</b>
Equipment:		

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>				
From	To	hrs	Code		
00:00	19:00	19:00	PS	Alongside USCG station dock in Ocean City , MD	
19:00	24:00	5:00	W	Waiting at USCG station dock on weather	

<b>EE.</b>	<b>PROJECT DATA:</b>						
<b>E1.</b>	<b>Time Summary:</b>						
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00	0:00	61:00		5.68

Transit	T	19:18	0:00	19:18	1.80
Calibrations	C	5:55	0:00	5:55	0.55
Operational	O	616:29	0:00	616:29	57.45
Weather Standby	W	176:39	5:00	181:39	16.93
Standby on Client	S	0:00	0:00	0:00	0.00
Vessel Downtime	VD	0:00	0:00	0:00	0.00
Port Standby	PS	108:30	19:00	127:30	11.88
Survey Downtime	SD	30:25	0:00	30:25	2.83
PSO Mitigation	MT	30:44	0:00	30:44	2.86
Disputed Time	DT	0:00	0:00	0:00	0.00
		0:00			
<b>TOTAL</b>		<b>1049:00</b>	<b>24:00</b>	<b>1073:00</b>	<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1080.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	896.73	MD WEA	5446.00	4549.27		4549.27	83.53%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>896.73</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>4549.27</b>	<b>0.00</b>	<b>4549.27</b>	<b>83.53%</b>

**FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)**

Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings	3	1	4
Ships Drill, MOB, Fire & Abandon Ship	2		2
Vessel guided tour	0		0
Medical Treatment / First Aid Cases	0		0
Tool Box Meetings	82		82
Incident Reports	0		0
Near Miss Reports	0		0
Safety Observation Card (SOB)	2		2
	0		0
	0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		<b>18811</b>	<b>432</b>
			<b>19243</b>

**GG. VESSEL ROB's at 24:00hrs**

	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**

Winds 15-20 Kts from the ENE with seas 3-4 ft.


**II. ANTICIPATED PROGRAM NEXT 24 HRS:**

Down on weather alongside USCG dock until 9:30 am. Then transit to WEA to continue survey operations

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**

The Shearwater was on a scheduled port call until 1900 local time. New personnel Marcus Kwasek and Farhan Arshad arrived at the vessel at 1020 and 1155 respectively and personnel Cameron Morrisette and Kelly Johns disembarked the vessel at 1105 and 1400 respectively. At 1900 the decision to go down on weather standby until the following high tide due to rough sea conditions. Seas were 5-6 ft. with winds 10-15 Kts. from ENE with a small craft advisory until 2000. The Shearwater expects to make way early tomorrow morning at high tide if the seas lay down.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

	For ALPINE		For US Wind
	<i>Daniel Whitesell</i>		
	<b>Dan Whitesell</b> (Survey Party Chief)		<b>0</b> (Client Representative)
Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Date:	<b>16 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No.	<b>045</b>
Project:	<b>Maryland WEA SAP Survey</b>		



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>17 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>46</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 21.18703236</b>	Longitude: <b>74 44.8349043</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00							Alongside
08:00	30.11	5	ESE	1.2	8	Clear and sunny	Transit
16:00	30.08	8	SSE	1	8	Clear and sunny	WEA
24:00	30.06	10	SSE	<1	N/a	Clear	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	<b>Dan Whitesell</b>	PSO: <b>Sharon Doake, Teresa Martin</b>	Processor: <b>Marcus Kwasek, Rob Vietri</b>
Shift Supervisor:	<b>Kaios Ryan, Farhan Arshad</b>	PSO: <b>Robert Lee, Lee Slater</b>	
Surveyor:	<b>Brett Young, Trevor Hoskins</b>	PSO: <b>Sam Tufano</b>	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
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Client Rep.	
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<b>C4.</b>	<b>Personnel On Board:</b>						
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ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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<b>C5.</b>	<b>ALPINE'S Equipment:</b>						
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Applanix POS MV	ODOM CVM Singlebeam						
Klein 3900 Side Scan Sonar	Valeport SVP						
Geometrics G882 Magnetometer	Gardline PAMS Mark III						
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI						

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>				
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From	To	hrs	Code	
00:00	7:30	7:30	W	Waiting at USCG station dock on weather
7:30	9:57	2:27	T	Transit to the WEA
9:57	10:57	1:00	T	deploy PAMS for pre-ramp up observations during transit
10:57	11:17	0:20	O	Ramped up survey equipment, performed SVP cast and deployed towed sonar array
11:17	24:00	12:43	O	Continue survey operations

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	5.56

Transit	T	19:18	3:27	22:45	2.07
Calibrations	C	5:55	0:00	5:55	0.54
Operational	O	616:29	13:03	629:32	57.39
Weather Standby	W	181:39	7:30	189:09	17.24
Standby on Client	S	0:00	0:00	0:00	0.00
Vessel Downtime	VD	0:00	0:00	0:00	0.00
Port Standby	PS	127:30	0:00	127:30	11.62
Survey Downtime	SD	30:25	0:00	30:25	2.77
PSO Mitigation	MT	30:44	0:00	30:44	2.80
Disputed Time	DT	0:00	0:00	0:00	0.00
TOTAL		1073:00	24:00	1097:00	100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1104.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	791.73	MD WEA	5446.00	4549.27	105.00	4654.27	85.46%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
TOTALS:		791.73	TOTAL	5446.00	4549.27	105.00	4654.27	85.46%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)

Incidents & Drills	Previous Events	Today's Events	Events To Date	
Project & HSE Briefings	4		4	
Ships Drill, MOB, Fire & Abandon Ship	2		2	
Vessel guided tour	0		0	
Medical Treatment / First Aid Cases	0		0	
Tool Box Meetings	82	3	85	
Incident Reports	0		0	
Near Miss Reports	0		0	
Safety Observation Card (SOB)	2		2	
	0		0	
	0		0	
No. of survey Man-Hours worked since start of project or LTI.		19243	432	19675

GG. VESSEL ROB's at 24:00hrs

	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

HH. EXPECTED WEATHER NEXT 24 HRS:

Possible showers. Winds 10-15 Kts. out of the south. Seas 3 Ft.


II. ANTICIPATED PROGRAM NEXT 24 HRS:

Continue survey operations in the WEA

JJ. PARTY CHIEF'S COMMENTS: (Optional)

The Shearwater left the USCG station dock at 0730 to begin transit to WEA survey site. Survey operations began at 1100 and continued smoothly for the remainder of the day.

KK. REPRESENTATIVE'S COMMENTS: (Optional)

	For ALPINE	For US Wind
	<i>Daniel Whitesell</i> <b>Dan Whitesell</b> (Survey Party Chief)	<b>0</b> (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b> Project: <b>Maryland WEA SAP Survey</b>	Project No: <b>1751</b> Date: <b>17 July 2015</b> Report No: <b>046</b>	



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>18 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>47</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 17.5721871</b>	Longitude: <b>74 44.35461984</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	30.06	10	SSE	<1	N/a	Clear	WEA
08:00	30.02	12	SE	<1	8	Sunny and Clear	WEA
16:00	29.96	12	S	<1	8	Cloudy	WEA
24:00	29.92	12	S	<1	N/a	Clear	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Dan Whitesell	PSO: Sharon Doake, Teresa Martin	Processor: Marcus Kwasek, Rob Vietri
Shift Supervisor:	Kaios Ryan, Farhan Arshad	PSO: Robert Lee, Lee Slater	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Sam Tufano	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>		
Applanix POS MV	ODOM CVM Singlebeam		
Klein 3900 Side Scan Sonar	Valeport SVP		
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
	<b>Off Vessel</b>	<b>On Vessel</b>
Personnel:		Personnel:
Equipment:		Equipment:

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
From	To	hrs	Code	
00:00	7:16	7:16	O	Continued survey operations in WEA
7:16	7:21	0:05	MT	Shutdown for dolphins in the mitigation zone
7:21	7:41	0:20	MT	Dolphins left mitigation zone; Ramp up procedure started
7:41	8:04	0:23	O	Ramp up procedure completed; continued survey operations in WEA
8:04	8:13	0:09	MT	Shutdown for dolphins in the mitigation zone
8:13	8:52	0:39	MT	Dolphins left mitigation zone; Ramp up procedure started
8:52	24:00	15:08	O	Ramp up procedure completed; continued survey operations in WEA

<b>EE.</b>	<b>PROJECT DATA:</b>						
<b>E1.</b>	<b>Time Summary:</b>						
Rate	Code		Previous Hours	Today Hours	Total Hours		Percent of Total
Mobilization	M		61:00	0:00	61:00		5.44

Transit	T		22:45	0:00	22:45		2.03
Calibrations	C		5:55	0:00	5:55		0.53
Operational	O		629:32	22:47	652:19		58.19
Weather Standby	W		189:09	0:00	189:09		16.87
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		127:30	0:00	127:30		11.37
Survey Downtime	SD		30:25	0:00	30:25		2.71
PSO Mitigation	MT		30:44	1:13	31:57		2.85
Disputed Time	DT		0:00	0:00	0:00		0.00
			0:00				
<b>TOTAL</b>			<b>1097:00</b>	<b>24:00</b>	<b>1121:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1128.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	599.23	MD WEA	5446.00	4654.27	192.50	4846.77	89.00%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>599.23</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>4654.27</b>	<b>192.50</b>	<b>4846.77</b>	<b>89.00%</b>

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)							
				Previous Events	Today's Events	Events To Date	
Incidents & Drills							
Project & HSE Briefings				4		4	
Ships Drill, MOB, Fire & Abandon Ship				2		2	
Vessel guided tour				0		0	
Medical Treatment / First Aid Cases				0		0	
Tool Box Meetings				85	3	88	
Incident Reports				0		0	
Near Miss Reports				0		0	
Savety Observation Card (SOB)				2		2	
				0		0	
				0		0	
<b>No. of survey Man-Hours worked since start of project or LTI.</b>				<b>19675</b>	<b>432</b>	<b>20107</b>	


GG. VESSEL ROB's at 24:00hrs				
		Fuel (T)	Lube Oil (L)	Water (T)
		0.00	0.00	0.00
ROB at 00:00 hrs		0.00	0.00	0.00
Consumed Today		0.00	0.00	0.00
Received today		0.00	0.00	0.00
ROB at 24:00 hrs		0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
Sunny and clear, Winds 10-13 Kts. from the south. Seas 2-3 Ft.

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Continue survey operations in the WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
Survey operations went smoothly all day. There were two ramp down procedures for dolphins in the mitigation zone during the morning but no other sightings after 0813.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE  <i>Daniel Whitesell</i>  <b>Dan Whitesell</b> (Survey Party Chief)		For US Wind     <b>0</b> (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b> Project: <b>Maryland WEA SAP Survey</b>	Project No: <b>1751</b> Date: <b>18 July 2015</b> Report No: <b>047</b>	



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>19 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>48</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 23.73005178</b>	Longitude: <b>74 43.67142486</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.92	12	S	<1	N/a	Clear	WEA
08:00	29.91	6	ESE	<1	8	Sunny and Clear	WEA
16:00	29.86	12	SE	<1	8	Sunny and Clear	WEA
24:00	29.82	12	ESE	<1	N/a	Clear	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Dan Whitesell	PSO: Sharon Doake, Teresa Martin	Processor: Marcus Kwasek, Rob Vietri
Shift Supervisor:	Kaios Ryan, Farhan Arshad	PSO: Robert Lee, Lee Slater	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Sam Tufano	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>						
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Applanix POS MV	ODOM CVM Singlebeam						
Klein 3900 Side Scan Sonar	Valeport SVP						
Geometrics G882 Magnetometer	Gardline PAMS Mark III						
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI						

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>				
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From	To	hrs	Code	
00:00	24:00	24:00	O	Continued survey operations in WEA

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	5.33

Transit	T	22:45	0:00	22:45	1.99
Calibrations	C	5:55	0:00	5:55	0.52
Operational	O	652:19	24:00	676:19	59.07
Weather Standby	W	189:09	0:00	189:09	16.52
Standby on Client	S	0:00	0:00	0:00	0.00
Vessel Downtime	VD	0:00	0:00	0:00	0.00
Port Standby	PS	127:30	0:00	127:30	11.14
Survey Downtime	SD	30:25	0:00	30:25	2.66
PSO Mitigation	MT	31:57	0:00	31:57	2.79
Disputed Time	DT	0:00	0:00	0:00	0.00
		0:00			
<b>TOTAL</b>		<b>1121:00</b>	<b>24:00</b>	<b>1145:00</b>	<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1152.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	384.23	MD WEA	5446.00	4846.77	215.00	5061.77	92.94%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>384.23</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>4846.77</b>	<b>215.00</b>	<b>5061.77</b>	<b>92.94%</b>

**FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)**

Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings	4		4
Ships Drill, MOB, Fire & Abandon Ship	2		2
Vessel guided tour	0		0
Medical Treatment / First Aid Cases	0		0
Tool Box Meetings	88	3	91
Incident Reports	0		0
Near Miss Reports	0		0
Safety Observation Card (SOB)	2		2
	0		0
	0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		<b>20107</b>	<b>432</b>
			<b>20539</b>

**GG. VESSEL ROB's at 24:00hrs**

	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**

Possible showers. Winds 7-11 Kts from SSW. Seas 2 Ft.


**II. ANTICIPATED PROGRAM NEXT 24 HRS:**

Continue survey operations in the WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**

Survey operations went smoothly all day without any shut down for marine mammals.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

	For ALPINE	For US Wind
	<i>Daniel Whitesell</i> <b>Dan Whitesell</b> (Survey Party Chief)	<b>0</b> (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b> Project: <b>Maryland WEA SAP Survey</b>	Project No: <b>1751</b> Date: <b>19 July 2015</b> Report No: <b>048</b>	





**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>20 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>49</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 16.37103156** Longitude: **74 43.32845832**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.82	12	ESE	<1	N/a	Clear	WEA
08:00	29.77	8	SE	<1	5	Hazy	WEA
16:00	29.74	8	S	<1	5	Hazy	WEA
24:00	29.72	8	S	<1	N/a	Hazy	WEA

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <b>Dan Whitesell</b>	PSO: <b>Sharon Doake, Teresa Martin</b>	Processor: <b>Marcus Kwasek, Rob Vietri</b>
Shift Supervisor: <b>Kaios Ryan, Farhan Arshad</b>	PSO: <b>Robert Lee, Lee Slater</b>	
Surveyor: <b>Brett Young, Trevor Hoskins</b>	PSO: <b>Sam Tufano</b>	

**C2. Additional Personnel**

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam			
Klein 3900 Side Scan Sonar	Valeport SVP			
Geometrics G882 Magnetometer	Gardline PAMS Mark III			
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI			

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel

On Vessel

Personnel:	Personnel:
Equipment:	Equipment:

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	11:45	11:45	O	Continued survey operations in WEA
11:45	12:45	1:00	MT	PSO shutdown for sea turtle
12:45	13:05	0:20	MT	Ramped up survey equipment
13:05	24:00	10:55	O	Ramp up procedure completed; continued survey operations in WEA

**EE. PROJECT DATA:**

**E1. Time Summary:**

Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	5.22
Transit	T	22:45	0:00	22:45	1.95
Calibrations	C	5:55	0:00	5:55	0.51
Operational	O	676:19	22:40	698:59	59.79
Weather Standby	W	189:09	0:00	189:09	16.18

Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		127:30	0:00	127:30		10.91
Survey Downtime	SD		30:25	0:00	30:25		2.60
PSO Mitigation	MT		31:57	1:20	33:17		2.85
Disputed Time	DT		0:00	0:00	0:00		0.00
			0:00				
<b>TOTAL</b>			<b>1145:00</b>	<b>24:00</b>	<b>1169:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1176.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	172.43	MD WEA	5446.00	5061.77	211.80	5273.57	96.83%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>172.43</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>5061.77</b>	<b>211.80</b>	<b>5273.57</b>	<b>96.83%</b>

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)					
		Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings			4		4
Ships Drill, MOB, Fire & Abandon Ship			2		2
Vessel guided tour			0		0
Medical Treatment / First Aid Cases			0		0
Tool Box Meetings			91	3	94
Incident Reports			0		0
Near Miss Reports			0		0
Savety Observation Card (SOB)			2		2
			0		0
			0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>			<b>20539</b>	<b>432</b>	<b>20971</b>


GG. VESSEL ROB's at 24:00hrs				
		Fuel (T)	Lube Oil (L)	Water (T)
		0.00	0.00	0.00
ROB at 00:00 hrs		0.00	0.00	0.00
Consumed Today		0.00	0.00	0.00
Received today		0.00	0.00	0.00
ROB at 24:00 hrs		0.00	0.00	0.00

HH. EXPECTED WEATHER NEXT 24 HRS:  
Possible showers. Winds 5-7 Kts. Out of the SE. Seas 2 ft.

II. ANTICIPATED PROGRAM NEXT 24 HRS:  
Continue survey operations in the WEA

JJ. PARTY CHIEF'S COMMENTS: (Optional)  
Survey operations went smoothly all day except for one shut down for turtles in the mitigation zone at mid-day. No other sightings after 1245

KK. REPRESENTATIVE'S COMMENTS: (Optional)

 For ALPINE <i>Daniel Whitesell</i> <b>Dan Whitesell</b> (Survey Party Chief)	For US Wind           <b>0</b> (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b> Project: <b>Maryland WEA SAP Survey</b>	Project No: <b>1751</b> Date: <b>20 July 2015</b> Report No. <b>049</b>



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>21 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>50</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 21.81928704</b>	Longitude: <b>74 45.78144984</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.82	12	ESE	<1	N/a	Clear	WEA
08:00	29.69	8	SSW	<1	5	Hazy	WEA
16:00	29.63	6	SSE	<1	5	Hazy	WEA
24:00	29.66	8	W	<1	N/a	Hazy	WEA

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	<b>Dan Whitesell</b>	PSO: <b>Sharon Doake, Teresa Martin</b>	Processor: <b>Marcus Kwasek, Rob Vietri</b>
Shift Supervisor:	<b>Kaios Ryan, Farhan Arshad</b>	PSO: <b>Robert Lee, Lee Slater</b>	
Surveyor:	<b>Brett Young, Trevor Hoskins</b>	PSO: <b>Sam Tufano</b>	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
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Client Rep.	
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<b>C4.</b>	<b>Personnel On Board:</b>						
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ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>
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<b>C5.</b>	<b>ALPINE'S Equipment:</b>						
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Applanix POS MV	ODOM CVM Singlebeam						
Klein 3900 Side Scan Sonar	Valeport SVP						
Geometrics G882 Magnetometer	Gardline PAMS Mark III						
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI						

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	11:37	11:37	O	Continued survey operations in WEA
11:37	12:37	1:00	MT	PSO shutdown for sea turtle
12:37	12:57	0:20	MT	Ramped up survey equipment
12:57	15:30	2:33	O	Ramp up procedure completed; continued survey operations in WEA
15:30	15:57	0:27	SD	Side scan sonar hung up on fishing gear; line aborted and fishing line removed from equipment
15:57	20:04	4:07	O	Continued survey operations in WEA
20:04	20:08	0:04	MT	Shutdown for dolphins in the mitigation zone
20:08	20:15	0:07	MT	Dolphins left mitigation zone; Ramp up procedure started
20:15	20:22	0:07	MT	Shutdown for dolphins in the mitigation zone
20:22	20:42	0:20	MT	Dolphins left mitigation zone; Ramp up procedure started
20:42	24:00	3:18	O	Ramp up procedure completed; continued survey operations in WEA

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total	
Mobilization	M	61:00	0:00	61:00	5.11	

Transit	T		22:45	0:00	22:45		1.91
Calibrations	C		5:55	0:00	5:55		0.50
Operational	O		698:59	21:35	720:34		60.40
Weather Standby	W		189:09	0:00	189:09		15.85
Standby on Client	S		0:00	0:00	0:00		0.00
Vessel Downtime	VD		0:00	0:00	0:00		0.00
Port Standby	PS		127:30	0:00	127:30		10.69
Survey Downtime	SD		30:25	0:27	30:52		2.59
PSO Mitigation	MT		33:17	1:58	35:15		2.95
Disputed Time	DT		0:00	0:00	0:00		0.00
			0:00				
<b>TOTAL</b>			<b>1169:00</b>	<b>24:00</b>	<b>1193:00</b>		<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1200.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	23.03	MD WEA	5446.00	5273.57	149.40	5422.97	99.58%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>23.03</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>5273.57</b>	<b>149.40</b>	<b>5422.97</b>	<b>99.58%</b>

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
	Incidents & Drills	Previous Events	Today's Events	Events To Date
	Project & HSE Briefings	4		4
	Ships Drill, MOB, Fire & Abandon Ship	2		2
	Vessel guided tour	0		0
	Medical Treatment / First Aid Cases	0		0
	Tool Box Meetings	94	4	98
	Incident Reports	0		0
	Near Miss Reports	0		0
	Safety Observation Card (SOB)	2		2
		0		0
		0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		<b>20971</b>	<b>432</b>	<b>21403</b>


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**  
Wind out of the NNW 15-17 Kts. Seas 3-4 ft.

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**  
Continue survey operations in the WEA

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**  
There was one shutdown for a sea turtle and two ramp down procedures for dolphins during todays operation. At 1530 the SSS became entangled with fishing gear but was able to be removed and operations continued as normal.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 For ALPINE <i>Daniel Whitesell</i> <b>Dan Whitesell</b> (Survey Party Chief)	For <b>US Wind</b>  <b>0</b> (Client Representative)
Vessel: <b>RV Shearwater</b> Client: <b>US Wind</b> Location: <b>Ocean City, MD</b> Project: <b>Maryland WEA SAP Survey</b>	Project No: <b>1751</b> Date: <b>21 July 2015</b> Report No. <b>050</b>



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>22 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>51</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 19.6813</b>	Longitude: <b>75 5.4852</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.66	8	W	<1	N/a	Hazy	WEA
08:00	29.81	15	NNE	1	8	Clear	WEA
16:00							Alongside
24:00							Alongside

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>		
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>		
Party Chief:	Dan Whitesell	PSO: Sharon Doake, Teresa Martin	Processor: Marcus Kwasek, Rob Vietri
Shift Supervisor:	Kaios Ryan, Farhan Arshad	PSO: Robert Lee, Lee Slater	
Surveyor:	Brett Young, Trevor Hoskins	PSO: Sam Tufano	

<b>C2.</b>	<b>Additional Personnel</b>
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<b>C3.</b>	<b>Client Personnel:</b>
Client Rep.	

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	<b>9</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>3</b>	<b>TOTAL 18</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>						
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Applanix POS MV	ODOM CVM Singlebeam						
Klein 3900 Side Scan Sonar	Valeport SVP						
Geometrics G882 Magnetometer	Gardline PAMS Mark III						
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI						

<b>C6.</b>	<b>Additional Equipment</b>
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>	
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Off Vessel		On Vessel	
Personnel:		Personnel:	
Equipment:		Equipment:	

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>			
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From	To	hrs	Code	
00:00	3:04	3:04	O	Continued survey operations in WEA
3:04	5:15	2:11	SD	USBL transceiver stopped transmitting
5:15	5:35	0:20	O	Ramped up survey equipment
5:35	8:55	3:20	O	Continued survey operations in WEA on layback ONLY for toewd array
8:55	12:00	3:05	T	Aborted survey to return to Ocean City and retrieve new USBL; In transit
12:00	24:00	12:00	PS	Alongside at USCG station dock, Ocean City, MD

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total	
Mobilization	M	61:00	0:00	61:00	5.01	

Transit	T	22:45	3:05	25:50	2.12
Calibrations	C	5:55	0:00	5:55	0.49
Operational	O	720:34	6:44	727:18	59.76
Weather Standby	W	189:09	0:00	189:09	15.54
Standby on Client	S	0:00	0:00	0:00	0.00
Vessel Downtime	VD	0:00	0:00	0:00	0.00
Port Standby	PS	127:30	12:00	139:30	11.46
Survey Downtime	SD	30:52	2:11	33:03	2.72
PSO Mitigation	MT	35:15	0:00	35:15	2.90
Disputed Time	DT	0:00	0:00	0:00	0.00
		0:00			
<b>TOTAL</b>		<b>1193:00</b>	<b>24:00</b>	<b>1217:00</b>	<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1224.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	-8.97	MD WEA	5446.00	5422.97	32.00	5454.97	100%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>-8.97</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>5422.97</b>	<b>32.00</b>	<b>5454.97</b>	<b>100%</b>

**FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)**

Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings	4		4
Ships Drill, MOB, Fire & Abandon Ship	2		2
Vessel guided tour	0		0
Medical Treatment / First Aid Cases	0		0
Tool Box Meetings	98	3	101
Incident Reports	0		0
Near Miss Reports	0		0
Safety Observation Card (SOB)	2		2
	0		0
	0		0
<b>No. of survey Man-Hours worked since start of project or LTI.</b>		<b>21403</b>	<b>432</b>
			<b>21835</b>

**GG. VESSEL ROB's at 24:00hrs**

	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**

Alongside

**II. ANTICIPATED PROGRAM NEXT 24 HRS:**

Alongside USCG station dock. The Shearwater will mobilize for camera and grab sample work and take on new personnel.

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**

The USBL transceiver shutdown with a phase calibration error. After speaking with Sonardyne, the equipment manufacturer, it was determined that the transceiver was inoperable and the survey was halted to return to dock to install a new transceiver. Once the new transceiver is installed, the vessel will be mobilized for environmental work and return to the WEA to finish existing geophysical survey, camera work and grab samples. PSO Sam Tufano left the vessel for leave at 1720 local and more personnel will be leaving tomorrow.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

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For ALPINE

*Daniel Whitesell*

**Dan Whitesell**

(Survey Party Chief)

For US Wind

**0**

(Client Representative)

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Date:	<b>22 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No.	<b>051</b>
Project:	<b>Maryland WEA SAP Survey</b>		



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>23 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>52</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area** Latitude: **38 19.6813** Longitude: **75 5.4852**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00							Alongside
08:00							Alongside
16:00							Alongside
24:00							Alongside

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Dan Whitesell</a>	PSO: <a href="#">Robert Lee</a> , <a href="#">Lee Slater</a>
Shift Supervisor: <a href="#">Marcus Kwasek</a>	Environmental: <a href="#">Laura Jamieson</a>
Surveyor: <a href="#">Rob Vietri</a>	

**C2. Additional Personnel**

James Treacy-ESS

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>6</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>1</b>	<b>TOTAL 13</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	Van Veen grab sample	
Klein 3900 Side Scan Sonar	Valeport SVP	Shallow water camera system	
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
<b>Personnel:</b> Sam Tufano, Sharon Doake, Theresa Martin,		<b>Personnel:</b> James Treacy, Laura Jamieson	
Kaios Ryan, Brett Young, Farhan Arshad, Trevor Young			
<b>Equipment:</b>		<b>Equipment:</b> Shallow water camera system, Van Veen grab sample	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	24:00	24:00	PS	Alongside at USCG station dock, Ocean City, MD

**EE. PROJECT DATA:**

**E1. Time Summary:**

Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	4.92

Transit	T	25:50	0:00	25:50	2.08
Calibrations	C	5:55	0:00	5:55	0.48
Operational	O	727:18	0:00	727:18	58.61
Weather Standby	W	189:09	0:00	189:09	15.24
Standby on Client	S	0:00	0:00	0:00	0.00
Vessel Downtime	VD	0:00	0:00	0:00	0.00
Port Standby	PS	139:30	24:00	163:30	13.17
Survey Downtime	SD	33:03	0:00	33:03	2.66
PSO Mitigation	MT	35:15	0:00	35:15	2.84
Disputed Time	DT	0:00	0:00	0:00	0.00
<b>TOTAL</b>		<b>1217:00</b>	<b>24:00</b>	<b>1241:00</b>	<b>100.00%</b>

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1248.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	-8.97	MD WEA	5446.00	5454.97		5454.97	100%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
<b>TOTALS:</b>		<b>-8.97</b>	<b>TOTAL</b>	<b>5446.00</b>	<b>5454.97</b>	<b>0.00</b>	<b>5454.97</b>	<b>100%</b>

**FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)**

Incidents & Drills	Previous Events	Today's Events	Events To Date
Project & HSE Briefings	4		4
Ships Drill, MOB, Fire & Abandon Ship	2		2
Vessel guided tour	0		0
Medical Treatment / First Aid Cases	0		0
Tool Box Meetings	101		101
Incident Reports	0		0
Near Miss Reports	0		0
Safety Observation Card (SOB)	2		2
	0		0
	0		0
<b>No. of survey Man-Hours worked since start of project or LTL.</b>		<b>21835</b>	<b>312</b>
			<b>22147</b>

**GG. VESSEL ROB's at 24:00hrs**

	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

**HH. EXPECTED WEATHER NEXT 24 HRS:**

Winds 5-7 Kts. From the SSW. Seas 2 feet.


**II. ANTICIPATED PROGRAM NEXT 24 HRS:**

Alongside USCG station dock. The shearwater will finish mobilization of environmental equipment and make way at high tide to continue survey

**JJ. PARTY CHIEF'S COMMENTS: (Optional)**

The replacement USBL, shallow water camera system and van veen grab sample were mobilized aboard the vessel and prepped for environmental survey. New crew James Treacy and Laura Jamieson joined the Shearwater and Sharon Doake, Sam Tufano, Theresa Martin, Farhan Arshad, Brett Young, Kaios Ryan and Trevor Hoskins disembarked. The plan will be to ake way tomorrow at high tide to continue surveying in the WEA.

**KK. REPRESENTATIVE'S COMMENTS: (Optional)**

 <p>For ALPINE</p> <p><i>Daniel Whitesell</i></p> <p><b>Dan Whitesell</b> (Survey Party Chief)</p>	<p>For <b>US Wind</b></p> <p><b>0</b> (Client Representative)</p>
<p>Vessel: <b>RV Shearwater</b></p> <p>Client: <b>US Wind</b></p> <p>Location: <b>Ocean City, MD</b></p> <p>Project: <b>Maryland WEA SAP Survey</b></p>	<p>Project No: <b>1751</b></p> <p>Date: <b>23 July 2015</b></p> <p>Report No. <b>052</b></p>





**DAILY REPORT**

Vessel:	RV Shearwater	Project No:	1751
Client:	US Wind	Today's Date:	24 July 2015
Location:	Ocean City, MD	Report No:	52
Project:	Maryland WEA SAP Survey	Start Date:	02 June 2015

All times are **Local** (GMT - **4:00** hrs)

**AA. VESSEL LOCATION AT 24:00 HRS:**

Description: **WEA Survey Area**      Latitude: **38 28.59758**      Longitude: **74 48.80439**

**BB. WEATHER:**

Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00							Alongside
08:00							Alongside
16:00	29.93	3	W	<1	10	Sunny and clear	WEA
24:00	29.97	4	SE	<1	N/a	Clear	WEA

**CC. PERSONNEL & EQUIPMENT:**

**C1. Alpine OSS Personnel:**

Party Chief: <a href="#">Dan Whitesell</a>	PSO: <a href="#">Robert Lee</a> , <a href="#">Lee Slater</a>
Shift Supervisor: <a href="#">Marcus Kwasek</a>	Environmental: <a href="#">Laura Jamieson</a>
Surveyor: <a href="#">Rob Vietri</a>	

**C2. Additional Personnel**

James Treacy-ESS

**C3. Client Personnel:**

Client Rep.

**C4. Personnel On Board:**

ALPINE:	<b>6</b>	CLIENT:	<b>0</b>	VESSEL:	<b>6</b>	OTHERS:	<b>1</b>	<b>TOTAL 13</b>
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**C5. ALPINE'S Equipment:**

Applanix POS MV	ODOM CVM Singlebeam	Van Veen grab sample	
Klein 3900 Side Scan Sonar	Valeport SVP	Shallow water camera system	
Geometrics G882 Magnetometer	Gardline PAMS Mark III		
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI		

**C6. Additional Equipment**

**C7. Project Variations (include notices of changes of personnel / equipment)**

Off Vessel		On Vessel	
<b>Personnel:</b> Sam Tufano, Sharon Doake, Theresa Martin,		<b>Personnel:</b> James Treacy, Laura Jamieson	
Kaios Ryan, Brett Young, Farhan Arshad, Trevor Young			
<b>Equipment:</b>		<b>Equipment:</b> Shallow water camera system, Van Veen grab sample	

**DD. DIARY OF EVENTS TODAY:**

From	To	hrs	Code	
00:00	12:30	12:30	PS	Alongside at USCG station dock, Ocean City, MD
12:30	15:45	3:15	T	Vessel transit to WEA
15:45	16:45	1:00	O	USBL calibration from new transceiver
16:45	17:45	1:00	O	preshoot watch on PAMS
17:45	18:05	0:20	O	Ramp-up to continue survey
18:05	24:00	5:55	O	Continue geophysical survey in WEA

**EE. PROJECT DATA:**

**E1. Time Summary:**

Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	4.82

Transit	T	25:50	3:15	29:05	2.30
Calibrations	C	5:55	0:00	5:55	0.47
Operational	O	727:18	8:15	735:33	58.15
Weather Standby	W	189:09	0:00	189:09	14.95
Standby on Client	S	0:00	0:00	0:00	0.00
Vessel Downtime	VD	0:00	0:00	0:00	0.00
Port Standby	PS	163:30	12:30	176:00	13.91
Survey Downtime	SD	33:03	0:00	33:03	2.61
PSO Mitigation	MT	35:15	0:00	35:15	2.79
Disputed Time	DT	0:00	0:00	0:00	0.00
TOTAL		1241:00	24:00	1265:00	100.00%

Hrs. of Daily Operations 24

Cumulative Hours Check Value= 1272.00

E2. Survey Progress:								
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed	
HRG Survey WEA	0.00	MD WEA	5446.00	5454.97		5454.97	100%	
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
0	0.00	0	0.00	0.00		0.00		
TOTALS:		0.00	TOTAL	5446.00	5454.97	0.00	5454.97	100%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)

Incidents & Drills	Previous Events	Today's Events	Events To Date	
Project & HSE Briefings	4	1	5	
Ships Drill, MOB, Fire & Abandon Ship	2		2	
Vessel guided tour	0		0	
Medical Treatment / First Aid Cases	0		0	
Tool Box Meetings	101	1	102	
Incident Reports	0		0	
Near Miss Reports	0		0	
Safety Observation Card (SOB)	2		2	
	0		0	
	0		0	
No. of survey Man-Hours worked since start of project or LTL		22147	312	22459

GG. VESSEL ROB's at 24:00hrs

	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

HH. EXPECTED WEATHER NEXT 24 HRS:

Winds 5-7 Kts. From the ESE. Seas 2 feet.


II. ANTICIPATED PROGRAM NEXT 24 HRS:

Start environmental camera work and day grab sampling for six sites

JJ. PARTY CHIEF'S COMMENTS: (Optional)

The mobilization for environmental work was completed and the Shearwater made way back to the WEA to calibrate the new USBL transceiver and finish the geophysical survey. The survey went smoothly with no shutdowns for mammals.

KK. REPRESENTATIVE'S COMMENTS: (Optional)

 <p>For ALPINE <i>Daniel Whitesell</i></p>	<p>For US Wind</p>
<p>Dan Whitesell (Survey Party Chief)</p>	<p>0 (Client Representative)</p>
<p>Vessel: RV Shearwater Client: US Wind Location: Ocean City, MD Project: Maryland WEA SAP Survey</p>	<p>Project No: 1751 Date: 24 July 2015 Report No. 052</p>



**DAILY REPORT**

Vessel:	<b>RV Shearwater</b>	Project No:	<b>1751</b>
Client:	<b>US Wind</b>	Today's Date:	<b>25 July 2015</b>
Location:	<b>Ocean City, MD</b>	Report No:	<b>54</b>
Project:	<b>Maryland WEA SAP Survey</b>	Start Date:	<b>02 June 2015</b>

All times are **Local** (GMT - **4:00** hrs)

<b>AA.</b>	<b>VESSEL LOCATION AT 24:00 HRS:</b>		
Description:	<b>WEA Survey Area</b>	Latitude: <b>38 19.6813</b>	Longitude: <b>75 5.4852</b>

<b>BB.</b>	<b>WEATHER:</b>						
Time (Local)	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
	in	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00	29.97	4	SE	<1	N/a	Clear	WEA
08:00	30.01	8	SE	<1	8	Sunny and clear	WEA
16:00							Alongside
24:00							Alongside

<b>CC.</b>	<b>PERSONNEL &amp; EQUIPMENT:</b>						
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<b>C1.</b>	<b>Alpine OSS Personnel:</b>						
Party Chief:	Dan Whitesell		PSO: Robert Lee, Lee Slater				
Shift Supervisor:	Marcus Kwasek		Environmental Laura Jamieson				
Surveyor:	Rob Vietri						

<b>C2.</b>	<b>Additional Personnel</b>						
James Treacy-ESS							

<b>C3.</b>	<b>Client Personnel:</b>						
Client Rep.							

<b>C4.</b>	<b>Personnel On Board:</b>							
ALPINE:	6	CLIENT:	0	VESSEL:	6	OTHERS:	1	<b>TOTAL 13</b>

<b>C5.</b>	<b>ALPINE'S Equipment:</b>						
Applanix POS MV	ODOM CVM Singlebeam		Van Veen grab sample				
Klein 3900 Side Scan Sonar	Valeport SVP		Shallow water camera system				
Geometrics G882 Magnetometer	Gardline PAMS Mark III						
Datasonics CHIRP III Subbottom Profiler	Gen3 Night Vision Goggles w/ COTI						

<b>C6.</b>	<b>Additional Equipment</b>						
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<b>C7.</b>	<b>Project Variations (include notices of changes of personnel / equipment)</b>						
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<b>Off Vessel</b>				<b>On Vessel</b>			
<b>Personnel:</b>	Sam Tufano, Sharon Doake, Theresa Martin,			<b>Personnel:</b>	James Treacy, Laura Jamieson		
	Kaio Ryan, Brett Young, Farhan Arshad, Trevor Young						
<b>Equipment:</b>				<b>Equipment:</b>	Shallow water camera system, Van Veen grab sample		

<b>DD.</b>	<b>DIARY OF EVENTS TODAY:</b>						
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From	To	hrs	Code	
00:00	1:45	1:45	O	Continued survey operations in the WEA
1:45	5:00	3:15	SD	Survey standby to wait for daylight operations
5:00	8:45	3:45	O	Completed environmental shallow water camera work
8:45	10:00	1:15	O	End camera work and completed grab samples
10:00	12:30	2:30	T	Survey complete; Transit back to dock at USCG station, Ocean City, MD
12:30	24:00	11:30	O	Alongside at USCG station dock, Ocean City, MD

<b>EE.</b>	<b>PROJECT DATA:</b>						
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<b>E1.</b>	<b>Time Summary:</b>						
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Rate	Code	Previous Hours	Today Hours	Total Hours	Percent of Total
Mobilization	M	61:00	0:00	61:00	4.73
Transit	T	29:05	2:30	31:35	2.45
Calibrations	C	5:55	0:00	5:55	0.46
Operational	O	735:33	18:15	753:48	58.48
Weather Standby	W	189:09	0:00	189:09	14.67
Standby on Client	S	0:00	0:00	0:00	0.00
Vessel Downtime	VD	0:00	0:00	0:00	0.00

Port Standby	PS	176:00	0:00	176:00	13.65
Survey Downtime	SD	33:03	3:15	36:18	2.82
PSO Mitigation	MT	35:15	0:00	35:15	2.73
Disputed Time	DT	0:00	0:00	0:00	0.00
TOTAL		1265:00	24:00	1289:00	100.00%

Hrs. of Daily Operations 24 Cumulative Hours Check Value= 1296.00

E2. Survey Progress:							
Description	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
HRG Survey WEA	0.00	MD WEA	5446.00	5454.97		5454.97	100%
0	0.00	0	0.00	0.00		0.00	
0	0.00	0	0.00	0.00		0.00	
0	0.00	0	0.00	0.00		0.00	
TOTALS:		0.00	TOTAL 5446.00	5454.97	0.00	5454.97	100%

FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)				
Incidents & Drills	Previous Events	Today's Events	Events To Date	
Project & HSE Briefings	5		5	
Ships Drill, MOB, Fire & Abandon Ship	2		2	
Vessel guided tour	0		0	
Medical Treatment / First Aid Cases	0		0	
Tool Box Meetings	102	1	103	
Incident Reports	0		0	
Near Miss Reports	0		0	
Safety Observation Card (SOB)	2		2	
	0		0	
	0		0	
No. of survey Man-Hours worked since start of project or LTI.	22459	312	22771	


GG. VESSEL ROB's at 24:00hrs			
	Fuel (T)	Lube Oil (L)	Water (T)
	0.00	0.00	0.00
ROB at 00:00 hrs	0.00	0.00	0.00
Consumed Today	0.00	0.00	0.00
Received today	0.00	0.00	0.00
ROB at 24:00 hrs	0.00	0.00	0.00

HH. EXPECTED WEATHER NEXT 24 HRS:  
Alongside

II. ANTICIPATED PROGRAM NEXT 24 HRS:  
Demobilize all geophysical and environmental equipment

JJ. PARTY CHIEF'S COMMENTS: (Optional)  
The R/V Shearwater finished the last remaining lines of the geophysical survey. After waiting for daylight, the environmental operations took place from 0500 to 1000. Camera work and grab samples were taken at all six chosen locations. The survey was completed at 1000 local time and the R/V Shearwater made way to the USCG station to begin demobilization.

KK. REPRESENTATIVE'S COMMENTS: (Optional)

 For ALPINE <i>Daniel Whitesell</i> <b>Dan Whitesell</b> (Survey Party Chief)	For US Wind
	0 (Client Representative)
Vessel: RV Shearwater Client: US Wind Location: Ocean City, MD Project: Maryland WEA SAP Survey	Project No: 1751 Date: 25 July 2015 Report No. 054