August 25, 2005

Adam Erickson
Enbridge Energy
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Dear Adam,

Attached you will find the job overview report. The report will contain detailed information from the Enbridge Energy, Straits of Mackinac pipeline inspection and repair project. Included with the report are: Daily Survey logs (inspection vessel and barge), ROV inspection logs, ROV survey and ROV barge video logs, dive video logs, dive logs, construction logs and span diagrams.

ROV inspection services started June 04, 2005 – June 22, 2005 for Enbridge Energy's, Straits of Mackinac east and west legs, pipelines. Diving operations started June 07, 2005 – June 22, 2005 for Enbridge Energy. ROV inspections were conducted following each of the pipelines looking for pipeline condition and spans. When finding a documented over length span, diving operations would proceed to place anchor support at specific locations.

Thank you for allowing Onyx Special Services, Inc. to perform survey and diving services. If there is any question, please don't hesitate and call.

Sincerely,

John Schilla – Hydrographics Manager
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Project Overview

Onyx Special Services, Inc was retained by Enbridge Energy Company Inc. to inspect and repair 1 each, east and west, 24 inch diameter steel pipelines crossing the Straits of Mackinac. These lines run parallel to each other and are separated by approximately 1000 feet along the 4.6-mile length of the crossing, and are situated in water depths ranging from 0 to 250ffw. Both lines are buried out to water depths of approximately 50 feet, and then lie uncovered on the bottom.

The focus of this project is to inspect, identify existing conditions and repair areas which could potentially compromise the safety of the lines. Examples of these conditions could include exposed or unsupported areas of pipe, severely degraded or missing coating, or damage caused by impact. In past surveys, it was determined that the exposed pipelines are now unsupported in many areas along the crossing.

Inspection and diving services mobilized to Mackinaw City May 31, 2005 and were de-mobilized to Cheboygan June 22, 2005. The inspection services were conducted with a remote operated vehicle (ROV). Acoustical tracking, along with video records indicated that numerous spans exceeded the design tolerances of the line. As such, Onyx was mobilized to place designed supports within these problem spans. This report includes data on this repair operation as well as the initial inspection.



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Operations

Onyx Special Services, Inc. and Durocher Marine completed the inspection vessel (Timmy V) at Durocher Marines, Cheboygan yard, and mobilized to Mackinaw City on May 31, 2005. Enbridge Energy's pipeline inspections started June 04, 2005 on the East pipeline leg. Diving operations barge equipment mobilization at Durocher Marines yard on June 01, 2005. On June 05, 2005, mobilization of the primary tug and diving operations barge to Mackinaw City dock, where the vessels would dock for the entire job. From Mackinaw City, the inspection vessel, diving operations barge, equipment and personnel would mobilize to repair affected areas along Enbridge Energy's east and west crude oil pipelines crossing the Straits of Mackinac. Onyx Special Services, Inc. would provide the navigation, positioning, remotely operated vehicles (ROV) support and diving operations. While Durocher Marine would provide the inspection vessel, tug boat, barge, anchors and crane.

In planning the repair operations of the pipelines, the east pipeline would first be filled with NGL and then be shutdown for the entire survey and dive repair work. As the ROV survey proceeded, affected areas of concern were determined by Enbridge Energy management viewing documentation from the Remotely Operated Vehicle (ROV) inspection videos and reports. The ROV inspection was working a day or two ahead of the diving operations along the one designated pipeline. Given the length of the spans, spans that were over 140' in length, which require the pipe line to be shut down, and spans over 75' in length, would be repaired. The west pipeline would then follow the same procedure as the east.

Diving operations for the east line repairs began on June 6, 2005 and went through June 22, 2005. Spans on the east pipeline were:

- East Line – Spans that would require repairs: E-53, E-54, E-76, E-71, E-48, E-65A, E-15, E-28, E-08B and E-66, not in any specific order. (Also, see span table.)

Diving operations for the west line repairs began on June 17, 2005 and went through June 22, 2005. Spans on the west pipeline were:

- West Line - Spans that would require repairs: W-36, W-40, W-53, W-60B, W-60A, W-58B, W58A, W-59B and W59A, not in any specific order. (Also, see span table.)

Onyx Special Services Inc.
[illegible] Nordale Drive
Appleton WI 5491[illegible]
Tel [illegible]

Summary of Methods / Equipment Limitations

Remote Operated Vehicles – Seaeye "Tiger"



The "Tiger", Remotely Operated Vehicle (ROV) system is extremely versatile and can be employed to carry out a variety of tasks including surveying, searching and inspections. A pilot on the surface controls the vehicle remotely by sending commands to the vehicle via an electrical umbilical and tether. The vehicle can be moved in any direction or by using the autopilot facility remain accurately on course and depth to provide a stable platform. The pilot can also control the vehicle's video system, lighting and any other equipment fitted to the unit.

For this inspection, the vehicle is fitted with altimeter and sector scanning sonar, which enabled the operator to see objects out of the visual range of the video camera. Navigation was provided by the Link Quest tracking system in concert with RTK tracking and a stand-alone computer with Coastal Oceanographic's Hypack software. In use, the ROV is fitted with a Link Quest acoustic transponder, which sends out a sound signal to be picked up by a hydrophone mounted on the side of the surface support vessel. The offset of the vehicle (calculated by Link Quest) is fed to the navigation computer that plots a corresponding XY position based on Real Time Kinematics (RTK) information. Video from the on-board camera is recorded in a computerized and VHS format, with the operator entering position information to the on-screen display. Once data has been gathered as acoustic records, video documentation is encouraged in order to provide definitive ground truthing of the indications on the sonar record.

In operation, the vessel crew positions the support vessel over the pipeline utilizing a 2 and in some instances a 3 point anchoring system. With evidence of a strong fix RTK lock on the RTK as well as a solid return from the vehicle tracking system, the vehicle is launched from the surface to begin its descent to the bottom. Once on bottom, the operator utilizes the navigation system to guide the vehicle to the pipeline. With the pilot free to fly the vehicle, the survey supervisor takes notes with further direction given by the client representative on site. "Parking" the vehicle at the desired location attains accurate location of anomalies, while the Link Quest tracking and RTK stabilize and update the position. This position is noted in the inspection log for future reference.

The main limitations to this equipment are related to water clarity (visibility), water current, and surface weather and wave conditions. Obviously, in highly turbid water conditions, an acceptable video record is impossible to generate. Fortunately water clarity for this project was exceptional, allowing for a very clear video record. Higher water velocities (current) can pose difficulties in

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keeping the vehicle on station, or even getting it to the target. Currents of 1 to 2 knots were encountered during this project, which did pose challenges.

The most prevalent limitation of this equipment is imposed by weather conditions. High winds/waves make for difficulties in keeping the vessel on station (dragging anchors) as well as degrading the accuracy of the acoustic tracking system (due to the pitching and rolling of the vessel and hydrophone combination). Throughout the survey period we encountered periodic weather delays and equipment set-backs.

Equipment Overview (Inspection Operations)

For the inspection, Onyx mobilized the Remote Operated Vehicle (ROV), a vessel and additional equipment from Cheboygan, MI to Mackinaw City, MI. This package consisted of the following:

- 40' crew vessel "Timmy V"
- Seaeye "Tiger" - Remotely Operated Vehicle with all associated equipment
  - Typhoon Camera
  - Tilt Unit
  - Lighting
  - Compass
  - Depth Sensor
- Comprehensive field spares kit
- Sector Scanning Sonar / Altimeter
- Link Quest tracking, short base line acoustic tracking system
- TSS Standard Gyro
- Motion Reference Unit (MRU)
- Trimble - Real Time Kinematics (RTK) (centimeter accuracy)
- Computer navigation system
- Computerized and VHS, Video recording equipment
- Offshore safety package

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Diving Operation and Equipment



The project superintendent is in contact with immediate personnel on treatment gas stores, equipment and equipment start-up. In turn, the tug boat captain is in contact with the USCG for shipping traffic concerns, weather reports and will report this information to the project superintendent. At this point, the project superintendent and client representative will make the determination of project location and a decision to sail.



Span coordinates identified from the ROV survey used to plot anchor and mooring locations. Barge is positioned over anchor locations identified by the Hypack navigation system. The Hypack navigation program, located on the dive barge, brings in information provided from the Vector Sensor, Motion Reference Unit (MRU) and Link-quest tracking, which is then relayed to a monitor on the tug for the tug captain to follow. The anchors are then dropped approximately 750' from the pipeline and 1000' apart. Once both anchors are in position (2 anchor spread off the stern of the barge) the barge is towed into position and held in place with a constant speed and heading from the tugboat.



The Phantom ROV is launched so that a specific repair procedure and location can be selected. Locations were selected based on their proximity to the center of the span, type of bottom encountered (smooth or irregular, hardness) and span height.

The dive bell is then lowered to the work site, guided by the ROV. Adjustments are then made for barge positioning.



When positioning of the barge is finished, guided by the remotely operated vehicle, the hydraulic drilling tool is then lowered to the work area and is held by the crane approximately 25' away from the pipeline.

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The screw anchor and saddle support, which is a prefabricated design, is designed to drill along both sides of the pipeline. Extensions can be added, for adjustment with sub-bottom material or span height. When drilling into the sub-bottom, a specified hydraulic pressure must be met. At that time, the upper and lower saddle supports are installed. Placing the support over and under the pipeline and then all-thread bolts bring all the support saddle together.

Dive operation begins and bottom time starts when the diver leaves the surface.



Once on bottom, the diver will bring the drilling tool over the pipeline and lowers the drilling tool into place. Once in place, drilling will proceed. Diver will monitor drilling process until complete. When drilling is complete, the 3-pin assembly is disconnected and the hydraulic tool is lifted off the screw assembly and safely placed off the East Side of the pipeline to prevent dragging back into the pipe.

Diver will then assemble the anchor and saddle into place.

A repair (as detailed in above) is completed.



The final inspection and position of the pipeline repair is recorded from the ROV. Diver was brought to the surface and decompressed.

This process usually entailed multiple dives to complete.



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Findings

The Remote Operating Vehicle (ROV) survey inspection took place June 04, 2005 – June 22, 2005 on the east and west pipelines. The diving operations followed 1 to 2 days behind the ROV inspections. Data obtained by the ROV survey inspection closely followed past findings and data obtained in the 2004 survey. During this time, Enbridge Energy made the determination that the east pipeline would be surveyed and repaired. The pipeline would have NGL placed in the line and then be locked out of service. When the inspection and repair work was concluded, the pipeline would then be placed back into service. The same procedure would be done to the west pipeline. Both the east and west pipelines show intermittent suspension over their entire length. Previous grout bag repairs were noted on the east and west lines where the pipeline no longer rested on the bag. The exposed portion of the pipeline is heavily covered in zebra mussel growth, making a detailed analysis of the coating and actual pipe condition impossible. Additionally, areas of debris encroachment as well as cables lying over the pipeline were noted.

The attached span logs identifies repaired spans, location of all spans, spider locations and current meter deployments, with northing / easting coordinates to each. Also included with this report is a CD with a very detailed informational spreadsheet of each span. Some of the information included in this spreadsheet: 2005 / 2004 span numbers, length, height, video tape number, DVD copy number, northing, easting, longitude, latitude and description.



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Equipment Overview (Diving Operations)

The following equipment was mobilized to Durocher Marines yard in Cheboygan, MI for setup on barges.

- 1 - Mixed gas control Trailer
- 2 – 54" deck decompression chambers
- 4 – Hot water machines
- 2 – Quincy 5120 divers air compressors
- 150kw Multi-quip generator
- Class 2 diving bell and Handling system
- 2 – Underwater video and lighting systems
- Deep Ocean Engineering "Phantom HD2" - Remotely Operated Vehicle with all equipment and spares (Observation Class)
- Imagenex sector scan sonar
- Link Quest tracking Plus tracking system with 4 beacons
- 2 - Hypack navigation computers
- Vector Sensor GPS System
- 3 – 600' Divers umbilical
- Mixed gas stores
    - 100% Oxygen (Decompression gas)
    - 8416 HeO2 (Bottom mix)
    - 8614 HeO2 (Bottom mix, emergency gas)
    - 6040 HeO2 (Decompression gas)
    - 6040 Nitrox (Treatment gas)
- Miscellaneous diving and construction equipment (Hoses, extension cords, torches, tools, etc.)
- Helical Screw Anchors and Supports

    - Due to space and weather considerations, the above equipment was setup in storage containers stacked and sea fastened to the barge. The Hypack navigation equipment was centralized in the dive trailer, tracking the barge heading and position, ROV position, bell position and anchor drilling tool position. With the primary navigation being controlled from the dive trailer, a monitor was installed in the tug boat for navigation.

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Remote Operated Vehicles – Deep Ocean "Phantom HD2"



The Phantom ROV is mainly used for diver observation from the barge diving operations and is equipped with a remote pan and tilt video camera with auto focus controls, as well as 1000 watts of total lighting. The ROV is a free-swimming vehicle tethered to a surface support vessel and controlled by personnel on-board. For this operation, the vehicle was also fitted with sector scanning sonar, which enabled the operator to see objects out of the visual range of the video camera. Navigation was provided by the Link Quest tracking system in concert with a CSI Wireless Vector Sensor GPS tracking and a stand-alone computer with Coastal Oceanographic's Hypack software. In use, the ROV is fitted with an acoustic transponder, which sends out a sound signal to be picked up by a hydrophone mounted on the side of the surface support barge. The offset of the vehicle (calculated by Link Quest) is fed to the navigation computer that plots a corresponding XY position based on GPS information. Video from the on-board camera is recorded in a computerized and VHS format, with the operator entering position information to the on-screen display. Once data has been gathered as acoustic records, video documentation is encouraged in order to provide definitive ground truthing of the indications on the sonar record.

The main limitations to this equipment are related to water clarity (visibility), water current, and surface weather and wave conditions. Obviously, in highly turbid water conditions, an acceptable video record is impossible to generate. Fortunately water clarity for this project was exceptional, allowing for a very clear video record. Higher water velocities (current) can pose difficulties in keeping the vehicle on station, or even getting it to the target. Currents of 1 to 2 knots were encountered during this project, which did pose challenges.

The most prevalent limitation of this equipment is imposed by weather conditions. High winds/waves make for difficulties in keeping the vessel on station (dragging anchors) as well as degrading the accuracy of the acoustic tracking system (due to the pitching and rolling of the vessel and hydrophone combination). Throughout the survey period we encountered periodic weather delays and equipment set-backs.

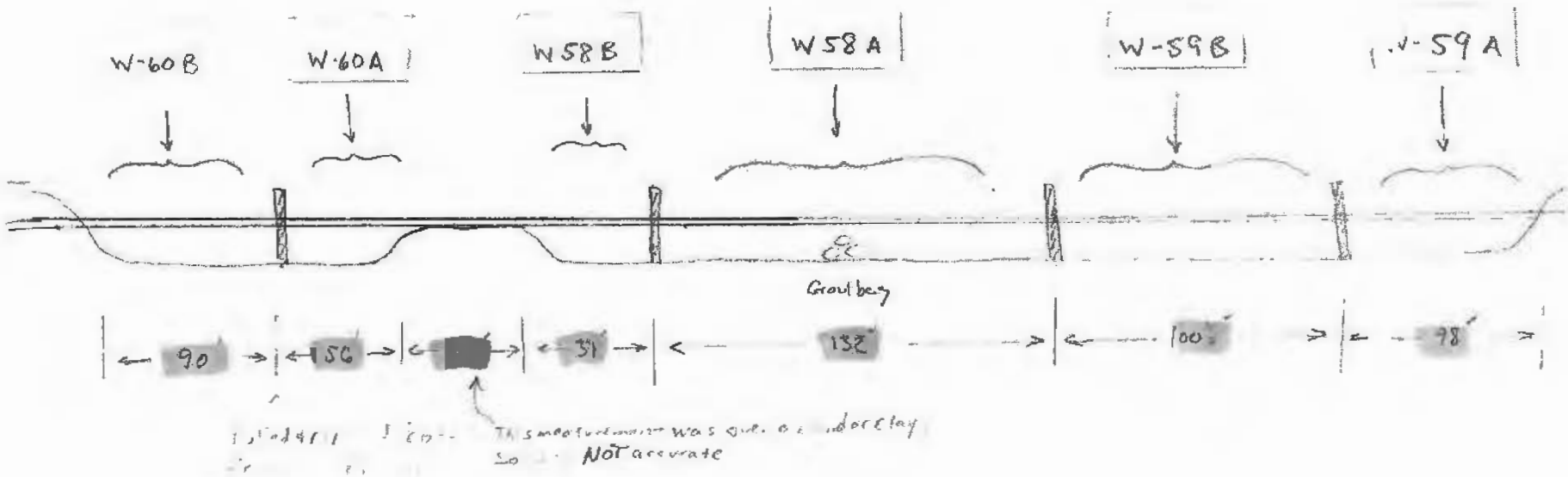
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Span Log and Field Span Diagrams

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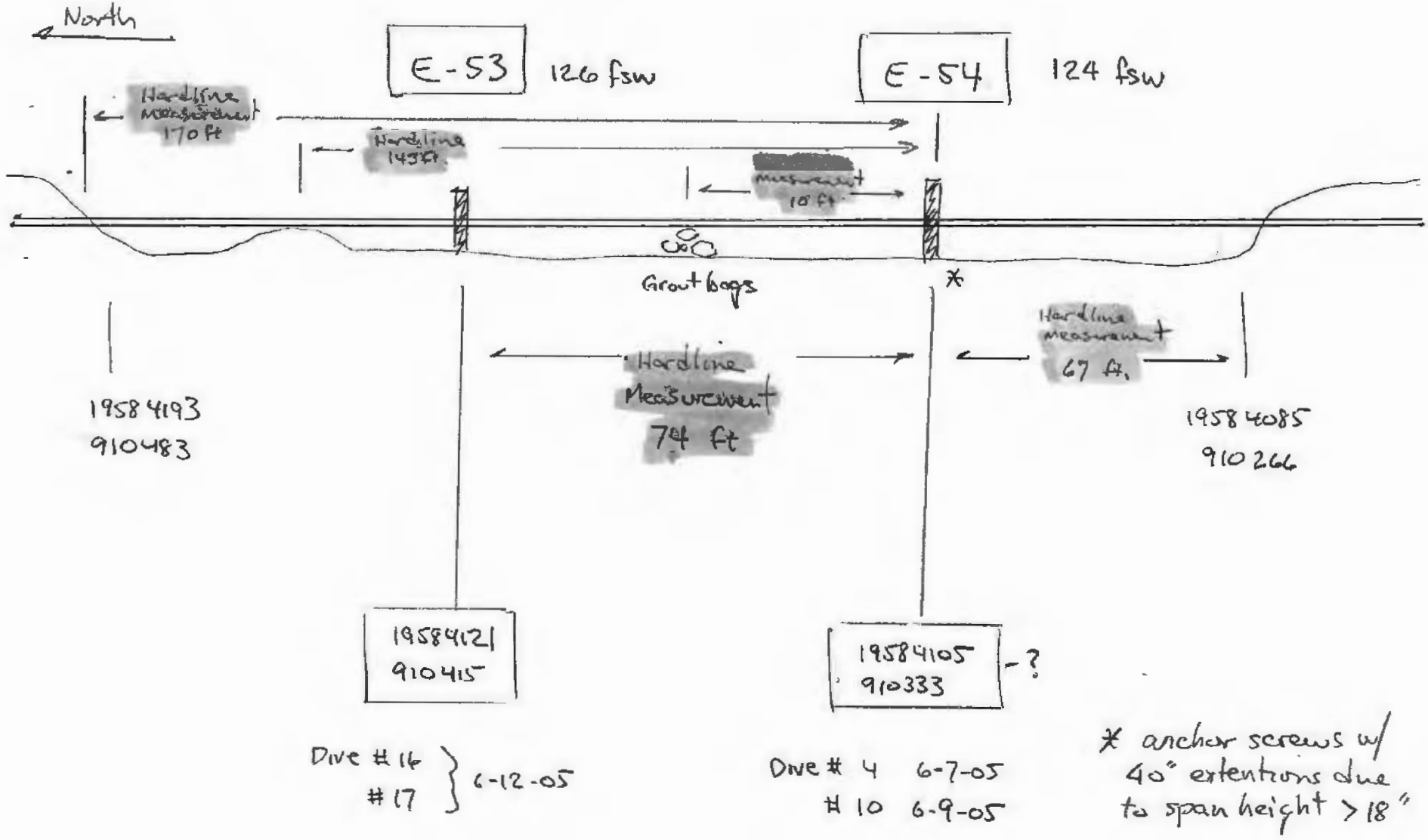
Span # (2005)	Water Depth (fsw)	Length of Extensions (In addition to Std.)	# Dives to Complete	Bottom Time (hr:min)
E-66	115	X	2	1:40
E-54	124	40"	2	1:32
E-08b	224	X	3	1:55
E-28	84	32"	1	1:12
E-15	191	X	4	2:22
E-53	126	X	2	1:29
E-65A	68	X	1	1:09
E-48	104	X	1	0:58
W-36	130	X	3	2:01
W-40	125	X	2	1:34
W-53	173	X	3	2:42
W-54	235	X	2	1:13
E-76	217	X	3	1:50
E-71	75	X	2	2:13



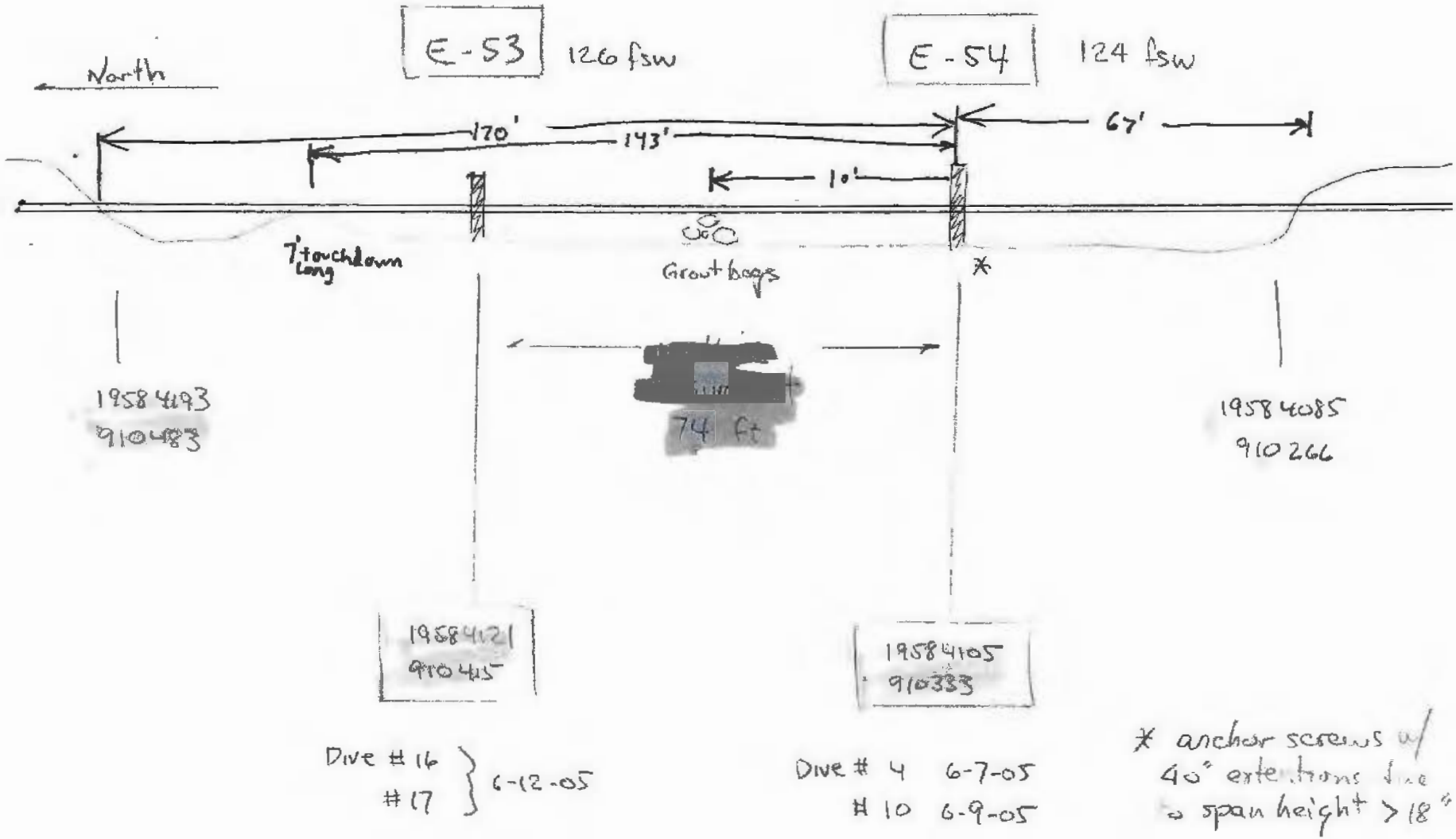
* All linear measurements performed by diver w/ hardline tape

Dive # 35 } 6-22-05
36 }

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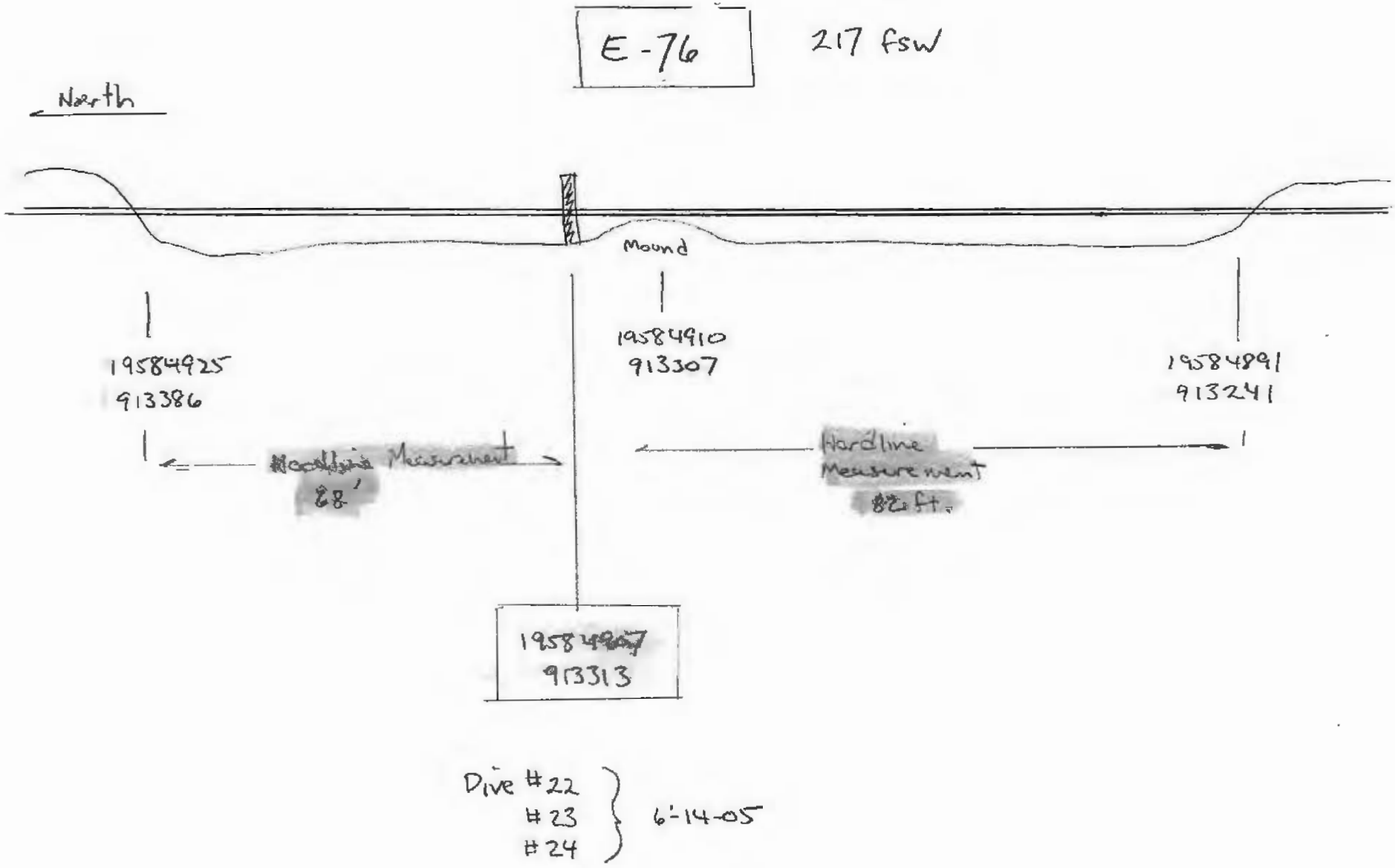
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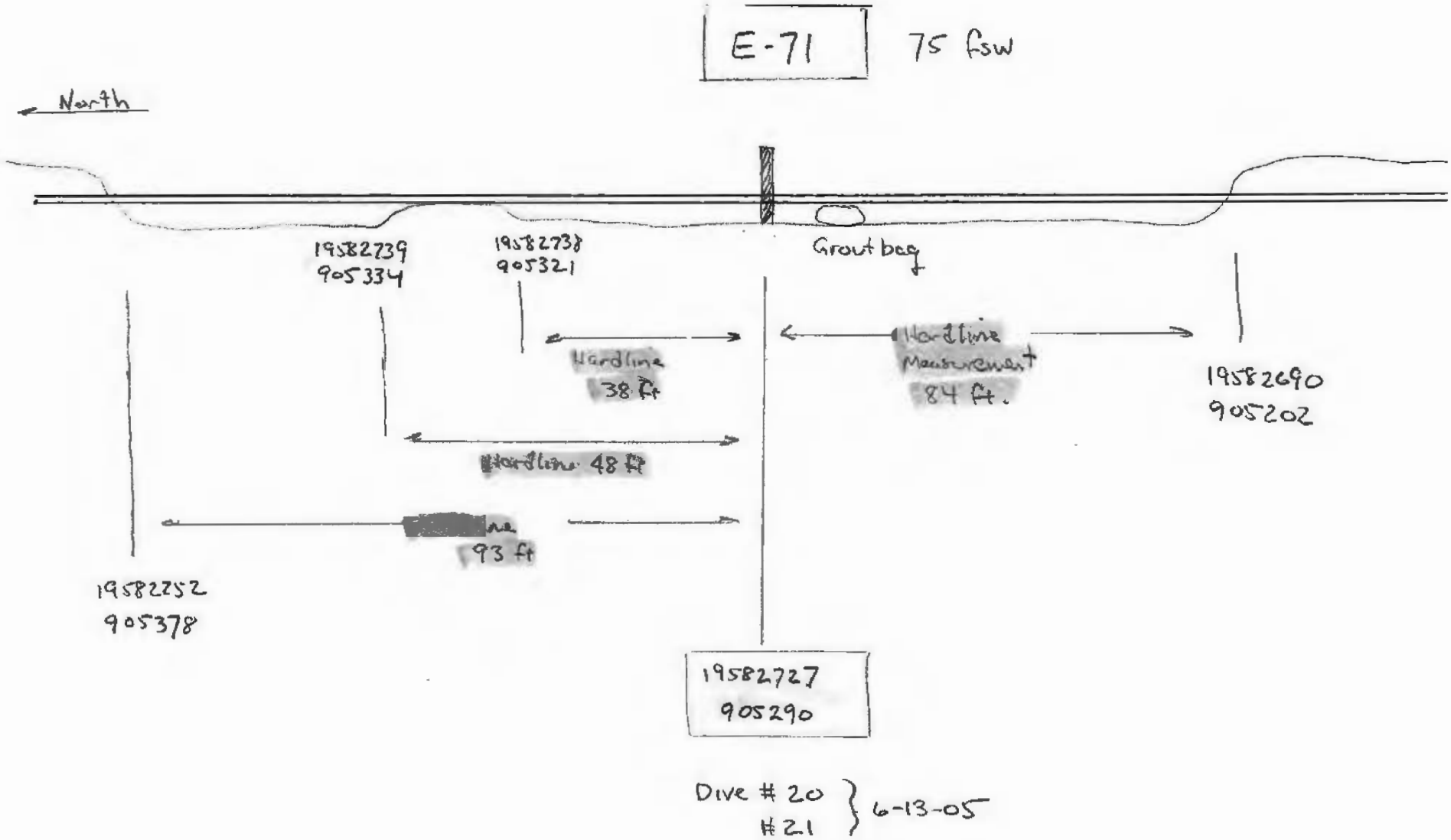
E-76

217 fsw

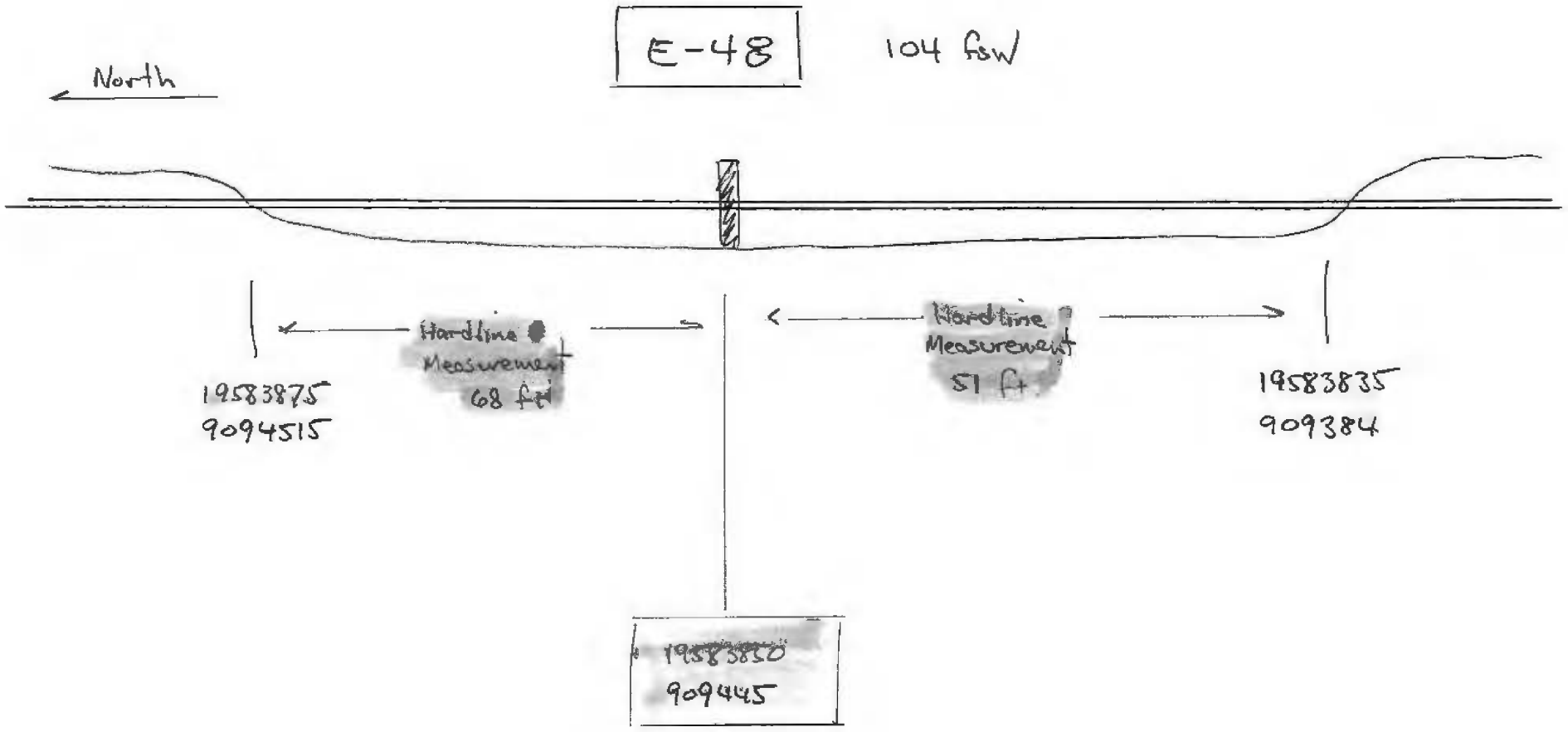


Dive #22
#23
#24
6-14-05

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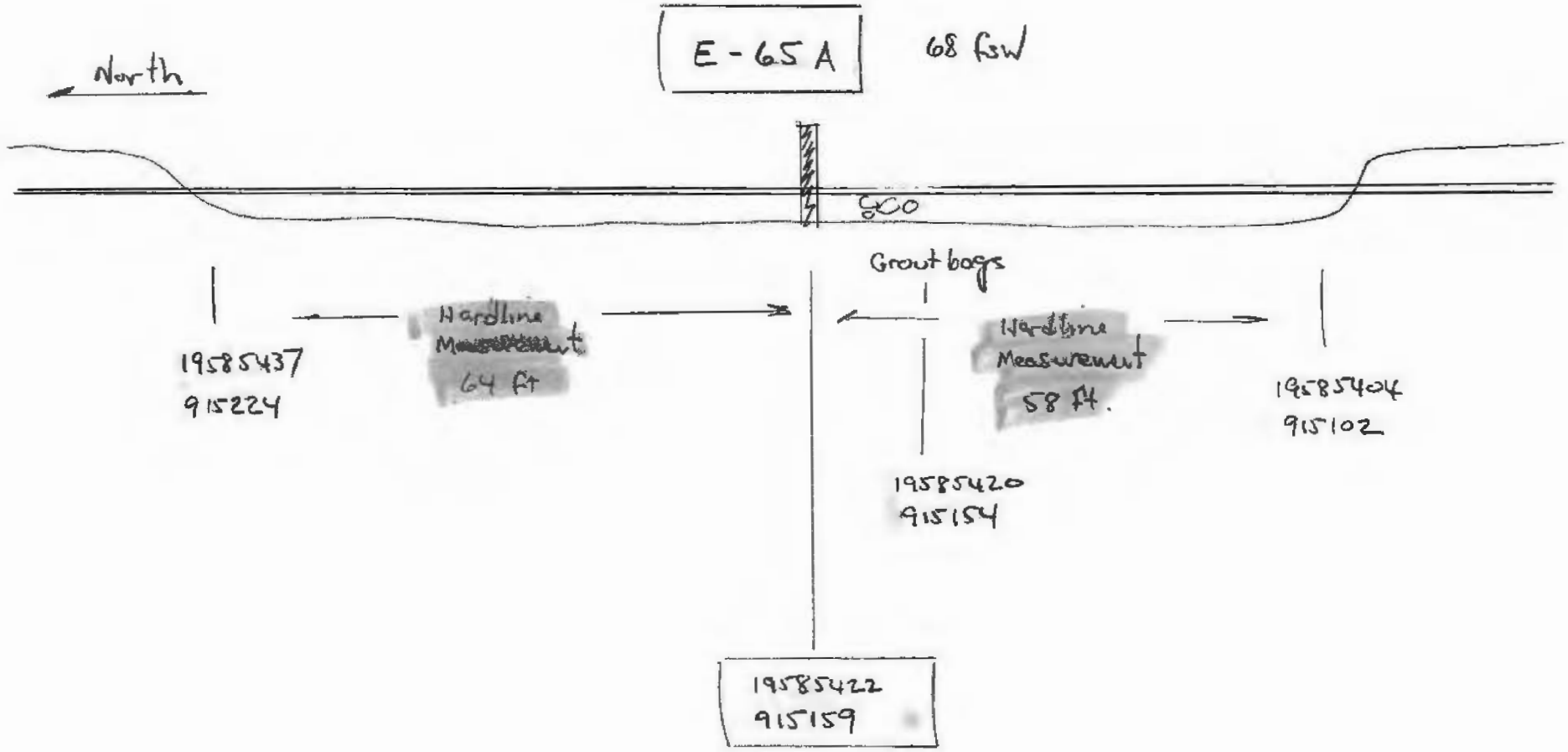


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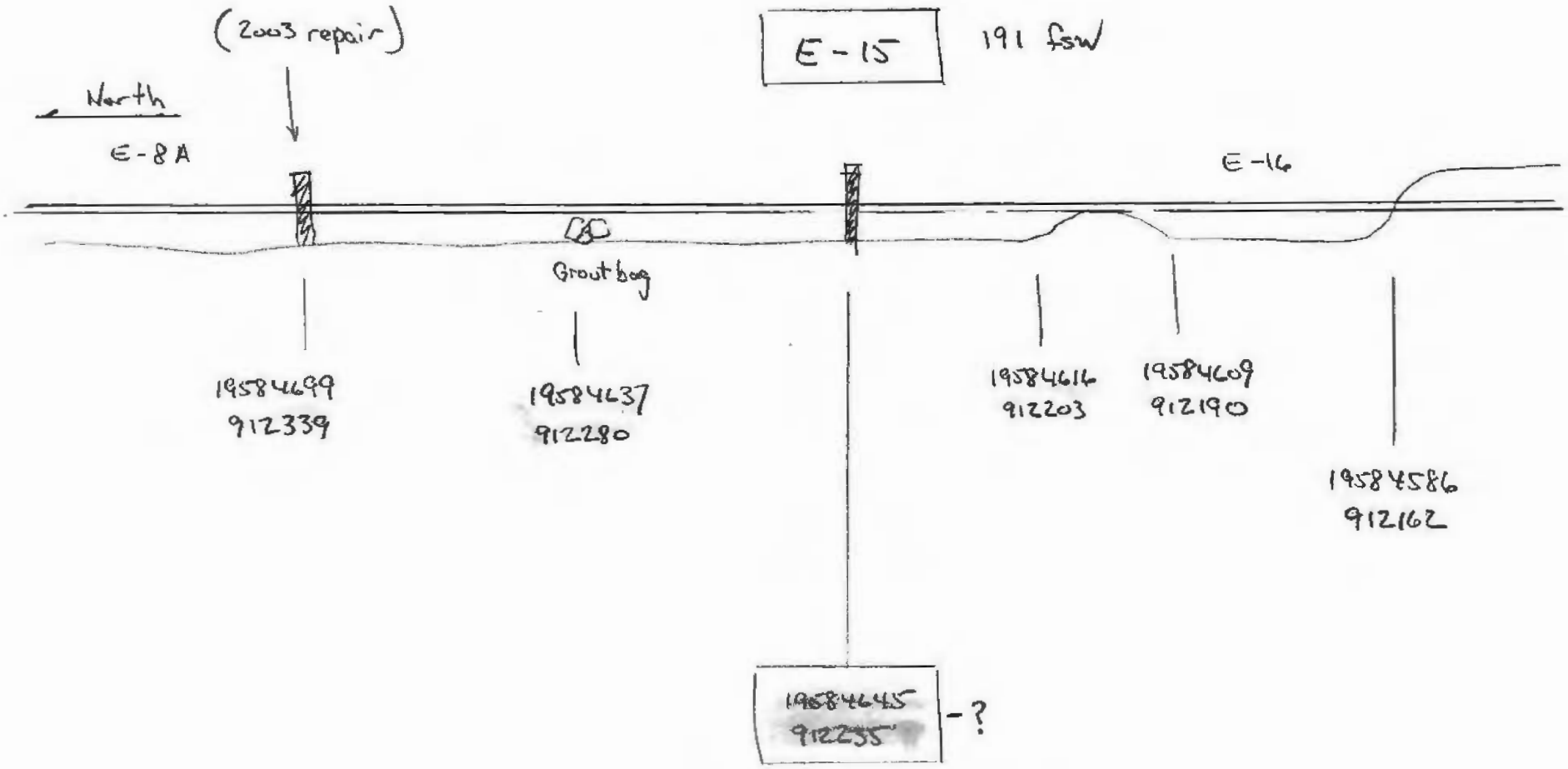
Dive #19 6-13-05

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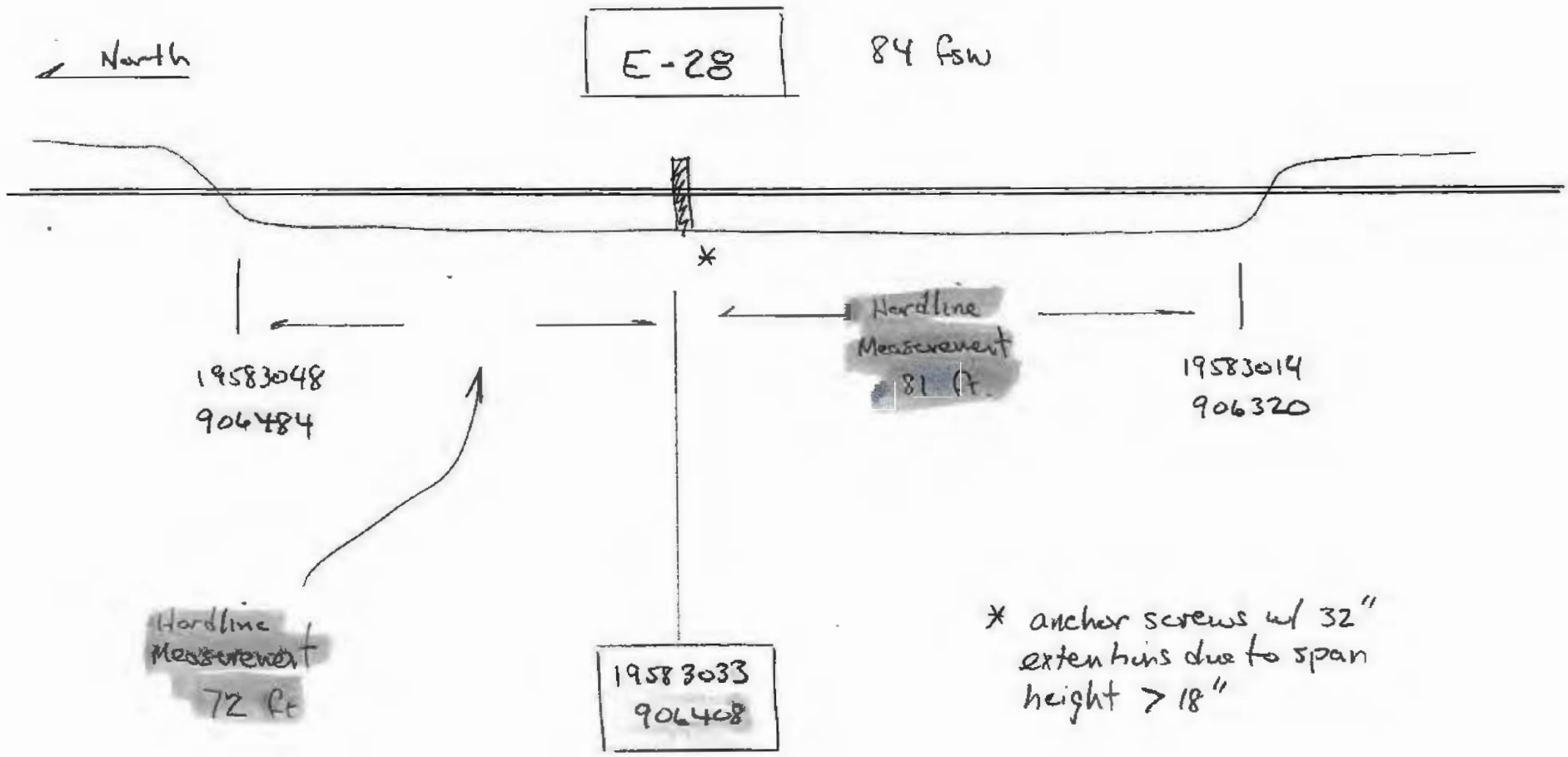


Dive # 18 6-12-05

ENBDNR0000626

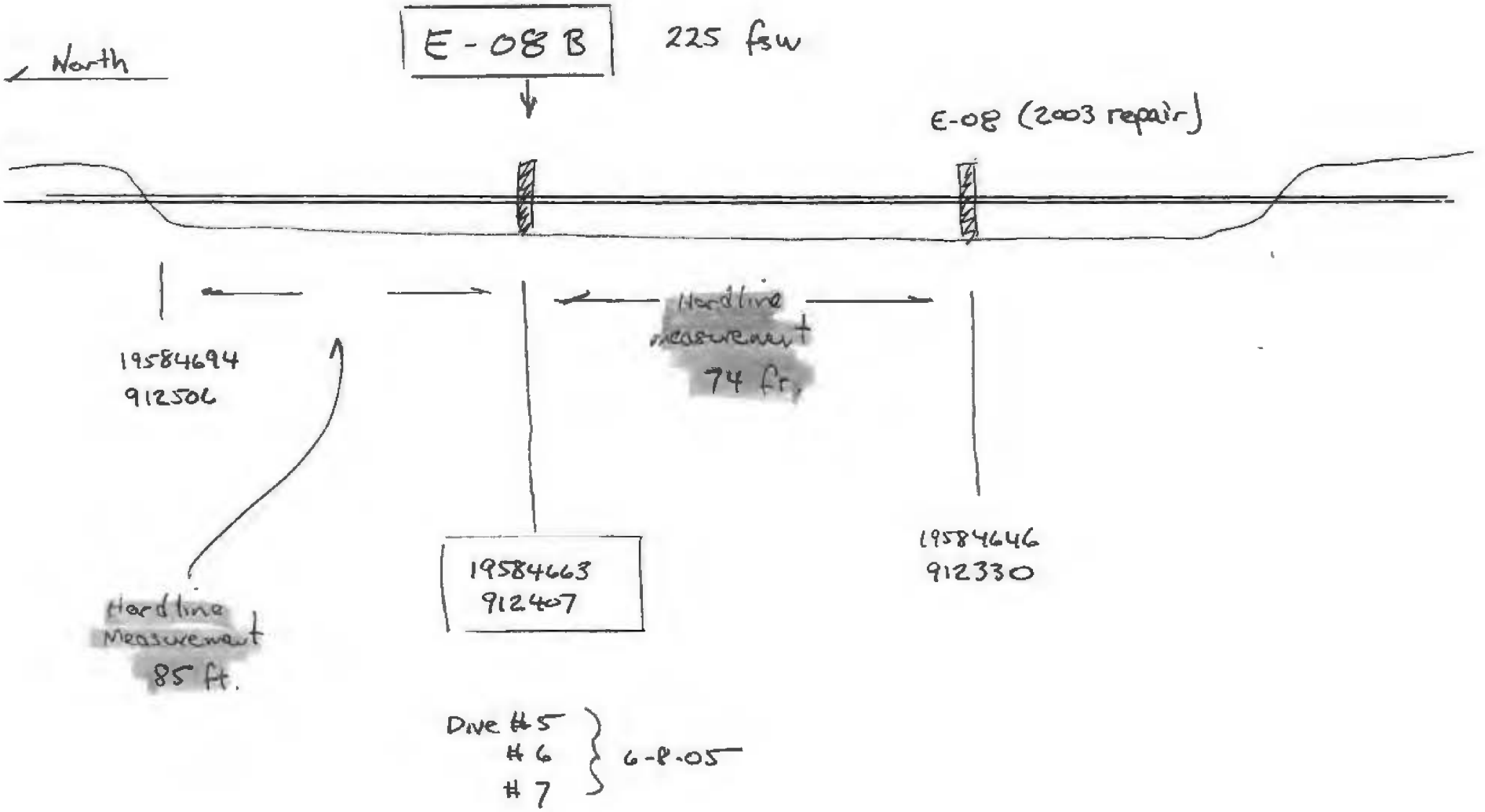


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Dive #9 6-9-05

ENBDNR0000628

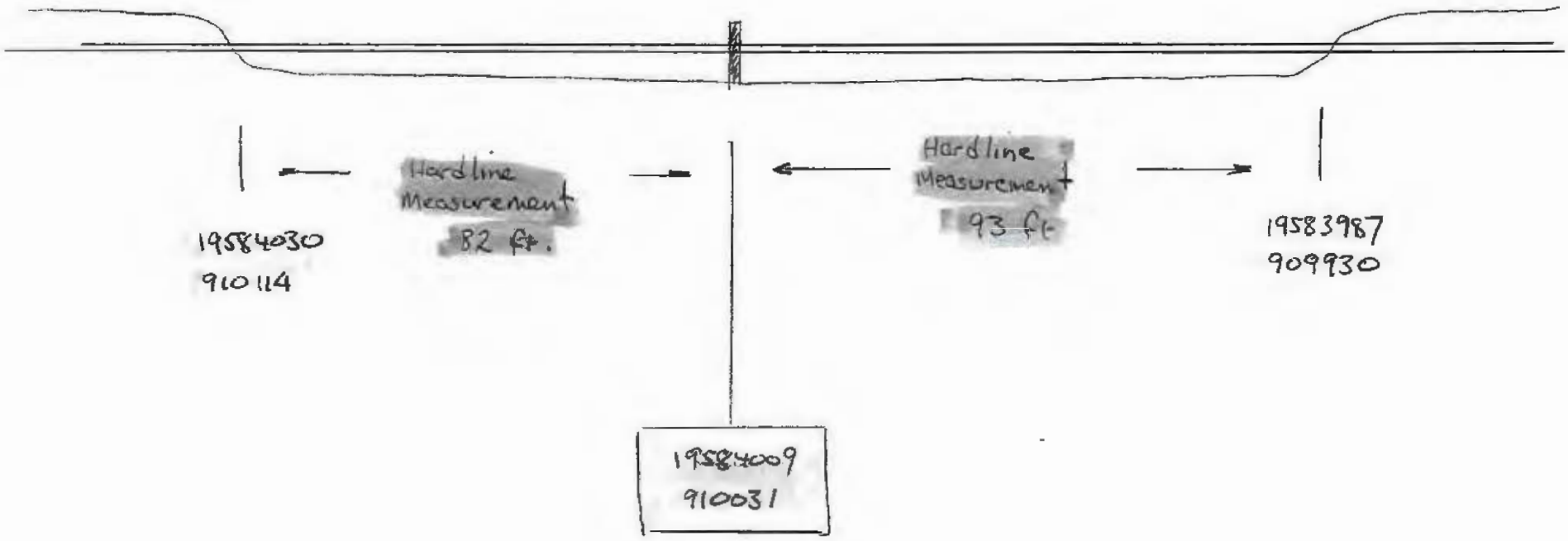


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North

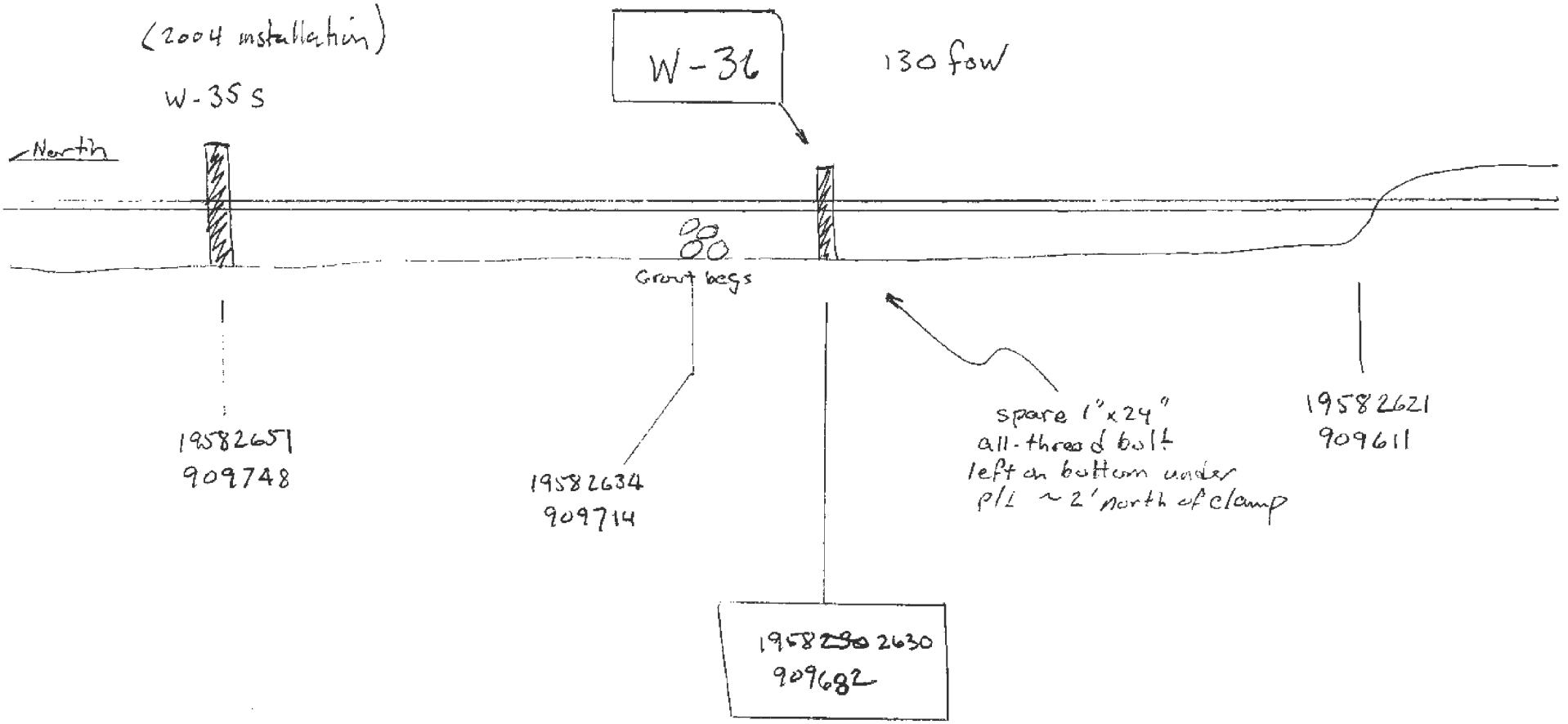
E-66

115 fsw



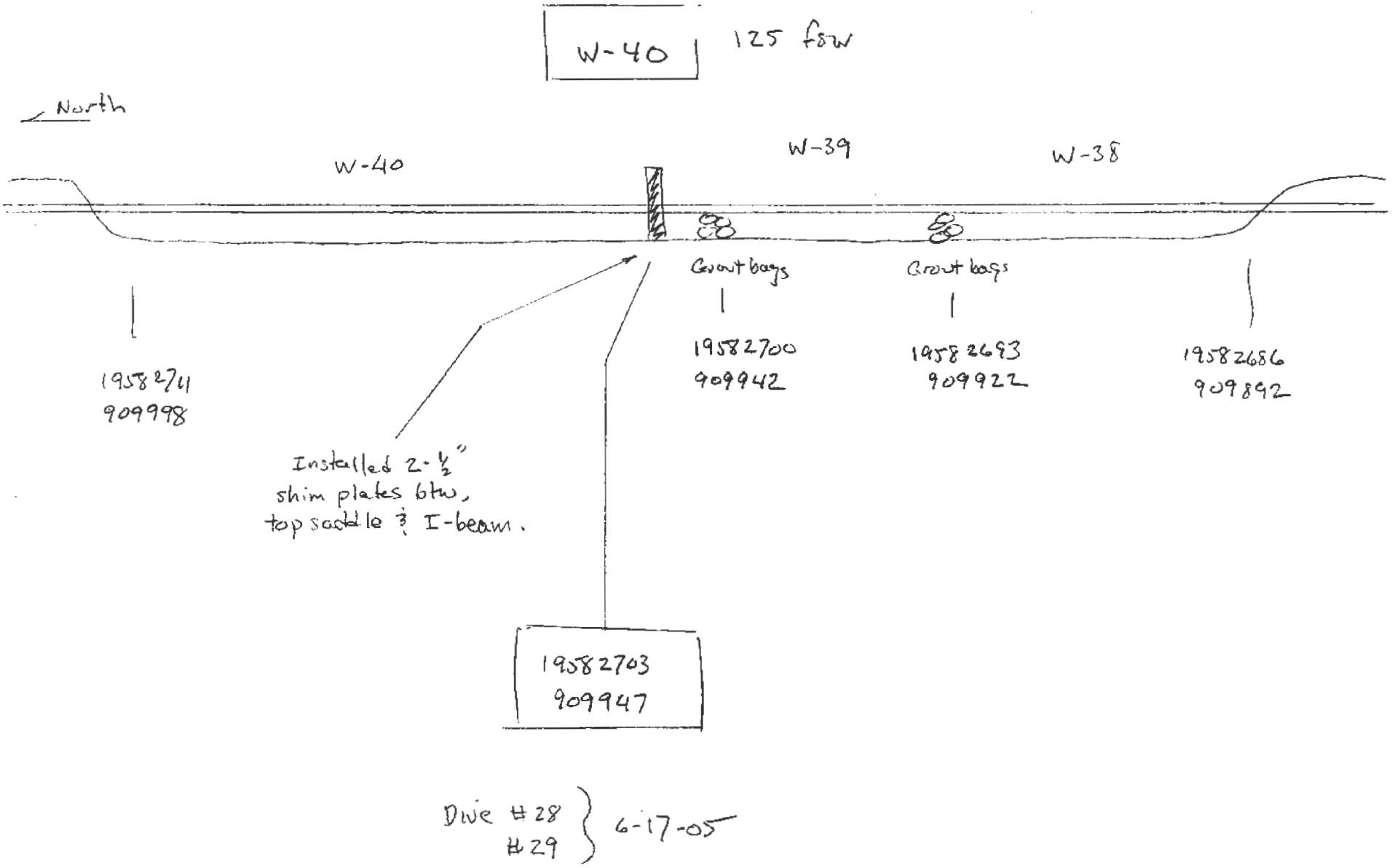
Dwe # 2 6-7-05
3 6-7-05

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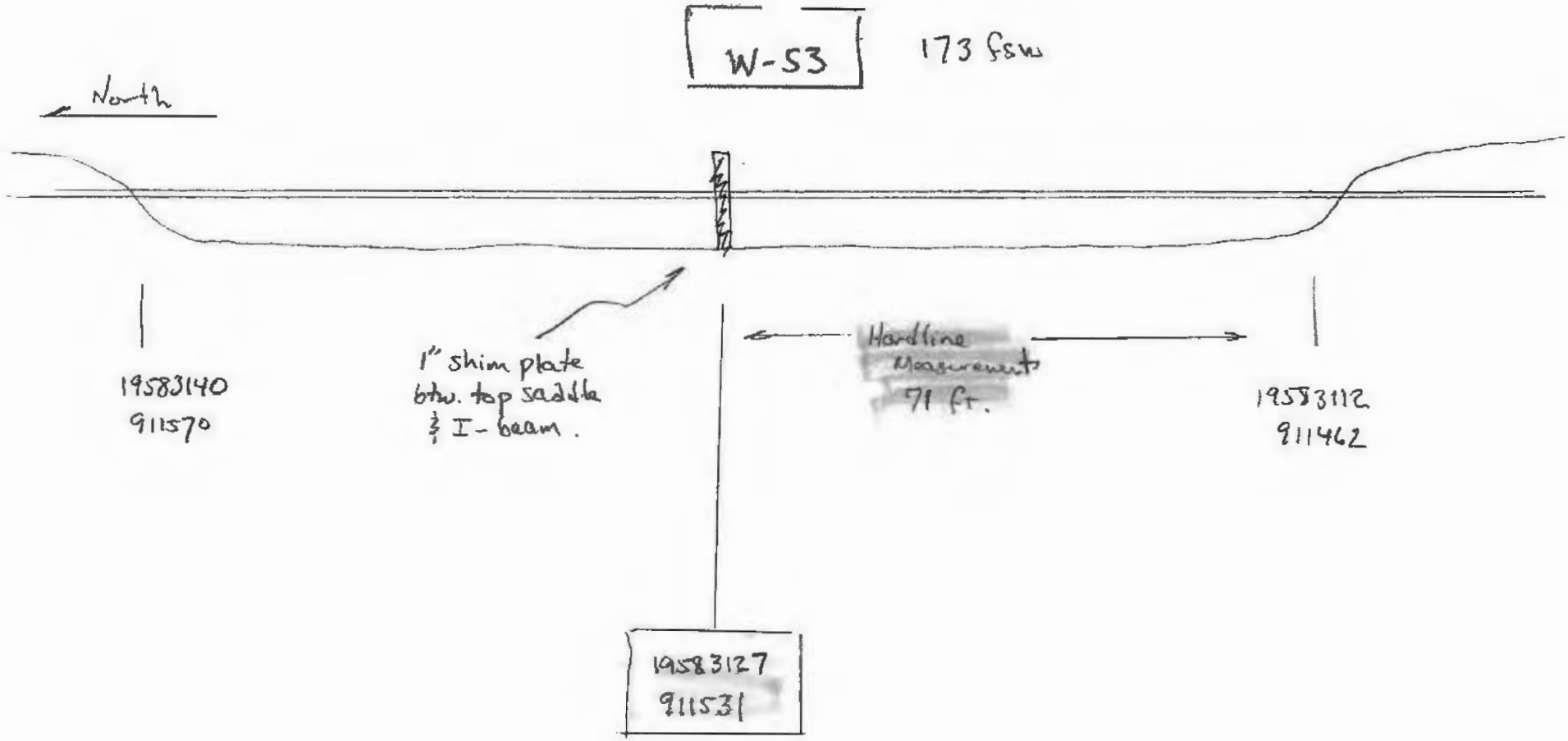


Dive #25 (About - hit rock?)
#26
#27
} 6-17-05

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ENBDNR0000632



Dive # 30 - abort due to hitting rock or hard bottom
31 } 6-18-05
32 }

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Date	Other Cams Listed (For ROV Survey)	VHS #, CD #, or Digitally Recorded File Name	Work Recorded	Pipeline	Spans/Repair Recorded	Anchorage or Repair Position
6/4/2005	Touchdown Cam MPEG2_6_4_2005_17_06_44	Main OSS_Port1_MPEG2_6_4_2005-13_15_16	ROV Survey	East	E55	E 10.25
6/4/2005	Touchdown Cam MPEG2_6_4_2005_17_15_26	Main OSS_Port1_MPEG2_6_4_2005-13_15_16	ROV Survey	East	E54	E 10.25
6/4/2005	Manipulator Cam MPEG2_6_4_2005_13_46_53 / MPEG2_6_4_2005_14_20_13	Main OSS_Port1_MPEG2_6_4_2005-13_15_16	ROV Survey	East	E55	E 10.25
6/4/2005	Manipulator Cam MPEG2_6_4_2005_14_45_02 / MPEG2_6_4_2005_15_19_24	Main OSS_Port1_MPEG2_6_4_2005-13_15_16	ROV Survey	East	E56	E 10.25
6/4/2005	Manipulator Cam MPEG2_6_4_2005_16_20_58	Main OSS_Port1_MPEG2_6_4_2005-13_15_16	ROV Survey	East	E57	E 10.25
6/5/2005	NONE LISTED	Main OSS_Port1_MPEG2_6_5_2005_09_10_17	ROV Survey	East	E19B	E12.75
6/5/2005	Manipulator Cam OSS_Port1_MPEG2_6_5_2005_12_32_57.mpg / OSS_Port1_MPEG2_6_5_2005_11_04_38.mpg	Main MPEG2_6_5_2005_12_28_03	ROV Survey	East	E30	E4
6/5/2005	Manipulator Cam OSS_Port1_MPEG2_6_5_2005_13_22_10.mpg / OSS_Port1_MPEG2_6_5_2005_13_19_23.mpg	Main MPEG2_6_5_2005_12_28_03.mpg / MPEG2_6_5_2005_13_5_14.mpg	ROV Survey	East	E29	E4
6/5/2005	Manipulator Cam OSS_Port1_MPEG2_6_5_2005_14_5_55.mpg / OSS_Port1_MPEG2_6_5_2005_14_24_55.mpg	Main MPEG2_6_5_2005_13_55_14.mpg	ROV Survey	East	E28	E4
6/5/2005	Manipulator Cam OSS_port1_MPEG2_6_5_2005_14_29_08.mpg / OSS_Port1_MPEG2_6_5_2005_15_4_44	Main MPEG2_6_5_2005_13_59_14.mpg	ROV Survey	East	E27	E4 0
6/5/2005	Manipulator Cam OSS_Port1_MPEG2_6_5_2005_15_50_53.mpg	Main MPEG2_6_5_2005_15_53_36.mpg	ROV Survey	East	E30	E4 75
6/5/2005	Manipulator Cam OSS_Port1_MPEG2_6_5_2005_17_12_16.mpg / OSS_Port1_MPEG2_6_5_2005_17_24_30.mpg	Main MPEG2_6_5_2005_17_09_42.mpg	ROV Survey	East	E35	E4 75
6/5/2005	Manipulator Cam OSS_Port1_MPEG2_6_5_2005_17_09_42.mpg / OSS_Port1_MPEG2_6_5_2005_18_01_46.mpg	Main MPEG2_6_5_2005_17_09_42.mpg	ROV Survey	East	E36	E4 75
6/5/2005	Manipulator Cam OSS_Port1_MPEG2_6_5_2005_18_15_58.mpg / OSS_Port1_6_5_2005_18_24_37.mpg	Main MPEG2_6_5_2005_17_09_42.mpg	ROV Survey	East	E37	E4 75
6/5/2005	Manipulator Cam OSS_Port1_MPEG2_6_5_2005_19_37_56.mpg / OSS_Port1_MPEG2_6_5_2005_19_51_40.mpg	Main MPEG2_6_5_2005_19_32_05.mpg	ROV Survey	East	E38	E4
6/7/2005	Manipulator Cam MPEG2_6_7_2005_09_26_49.mpg	Main OSS_PORT1_MPEG2_6_7_2005_09_26_49.mpg	ROV Survey	East	E15	E1 75
6/7/2005	Manipulator Cam MPEG2_6_7_2005_09_26_49.mpg	Main OSS_PORT1_MPEG2_6_7_2005_09_26_49.mpg	ROV Survey	East	E16	13.75
6/7/2005	Manipulator Cam MPEG2_6_7_2005_09_26_49.mpg	Main OSS_PORT1_MPEG2_6_7_2005_09_26_49.mpg	ROV Survey	East	E17	13.75
6/7/2005	Manipulator Cam MPEG2_6_7_2005_12_19_31.mpg	Main OSS_PORT1_MPEG2_6_7_2005_12_19_27.mpg	ROV Survey	East	E10	E14
6/7/2005	Manipulator Cam MPEG2_6_7_2005_12_19_31.mpg	Main OSS_PORT1_MPEG2_6_7_2005_12_19_27.mpg	ROV Survey	East	E11	E14

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6/7/2005	Manipulator Cam MPEG2_6_7_2005_12_19_31.mpg MPEG2_6_7_2005_13_29_06.mpg	Main OSS_PORT1_MPEG2_6_7_2005_13_16_27.mpg	ROV Survey	East	E09B	E14
6/7/2005A	Manipulator Cam MPEG2_6_7_2005_13_35_06.mpg	Main OSS_PORT1_MPEG2_6_7_2005_13_32_04.mpg	ROV Survey	East	E09A	E14
6/7/2005	Manipulator Cam MPEG2_6_7_2005_15_44_33.mpg	Main OSS_Port1_MPEG2_6_7_2005_15_44_30.mpg	ROV Survey	East	E12	E14 25
6/7/2005	Manipulator Cam MPEG2_6_7_2005_15_44_33.mpg	Main OSS_Port1_MPEG2_6_7_2005_15_44_30.mpg	ROV Survey	East	E11	E14 25
6/7/2005	Manipulator Cam MPEG2_6_7_2005_19_37_02.mpg	Main OSS_Port1_MPEG2_6_7_2005_19_36_59.mpg	ROV Survey	East	E07	E17 5
6/7/2005	Manipulator Cam MPEG2_6_7_2005_19_37_02.mpg	Main OSS_Port1_MPEG2_6_7_2005_19_36_59.mpg	ROV Survey	East	E06	E17 5
6/7/2005		ENB_PORT0_MPEG2_6_7_2005_12_23_43	Diver - H.M. & A.V.	East	E66	E 19584009, N 910031
6/7/2005		ENB_PORT0_MPEG2_6_7_2005_12_23_43	Diver - H.M.	East	E66	E 19584009, N 910031
6/7/2005		ENB_PORT0_MPEG2_6_7_2005_13_54_11	Diver - A.V.	East	E66	E 19584009, N 910031
6/7-8/2005		ENB_PORT0_MPEG2_6_7_2005_18_08_43	Diver - E.C.& D.T.	East	E54 & E08b	E ########, N ######## E 19584663, N 912407
6/7/2005		ENB_PORT0_MPEG2_6_7_2005_18_08_43	Diver - E.C.	East	E54	E 19584105, N 910333
6/7/2005		ENB_PORT1_MPEG2_6_7_2005_11_25_25	ROV Dive Ops	East	E66	E 19584009, N 910031
6/7/2005		ENB_PORT1_MPEG2_6_7_2005_16_59_13	ROV Dive Ops	East	E54 (not completed)	E 19584105, N 910333
6/8/2005	Manipulator Cam MPEG2_6_8_2005_9_16_37.mpg	Main OSS_Port1_MPEG2_6_8_2005_9_16_33.mpg	ROV Survey	East	E23A	E2 75
6/8/2005	Manipulator Cam MPEG2_6_8_2005_9_16_37.mpg	Main OSS_Port1_MPEG2_6_8_2005_9_16_33.mpg	ROV Survey	East	E24	E2 75
6/8/2005	Manipulator Cam MPEG2_6_8_2005_9_16_37.mpg	Main OSS_Port1_MPEG2_6_8_2005_9_16_33.mpg	ROV Survey	East	E25	E2 75
6/8/2005	Manipulator Cam MPEG2_6_8_2005_9_16_37.mpg	Main OSS_Port1_MPEG2_6_8_2005_9_16_33.mpg	ROV Survey	East	E26	E2 75
6/8/2005	Manipulator Cam MPEG2_6_8_2005_11_46_56.mpg	Main OSS_Port1_MPEG2_6_8_2005_11_46_49.mpg	ROV Survey	East	E77	E1 75
6/8/2005	Manipulator Cam MPEG2_6_8_2005_11_46_56.mpg	Main OSS_Port1_MPEG2_6_8_2005_11_46_49.mpg	ROV Survey	East	E71	E1 75
6/8/2005	Manipulator Cam MPEG2_6_8_2005_14_12_12.mpg	Main OSS_Port1_MPEG2_6_8_2005_14_12_06.mpg	ROV Survey	East	E42	E8 00
6/8/2005	Manipulator Cam MPEG2_6_8_2005_14_12_12.mpg	Main OSS_Port1_MPEG2_6_8_2005_14_12_06.mpg	ROV Survey	East	E43	E8 00
6/8/2005	Manipulator Cam MPEG2_6_8_2005_14_12_12.mpg	Main OSS_Port1_MPEG2_6_8_2005_14_12_06.mpg	ROV Survey	East	E44	E8 00
6/8/2005	Manipulator Cam MPEG2_6_8_2005_14_12_12.mpg	Main OSS_Port1_MPEG2_6_8_2005_14_12_09.mpg	ROV Survey	East	E45	E7 50
6/8/2005	Manipulator Cam MPEG2_6_8_2005_14_12_12.mpg	Main OSS_Port1_MPEG2_6_8_2005_14_12_09.mpg	ROV Survey	East	E46	E7 50
6/8/2005		ENB_PORT0_MPEG2_6_8_2005_13_17_59	Diver - H.M. & A.V.	East	E08b & E28	E 19584663, N 912407 E 19583033, N 906408
6/8/2005		ENB_PORT0_MPEG2_6_8_2005_10_40_47	Diver - D.T.	East	E08b	E 19584663, N 912407
6/8/2005		ENB_PORT0_MPEG2_6_8_2005_13_17_59	Diver - H.M.	East	E08b	E 19584663, N 912407
6/8/2005		ENB_PORT0_MPEG2_6_8_2005_15_34_09	Diver - A.V.	East	E08b	E 19584663, N 912407
6/8/2005		ENB_PORT1_MPEG2_6_8_2005_09_09_24	ROV Dive Ops	East	E08b	E 19584663, N 912407
6/8/2005		ENB_PORT1_MPEG2_6_8_2005_09_09_24	ROV Dive Ops	East	E28	E 19583033, N 906408
6/8/2005	Manipulator Cam MPEG2_6_8_2005_8_12_46.mpg	Main OSS_Port1_MPEG2_6_8_2005_8_12_45.mpg	ROV Survey	East	E22	E1 75

6/9/2005	Manipulator Cam MPEG2_6_9_2005_8_17_48.mpg	Main OSS_Port1_MPEG2_6_9_2005_8_12_45.mpg	ROV Survey	East	E64	E12.75
6/9/2005	Manipulator Cam MPEG2_6_9_2005_8_12_48.mpg	Main OSS_Port1_MPEG2_6_9_2005_8_12_45.mpg	ROV Survey	East	E63	E12.75
6/9/2005	Manipulator Cam MPEG2_6_9_2005_8_12_48.mpg	Main OSS_Port1_MPEG2_6_9_2005_8_12_45.mpg	ROV Survey	East	E62	E12.75
6/9/2005	Manipulator Cam MPEG2_6_9_2005_12_04_51.mpg	Main OSS_Port1_MPEG2_6_9_2005_12_04_48.mpg	ROV Survey	East	E61C	E12.25
6/9/2005	Manipulator Cam MPEG2_6_9_2005_8_12_48.mpg	Main OSS_Port1_MPEG2_6_9_2005_8_12_45.mpg	ROV Survey	East	E61B	E12.25
6/9/2005	Manipulator Cam MPEG2_6_9_2005_8_12_48.mpg	Main OSS_Port1_MPEG2_6_9_2005_8_12_45.mpg	ROV Survey	East	E61A	E12.25
6/9/2005	Manipulator Cam MPEG2_6_9_2005_14_05_10.mpg	Main OSS_Port1_MPEG2_6_9_2005_14_05_13.mpg	ROV Survey	East	E48	E9.00
6/9/2005	Manipulator Cam MPEG2_6_9_2005_14_05_15.mpg	Main OSS_Port1_MPEG2_6_9_2005_14_05_13.mpg	ROV Survey	East	E47	E9.00
6/9/2005	Manipulator Cam MPEG2_6_9_2005_16_37_03.mpg	Main OSS_Port1_MPEG2_6_9_2005_16_37_00.mpg	ROV Survey	East	E05B	E16.25
6/9/2005	Manipulator Cam MPEG2_6_9_2005_16_37_03.mpg	Main OSS_Port1_MPEG2_6_9_2005_16_37_00.mpg	ROV Survey	East	E05A	E16.25
6/9/2005	Manipulator Cam MPEG2_6_9_2005_16_37_03.mpg	Main OSS_Port1_MPEG2_6_9_2005_16_37_00.mpg	ROV Survey	East	E04	E16.25
6/9/2005		ENB_PORT0_MPEG2_6_9_2005_11_01_12	Diver - E.C	East	E28	E 19583033, N 906408
6/9/2005		ENB_PORT0_MPEG2_6_9_2005_14_37_24	Diver - G.W.	East	E54	E 19584105, N 910333
6/9/2005		ENB_PORT1_MPEG2_6_9_2005_10_00_25	ROV Dive Ops	East	E28	E 19583033 N 906408
6/9/2005		ENB_PORT1_MPEG2_6_9_2005_13_58_25	ROV Dive Ops	East	E54	E 19584105 N 910333
6/10/2005	Manipulator Cam MPEG2_6_10_2005_09_21_46.mpg MPEG2_6_10_2005_09_36_40.mpg	Main OSS_Port1_MPEG2_6_10_2005_09_21_46.mpg OSS_Port1_MPEG2_6_10_2005_09_36_37.mpg	ROV Survey	East	E76	E15.00
6/10/2005	Manipulator Cam MPEG2_6_10_2005_09_36_40.mpg	Main OSS_Port1_MPEG2_6_10_2005_09_36_37.mpg	ROV Survey	East	E03	E15.00
6/10/2005	Manipulator Cam MPEG2_6_10_2005_09_36_40.mpg	Main OSS_Port1_MPEG2_6_10_2005_09_36_37.mpg	ROV Survey	East	E13C	E15.00
6/10/2005	Manipulator Cam MPEG2_6_10_2005_09_36_40.mpg	Main OSS_Port1_MPEG2_6_10_2005_09_36_37.mpg	ROV Survey	East	E13B	E15.00
6/10/2005	Manipulator Cam MPEG2_6_10_2005_09_36_40.mpg	Main OSS_Port1_MPEG2_6_10_2005_09_36_37.mpg	ROV Survey	East	E13A	E15.00
6/10/2005	Manipulator Cam MPEG2_6_10_2005_12_19_49.mpg	Main OSS_Port1_MPEG2_6_10_2005_12_19_46.mpg	ROV Survey	East	E001B_B	E15.75
6/10/2005	Manipulator Cam MPEG2_6_10_2005_12_16_40.mpg	Main OSS_Port1_MPEG2_6_10_2005_12_19_46.mpg	ROV Survey	East	E01B_A	E15.75
6/10/2005	Manipulator Cam MPEG2_6_10_2005_12_19_49.mpg	Main OSS_Port1_MPEG2_6_10_2005_12_19_46.mpg	ROV Survey	East	E01A	E15.75
6/10/2005	Manipulator Cam MPEG2_6_10_2005_12_13_49.mpg	Main OSS_Port1_MPEG2_6_10_2005_12_19_46.mpg	ROV Survey	East	E00	E15.75
6/10/2005	Manipulator Cam MPEG2_6_10_2005_15_14_01.mpg	Main OSS_Port11_MPEG2_6_10_2005_15_13_58.mpg	ROV Survey	East	E69	E11.00
6/10/2005	Manipulator Cam MPEG2_6_10_2005_15_14_01.mpg	Main OSS_Port11_MPEG2_6_10_2005_15_13_58.mpg	ROV Survey	East	E68/E68	E11.00
6/10/2005	Manipulator Cam MPEG2_6_10_2005_15_14_01.mpg	Main OSS_Port11_MPEG2_6_10_2005_15_13_58.mpg	ROV Survey	East	E70	E11.00

ENBDNR0000636

6/10/2005	Manipulator Cam OSS_Port1_MPEG2_6_10_2005_17_04_24.mpg	Main MPEG2_6_10_2005_17_04_21.mpg	ROV Survey	East	E40	E7.00
6/10/2005	Manipulator Cam OSS_Port1_MPEG2_6_10_2005_16_16_03.mpg	Main MPEG2_6_10_2005_16_16_00.mpg	ROV Survey	East	E41	E8.50
6/10/2005		ENB_PORT0_MPEG2_6_10_2005_10_11_48	Diver - D.T.	East	E15 Attempt	E 19584628, N 912290
6/10/2005		ENB_PORT0_MPEG2_6_10_2005_12_21_06	Diver - H.M.	East	E15 Attempt	E 19584637, N 912280
6/10/2005		ENB_PORT1_MPEG2_6_10_2005_08_42_38	ROV Dive Ops	East	E15 Attempt	E 19584628 N 912290
6/10/2005		ENB_PORT1_MPEG2_6_10_2005_15_25_31	ROV Dive Ops	East	E15 Attempt	E 19584628 N 912290 E 19584637 N 912280
6/11/2005	Manipulator Cam OSS_Port1_MPEG2_6_11_2005_09_29_34.mpg	Main MPEG2_6_11_2005_09_29_32.mpg	ROV Survey	East	E65B	E18.00
6/11/2005	Manipulator Cam OSS_Port1_MPEG2_6_11_2005_09_28_34.mpg	Main MPEG2_6_11_2005_09_28_32.mpg	ROV Survey	East	E65A	E18.00
6/11/2005	Manipulator Cam OSS_Port1_MPEG2_6_11_2005_12_37_03.mpg	Main MPEG2_6_11_2005_12_36_57.mpg	ROV Survey	East	E39	E6.00
6/11/2005	Manipulator Cam OSS_Port1_MPEG2_6_11_2005_12_37_03.mpg	Main MPEG2_6_11_2005_12_36_57.mpg	ROV Survey	East	E31	E6.00
6/11/2005	Manipulator Cam OSS_Port1_MPEG2_6_11_2005_12_37_03.mpg	Main MPEG2_6_11_2005_12_36_57.mpg	ROV Survey	East	E32A	E6.00
6/11/2005	Manipulator Cam OSS_Port1_MPEG2_6_11_2005_12_37_03.mpg	Main MPEG2_6_11_2005_12_36_57.mpg	ROV Survey	East	E32A	E6.00
6/11/2005		ENB_Port0_MPEG2_6_11_2005_09_55_16	Diver - E.C.	East	E15	E 19584645, N 912235
6/11/2005		ENB_Port0_MPEG2_6_11_2005_11_40_13	Diver - D.T.	East	E15	E 19584645, N 912235
6/11/2005		ENB_Port1_MPEG2_6_11_2005_08_56_50	ROV Dive Ops	East	E15	E 19584645 N 912235
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_09_16_29.mpg	Main MPEG2_6_12_2005_09_16_45.mpg	ROV Survey		E31	E5.75
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_09_39_54.mpg	Main MPEG2_6_12_2005_09_39_51.mpg	ROV Survey		E34B	E5.75
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_09_39_54.mpg	Main MPEG2_6_12_2005_09_39_51.mpg	ROV Survey		E34A	E5.75
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_11_22_38.mpg	Main MPEG2_6_12_2005_11_22_21.mpg	ROV Survey		E18A	E13.5
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_12_03_41.mpg	Main MPEG2_6_12_2005_12_03_38.mpg	ROV Survey		E19B	E13.5
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_12_03_41.mpg	Main MPEG2_6_12_2005_12_03_38.mpg	ROV Survey		E19B	E1.25
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_12_03_41.mpg	Main MPEG2_6_12_2005_12_03_38.mpg	ROV Survey		E19A	E1.25
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_12_03_41.mpg	Main MPEG2_6_12_2005_12_03_38.mpg	ROV Survey		E21	E1.25
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_15_25_35.mpg	Main MPEG2_6_12_2005_15_24_59.mpg	ROV Survey		E74B	E1.25
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_15_25_05.mpg	Main MPEG2_6_12_2005_15_24_59.mpg	ROV Survey		E74A	E1.25
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_15_25_05.mpg	Main MPEG2_6_12_2005_15_24_59.mpg	ROV Survey		E75	E1.25
6/12/2005	Manipulator Cam OSS_Port1_MPEG2_6_12_2005_17_12_35.mpg	Main MPEG2_6_12_2005_17_12_54.mpg	ROV Survey		NONE	E1.25
6/12/2005		ENB_Port0_MPEG2_6_12_2005-9_54_25	Diver - H.M.	East	E53	E 19584121, N910415
6/12/2005		ENB_Port0_MPEG2_6_12_2005-11_21_00	Diver - A.V.	East	E53	E 19584121, N910415
6/12/2005		ENB_Port0_MPEG2_6_12_2005-14_21_27	Diver - E.C.	East	E65A	E 19585422, N 915159
6/12/2005		ENB_Port1_MPEG2_6_12_2005_09_03_04	ROV Dive Ops	East	E53	E 19584121 N 910415

6/12/2005		ENB_Port1_MPEG2_6_12_2005_13_48_37	ROV Dive Ops	East	E65A	E 19585422 N 915159
6/13/2005	Manipulator Cam MPEG2_6_13_2005_08_25_34.mpg	Main OSS_Port1_MPEG2_6_13_2005_08_25_49.mpg	ROV Survey	East	E49A	E1 00
6/13/2005	Manipulator Cam MPEG2_6_13_2005_08_25_34.mpg	Main OSS_Port1_MPEG2_6_13_2005_08_25_49.mpg	ROV Survey	East	E49B	E11
6/13/2005	Manipulator Cam MPEG2_6_13_2005_08_25_34.mpg	Main OSS_Port1_MPEG2_6_13_2005_08_25_49.mpg	ROV Survey	East	E49C	E1 00
6/13/2005	Manipulator Cam OSS_Port1_MPEG2_6_13_2005_10_30_59.mpg	Main MPEG2_6_13_2005_10_30_52.mpg	ROV Survey	East	E58	E11 00
6/13/2005	Manipulator Cam OSS_Port1_MPEG2_6_13_2005_11_43_31.mpg	Main MPEG2_6_13_2005_11_43_27.mpg	ROV Survey	East	E68	E17 00
6/13/2005	Manipulator Cam OSS_Port1_MPEG2_6_13_2005_12_58_32.mpg	Main MPEG2_6_13_2005_12_58_06.mpg	ROV Survey	East	NONE	E18 75
6/13/2005	Manipulator Cam OSS_Port1_MPEG2_6_13_2005_16_46_39.mpg	Main MPEG2_6_13_2005_16_46_35.mpg	ROV Survey	East	NONE	E15 50
6/13/2005	Manipulator Cam OSS_Port1_6_13_2005_15_23_43.mpg	Main OSS_Port1_MPEG2_6_13_2005_15_23_37.mpg	ROV Survey	West	W88	W16 25
6/13/2005	Manipulator Cam OSS_Port1_MPEG2_6_13_2005_18_00_26.mpg	Main MPEG2_6_13_2005_18_00_22.mpg	ROV Survey	West	W67	W18 55
6/13/2005		ENB_Port0_MPEG2_6_13_2005_10_14_25	Diver - D.T	East	E48	E 19583850, N 909445
6/13/2005		ENB_Port0_MPEG2_6_13_2005_13_58_37	Diver - H.M.	East	E71	E 19582727, N 905290
6/13/2005		ENB_Port0_MPEG2_6_13_2005_15_49_46	Diver - G.W.	East	E71	E 19582727, N 905290
6/13/2005		ENB_Port1_MPEG2_6_13_2005_09_33_49	ROV Dive Ops	East	E48	E 19583850 N 909445
6/13/2005		ENB_Port1_MPEG2_6_13_2005_12_46_18	ROV Dive Ops	East	E71	E 19582727 N 905290
6/14/2005	Manipulator Cam OSS_Port1_MPEG2_6_14_2005_08_07_44.mpg	Main MPEG2_6_14_2005_08_07_18.mpg	ROV Survey	West	W92	W7 5
6/14/2005	Manipulator Cam OSS_Port1_MPEG2_6_14_2005_10_07_33.mpg	Main MPEG2_6_14_2005_10_07_29.mpg	ROV Survey	West	W81	W7 00
6/14/2005	Manipulator Cam OSS_Port1_6_14_2005_11_54_29.mpg	Main MPEG2_6_14_2005_11_54_24.mpg	ROV Survey	West	W01E	E1 25
6/14/2005	Manipulator Cam OSS_Port1_6_14_2005_11_54_29.mpg	Main MPEG2_6_14_2005_11_54_24.mpg	ROV Survey	West	W01A	E1 25
6/14/2005	Manipulator Cam OSS_Port1_MPEG2_6_14_2005_14_23_35.mpg	Main MPEG2_6_14_2005_14_23_30.mpg	ROV Survey	East	E23B	E1 00

6/14/2005	Manipulator Cam OSS_Port1_MPEG2_6_14_2005_14_23_30.mpg	Main MPEG2_6_14_2005_14_23_30.mpg	ROV Survey	East	E23A	E3.00
6/14/2005	Manipulator Cam OSS_Port1_MPEG2_6_14_2005_16_52_19.mpg	Main MPEG2_6_14_2005_16_52_19.mpg	ROV Survey	East	E17	E13.75
6/14/2005	Manipulator Cam OSS_Port1_MPEG2_6_14_2005_16_52_19.mpg	Main MPEG2_6_14_2005_16_52_19.mpg	ROV Survey	East	E18A	E13.75
6/14/2005	Manipulator Cam OSS_Port1_MPEG2_6_14_2005_16_52_19.mpg	Main MPEG2_6_14_2005_16_52_19.mpg	ROV Survey	East	E18B	E13.75
6/14/2005		ENB_Port0_MPEG2_6_14_2005_11_09_26	Diver - A.V.	East	E76	E 19584907, N 913313
6/14/2005		ENB_Port0_MPEG2_6_14_2005_13_15_56	Diver - E.C.	East	E76	E 19584907, N 913313
6/14/2005		ENB_Port0_MPEG2_6_14_2005_15_54_34	Diver - G.W.	East	E76	E 19584907, N 913313
6/14/2005		ENB_Port1_MPEG2_6_14_2005_09_05_46	ROV Dive Ops	East	E76	E 19584907, N 913313
6/15/2005	Manipulator Cam OSS_Port1_MPEG2_6_15_2005_10_33_51.mpg	Main MPEG2_6_15_2005_10_33_51.mpg	ROV Survey	West	W58	W18.6
6/15/2005	Manipulator Cam OSS_Port1_MPEG2_6_15_2005_10_33_51.mpg	Main MPEG2_6_15_2005_10_33_51.mpg	ROV Survey	West	W62	W18.6
6/15/2005	Manipulator Cam OSS_Port1_MPEG2_6_15_2005_10_33_51.mpg	Main MPEG2_6_15_2005_10_33_51.mpg	ROV Survey	West	W59B	W18.25
6/15/2005	Manipulator Cam OSS_Port1_MPEG2_6_15_2005_10_33_51.mpg	Main MPEG2_6_15_2005_10_33_51.mpg	ROV Survey	West	W59A	W18.25
6/15/2005		ENB_Port1_MPEG2_6_15_2005_09_25_05	ROV Dive Ops	West	W36 (Attempt - Weather)	Weather
6/16/2005	Manipulator Cam OSS_Port1_MPEG2_6_16_2005_08_42_33.mpg	Main MPEG2_6_16_2005_08_42_33.mpg	ROV Survey	West	W12	W4.6
6/16/2005	Manipulator Cam OSS_Port1_MPEG2_6_16_2005_08_42_33.mpg	Main MPEG2_6_16_2005_08_42_33.mpg	ROV Survey	West	W10	W4.6
6/17/2005	Manipulator Cam OSS_port1_MPEG2_6_17_2005_09_31_42.mpg	Main MPEG2_6_17_2005_09_31_18.mpg	ROV Survey	West	W16	W5.25
6/17/2005	Manipulator Cam OSS_port1_MPEG2_6_17_2005_09_31_42.mpg	Main MPEG2_6_17_2005_09_31_46.mpg	ROV Survey	West	W14	W5.25
6/17/2005	Manipulator Cam OSS_port1_MPEG2_6_17_2005_09_31_42.mpg	Main MPEG2_6_17_2005_09_31_38.mpg	ROV Survey	West	W13	W5.25
6/17/2005	Manipulator Cam OSS_Port1_MPEG2_6_17_2005_12_32_54.mpg	Main MPEG2_6_17_2005_12_32_49.mpg	ROV Survey	West	W58B	W18.00
6/17/2005	Manipulator Cam OSS_Port1_MPEG2_6_17_2005_12_32_54.mpg	Main MPEG2_6_17_2005_12_32_49.mpg	ROV Survey	West	W59A	W18.00
6/17/2005	Manipulator Cam OSS_Port1_MPEG2_6_17_2005_12_32_54.mpg	Main MPEG2_6_17_2005_12_32_49.mpg	ROV Survey	West	W59B	W18.25
6/17/2005	Manipulator Cam OSS_Port1_MPEG2_6_17_2005_12_32_54.mpg	Main MPEG2_6_17_2005_12_32_49.mpg	ROV Survey	West	W59A	W18.75
6/17/2005	Manipulator Cam OSS_Port1_MPEG2_6_17_2005_15_05_46.mpg	Main MPEG2_6_17_2005_15_05_46.mpg	ROV Survey	West	W76	W12.75
6/17/2005	Manipulator Cam OSS_Port1_MPEG2_6_17_2005_15_05_46.mpg	Main MPEG2_6_17_2005_15_05_46.mpg	ROV Survey	West	W53	W12.75
6/17/2005	Manipulator Cam OSS_Port1_MPEG2_6_17_2005_15_05_46.mpg	Main MPEG2_6_17_2005_15_05_46.mpg	ROV Survey	West	W52	W12.75
6/17/2005	Manipulator Cam OSS_Port1_MPEG2_6_17_2005_15_05_46.mpg	Main MPEG2_6_17_2005_15_05_46.mpg	ROV Survey	West	W48B	W12.50

6/17/2005	Manipulator Cam OSS_Port1_MPEG2_6_17_2005_15_05_46.mpg	Main MPEG2_6_17_2005_15_05_46.mpg	ROV Survey	West	W48A	E 50
6/17/2005	Manipulator Cam OSS_Port1_MPEG2_6_17_2005_15_05_46.mpg	Main MPEG2_6_17_2005_15_05_46.mpg	ROV Survey	West	W48	W12 50
6/17/2005		ENB_Port0_MPEG2_6_17_2005_09_36_57	Diver - D.T.	West	W36	E 19582630, N 909682
6/17/2005		ENB_Port0_MPEG2_6_17_2005_10_24_52	Diver - H.M	West	W36	E 19582630, N 909682
6/17/2005		ENB_Port0_MPEG2_6_17_2005_11_39_15	Diver - A.V.	West	W36	E 19582630, N 909682
6/17/2005		ENB_Port0_MPEG2_6_17_2005_14_25_07	Diver - E.C.	West	W40	E 19582703, N 909947
6/17/2005		ENB_Port0_MPEG2_6_17_2005_15_37_41	Diver - M.D.	West	W40	E 19582703, N 909947
6/17/2005		ENB_Port1_MPEG2_6_17_2005_09_20_01	ROV Dive Ops	West	W36	E 19582630 N 909682
6/17/2005		ENB_Port1_MPEG2_6_17_2005_09_20_01	ROV Dive Ops	West	W40	E 19582703, N 909947
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_08_56_10.mpg	Main MPEG2_6_18_2005_08_56_10.mpg	ROV Survey	West	W57	W14 75
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_08_56_10.mpg	Main MPEG2_6_18_2005_08_56_10.mpg	ROV Survey	West	W54	W14 75
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_08_56_10.mpg	Main MPEG2_6_18_2005_08_56_10.mpg	ROV Survey	West	W55	W14 75
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_08_56_10.mpg	Main MPEG2_6_18_2005_08_56_10.mpg	ROV Survey	West	W56	W14.5
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_08_56_10.mpg	Main MPEG2_6_18_2005_08_56_10.mpg	ROV Survey	West	W75	W14.5
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_11_45_36.mpg	Main MPEG2_6_18_2005_11_45_36.mpg	ROV Survey	West	W60B	W15 50
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_11_45_36.mpg	Main MPEG2_6_18_2005_11_45_36.mpg	ROV Survey	West	W60A	W15 50
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_13_14_50.mpg	Main MPEG2_6_18_2005_13_14_46.mpg	ROV Survey	West	W40	W9 75
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_13_14_50.mpg	Main MPEG2_6_18_2005_13_14_46.mpg	ROV Survey	West	W39	W9 75
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_13_14_50.mpg	Main MPEG2_6_18_2005_13_14_46.mpg	ROV Survey	West	W38	W9 75
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_13_14_50.mpg	Main MPEG2_6_18_2005_13_14_46.mpg	ROV Survey	West	W35B	W9 75
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_13_14_50.mpg	Main MPEG2_6_18_2005_13_14_46.mpg	ROV Survey	West	W35A	W9 75
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_13_14_50.mpg	Main MPEG2_6_18_2005_13_14_46.mpg	ROV Survey	West	W36	W9 75
6/18/2005	Manipulator Cam OSS_Port1_6_18_2005_13_14_50.mpg	Main MPEG2_6_18_2005_13_14_46.mpg	ROV Survey	West	W37	W9 75
6/18/2005	Manipulator Cam OSS_Port1_MPEG2_6_18_2005_15_59_29.mpg	Main MPEG2_6_18_2005_15_59_29.mpg	ROV Survey	West	W34	W9 25
6/18/2005	Manipulator Cam OSS_Port1_MPEG2_6_18_2005_15_59_29.mpg	Main MPEG2_6_18_2005_15_59_29.mpg	ROV Survey	West	W31B	W9 25
6/18/2005	Manipulator Cam OSS_Port1_MPEG2_6_18_2005_15_59_29.mpg	Main MPEG2_6_18_2005_15_59_29.mpg	ROV Survey	West	W31A	W9 25
6/18/2005		ENB_Port0_MPEG2_6_18_2005_10_04_49	Diver - D.T.	West	W53	E 19583127, N 911531
6/18/2005		ENB_Port0_MPEG2_6_18_2005_12_11_20	Diver - H.M.	West	W53	E 19583127, N 911531
6/18/2005		ENB_Port0_MPEG2_6_18_2005_14_38_27	Diver - A.V.	West	W53	E 19583127, N 911531
6/18/2005		ENB_Port1_MPEG2_6_18_2005_09_03_17	ROV Dive Ops	West	W53	E 19583127 N 911531

6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_07_52_12.mpg	Main MPEG2_6_19_2005_07_52_07.mpg	ROV Survey	West	W51	W12.25
6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_07_52_12.mpg	Main MPEG2_6_19_2005_07_52_07.mpg	ROV Survey	West	W51	W12.25
6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_10_27_04.mpg	Main MPEG2_6_19_2005_10_27_00.mpg	ROV Survey	West	W47	W11.50
6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_10_27_04.mpg	Main MPEG2_6_19_2005_10_27_00.mpg	ROV Survey	West	W46	W11.50
6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_10_27_04.mpg	Main MPEG2_6_19_2005_10_27_00.mpg	ROV Survey	West	W45	W11.50
6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_12_26_15.mpg	Main MPEG2_6_19_2005_12_26_10.mpg	ROV Survey	West	W42B	W11.50
6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_12_26_15.mpg	Main MPEG2_6_19_2005_12_26_10.mpg	ROV Survey	West	W42A	W11.50
6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_12_26_15.mpg	Main MPEG2_6_19_2005_12_26_10.mpg	ROV Survey	West	W43B	W11.00
6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_12_26_15.mpg	Main MPEG2_6_19_2005_12_26_10.mpg	ROV Survey	West	W43A	W11.50
6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_14_12_58.mpg	Main MPEG2_6_19_2005_14_12_54.mpg	ROV Survey	West	W41B	W10.00
6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_14_12_58.mpg	Main MPEG2_6_19_2005_14_12_54.mpg	ROV Survey	West	W41A	W10.00
6/19/2005	Manipulator Cam OBS_Port1_MPEG2_6_19_2005_15_47_36.mpg	Main MPEG2_6_19_2005_15_47_34.mpg	ROV Survey	West	W26	W7.25
6/19/2005		ENB_Port0_MPEG2_6_19_2005_10_15_57	Diver - H.M.	West	W54	E 19583494, N 912907
6/19/2005		ENB_Port0_MPEG2_6_19_2005_12_33_55	Diver - D.T.	West	W54	E 19583494, N 912907
6/19/2005		ENB_Port1_MPEG2_6_19_2005_08_44_27	ROV Dive Ops	West	W54	E 19583494 N 912907
6/20/2005	Manipulator Cam OBS_Port1_6_20_2005_08_25_42.mpg	Main MPEG2_6_20_2005_08_25_39.mpg	ROV Survey	West	W76	W8.75
6/20/2005	Manipulator Cam OBS_Port1_6_20_2005_08_25_42.mpg	Main MPEG2_6_20_2005_08_25_39.mpg	ROV Survey	West	W28	W8.75
6/20/2005	Manipulator Cam OBS_Port1_6_20_2005_08_25_42.mpg	Main MPEG2_6_20_2005_08_25_39.mpg	ROV Survey	West	W28B	W8.75
6/20/2005	Manipulator Cam OBS_Port1_6_20_2005_08_25_42.mpg	Main MPEG2_6_20_2005_08_25_39.mpg	ROV Survey	West	W29A	W8.75
6/20/2005		ENB_Port1_MPEG2_6_20_2005_09_47_00	ROV Dive Ops	West	Measure Spans	
6/21/2005	Manipulator Cam OBS_Port1_6_21_2005_09_19_27.mpg	Main MPEG2_6_21_2005_09_19_23.mpg	ROV Survey	West	W00	W3.00
6/21/2005	Manipulator Cam OBS_Port1_6_21_2005_09_19_27.mpg	Main MPEG2_6_21_2005_09_19_23.mpg	ROV Survey	West	W00	W3.00
6/21/2005	Manipulator Cam OBS_Port1_6_21_2005_09_19_27.mpg	Main MPEG2_6_21_2005_09_19_23.mpg	ROV Survey	West	W00	W3.00
6/21/2005	Manipulator Cam OBS_Port1_6_21_2005_09_19_27.mpg	Main MPEG2_6_21_2005_09_19_23.mpg	ROV Survey	West	W04	W3.00
6/21/2005	Manipulator Cam OBS_Port1_6_21_2005_09_19_27.mpg	Main MPEG2_6_21_2005_09_19_23.mpg	ROV Survey	West	W77	W3.00
6/21/2005	Manipulator Cam MPEG2_6_21_2005_11_17_25.mpg	Main OBS_Port1_Mpeg2_6_21_2005_11_17_16.mpg	ROV Survey	West	W23B	W8.50

6/21/2005	Manipulator Cam MPEG2_6_21_2005_11_17_22.mpg	Main OSS_Port1_Mpeg2_6_21_2005_11_17_18.mpg	ROV Survey	West	W23A	W 50
6/21/2005	Manipulator Cam MPEG2_6_21_2005_11_17_22.mpg	Main OSS_Port1_Mpeg2_6_21_2005_11_17_18.mpg	ROV Survey	West	W24	W 50
6/21/2005	Manipulator Cam MPEG2_6_21_2005_11_17_22.mpg	Main OSS_Port1_Mpeg2_6_21_2005_11_17_18.mpg	ROV Survey	West	W20	W 50
6/21/2005	Manipulator Cam MPEG2_6_21_2005_12_55_53.mpg	Main OSS_Port1_MPEG2_6_21_2005_12_55_48.mpg	ROV Survey	West	W18B	W 25
6/21/2005	Manipulator Cam MPEG2_6_21_2005_12_55_53.mpg	Main OSS_Port1_MPEG2_6_21_2005_12_55_48.mpg	ROV Survey	West	W18A	W 25
6/21/2005	Manipulator Cam MPEG2_6_21_2005_12_55_53.mpg	Main OSS_Port1_MPEG2_6_21_2005_12_55_48.mpg	ROV Survey	West	W17	W 25
6/21/2005	Manipulator Cam MPEG2_6_21_2005_12_55_53.mpg	Main OSS_Port1_MPEG2_6_21_2005_12_55_48.mpg	ROV Survey	West	W15	W 25
6/21/2005	Manipulator Cam MPEG2_6_21_2005_14_22_31.mpg	Main OSS_Port1_MPEG2_6_21_2005_14_22_26.mpg	ROV Survey	West	W25	W 50
6/21/2005	Manipulator Cam MPEG2_6_21_2005_14_22_31.mpg	Main OSS_Port1_MPEG2_6_21_2005_14_22_26.mpg	ROV Survey	West	W19	W 50
6/21/2005	Manipulator Cam MPEG2_6_21_2005_14_22_31.mpg	Main OSS_Port1_MPEG2_6_21_2005_14_22_26.mpg	ROV Survey	West	W21	W 50
6/21/2005	Manipulator Cam MPEG2_6_21_2005_14_22_31.mpg	Main OSS_Port1_MPEG2_6_21_2005_14_22_26.mpg	ROV Survey	West	W22	W 50
6/21/2005	Manipulator Cam MPEG2_6_21_2005_15_46_36.mpg	Main OSS_Port1_MPEG2_6_21_2005_14_46_31.mpg	ROV Survey	West	W30	W 00
6/21/2005	Manipulator Cam MPEG2_6_21_2005_15_46_36.mpg	Main OSS_Port1_MPEG2_6_21_2005_14_46_31.mpg	ROV Survey	West	W29	W 00
6/21/2005	Manipulator Cam MPEG2_6_21_2005_17_21_40.mpg	Main OSS_Port1_MPEG2_6_21_2005_17_21_40.mpg	ROV Survey	West	(None)	W 00
6/21/2005		ENB_Port1_MPEG2_6_21_2005_09_43_05	ROV Dive Ops	West	Survey (W75-W70)	
6/21/2005		ENB_Port1_MPEG2_6_21_2005_11_51_38	ROV Dive Ops	West	Survey (W10-W06)	
6/21/2005		ENB_Port1_MPEG2_6_21_2005_14_13_23	ROV Dive Ops	West	Survey (W77-W01B)	
6/21/2005		ENB_Port1_MPEG2_6_21_2005_16_07_30	ROV Dive Ops	West	W05	
6/22/2005	Manipulator Cam OSS_Port1_MPEG2_6_22_2005_08_12_06.mpg	Main MPEG2_6_22_2005_08_12_02.mpg	ROV Survey	West	(None)	W60 75
6/22/2005	Manipulator Cam OSS_Port1_MPEG2_6_22_2005_10_30_15.mpg	Main MPEG2_6_22_2005_10_30_12.mpg	ROV Survey	West	(None)	W60 00
6/22/2005	Manipulator Cam OSS_Port1_MPEG2_6_22_2005_12_01_06.mpg	Main MPEG2_6_22_2005_12_01_06.mpg	ROV Survey	West	(None)	W18 50
6/22/2005		ENB_Port0_MPEG2_6_22_2005_10_33_28	Diver - H.M.	West	Measure Spans	
6/22/2005		ENB_Port0_MPEG2_6_22_2005_12_50_23	Diver - A.H.	West	Measure Spans / W60B	
6/22/2005		ENB_Port1_MPEG2_6_22_2005_08_41_14	ROV Dive Ops	West	58A	E19583685 N913632
6/22/2005		ENB_Port1_MPEG2_6_22_2005_08_41_14	ROV Dive Ops	West	Corrosion Study	