



Frogmen Divers & Marine Service

10 Orchard Way

Sandwich, MA 02563

[REDACTED]

INVOICE

BILL TO

[REDACTED]

Sea Harvest, Inc

[REDACTED]

[REDACTED]

INVOICE # 1290

DATE 12/19/2017

DUE DATE 01/19/2018

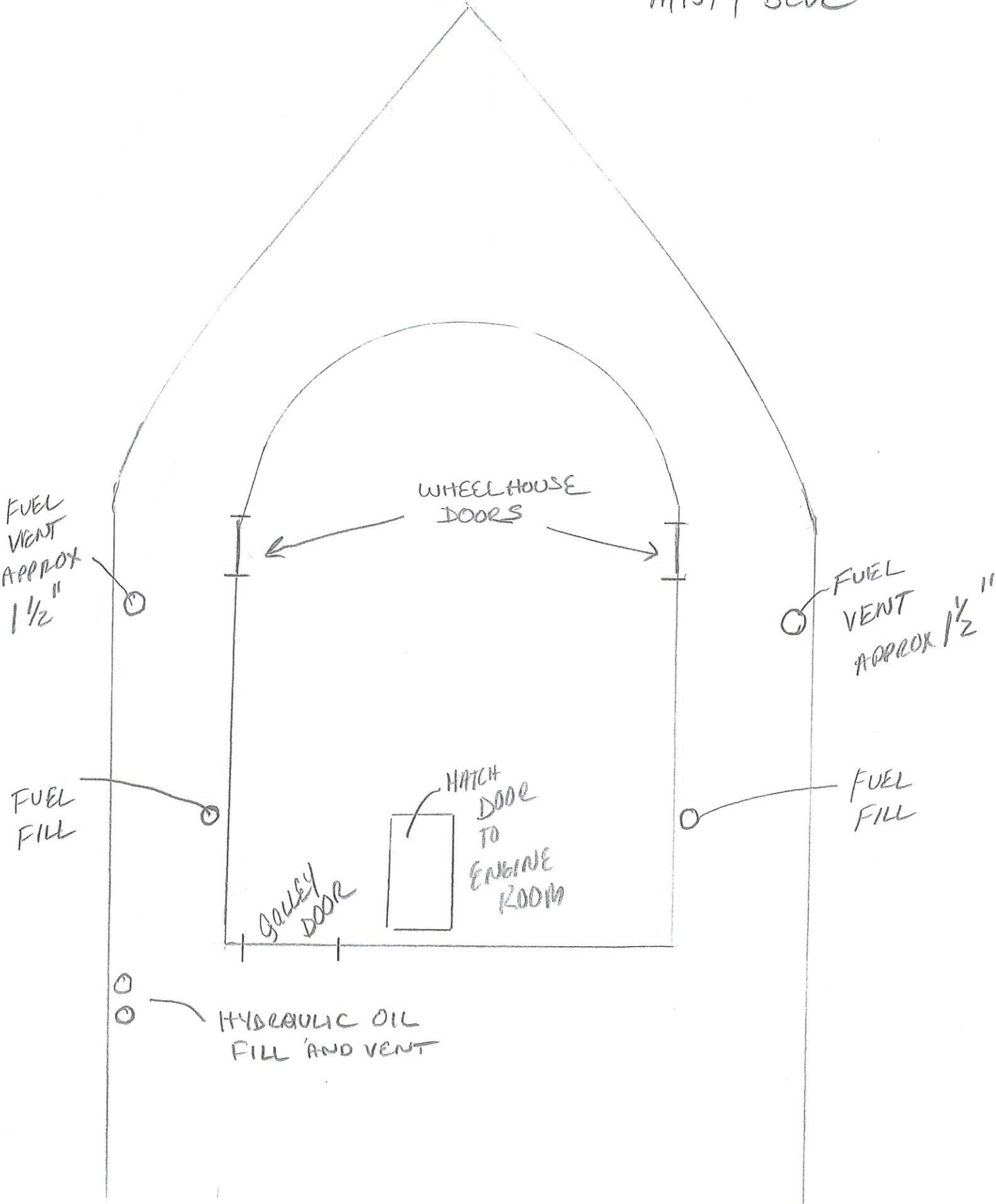
TERMS Due on receipt

ACTIVITY	QTY	RATE	AMOUNT
All work will accomplished in a good workman like manner in compliance with company Safe Practice Manual as well as TABLE D 1910 Subpart T OSHA commercial diving Regulations			
Work will consist of Visual/video dive survey, locate and recover any victims and plug vessel fuel tank vents as well as any requirements by governing authorities.			
hours 1st diver with basic hand tools	29	128.00	3,712.00
hours 2d safety diver with basic hand tools	29	128.00	3,712.00
hours 1st dive tender	29	100.00	2,900.00
hours Dive Supervisor	20	130.00	2,600.00
hour Dive boat with Capt & 1st mate	29	375.00	10,875.00
Misc fuel oils hardware i.e. pot warp line shackles etc.	1	200.00	200.00

BALANCE DUE

\$23,999.00

MISTY BLUE



GENERAL DAILY REPORT



Project Name: F/V Misty Blue
 Location: 41-11.3455N 069-46.0308W
 Contractor: Sea Harvest, Inc

Contract No. Dive Now
 Date: 12-18-17
 Day of Week: Monday

Weather

Clear	Fair	Cloudy	Rain	Shower	Snow
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEMP	<32	32-50F	50-68F	68-75F	76F>
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WIND	Still	Light	Strong	Gale	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WATER	<32F	32-50F	50-68F	76>	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Number of Resources

Personnel Hrs								Major Equipment												
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Forrest Ferrill	Michael Ferrill	Woody Ferrill	Matthew Ferrill	John Demasi	Drew Morris	Eric Sundermann	Mark Flynn	TOTAL PERSONNEL	Shallow Air Package	Intermediate Air Package	Deep Air Package	Live Boat Equipment Pkg	Hydraulic Power Unit	185 Air Compressor	Cutting & Welding Pkg	Water Blast & Booster Pu	Lift Bags	Generators	HD Video	TOTAL PLANT
								-	<input checked="" type="checkbox"/>											-

CURRENT	Still	Light	Strong	Gale
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TABLE	10	11-45'	46-80'	81-100'
		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Initials	Bailout Bottle
D	3100 PST
SD	

Circuit: C CR
 Water: Salt Fresh
 Bottom Gas Rate: 0.80
 Descent: 60 fpm
 Surface: 25 fpm
 Exp Bottom Time: 39 mins

Activity / Description of Work

12-17-17 Mobilize dive team steam out Sunday night on dock at 2130 to leave for job

12-18-17 0800 - on site, after state police don't hook it they move aside. we grapple into and dive 1hr 40 min earlier than tide to set down line
 Drew study
 Mike dives 0921 - in water
 0948 - out of water
 set down line on mast survey outside of vessel.
 locate crew members in boat, via porthole.
 notify state police of presence. they dive. Recover 1 of crew
 await tide and prep for nexted dive.
 Jump 1hr 7min before tide on charts
 0400 Mike in the water
 Remove stove that pinned last missing crew member and hand of to state police.
 Hatched all fill caps + bag/zip tie vents. had to look at tagle stitches to see orientation. can not confirm.
 Opening for engine room cluttered with chain + shackles.
 Pumping out of shack water wind to continue.
 0428 Mike out of the water.
 make off down line, by shortening + bundling and attach float bag for future if needed.
 Ready to head in to port
 1700 under way

12-19-17 0100 - on the dock unload small gear
 0215 at shop in Sandwich
 1130 Get crew head to RI to unload boat
 1700 at shop in Sandwich unload to trailer

GENERAL DAILY REPORT



Project Name F/V Misty Blue
 Location 41-11.3455N 069-46.0308W
 Contractor Sea Harvest, Inc

Contract No. Dive Now
 Date 7 Dec 17
 Day of Week Thursday

Weather

Clear	Fair	Cloudy	Rain	Shower	Snow
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEMP	<32	32-50F	50-68F	68-75F	76F>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WIND	Still	Light	Strong	Gale	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
WATER	<32F	32-50F	50-68F	76>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CURRENT	Still	Light	Strong	Gale	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TABLE	10	11-45'	46-80'	81-100'	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

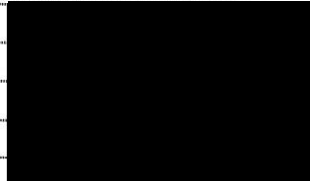
Number of Resources

Personnel Hrs								Major Equipment								TOTAL PERSONNEL	TOTAL PLANT		
Forrest Ferrill	Michael Ferrill	Woody Ferrill	Matthew Ferrill	John Demasi	Drew Morris	Eric Sundermann	Mark Flynn	Shallow Air Package	Intermediate Air Package	Deep Air Package	Live Boat Equipment Pkg	Hydraulic Power Unit	185 Air Compressor	Cutting & Welding Pkg	Water Blast & Booster Pu			Lift Bags	Generators
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>												
X																			

Initials: D Bailout Bottle: SD
 Circuit: C CR
 Water: alt resh
 Bottom Gas Rate: 0.80
 Descent: 60 fpm
 Surface: 25 fpm
 Exp Bottom Time: 39 mins

Activity / Description of Work

12-7 Mobilize dive team
 office work to put Dive Plan together -
 calls with Sgt Foley MASS STATE Dive Team.
 1215 P.O. Dehamy - Clerk of the works, Coast Guard
 suit off contract estimate standing by.
 morning weather report
 w winds 10-15 kts gusts 25kt. Seas 3-5 feet
 tonight w winds 15-20 kts gusts 30 4-6 feet
 Fri w winds 15 knots gusts to 30 3-5 feet
 Fri Night w. 5-10 kts gusts 25 2-4 feet Seas
 Job scheduled for Sat work shift start
 5AM as per state police dive team.
 Mike & Drew want to load up Pine Boat



GENERAL DAILY REPORT



Project Name F/V Misty Blue
 Location 41-11.3455N 069-46.0308W
 Contractor Sea Harvest, Inc

Contract No. Dive Now
 Date 8 Dec 17
 Day of Week Fri

Weather

Clear	Fair	Cloudy	Rain	Shower	Snow
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEMP	<32	32-50F	50-68F	68-75F	76F>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WIND	Still	Light	Strong	Gale	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
WATER	<32F	32-50F	50-68F	76>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Number of Resources

Personnel Hrs							
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Forrest Ferrill	Michael Ferrill	Woody Ferrill	Matthew Ferrill	John Demasi	Drew Morris	Eric Sundermann	Mark Flynn

TOTAL PERSONNEL

Major Equipment										
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Shallow Air Package	Intermediate Air Package	Deep Air Package	Live Boat Equipment Pkg	Hydraulic Power Unit	185 Air Compressor	Cutting & Welding Pkg	Water Blast & Booster Pu	Lift Bags	Generators	HD Video

TOTAL PLANT

CURRENT	Still	Light	Strong	Gale
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TABLE	10	11-45'	46-80'	81-100'
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials	Bailout Bottle
D	
SD	

Circuit: C CR
 Water: alt fresh
 Bottom Gas Rate: 0.80
 Descent : 60 fpm
 Surface: 25 fpm
 Exp Bottom Time: 39 mins

Activity / Description of Work

~~Mobilize dive team~~

12-8
 06:30 weather has winds on Sat, S to SW 40-50 KNOTS 17-24 foot seas.
 07:45 emailed group to POSTPONE Dive ops

[REDACTED]

07:50 TEXT SGT Foley MASS STATE Dive chief of the weather.
 08:24 added [REDACTED] to GRP



**Forrest Ferrill, mgr
Frogmen Divers & Marine
2 Washington Circle Unit #1
Sandwich, MA 02563**

**[REDACTED] voice
508-977-7337 fax**

Jan 25,2017

RE: F/V Misty Blue Dive Report

any blue color text is a hyperlink to the video

any picture can also be hyperlinked to the video by clicking on the picture while holding down the control key.

1. General exterior swim to see if there are any water tightness issues.
The diver examined the exterior of the vessel looking for any integrity issues. No breach of hull or any other signs of defective structure observed.
2. Recheck fuel caps and vents.
The diver checked and the fuel caps are tight. The vents remain covered by extra heavy plastic bag. No signs of oil leak or seepage.
3. Confirm that the dredge has tipped off the A-frame and that is now off the port side of the vessel.
The dredge remains where it was from the first dive—resting off to the port side on the bottom of the sea.
4. Provide a measurement of the length of the dredge wire past the top block, or some other measure that will tell us more closely the vertical position of the dredge before the sinking. **Cable seems spooled out 8 to 10 feet. Dredge rack rail [link](#).**
5. Provide some sort of measure of that [forward ballast](#).
The forward ballast is missing. There are securing chains on deck but no ballast.
6. Identify whether the pacer pump switches 2 (located on the aft bulkhead of the house) are in the on or off position.
The pacer pump [switches](#) were not located.
7. Look at the overhead in the cabin and engine room to identify any pockets of oil.
Divers did not observe any [oil](#) (engine room ceiling) or oil remains anywhere.
8. Identify the valve positions on the engine room [manifolds](#) and sea chest.
All Valve positions in the engine room on manifolds are in the closed position. Except for the left manifold "[sea water](#)" which was open. Crossover valve between manifolds position is undetermined.

9. Identify whether watertight doors [3] are closed and dogged.

Divers approached the vessel on the 1st dive working deck door to galley was closed, re-secured when exiting, however, subsequent dive observed that the water tight doors were open. The door in the engine room to the stern had a line floating in the way, was removed so door could be secured. Leaving the vessel all doors were dogged shut.

10. Identify whether any air is escaping through deck openings from diver air when diver is inside. No air seen or recorded or reported by the divers.

11. Close/dog all openings after exit.

all 3 water tight doors were open or here engine room door here too. Plus a small door aft of engine room port side. They were dogged closed when we left except the small door.

1st dive 00:40

2d dive helmet cam exterior

2nd dive hand cam exterior

2nd dive helmet cam interior

Sincerely

Forrest Ferrill, mgr
Frogmen Divers & Marine Service



STARBOARD PILOTHOUSE DOOR FOUND OPEN



Starboard Side





Port side bagged vent

Cable coming from the dredge up to the block



Cable and block to the dredge



Vessel has settled into the sea bottom 3 feet from original photos



Some scrapes look fresher than others





Pilot house roof controls





Engine room ceiling no sign of oil



Engine room control?







Engine room bulkhead door



Engine room switches, pacer pump switch?



Port side aft of engine room looking astern lazarett access?



Port side looking aft Lazerett access?





Leaving closing the door.





Port side dredge rack rail



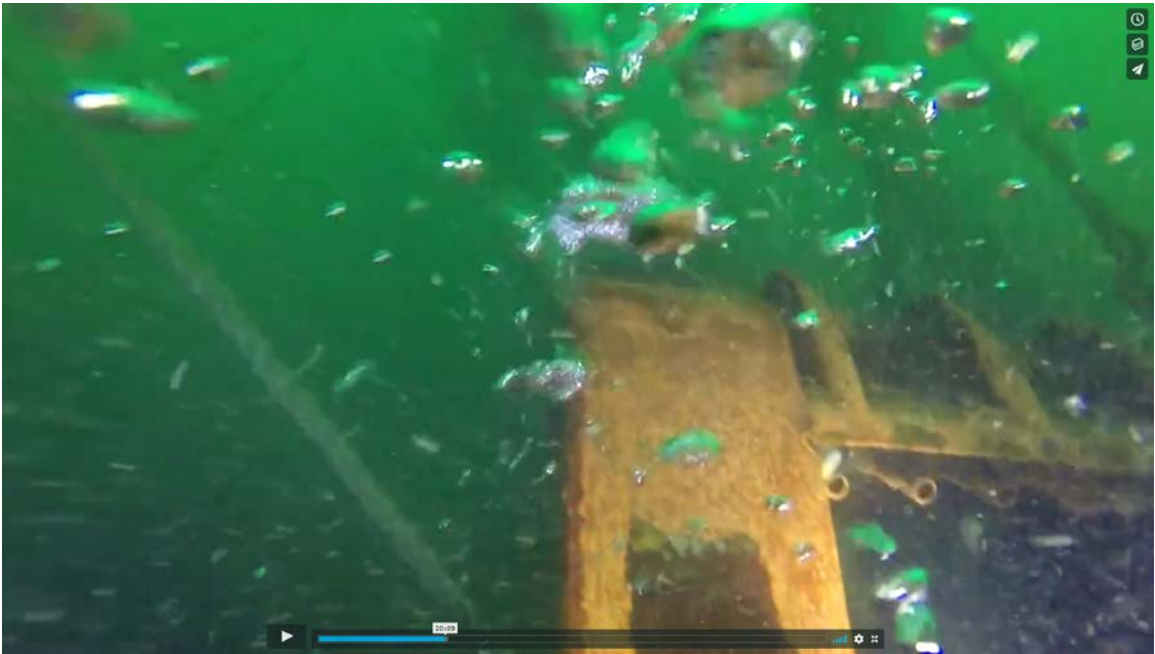


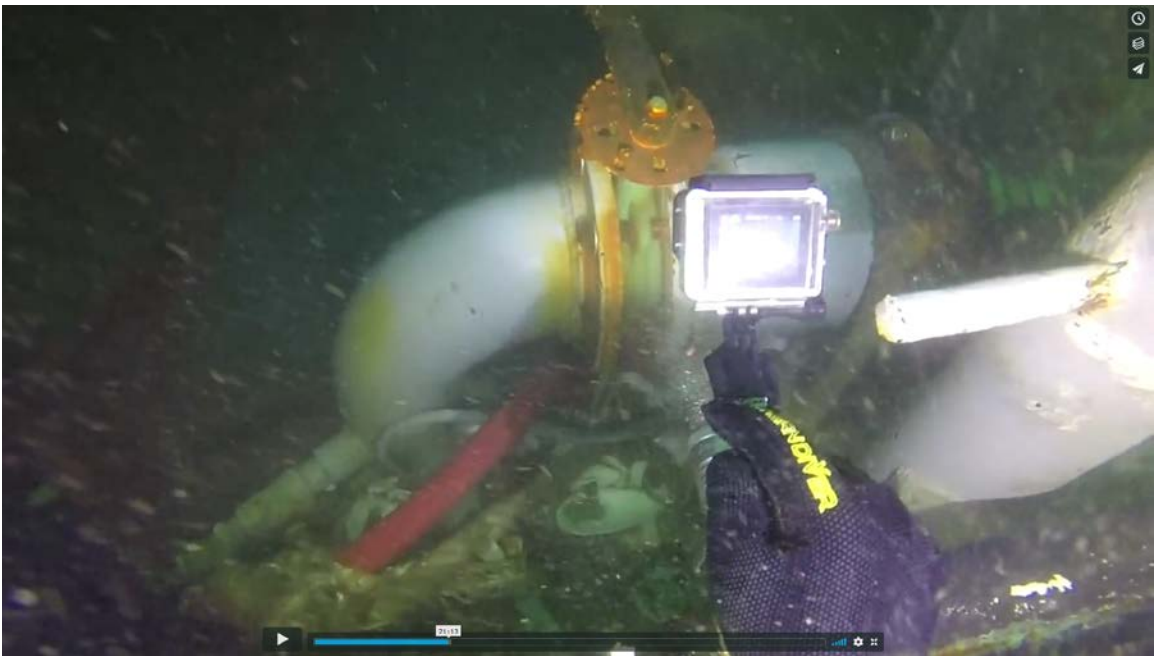
Top of dredge cable up to block













Bow bit with chain and strap



Starboard Bagged vent



GENERAL DAILY REPORT



Project Name F/V Misty Blue
 Location 041'11.3455N 069'46.0308W
 Contractor Sea Harvest, Inc

Contract No. 20184
 Date 5/21/2018
 Day of Week Monday

Weather

Clear	Fair	Cloudy	Rain	Shower	Snow
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEMP	<32	32-50F	50-68F	68-75F	76F>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WIND	Still	Light	Strong	Gale	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
WATER	<32F	32-50F	50-68F	76>	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CURRENT	Still	Light	Strong	Gale	
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
TABLE	74	11-45'	46-80'	81-100'	
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Resources

Personnel Hrs							Major Equipment											
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shallow Air Package	Intermediate Air Package	Deep Air Package	Live Boat Equipment Pkg	Hydraulic Power Unit	185 Air Compressor	Cutting & Welding Pkg	Water Blast & Booster Pu	CG25	ROV	HD Video	TOTAL PLANT
Forrest Ferrill	Michael Ferrill	Woody Ferrill	Matthew Ferrill	Drew Morris	Eva Longobardi	Eric Sundermann												
21	21				21	21												
TOTAL PERSONNEL																		
84																		

Initials	Bailout Bottle
D	3200
SD	3,500

Circuit: OC CR
 Water: Salt Fresh
 Bottom Gas Rate: 0.80
 Descent : 60 fpm
 Surface: 25 fpm
 Exp Bottom Time: — mins

Activity / Description of Work

5-21	21:00	mobilize men & equipment
	22:50	Load boat prepared to tackle problem with 2-1/2, 2, 1-1/2 inch dollar plugs as well as hard cap sizes with underwater epoxy
	23:40	Leaving the dock
5-22	07:25	Arrive position 41'11.342N 69'06".042
	08:00	No down line marker buoy. Found the buoy 20 below fsw.
	09:15	grapple onto the down line
	10:47	Mike set up as diver
LS	10:49	Diver in the water. Left surface with various size caps, plugs & epoxy.
	video	Dropped down to starbord side of Misty Blue. It appears to be sitting on her keel just as we left it
	video	Pilot door was open however.
	video	Tightened the fuel tank fill caps.
	video	plugged the starboard side fuel vent the sealed with underwater epoxy.
	video	plugged the port side fuel vent then sealed with underwater epoxy
RS	11:09	Reached Surface. Max depth 74 fsw, TBT 19 mins.
	12:00	left dive site
	19:30	Arrived into port
	20:00	demobe boat & equipment
	21:00	Arrive main warehouse put gear away

Dive Supervisor Site Supervisor