

SHIP REPORT-FM 35

Posted: Thu Mar 19, 1987 4:16 PM EST Msg: NGIH-2882-4091
From: UTIG.GALVESTON
To: UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: FM35 REPORT

NOON POSITION

LAT 24.5N; LONG 88.9W

WX MOD RGH

RUN 24

TIME OHR

SPD 9.6

DIST 230

DIST 1100

F.O. CONS 1550

F.O. ON HAND 51601

ETA COLON 241700

PORT AIR GUN ARRAY TEST SUCCESSFUL. GUNS STABLE, SENSOR
SIGNALS CLEAN.

□

RECEIVED FROM R/V FRED H. MOORE VIA INMARSAT.

W. H. MITCHELL

□

□Command? BYE

□

□ This mail session is now complete.

□MAIL DISCONNECTED 00 40 00:00:01:14 41 10

□

□@ATDT□□□□+++

□OK

□ATDT□ □□ □H

Posted. Tue Mar 24, 1987 12:34 PM EST
5723

Msg. BG1H-2888-

From. UTIG.GALVESTON
To. UTIG.AUSTIN
CC. UTIG.GALVESTON
Subj. FM35 REPORT
/MBX

EASYLINK MBX 8766911C001 24MAR87 12:22/12:24 EST
VIA. 9102405799

TO. 62961335

TOOC UO
ARRIVAL REPORT
ARRIVAL 3/24/87 0642
R.T.18HRS.42MIN. SPD 10.3 DIS 193 F O CONS.1935
F.OREM.43366 SIX TRUKS REGAR

T
TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE
/WUW
EST 1218 MAR/24/1987

MMMM

EASYLINK MBX 8768665C001 24MAR87 12:23/12:25 EST
FROM: EASYLINK

TO. 62961335

DELIVERY NOTIFICATION:

RE MESSAGE NUMBER. 8766912C001
INPUT ADDRESS. 3288574
ANSWERBACK RECVD. 8574 PANACO PG
DELIVERED TO: (WUW) * 3288574
DELIVERED AT: 24MAR87 12:22 EST

MMMM

YOUR MAILBOX IS NOW EMPTY
EASYLINK

8768946C 24MAR87 12.25 EST
PTS

Action?

Posted. Tue Mar 24, 1987 12:41 PM EST
5855

Msg: OGIH-2888-

From. UTIG.GALVESTON

To: UTIG.AUSTIN

CC. UTIG.GALVESTON

Subj: FM35 REPORT

/MBX

EASYLINK MBX 8766911C001 24MAR87 12:22/12:24 EST

VIA: 9102405799

TO. 62961335

TOOC UQ

ARRIVAL REPORT

ARRIVAL 3/24/87 0642

R.T.18HRS.42MIN. SPD.10.3 DIS.193 F.O CONS.1935

F.OREM.43366 SIX TRUKS REGAR

T

T.

Action?

SHIP REPORT

Wednesday, 25 March
1987

Posted: Wed Mar 25, 1987 2:39 PM EST

Msg: PGIH-2890-9005

From: UTIG.GALVESTON

To: UTIG.AUSTIN, A.MAXWELL

CC: UTIG.GALVESTON

Subj: FM 35 REPORT

PRESENTLY SCHEDULED TO COMMENCE TRANSIT 1415/26TH.
EXPECT DOCKING BALBOA 0200/27TH. WILL KEEP YOU
ADVISED.

BILL MITCHELL

FROM THE *MOORE*,

THURSDAY, 26 MARCH 1987,

Posted: Thu Mar 26, 1987 10:48 AMEST Msg: HGIH-2892-4530
From: UTIG.GALYESTON
To: UTIG.AUSTIN
CC: UTIG.GALYESTON
Subj: FOR CHARLIE WINDISCH - ASAP

CHARLIE, FOLLOWING RECEIVED FROMSHIP. MUST SEND BOTH
TRANSMITTALS A/C FIRST NOT COMPLETELY SATISFACTORY..

/MBX
EASYLINK MBX 9308209C001 26MAR87 09:15/10:33 EST
FROM: EASYLINK

TO: 62961335

DELIVERY NOTIFICATION:

RE MESSAGE NUMBER: 9303170C001
INPUT ADDRESS: 8051504136
ANSWERBACK RECYD: 1504136 TOOC X
DELIVERED TO: (WUW) # 8051504136
DELIVERED AT: 26MAR87 09:14 EST

MMMM

EASYLINK MBX 9313322C001 26MAR87 09:31/10:33 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
SCIENCE MESSAGE NO. 5
26 MARCH 1987 1400Z

RE: MY 25MAR87 1545Z NO. 2
YOUR 25MAR87 1708/1821 EST

ITE TAP AMERICAN STANDARD TAPER (NPT)
3/8-18 PIPE. QTY 2.

ITEM 4. SINGLE OFFSET LINK FOR ANSI NO. 60 CHAIN
3/4 INCH PITCH. QTY 8.
MCMASTER CAT. 92, PAGE 1261, NO. 6261K265

NEW ITEMS. FROMCK.

1. 'N' MALE CABLE CONNECTORS.

2. 6 EACH IN LINE FUSE HOLDERS.
3. 6 EACH PANEL MOUNT FUSE HOLDERS.

GRIFFITHS SENC HAVE BEEN ADVISED BY CANAL AUTHORITIES, WRED TO HAVE A
CERTIFICATE OF DOCUMENTATION IN EY
TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 0927 MAR/26/1987

MMM

EASYLINK MBX 9316680C001 26MAR87 09:39/10:34 EST
YIA: 9102405799

TO: 62961335

TOOC UQ
SCIENCE MESSAGE NO. 5
26 MARCH 1987 1400Z

RE: MY 25MAR87 1545Z NO. 2
YOUR 25MAR87 1708/1821 EST

ITEM 3. PIP CAN STANDARD TAPER (NPT)
3/8-18 PIPE. QTY 2.

ITEM 4. S LINK FOR ANSI NO. 60 CHAIN
3/4 INCH PITCH. QTY 8.
MCMASTER CAT. 92, PAGE 1261, NO. 6261K265

NEW ITEMS. FROM AUSTIN STOCK.

1. 6 EACH TYPELE CABLE CONNECTORS.
2. 6 EACH IN LINE FUSE HOLDERS.
3. 6 EACH PANEL MOUNT FUSE HOLDEDS

BILL: HAVE BEEN ADVISED BY CANAL AUTHORITIES, WE ARE
REQUIRED TO HAVE A CERTIFICATE OF DOCUMENTATION IN LIEU
OF THE VESSEL REGISTRY CERTIFICATE NOW. PLEASE INQUIRE
A.B.S. ABOUT THIS. SCHEDULED TO TRANSIT 1300 TODAY,
WILL ADVISE. SIX TRUCKS-REGARDS.

PS. YOUR 1708/1750 EST MESSAGE WAS SENT AGAIN (AUTOMATICALLY?)
AS 1708/1821 EST.

PPS. THIS IS RETRANSMIT OF 26MAR 1427
TOOC UQ

1504136 TOOC X

Y

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 0935 MAR/26/1987

MMM

YOUR MAILBOX IS NOW EMPTY
EASYLINK

9339075C 26MAR87 10:35 EST

FRIDAY, 27 MARCH 1987

Posted: Fri Mar 27, 1987 12:37 PM EST
From: UTIG.GALVESTON
To: UTIG.AUSTIN, A.MAXWELL
CC: UTIG.GALVESTON
Subj: SCIENCE MESSAGE #6 - FOR CHARLIE WINDISCH

Msg: AGIH-2894-7043

9687157C 27MAR87 12:34 EST

PTS

/MBX

EASYLINK MBX 9617458C001 27MAR87 10:02/12:34 EST

VIA: 9102405799

TO: 62961335

TOOC UQ

SCIENCE MESSAGE NO. 6

27 MARCH 1987 1500Z

SUPPLIES NEEDED FROM AUSTIN STOCK.

20 EACH FEMALE 25-PIN D CONNECTORS FOR RS-232 CAGRIFFITHS SENDS

SCIENCE MESSAGE NO. 6

27 MARCH 1987 1500Z

SUPPLIES NEEDED FROM AUSTIN STOCK.

20 EACH FEMALE 25-PIN D CONNECTORS FOR RS-232 CABLES.

GRIFFITHS SENDS

TOOC UQ

V

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 0958 MAR/27/1987

MMMM

YOUR MAILBOX IS NOW EMPTY
EASYLINK

BILL MITCHELL

SHIP REPORT MARCH 29-30, 1987

Posted: Mon Mar 30, 1987 9:09 AM EST

Msg: PGIH-2896-7742

From: UTIG.GALVESTON

To: A.MAXWELL

CC: UTIG.GALVESTON

Subj: MESSAGES FROM MOORE

PLEASE DIRECT APPROPRIATE PASSAGE TO CHARLIE WINDISCH
FOR HIS ACTION. FOLLOWING RECEIVED:

/MBX

EASYLINK MBX 9786226C001 27MAR87 15:45/08:46 EST

FROM: EASYLINK

TO: 62961335

DELIVERY NOTIFICATION:

RE MESSAGE NUMBER: 9783665C001

INPUT ADDRESS: 3288574

ANSWERBACK RECVD: 8574 PANACO PG

DELIVERED TO: (WUW) * 3288574

DELIVERED AT: 27MAR87 15:43 EST

MMMM

EASYLINK MBX 9795644C001 27MAR87 16:05/08:47 EST

VIA: 9102405799

TO: 62961335

TOOC UQ

DJG

FROM PANACO CRISTOBAL

TO UNIV OF TX INST GEOPHY MAR OPS

MARCH 27/87

ATTN: BILL MITCHELL

RE: R/V FRED H MOORE - COMPLETED CANAL TRANSIT 0127/27TH
DOCKED 0200/27TH. REVERTING WITH ETD AND SAILING PARTICULARS.

BEST REGARDS

PANACO

ENDS

TOOC UQ

8574 PANACO PG

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.

EST 1601 MAR/27/1987

MMMM

EASYLINK MBX 0094377C001 29MAR87 12:47/08:47 EST
VIA: 9102405799

TO: 62961335

TOOC UQ

3/29/87

RECEIVED 11,942 NET GALS. F.O. FRIDAY 27TH.

TOTAL GROSOON TODAY, 55,775 GROSS GALS.

SIREGARDS. M

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1242 MAR/29/1987

MMMM

EASYLINK MBX 0109980C001 30MAR87 00:25/08:47 EST
VIA: 9102405799

TO: 62961335

TOOC UQ

ATTN. CHARLES WINDISCH .

LOST CHECK BAGGAGE CONTAINING EPROM, PIGTAILS, FUSES

AND TM ALSO LOST ONE PERSONAL CHECKED BAG.

BOTH CHECKED BY TOM SHIPLEY' 853,34-46.

PAN AM CODE IS PTY 7382. PLEASE TRACK AT YOUR END3,:3 0-456 8' 9, 79-4.

REGARDS TOM SHIPLEY

M

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 0020 MAR/30/1987

MMMM

YOUR MAILBOX IS NOW EMPTY

EASYLINK

BILL MITCHELL

SHIP REPORT Wed, 1 April 87

9:15 AM

Posted: Wed Apr 1, 1987 9:44 AM EST
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: MESSAGE FROM R/V FRED H. MOORE

Msg: JG1H-2901-4244

/MBX

ERSYLINK MBX 0538727C001 31MAR87 14:56/08:23 EST
FROM: SUC
WESTERN UNION TELEGRAPH CO

TO: 62961335

CANCELLATION NOTIFICATION

RE MESSAGE NUMBER 0525863C001
TIME ENTERED: 31MAR87 14:27 EST
ADDRESSED TO: (MUW) * 7061504136

REASON FOR CANCELLATION:
TERMINAL COULD NOT BE REACHED.
USE "MESSAGE FORWARDING" TO RESEND MESSAGE WITHOUT RE-ENTERING TEXT.

MMMM

ERSYLINK MBX 0560938C001 31MAR87 15:48/08:24 EST
VIA: 9102405799

TO: 62961335

TOOC UQ

1548 EST

2300 AEROMAR

MR. BILL MITCHELL

UNIVERSITY OF TEXAS AT AUSTIN

INST. FOR GEOPHYSICS

WE NEED TO KNOW EXACTLY WHEN IS ARRIVING IN PUNTARENAS

S.S. FRED H. MOORE.-

SHIP REPORT Wed, 1 April 87

9:15 AM

THANK YOU

JUAN RODOLFO MESEN

MANAGER

AEROMAR LTDA.

2300 AEROMAR

REPLY VIA ITT

MMMM

EASYLINK MBX 0581045C001 31MAR87 16:38/08:24 EST
VIA: 9102405799

TO: 62961335

TOOC UQ

ATTN: CHARLES WINDISCHD WITHOUT SHIPLEYS BAG AND SPARE PARTS BOX 1.
-&3,5 59 \$942-4 59 -7'58,. I TELEXED RECOPE TO VERIFINATE OF GARZA. BELIEVED IT
IS 354327.35, NOT AS
SPECIFIED IN TELEX OF 26 MARCH FROM RECOPE. PLEASE RUN THIS
DOWN FOR US. ATS STILL DOWN' .-3 '8&,8\$8:-,5 :#-,&3'
8, -44-6' 59 437:3 7.78>8:-> 049?>3.'. WILL TEST TODAY. COMPLETED
PUTTING 6-CHAR ON 01 DPASS TO MOSER. I DID
SEND TO JOI RECOMMENDATION FOR CORRIGAN. REGARDS,T. SHIPLEY

ATTN. W. MITCHELL,
SAILED 0845 TODAY. F.O. 54733 GALS. RYAN WANTS O. HOOKS TO HOLD
CHECK FOR HIM. SIX TRUCKS . PLEASE CONFIRM RECEIVE REGARDS,JLP.

TOOC UQ

0

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1634 MAR/31/1987

MMMM

EASYLINK MBX 0665079C001 1APR87 07:55/08:25 EST
VIA: 9102405799

TO: 62961335

TOOC UQ

SHIP REPORT Wed, 1 April 87

9:15 AM

STARBOARD ARRAY RUN FOR 4 HOURS 31ST MARCH. SYNCHRONIZATION EXCELLENT, NO CHAFFING AT ALL. 6-CHANNEL DEPLOYED, TESTS INCLUSIVE. GUS HEADER PROBLEMS. STREAMER DISPLAY WORKING. NOW WORKING ON BITHERE IS SOMRESENT CRUISE NUMBER. PLEASE CHEIVES FOR ASR.

SIX TRUCKS - REGARD

TOOC UQ
NR

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 0751 APR/01/1987

MMMM

YOUR MAILBOX IS NOW EMPTY
EASYLINK

0671243C 1APR87 08:25 EST
PTS

F. H. MOORE SHIP REPORT

3:02 PM

4/1/87

P. 1

Posted: Wed Apr 1, 1987 2:17 PM EST
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: FRED MOORE REPORT

Msg: AGIH-2902-1806

PLEASE MAKE SURE BILL MITCHELL SEES THE FOLLOWING RECEIVED FROM
SHIP THIS AFTERNOON. THANKS. OLWEN HOOKS

/MBX

EASYLINK MBX 0710295C001 1APR87 10:30/14:06 EST

FROM: SVC

WESTERN UNION TELEGRAPH CO

TO: 62961335

CANCELLATION NOTIFICATION

RE MESSAGE NUMBER 0703134C001

TIME ENTERED: 1APR87 10:11 EST

ADDRESSED TO: (WUW) * 7051504136

REASON FOR CANCELLATION:

TERMINAL COULD NOT BE REACHED.

USE "MESSAGE FORWARDING" TO RESEND MESSAGE WITHOUT RE-ENTERING TEXT.

MMMM

EASYLINK MBX 0755054C001 1APR87 12:48/14:07 EST

VIA: 9102405799

TO: 62961335

TOOC UQ

L. 07.4N LO. 82.3W WTHR. MOD. R.T. 26.2 HRS. SPD. 9.24KN.

DIST. 242 F.O. 1269 F.O.REM. 53,464 SIX TRUCKS - REGARDS.

JLP MT

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1244 APR/01/1987

MMMM

F. H. MOORE SHIP REPORT

3:02 PM

4/1/87

P. 2

EASYLINK MBX 0756519C001 1APR87 12:52/14:07 EST
VIA: 9102405799

TO: 62961335

TOOC UQ

HRS. SPD. 9.24 KN.

DIST. 242 F.O. 1269 F.O.REM.53,464 SIX TRUCKS, REGARDS

JLP

TOOC UQ

T

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1248 APR/01/1987

MMMM

YOUR MAILBOX IS NOW EMPTY
EASYLI

Action?

SHIP REPORT THURS., 4/2/87

Posted: Thu Apr 2, 1987 2:37 PM EST

Msg: MGIH-2904-2655

From: UTIG.GALVESTON

To: A.MAXWELL, UTIG.AUSTIN

CC: UTIG.GALVESTON

Subj: FRED MOORE REPORT

/MBX

EASYLINK MBX 1019575C001 2APR87 14:04/14:34 EST

VIA: 9102405799

TO: 62961335

TOOCUQ

NPR 4/2/87

L. 09.1.9W WTHR. MOD. R.T. 25.0HRS. SPD. 7.60 KN.

DIST. 190 F.O. 1144 F.O.REM.52,320

NOTE:CLOCKS RETARDED TO CST - REDUCED SPDS.44-6 &
STREAMER.

FROM SHIPLEY: TESTED SYSTEMS ALL DAY 01 APRIL. PCV'S ON 2000

CI AIRGUNS WORK. ST GUS DATA USING THE 6-CHANNEL

STREAMER. GUS IS ALIVE AGAIN.

SIX TRUCKS - REGARDS. JLP

TOOCUQ

TKS

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.

EST 1400 APR/02/1987

1029299C 2APR87 14:35 EST

PTS

BILL MITCHELL

**SHIP REPORT FRED H. MOORE
FRIDAY, 4/3/87**

Posted: Fri Apr 3, 1987 3:30 PM EST
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: FRED H. MOORE REPORT

Msg: MGIH-2906-5158

/mbx

EASYLINK MBX 1266017C001 3APR87 14:19/14:38 EST
VIA: 9102405799

TO: 62961335

TOOCUQ

BILL: PLEASE RETRANSMIT URS 4/1 1912 GMT. DO NOT KNOW WHY
TERMINAL COULD NOT BE REACHED, BUT PERSONAL FOR TOM SHIPLEY UNCLEAR
SIX TRUCKS - REGARDS JLP.
TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1415 APR/03/1987

MMMM

EASYLINK MBX 1268050C001 3APR87 14:26/14:39 EST
VIA: 9102405799

TO: 62961335

TOOCUQ

NPR 4/3/87

L. 09.9 LO. 85.9W WTHR. MOD. R.T. 24.0HRS. SPD. 5.96 KN.

DIST. 143 F.O. 793 F.O.REM.51,567

NOTE:VARIOUS CSES. & SPDS. DEPLOYING GUNS & STREAMER.

SIX TRUCKS - REGARDS.

FROM T. SHIPLEY:MADE CONTACT WITH ONI BASE STATION. RECORDING
SOME MAXIRAN DATA NOW. DEPLOYED & TESTED PORT ARRAY FOR 4 HRS.
ALL O.K. BEGAN 96-TRACE DEPLOYMENT. HAD TWO SEPARATE HYDRALIC
FAILURES & BROKEN CHAIN ON MAIN REEL.REPAIRS UNDERWAY.

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1422 APR/03/1987

MMMM

EASYLINK MBX 1270393C001 3APR87 14:33/14:39 EST
VIA: 9102405799

TO: 62961335

TOOCUQ

NPR 4/3/87

L. 09.9 LO. 85.9W WTHR. MOD. R.T. 24.0HRS. SPD. 5.96 KN.

DIST. 143 F.O. 793 F.O.REM.51,567

NOTE:VARIOUS CSES. & SPDS. DEPLOYING GUNS & STREAMER.

SIX TRUCKS - REGARDS.

FROM T. SHIPLEY:MADE CONTACT WI STATION. RECORDING

SOME MAXIRAN DATA NOW. DEPLOYED & TESTED PORT ARRAY FOR 4 HRS.

ALL O.KOYATRACE DEPLOYMENT. HAD TWO SEPARATE HYDRALIC
FAILURES & BROKEN CHAIN ON MAIN REEL.REPAIRS UNDERWAY.

TOOCUQ

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1429 APR/03/1987

SHIP REPORT APRIL 2, 3, 4, 1987

Posted: Mon Apr 6, 1987 9:20 AM EST

Msg: GGIH-2908-2147

From: UTIG.GALVESTON

To: A.MAXWELL, UTIG.AUSTIN

CC: UTIG.GALVESTON

Subj: FRED H. MOORE REPORT

/MBX

EASYLINK MBX 1282020C001 3APR87 15:06/13:57 EST

FROM: SVC

WESTERN UNION TELEGRAPH CO

TO: 62961335

CANCELLATION NOTIFICATION

RE MESSAGE NUMBER 1275799C001

TIME ENTERED: 3APR87 14:50 EST

ADDRESSED TO: (WUW) # 7051504136

REASON FOR CANCELLATION:

TERMINAL COULD NOT BE REACHED.

USE "MESSAGE FORWARDING" TO RESEND MESSAGE WITHOUT RE-ENTERING TEXT.

MMMM

EASYLINK MBX 1303511C001 3APR87 15:59/13:57 EST

FROM: SVC

WESTERN UNION TELEGRAPH CO

TO: 62961335

CANCELLATION NOTIFICATION

RE MESSAGE NUMBER 1284730C001

TIME ENTERED: 3APR87 15:17 EST

ADDRESSED TO: /NTF

/ITX32288574

REASON FOR CANCELLATION:

INVALID COUNTRY CODE

MMMM

EASYLINK MBX 1306013C001 3APR87 16:04/13:57 EST

FROM: EASYLINK

TO: 62961335

DELIVERY NOTIFICATION:

RE MESSAGE NUMBER: 1297059C001
INPUT ADDRESS: 7051504136
ANSWERBACK RECVD: 1504136 TOOC X
DELIVERED TO: (WUW) # 7051504136
DELIVERED AT: 3APR87 16:03 EST

MMMM

EASYLINK MBX 1331111C001 3APR87 17:02/13:58 EST
VIA: 9102405799

TO: 62961335

TOOCUQ
BILL: RE URS 010800 RECEIVED FOR T. SHIPLEY - 6 TRKS.

TOOCUQ

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1657 APR/03/1987

MMMM

EASYLINK MBX 1390572C001 4APR87 08:46/13:58 EST
VIA: 9102405799

TO: 62961335

TOOCUQ

02-03 APRIL 1987.
43)83\$ =-) = 3, TIGHTENED FITTINGS. SUSPECT POPPING FROM CHAIN
JUMPING SPROCKET. 975 9\$ \$85507.0, PRESSAS REEL WAS RE GAUGE THIS SIDE OF
PUMP
AND PRESSURE COMPENSATOR NOT CONNECTED TO THIS SIDE
WM SWITCHED TO NEW PUMP, LET CABLE OUT AND OBSERVE CHAIN DRIVES.
HISSING NOISE FROM CRIEF VALVE. PORT CHAIN DRIVE BREAKS
AND JAMS JACKSHAFT. AT SAME TIME OUT OF FITTING AT REEL
CHANGE VALVE, ON THE PRESSURE OUT SIDE. REEL WAS GOING OUT AT TIME
OF FAILURE. REPLACED DRIVE CHAIN ON PORT AND STARBOARD SIDES, BUT
PREVENT CHAIN JUMPING SPROCKET.
ADJUSTMENTS USING HALF LINKS NOT NECESSARY. ONE SIDE TIGHTER THAN
OTHER. CAUTION MUST BE EXERCISED WHEN SLOWING REEL GOING OUT TO
PREVENT CHAIN JUMPING SPROCKET. NO PROBLEM WITH REEL COMING IN.
REPLACE, NO MORE SPARES. 3 & 98, & 975, HOSE SLIPS OUT OF FITTING AT
CROSSOVER

RELIEF

VALVE, PRESSURE SIDE GOING OUT. SUSPECT NEW TYPE VALVE MAY BE PROBLEM. VALVE LETS OIL E DIRECTION, OPERATE I IN.

RELIEF VALVE IECTION OF FLOW, EACH SIDE.DAMAGED PARTS

INSIDE VALVE. REPLACED VALVE WITH OLD STYLE, REPLACE HOSE, AND INSTALL GAUGE IN PRESSURE SIDE GOING OUT.

4. CABLE GOING OUT, PRESSURETPP PSI ON IDE.

NO FURTHER HOSE PROBLEMS. CABLE COMING IN, PRUPP PSI

PRESSURE GOI NO PROBLEM PICKING UP LEAD IN. 9, #64-)8: .9594 8' \$-5 3,97&#.

HIGHEST PRESSURE WHEN BRAKING

REEL GOING OUT IS 1500 PSI ON PRESSURE SIDE REEL WHEN COMING IN.

AT PRESENT OPERATING ON NEW PUMP. POSSIBLE TO ROB UPPER REEL FOR

HOSE TO PLACE OLD PUMP INTO OPERATION.

5. RECOMMENDATIONHIEF SCIENTIST. TESE PROBLEMS AGAIN

INDICATE THA IT IS PRUDENT TO HAVE A BRAKE FOR THE MAALSO, WI IT IS DIFFICULT TO FIND BALANCE

REEL I URGENTLY REQUEST THAT BRAKE BE INSTN REEL BEFORN ARC WORK. DID THE UNOLS INSPECTION MENTION

A GOOD BRAKING SYSTEM IS NECESSARY FOR THE SAFETY OF THE STREAMER

AND PERSONNEL,AS WELL AS MAKING IT EASIER TO WORK WITH THE STREAMER

ON THE BACK DECK.73'5 5#-5 5#3 #64-)8: 94.-,:3

?3 :#3:(3 ?6 - '03:8-)8'5 -, ':#3.-58:' 9\$ 5#3 '6'53. ?3 0\$8,-))6 - .-94 0945

3\$945 8' ,3:3"-46 59 -7'5 :#-8,.

T. SHIPLEY. JLP REGARDS. 6 TRKS.

=

TOOCUQ

T

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.

EST 0842 APR/04/1987

MMMM

EASYLINK MBX 1400163C001 4APR87 13:36/13:59 EST

VIA: 9102405799

TO: 62961335

TOOCUQ

TO: INSTITUTE FOR GEOPHYSICS UNIVERSITY TEXAS

FROM: PANACO CRISTOBAL

4/4/87

ATTN: CHARLES WINDISCH

2 PCS BAGGAGES FOR SHIPLEY THOMAS UNDER TAG N0.PA-145061 VIA PANAM.

DEP PANAMA FLT 428 0800/5TH TO NEW YORK 1620/5TH

DEP NEW YORK FLT 401 1725/6TH TO HOUSTON 2135/6TH.

REGARDS
PANACO

END
TOOCUQ

9214 PANACO PA
1335 04/04
PLS REPLY VIA TRT

MMMM

EASYLINK MBX 1400229C001 4APR87 13:40/14:00 EST
VIA: 9102405799

TO: 62961335

TOOCUQ
VN.P.R. 4/4/87
L. 85.9W WTMT. 24.0HRS. F.O.810 F.O.REM.50,757
VAR. CSES. & SYING. COMM. FIRING ON LINE 1049 4/4/87.
FROM T. SHIPLEY: REPORT FOR 4/3/87. CONTINUING TO DEPLOY 96-
TRACE STREAMER. THIRD HYDRALICE ON MAIN RECED
CROSSOVER VALVE. REQUEST THAT MAIN REEL BRAKE BE INSTALLED BEFORE
BONIN ARC WORK. UNSAFE FOR EQUIPMENT AND PERSONNEL. DETAILED REPORT
IN SHIPLEY/STANDLEY MESSAGE. 6 TRKS. - REGARDS - JLP

TOOCUQ

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1335 APR/04/1987

MMMM

YOUR MAILBOX IS NOW EMPTY
EASYLINK

1400854C 4APR87 14:00 EST
PTS
/NTF
/ITX7051504136+

GA
041905Z
FM. MAREINE OPSS
TO. CAPTAIN PERKINS
RE: SHIPLEY/STANDEEYY MESSAGE
PLEASE RESEND THE COPY I RECEIVED WSAS GARBLED. IN THE FIRST

PARAGRAPH.
BT42
BT
MMMM

ACCEPTED 1400854C
EASYLINK

NO CARRIER

2ND MESSAGE COMING SEPARATELY FROM GALVESTON. STAND BY.

BILL MITCHELL

SHIP REPORT APRIL 4, 5, 6, 1987

Posted: Mon Apr 6, 1987 9:23 AM EST

Msg: BGIH-2908-2210

From: UTIG.GALVESTON

To: A.MAXWELL, UTIG.AUSTIN

CC: UTIG.GALVESTON

Subj: FRED H. MOORE REPORT

/MBX

EASYLINK MBX 1401165C001 4APR87 14:08/07:44 EST
FROM: EASYLINK

TO: 62961335

DELIVERY NOTIFICATION:

RE MESSAGE NUMBER: 1400854C001

INPUT ADDRESS: 7051504136

ANSWERBACK RECVD: 1504136 TOOC X

DELIVERED TO: (WUW) # 7051504136

DELIVERED AT: 4APR87 14:07 EST

MMMM

EASYLINK MBX 1404401C001 4APR87 15:33/07:44 EST
VIA: 9102405799

TO: 62961335

TOOCUQ

:A.ROBERTS-C. WINDISCH

FROM: T. 4. STANLEYNT OF MAIN RS 02-03 APRIL L987.

08,& ,98'3 8,& -5 :49"\$ =-)=3, TIGHTENED FITTINGS. SUSPECT POPPING FROM CHAIN

JUMPING SPROCKET. HOSE SLIPS OUT OF FITTING ON OLD PUMP, PRESSURE REEL WAS GOING

OUT. GAUGE THIS SIDE OF PUMP SURE COMPENSATED TO THIS SIDE OF PUMP.

2. SWITCHED TO NEW PUMP, LET CABLE OUT AND OBSERVE CHAIN DRIVES. HISSING NOISE FROM CROSSOVER RELIEF VALVE. PORT CHAIN DRIVE BREAKS AND JAMS JACKSHAFT. AT SAME TIME OUT OF FITTING AT REEL CHANGE VALVE, ON THE PRESSURE OUG OUT AT TIME OF FAILURE. REPLACED DRIVE CHAIN ON PORT AND STARBOARD SIDES, BUT PREVENT CHAIN JUMPING SPROCKET. ADJUSTMENTS USING OT NECESSARY. ONE SIDE TIGHTER THAN OTHER. CAUTION MUST BE EXERCISED WHEN SLOWING REEL GOING OUT TCHAIN JUMPING SPROCKET. NO PROBL COMING IN. REPLACED FAILED HOSE SPARES.

3. CABLE GOING OUT, HOSE SLIPS OUT OF FITTING AT CROSSOVER RELIEF VALVE, PRESSURE SIDE GOING OUT. SUSPECT NEW TYPE VALVE MAY BE PROBLEM. VALVE LETS OIL FREE FLOW ONE OPERATE AGAINST 3/8 95#34 843:589, 9\$ \$)92,

EACH SIDE.DAMAGED PARTS

INSIDE VALVE. REPLACED VALVE WITH OLD STYLE, REPLACE HOSE, AND INSTALL GAUURE SIDE GOING OUT.

4. CABLE GOING OUT, PRESSURE LESS THAN 508,& 975 '8 TOOCUQ

PROBLEMS. IN, 043"743 500-700 0'8

043"743 &98,& 9 049?)3. 08:(8,& 70)3- 8,, LOW SPEED

ON HYDRALIC MOTOR IS FAST GHEST PRESSURE WHEN BRAKING

REEL GOING OUT IS 1500 PSI ON PRESSURE SIDE REEL RESENT OPERATING ON NEW PUMP.

POSSIBLE TO ROB UPPER REEL FOR

HOSE T PUMP INTO OPERATION.

INDICATE THA IT IS PRUDENT TO HAVE A BRAKE FOR THE MAIN SO, WITHTE PRESENT T IS

DIFFICBALANCE

REEL. I URGENTLY REQUEST THAT BRAKE BE INSTALLD ON MAIN RRC WORK. DID THE UNOLS

INSPECTION MENTION THIS ITEM?

A GOOD BRAKING SYSTEM IS NECESSARY FOR THE SAFETY OF THE STREAMER

AND PERSONNE AS MAKING IT EASIER TO WORK WITH THE STREAMER

ON THE BACK DECK. I ALSO REQUESTHYDRALIC SYSTEM PERFORMANCE

BE CHECKED BY A SPECIALIST ASTEM BE PREPALLY A MAJOR PORT EFFORARY TO

ADJUST

CHAIN.

T. SHIPLEY. JLP REGAS.

TOOCUQ

T

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1529 APR/04/1987

MMMM

EASYLINK MBX 1425041C001 5APR87 12:15/07:46 EST
VIA: 9102405799

TO: 62961335

TOOCUQ

FOLLOWING PARTS REQUIRED, PUNTA ARENAS, IF POSSIBLE.

COTTA TRANSMISSION CO.

ROCKFORD, IL.

RILEY-BEARD, INC. SHREVEPORT, LA.

SER.# 162536 & # 162537 MOD. GR 12A STOCK LIST GR12A400-' 5#3 :)75:# -,
437:589, &3-4 9, .6 :9.043"94', DRIVEN

BY CAT 3406 ENGINE, SER.#90U17694 & 90UL7690 (ASIN UNION)
REQ.(6) EA. 6L4750 PLATE ASSEMBLY (WERE VERY HOT).
REQ.(2) EA. 5P381 BEARINGS, (POSSIBLY NEEDS REPLACEMENT), THIS
IS JECT TO REPLACE THESE PL NOT IDENTIFY, IF
THIS IS CLUTCH GROUP #3N6542 OR #3N8617. MUSTANG CANRU
SERIAL NUMBERS. 8-279-280-280A IN 3406 PARTS BOOK.

REQ. (2) EA. 93077-69 I.D.#1706 COIL 120 VOLT A.C. - 60 CYCLES.
A. 93077-05 SPARE PARTS KIT - DUMP VALVE.
REQ. (1) EA. 95966-31 I.D. #109 FRESH WATER HOSE WITH INTERNAL
SPRING.
MAXIM AQUA-FRESH EVAPORATOR: MOD. HJ20C-A3-4 SER.# L-125625
6 TRKS. - REGARDS JLP

M
TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1211 APR/05/1987

MMMM

EASYLINK MBX 1426823C001 5APR87 13:43/07:46 EST
VIA: 9102405799

TO: 62961335

TOOCUQ
RXTXIU
L. 09.7N LO. 86.2W WTHR.MOD R.T. 24.0HRS. F.O.930 F.O.REM.49,827
VAR. CSES. & SPDS. ON LOCATION.

FROM T. SHIPLEY: REPORT FOR 4/4/87.
FINMLA#8'543-.34 30)96.3,5. 6 SUSPECT TRACES. SHOT LINE 1.
974:3 049?)3.', 5 DIFFERENT VOLUMM STARTED LINE
50 WITH SINGLE ARRAY.
6 TRKS. - REGARDS. JLP

TOOCUQ

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1339 APR/05/1987

MMMM

EASYLINK MBX 1468600C001 6APR87 00:42/07:47 EST
VIA: 9102405799

TO: 62961335

TOOCUQ
SUNDAY SCIENCE MESSAGE 05 A APRIL 87.
NO NEWS WITH REGARD TO THE SCIENTIFIC GOALS OF THE CR3D PROGRAM

WE ARE HAVING PROBLEMS WITH THEYS, FOLLOW UP WORK ON THE STREAMER AND HYDRAULICS.

BOTH THE 2000-44-6' -43 '9 \$-4 7,43)8-?)3. LINE 1 WAS SHOT WITH 5 DIFFERENT SOURCE CAPACITIES, THE GREATEST NUMBER OF SHOTS WITH ANY CONFIGURATION IS ABOUT 400. WE ARE CURRENTLY WORKING ON BOTH ARRAYS AFTER TO RUN LINE 50. WE WERE UNABLE TO KEEP EITHER ARRAY GOING FOR MORE THAN ABOUT 1 HOUR. THE PROBLEMS ARE VARIED, FROGUN PROBLEMS, SYLELNOID VALVE PROBLEMS, HOFAILURES AND A BROKEN WIRE IN THE UMBILICAL. MANY OF TS WERE PUT IN THE ARRAY, LEAVING SEVERAL GUNS TO BE REPAIRED, IF TIME PERMITS. WE ARE NOW CIRCLINOURS TO ALLOW THE TECHNICIANS TO GET SOME SLEEP AND THEN REPAIR BOTH ARRAYS AND SPARE GUNS, WE INTEND TO THEN RUN ONE ARRAY WITH THE SECOND IN THE WATER AS A SPARE. IF WE ARE ABLE TO RUN LINE 50 WITHOUT MORE FAILURES THAN WE CAN KEEP UP WITH, WE WILL CONTINUE TO USE THE ARRAYS. OTHERWISE WE WILL BEGINNGLE 2000CI GUN, IF WE HAVE ENOUGH O-RINGS. AN ADDITIONAL PROBLEM IS THAT THE PORT GARDNER-DENVER COMPREDNEED UP IT'S CLUTCH/

THE STREAMER HAS NUMEROUS LEAKS AND WILL REQUIRE WORK IT IS DEPLOYED. AT PRESENT HAVE ABOUT 6 SUSPECT CHANNELS, ONLY ONE OF WHICH IS CLEARLY DEAD. GUS SEEMS TO BE WORKING. THE ONI NAVIGATION SYSTEM IS PRETTY GOOD, BUT, PROGRAM QUIRKS. IT'S AGREEMENT WITH GPS IS GOOD. THE TAILBUOY IS EASILY TRACKED BY RADAR. THE MACINTOSH STREAMER WORKING BUT HAVE NOT SENT IT REAL DATA YET. THE BINNING PROGRAM IS STILL IN DEVELOPMENT. OTHER PROGRAMING OF THE LOGGER AND NAVIGATION PLOTTE.

MOST EVERYTHING ELSE IN THE LAB IS MORE OR LESS WORKING, WITH THE EXCEE 3.5KHZ E AND GALVO CAMERA. THE ECHO SOUNDER TRANSDUCERENTLY DAMAGED. ELECTRICAL TESTS SHOW 2 TRANSDUCERS OPEN, 3 INTERMITTENT AND 3 GOOD. CABLE TESTER DISTANCES FOR ALL TRANSDUCERS ARE 25 FE 3 GOOD ONLY 1 PROVIDES A BOTTOM RETURN, ONLY IN SHALLOW WATER.

T. SHIPLEY 6 TRKS. - REGARDS JLP

TOOCUQ

M

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 0038 APR/06/1987

MMMM

YOUR MAILBOX IS NOW EMPTY
EASYLINK

1495477C 6APR87 07:48 EST
PTS

END OF 2ND MESSAGE.

BILL MITCHELL

SHIP REPORT

MONDAY, 4/6/87

Posted: Mon Apr 6, 1987 4:35 PM EST
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: FRED H. MOORE REPORT

Msg: CGIH-2909-3403

TOOCUQ
RXYXIU
L. 09.6N LO. 86.1W WTHR.MOD R.T. 24.0HRS. F.O9.REM.48485
VAR. CSES. & S
FROM T. SHIPLEY: REPORT FOR 4/5/87.
BEGAN LINE 50A WITH SINGLE ARRAY. DISCOVERED 1500 GUNS INCORRECTLY
ASSEMBLED, DAMAGED METAL RINGS. MORE INFORMATION

Y TRKS. - REGARDS. JLP

TOOCUQ

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1442 APR/06/1987

MMMM

YOUR MAILBOX IS NOW EMPTY
EASYLINK

BILL MITCHELL

Fred H. Moore SHIP REPORT
Tuesday 7 April 1987
p. 1, 3:03 pm

Posted: Tue Apr 7, 1987 3:58 PM EST Msg: LGIH-2911-3042
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: FRED MOORE REPORT

/MBX
EASYLINK MBX 1879068C001 7APR87 13:30/14:50 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
NPR 4/7/87
L. 09.6N LO. 86.2W WTHR.GOOD R.T.24.0 F.O.1417 F.O.REM.47068.
ON LOCATION.

DAILY SCIENCE REPORT.
REPORT FOR 4/6/87. COMPLETED LINE 50A AND 90 WITH SINGLE ARRAY.
LINES SHORTENED. ONI STATION TAMARINDO OFF THE AIR FOR 6 HOURS,
WORKED ON AIR GUNS. PLEASE SEND FRED MOORE THE PHONE NUMBER OF ONI
TECHNICIAN IN COSTA RICO.

6 TRKS. - REGARDS - JLP

TOOC UQ
FNE
TT
TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1326 APR/07/1987

MMMM

EASYLINK MBX 1880845C001 7APR87 13:35/14:50 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
NPR 4/7/87
L. 09.6N LO. 86.2W WTHR.GOOD R.T.24.0 F.O.1417 F.O.REM.47068.
ON LOCATION.

DAILY SCIENCE REPORT.
REPORT FOR 4/6/87. COMPLETED LINE 50A AND 90 WITH SINGLE ARRAY.
LINES SHORTENED. ONI STATION TAMARINDO OFF THE AIR FOR 6 HOURS,
WORKED ON AIR GUNS. PLEASE SEND FRED MOORE THE PHONE NUMBER OF ONI
TECHNICIAN IN COSTA Y TRKS. - REGARDS - JLP

Fred H. Moore SHIP REPORT
Tuesday 7 April 1987
p. 2, 3:03 pm

TOOC UQ

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1331 APR/07/1987

MMMM

YOUR MAILBOX IS NOW EMPTY
EASYLINK

BILL MITCHELL

SHIP REPORT Wednesday 8 April 1987

Posted: Wed Apr 8, 1987 3:43 PM EST
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: FRED MOORE REPORT

Msg: HGIH-2913-2753

EASYLINK MBX 2193523C001 8APR87 13:40/13:50 EST
VIA: 9102405799

TO: 62961335

TOOC UQ

NPR 4/7/87

L. 09.6N LO. 86.2W WTHR.GOOD R.T.24.0 F.O.1120 F.O.REM.45948.
ON LOCATION.

DAILY SCIENCE REPORT FOR 4/8/87 NPR.

NPR 4/7/87

L. 09.6N

EST 1335 APR/08/1987

MMMM

EASYLINK MBX 2194873C001 8APR87 13:44/13:50 EST
VIA: 9102405799

TO: 62961335

TOOC UQ

NPR 4/8/87

L. 09.6N LO. 86.2W WTHR.GOOD R.T.24.0 F.O.1120 F.O.REM.45948.
ON LOCATION.

DAILY SCIENCE REPORT FOR 4/8/87 NPR.

REPORT FOR 4/7/87. COMPLETED LINES 10 & 60. STATION TAMARINDO TOO WEAK BEYOND SLANT RANGE OF 100KM. RECEIVED STOFFA TELEX OF 072115Z. WE UNDERSTAND THAT THE PORT CAPTAIN OR AGENT (NOT SURE WHICH) IS UPSET BECAUSE WE DID NOT GO IN BEFORE STARTING THE WORK. PLEASE CLARIFY WITH THE AGENT. ALSO PLEASE SEND DAILY TELEX TO RECOPE, ATTENTION ALVARO AGUILAR WITH THE DAILY SCIENCE REPORT. THEY HAVE REQUESTED MORE CONTINUOON ON HOW WM

Y TRKS. - REGARDS JLP

TOOC UQ

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1340 APR/08/1987

MMMM

YOUR MAILBOX IS NOW EMPTY
EASYLINK
BILL MITCHELL

)

REPORT FROM FRED H. MOORE
Thursday, 9 April 87

Posted: Thu Apr 9, 1987 5:14 PM EST
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: FRED MOORE REPORT

Msg: IGIH-2915-5223

L. 09.9N LO. 86.0W WTHR. GOOD R.T. 24.0 F.O. 986 F.O. REM 44962
ON LOCATION.

DAILY SCIENCE REPORT 4/9/87

REPORT FOR 4/8/87. LOST CONTROL OF BIRDS FOR SIX HOURS. SHOT
LINE 70. STARBOARD ARRAY LASTED 18 HOURS, A RECORD.
ONI NAVIGATION REMAIN VERY GOOD, EXCEPT AT ENDS OF SWATHS.
EXPECT EXCELLENT NAVIGATION IN GRIDS.

BILL MITCHELL

REPORT FROM R/V FRED H. MOORE
Monday, April 13, 1987

Posted: Mon Apr 13, 1987 10:18 AM EST
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: FHM SCIENCE UPDATE

Msg: IGIH-2919-2460

SHIPS POSITION 9.7N; 86.1W

SUNDAY SCIENCE MESSAGE 4/12/87

COMPLETED ALL NINE SWATH LINES THIS WEEK, TOTAL LENGTH ABOUT 60 KM. DUE TO CONTINUAL SHRIMP BOAT TRAFFIC ON THE SHELF, THE LANDWARD END OF LINES WERE TERMINATED 15 KM EARLIER THAN PLANNED. USED SINGLE 1065 CI

SOURCE ARRAY THROUGHOUT.

BASIC SEISMIC DATA QUALITY IS GOOD TO EXCELLENT. SHOOTING APPROXIMATELY 48 FOLD. BECAUSE OF THE COMPLEXITY OF THE LAB SYSTEM OFTEN HAD TROUBLE AT THE START OF LINES, WHICH WILL REQUIRE SOME EXTRA BOOKKEEPING DURING PROCESSING. STRONG NORTHWESTERLY SET CREATING FEATHERING OF 500 TO 1000M AT FAR TRACE, TYPICALLY 700M. STARTED THE 3-D GRID THIS WEEK

ARE ABLE TO SHOOT ABOUT 5 LINES PER DAY. ABOUT ON SCHEDULE IF WE DO NOT HAVE ANY BIG PROBLEMS. RATHER BORING GOING OVER THE SAME GROUND EVERY FOUR HOURS. PLOTTER COMBINED WITH ONI NAVIGATION ARE A GREAT TOOL FOR THIS GRID WORK. SHOOTING LINES 110 TO 182 FIRST AT 200M SPACING, THEN A SET OF STRIKE LINES AT 2000M SPACING. STREAMER HAS BEEN FAIRLY STABLE SINCE DEPLOYMENT. STREAMER DEPTH IS BECOMING LESS CONTROLLED BUT STILL 8 TO 10M, BETTER THAN I HAVE EVER SEEN. HAVE TWO SUSPECT DEPTH TRANSDUCERS. HAVE ONLY

ONE DEAD TRACE AND 5 CONSISTANTLY LOW AMPLITUDE TRACES. OTHER PROBLEMS IDENTIFIED DURING QUALITY CONTROL PLOTS HAVE BEEN TRACED AND FIXED IN THE GUS AS THEY OCCUR.

STILL TOWING BOTH AIRGUN ARRAYS, BUT ONLY FIRING ONE. THIS PROCEDURE HAS SAVED US MANY LINES AND HOURS OF DOWN TIME

ONLY 5 SHOTS LOST DURING SWITCH OVER. MEAN LIFE CONTINUES TO BE ONLY 8 TO 12 HOURS. WITH APPROPRIATE PARTS, NOT AVAILABLE ON BOARD, THE MEAN LIFE WILL GO UP TO ABOUT 24 HOURS. HOSE BUNDLES STILL IN PRETTY GOOD SHAPE, DESPITE THEIR BEING PULLED IN AND OUT 1 TO 2 TIMES PER DAY. MOST PROBLEMS ARE RELATED TO HOSE AND FITTING AN 429 CI GUNS, HAMCO REBUILT GUNS, AND WEAR ON PINS, SHACKLES, BARS

AND FLOAT LINES.

ONI NAVIGATION WILL REQUIRE SOME SMOOTHING. WHILE IT IS GENERALLY OF HIGH QUALITY, AT CERTAIN RANGES (PARTICULARLY THE SWATH LINES) AND AT DAY/NIGHT TRANSITIONS THE DATA BECOMES NOISEY. THE BINNING PROGRAM IS SAID TO NOW WORK, UNTIL WE HAVE A CHANCE TO STRIP THE CURRENT LOGGER TAPE, WE ARE NOT ABLE TO SEE HOW WE ARE DOING.

REPORT FROM *R/V MOORE*

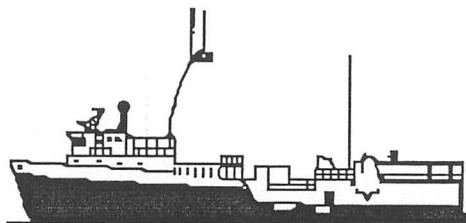
Monday, April 13, 1987

Posted: Mon Apr 13, 1987 4:39 PM EST
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

Msg: DGIH-2920-3137

L. 09.8N LO. 86.0W WTHR. GOOD R.T. 24.0 F.O.992 F.O.REM. 41344
ON LOCATION

DAILY SCIENCE REPORT FOR 4/13/87 NOON REPORT
COMPLETED LINES 134, 136, 172, 170, 168
BILL MITCHELL



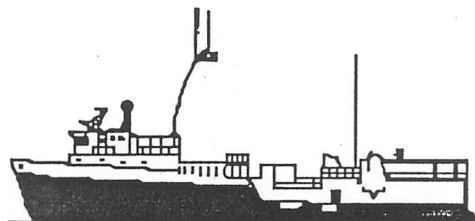
**REPORT FROM R/V FRED H. MOORE
WEDNESDAY, APRIL 15, 1987**

Posted: Wed Apr 15, 1987 9:23 AM EST Msg: NGIH-2923-7454
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

R/V FRED H. MOORE
DAILY SCIENCE REPORT FOR 4/14/87 NOON
REPORT FOR 4/13/87

ONI TAMARINO OUT 3:30 PM LOCAL TIME.
BACK ON AND OK ABOUT 6:30 PM. CONTACTED
IVOR AND ASKED TO CHECK FOR HEAT PROBLEMS.
LOST HALF OF 164 AND ABOUT 6 HOURS TOTAL.
COMPLETED LINES 132, 128, 166, 124, 1/2
OF 164.
BILL MITCHELL

FROM R/V FRED H. MOORE
Wednesday, 15 April 1987



Posted: Wed Apr 15, 1987 4:48 PM EST

Msg: OGIH-2924-8766

From: UTIG.GALVESTON

To: A.MAXWELL, UTIG.AUSTIN

CC: UTIG.GALVESTON

Subj: R/V FRED H. MOORE REPORT

L. 09.6N LO.86.2W WTHR.GOOD R.T. 24.0 F.O. 992 F.O. REM. 39227
N LOCATION

DAILY SCIENCE REPORT FOR 4/15/87 NOON REPORT.

REPORT FOR 4/14/87

COMPLETED LINES 162, 122, 160, 120, 158. LA DUE TO
GUS TAPE DRIVE PROBLEMS. ONI HAD GENERAL SIGNAL PROBLEMS
BEYOND 70 KM SLANT RANGE ON ONE OF 5 LINES. STARTED
HAVING PROBLEMS AT 9:30 PM LOCAL, LASTING TO 11:30 PM.

BILL MITCHELL

MESSAGES & REPORTS FROM THE MOORE

Thursday, 16 April 1987

Posted: Thu Apr 16, 1987 3:54 PM EST
From: UTIG.GALVESTON
To: UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: MESSAGE COPY FROM DR. TOM SHIPLEY TO DR.G. MOORE

Msg: HGIH-2926-7930

EASYLINK MBX 3688294C001 15 APR 16:59/7:50 EST
VIA: 9102405799
TO: 62961335
TOOC UQ
FROM TOM SHIPLEY
TO BILL MITCHELL
PLEASE TELEMAIL TO G. MOORE WITH CC WINDISCH, STOFFA

GREG,
TALKED TO BOTH OUR ONI NAVIGATION TECH WHO USES
BOTH MAXIRAN AND SYLEDIS. HE SAYS THEY ARE
SIMILAR. OUR EXPERIENCE WITH MAXIRAN IS THAT
WITH STATION HEIGHTS OF 90M GET 90KM RANGE,
WITH 300M GET 120KM RANGE. IT LOOKS LIKE
WE WILL BE ON THE EDGE IN NANKAI, UNLESS WE
HEAD FOR THE HILLS. MUST HAVE MINI-RANGER
SYSTEM FOR SHIP TO SHIP SEPARATION SPEEDS.
PREFER DUPLICATE RECEIVERS FOR SYLEDIS ON
BOTH SHIPS.

I THINK WE CAN USE A 1065C1 ARRAY FOR OUR MCS
WORK. NOT IDEAL, BUT PROBABLY BETTER THAN
TRYING TO TRANSFER AT SEA. I THINK CHARLIE
WINDISCH SHOULD GO TO JAPAN, NOT MARK.
MARK HAS TOO MUCH WORK TO COMPLETE ON THE CR3D
NAVIGATION REDUCTION AND MASSCOMP DEVELOPMENT
FOR THE OLD PACIFIC. IF WINDISCH CANNOT GO,
THEN PAUL SAID HE WOULD. FOR LOGGING PURPOSES,
9-TRACK TAPE, ANY FORMAT. SHOULD TRY TO HAVE
NAVIGATION ASYSTEMS ON BOTH SHIPS. ALL
LOGGING ON THE FRED MOORE WILL USE OUR DATA
LOGGER WHICH IS SET UP FOR MINIRANGER AND
SYLEDIS. DON'T NEED REALTIME PRINTOUTS, BUT
NEED THE DIGITAL DATA STREAMS INTO THE LOGGERS.
LAST ITEM. EXACTLY HOW TO CONTROL SHOT TIMES.
WE PLAN TO BUILD A RADIO CONTROL SHOT SYSTEM
FOR THE FRED TO SEND TO THE TANSIEU-MARU. AS
BACK UP WOULD SHOOT ON TIME USING RB STANDARDS
ON TWO SHIPS SYNCHRONIZED TO A GPS TIME. DOES
TAIRA WANT AN AIRGUN TECH OR A ELECTRONICS TECH
ON THE TANSIEU MARU? IT WOULD BE EASIER FOR US
TO PUT ON OUR GUNM NO OTHEST. BUT WILL HAVE MORE
PEOPLE THAN WE NEED.

MOORE BETTER THAN YOU THINK. ASK FOR COPY OF MY
SUNDAY 12 APRIL MESSAGE TO GALVESTON. NO DELAYS.
LAST PART OF YOUR MESSAGE WAS NOT RECEIVED.

REGARDS, TOM
BILL MITCHELL

Posted: Thu Apr 16, 1987 4:41 PM EST
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

Msg: KGIH-2926-9174

NPR 4/16/87
L. 09.8N LO. 86.0W WTHR. GOOD. R.T. 24.0 F.O. 1019 F.O. REM 38208
ON LOCATION.

DAILY SCIENCE REPORT 4/16/87 NOON REPORT
REPORT FOR 4/15/87
COMPLETED LINES 164A, 118A, 156, 154. NO NAVIGATION PROBLEMS.

PLEASE PASS FOLLOWING MESSAGE TO CHARLIE WINDISCH

TO: CHARLIE WINDISCH & ARCHIE ROBERTS
FROM: T. SHIPLEY
SUBJECT: REPLY TO 152054Z

AS INDICATED IN MH 12 APRIL SUNDAY MESSAGE, SOURCE
ARRAY PROBLEMS ARE UNDER CONTRO. WITH SOME PARTS
AND MINOR REFABRICATION OF HANGERS, CLAMPS DIFFERENT
HAMMER LOCKS, AND CHANGES IN THE FLOAT TOWING LINE,
ETC. EXPECT MEAN FAILURE TIME TO BE 12 TO 24 HOURS
PER ARRAY. WITH SIX GUNS, I CONSIDER A 12 TO 24
HOUR FAILURE RATE A GOOD PLATEAU. THE KINDS OF
PROBLEMS WE ARE PRESENTLY HAVING GENERALLY TAKE
AN HOUR TO REPAIR, INCLUDING RETRIEVAL AND
DEPLOYMENT TIME. I FULLY BELIEVE OSCAR AND RYAN
WILL BE ABLE TO MAKE AND BUY THE PARTS NEEDED
BEFORE ARRIVAL IN YOKOHAMA AND INSTALL DURING
PORT CALL.

OSCAR AND RYAN PLAN TO CLEAN UP THE GUNS AS MUCH
AS POSSIBLE IN THE 48 TO 60 HOURS THEY HAVE
AVAILABLE IN TRANSIT AND IN PUNTARENAS. BOTH
SHOULD RETURN TO GALVESTON FROM PUNTARENAS.

IN TERMS OF OTHE PROBLEMS:

1. HYDRAULICS CHECKOUT AND SCHEMATICS - THIS CAN
BE DONE IN HAWAII UNDER ARCHIE'S SUPERVISION.
2. REEL BRAKE. NEEDS TO BE INSTALLED EITHER IN

HAWAII OR JAPAN. SUCH ARCH COME TO PUNTARENAS AND DETERMINE SOLUTION. THIS WOULD GIVE HIM TIME TO DETERMINE WHAT IS NEEDED AND THEN HAVE IT DONE IN HAWAII OR JAPAN.

3. CHAIN SHAFT ADJUSTMENT. AGAIN, THIS IS A PORT PROBLEM. SUGGEST ARCH COME TO PUNTARENAS, DETERMINE WHAT IS NEEDED, AND THEN HAVE IT DONE IN HAWAII OR JAPAN.

4. 3.5 KHZ TRANSDUCERS. WILL CHECK OUT IN PUNTARENAS. NO NEW IDEAS AS YET TO WHAT IS THE PROBLEM. THE 12 KHZ TRANSDUCER IS EXTENDED, CHECK OUT OF TRANSDUCER NOT COMPLETED YET.

I DO NOT THINK THERE IS A REASON FOR ARCH TO RIDE THE SHIP. THERE MAY BE GOOD REASON FOR RYAN TO RIDE FROM HAWAII TO JAPAN TO BEGIN ARRAY UPGRADES AND CATCH UP ON GENERAL MAINTENANCE OF OTHER SCIENTIFIC EQUIPMENT. IF RYAN RIDES THE SHIP IT WOULD BE HELPFUL FOR AN ET, PERHAPS PAUL, TO ALSO COME OUT TO HELP ON THE ARRAYS, AS WELL AS SOME OF THE THINGS WHICH NEED TO BE DONE IN THE LAB.

REGARDS JLP

BILL MITCHELL

SHIP REPORT

FRIDAY, APRIL 17, 1987

Posted: Fri Apr 17, 1987 3:57 PM EST Msg: PGIH-2928-6531
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: NPR 17 APRIL 87

EASYLINK MBX 4097171C001 17APR87 13:21/14:21 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
NPR 4/17/87
L. 09.7N LO. 86.2W WTHR.GOOD R.T.24.0 F.O.1342 F.O.REM.36866
ON LOCATION.

DAILY SCIENCE REPORT FOR 4/17/87 NOON REPORT.
REPORT FOR 4/16/87.
COMPLETED LINES 114, 152, 112, 150, 110. CURRENT 2.5 KTS. FOR
8 HOURS. NAVIGATION O.K.
6 TRKS. - REGARDS JLP

DAILY SCIENCE REPORT FOR 4/17/87 NOON REPORT.
REPORT FOR 4/16/87.
COMPLETED LINES 114, 152, 112, 150, 110. CURRENT 2.5 KTS. FOR
8 HOURS. NAVIGATION O.K.
6 TRKS. - REGARDS JLP

EASYLINK MBX 4102147C001 17APR87 13:45/14:21 EST
VIA: 9102405799

TO: 62961335

Y MOSER AND CHARLES WINDISCH

FROM: TOM SHIPLEY

PLEASE MAKE HOTEL RESERVATIONS FOR THE FOLLOWING PEOPLE. NO
GUARANTEE FOR LATE ARRIVAL IS REQUIRED.

SHIPLEY, GRIFFITHS, DEAN, WIEDERSPAHN, WINKLER, STANDLEY, MARTIN
01 AND 02 MAY GRAN HOTEL, COSTA RICA, CALLE 5, AVE CTL,
TELEX 2131 HOTELRICA, PHONE 214000

SILVER, REED, MISCOVICH
03 MAY GRAN HOTEL COSTA RICA

))
PLEASE NOTE THAT FRIDAY 01 MAY IS COSTA RICA LABOR DAY HOLIDAY.
WE WILL TRY TO UNLOAD THE SCIENTIFIC AIR FREIGHT SHIPMENT ON THE
DAY OF AHURSDAY 30 APRIL. ANY NEWS ABOUT MY LOST BAGS?

6 TRKS. REGARDS - JLP

EASYLINK MBX 4102881C001 17APR87 13:48/14:22 EST
VIA: 9102405799

TO: 62961335

TOOC UQ

TO: KATHY MOSER AND CHARLES WINDISCH

FROM: TOM SHIPLEY

PLEASE MAKE HOTEL RESERVATIONS FOR THE FOLLOWING PEOPLE. NO
GUARANTEE FOR LATE ARRIVAL IS R
SHIPLEY, GRIFFITHS, DEAN, WIEDERSPAHN, WINKLER, STANDLEY, MARTIN
01 AND 02 MAY GRAN HOTEL, COSTA RICA, CALLE 5, AVE CTL,
TELEX 2131 HOTELRICA, PHONE 214000

SILVER, REED, MISCOVICH
03 MAYEL COSTA RICA

PLEASE NOTE THAT FRIDAY 01 MAY IS COSTA RICA LABOR DAY HOLIDAY.
WE WILL TRY TO UNLOAD THE SR FREIGHT SHIPMENT ON THE
DAY OF ARRIVAL, THURSDAY 30 APRIL. ANY NEWS ABOUT MY LOST BAGS?

- JLP

4110695C 17APR87 14:23 EST
PTS

SHIP REPORT

MONDAY, APRIL 20, 1987, AM

Posted: Mon Apr 20, 1987 10:10 AM EST Msg: BGIH-2929-7675
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

NPR 4/18/87

L. 09.8N LO. 86.1W WTHR GOOD. R.T. 24.0 F.O. 1150
F.O. REM. 35716. ON LOCATION.

DAILY SCIENCE REPORT FOR 4/17/87-
COMPLETED LINES 148, 106, 200, 204, 208, 212.
TAMARINDO STATION TOO WEAK TO USE FOR 3 HOURS
THIS MORNING. CONTINUED INTERMITTENT SIGNAL
STRENGTH PROBLEMS WITH THIS STATION.

NPR 4/19/87

L. 09.7N LO.86.1W WTHR GOOD R.T. 24.0 F.O.REM.
35149
ON LOCATION
BT/F.O. FIGURES REFLECT NEW SOUNDINGS.

DAILY SCIENCE REPORT FOR 4/18/87-
"GARBLED" 216, 220, 218, 214, 210, 206,
202,146A. NVAGIATION FINE TODAY.

EASTER SUNDAY SCIENCE MESSAGE 19 APR 87
COMPLETED LAST NIGHT A 7 BY 20 KM GRID
OF 200M SPACED DIP LINES AND A SET OF 2000M SPACED
STRIKE LINES. DATA QUALITY REMAINS GOOD TO
EXCELLENT. ON ABC OF SINGLE CHANNEL STRIP,
OCEANIC BASEMENT IS OBSERVED TO LANDWARD
END OF SOME GRID LINES, ABOUT 4 SEC SUB-
BOTTOM.

EXPECT STACKED DATA TO HAVE FANTASTIC
SIGNAL TO NOISE RATIO. SOURCE CONSISTENT
THROUGHT THE GRID.

STREAMER HAS ONLY SLOWLY DETERIORATED
SINCE DEPLOYMENT 2 WEEKS AGO. NOW HAVE
4 BAD CHANNELS, AND 7 OTHERS WITH LOW
AMPLITUDES. DEPTH STILL WELL CONTROLLED
AT 8.5 TO 12.5M. STILL TOWING BOTH
AIRGUN ARRAYS, FIRING ONE. HOSE BUNDLES

STILL IN GOOD SHAPE, DESPITE BEING PULLED
IN AND OUT TIMES A DAY. MOST REMAINING
PROBLEMS ARE SMALL AND RELATED TO HANGING
HARDWARE WEAR. EXPECT MINOR MODIFICATIONS
BY OSCAR AND RYAN WILL INCREASE ARRAY LIFE
ON FUTURE LEGS.

ONI NAVIGATION REMAINS VERY GOOD, BUT
CONTINUE TO HAVE DROPOUTS OF SEVERAL
HOURS EVERY DAY OR SO, ALMOST ALWAYS
ASSOCIATED WITH THE TAMARINDO STATION.
IT DOES NOT SEEM TO CORRELATE WITH
TIME OF DAY, OR DISTANCE TO STATION.
NOW WORKING ON THE 100M SPACED LINES.
BT
BILL MITCHELL

SHIP REPORT
MONDAY, APRIL 20, 1987, PM

Posted: Mon Apr 20, 1987 3:04 PM EST
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

Msg: NGIH-2930-4561

EASYLINK MBX 4354807C001 20APR87 13:16/13:18 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
NPR 4/20/87
L. 09.6N LO. 86.2W WTHR.GOOD R.T.24.0 F.O.REM.34162
ON LOCATION. BT

DAILY SCIENCE REPORT FOR 4/20/87 NOON REPORT.

REPORTUM
COMPLETED LINES 113, 149, 115.
NAVIGATION FINE TODAY. BT

KS. - REGARDS - JLP

DDO
TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1316 APR/20/1987

BILL MITCHELL

SHIP REPORT
APRIL 21, 1987

Posted: Tue Apr 21, 1987 4:08 PM EST

Msg: HGIH-2932-5800

From: UTIG.GALVESTON

To: A.MAXWELL, UTIG.AUSTIN

CC: UTIG.GALVESTON

Subj: R/V FRED H. MOORE REPORT

L. 09.8N LO.86.0W WTHR.GOOD R.T. 24.0 F.O. 1133 F.O.REM.33029
ON LOCATION.

DAILY SCIENCE REPORT FOR 4/21/87
REPORT FOR 4/20/87.

COMPLETED LINES 151, 117, 153, 119, 155.
NAVIGATION HAD SOME DROP OUTS. STILL
WORKING ON THE BIN PROGRAM.
BILL MITCHELL

))

REPORT FROM THE *MOORE*

Wednesday, April 23, 1987

Posted: Thu Apr 23, 1987 4:10 PM EST Msg: PGIH-2936-7431
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

TOOC UQ
NPR 4/23/87
L. 09.7N LO. 86.1W WTHR.GOOD R.T.24.0 F.O.1127 F.O.REM.30821
ON LOCATION. BT

SCIENCE REPORT FOR 4/22/87.
COMPLETED LINES 175, 139, 141, 177, 143. ALL GOING WELL. BT
PASS ROBERTS/WINDISCH
SCIENCE RESUPPLY ITEMS SUGGESTED FOR SHIPMENT
TO HAWAII IN ORDER TO SAVE FREIGHT COSTS.

ITEM 1. 2 INCH WIDE BULLDOG TAPE. 5 CASES.

ITEM 2. 2 INCH WIDE 20 MIL SCOTCHWRAP TAPE. 25 ROLLS.

ITEM 3. 1-1/2 INCH WIDE SCOTCH 88 TAPE. 100 ROLLS.

ITEM 4. SCOTCHKOTE COATING. 30 PANS.

ITEM 5. 3/8 INCH CM HAMMERLOK 375. CODE 664241. 100 EACH.

ITEM 6. 1/2 INCH CM HAMMERLOCK. 20 EACH.

NOTE: HAMMERLOK BRAND HOLD UP, OTHERS DON'T.

ITEM 7. 1/4 INCH NPT BALL VALVES.
COM-PAT P-306-K-316. 18 EACH.

ITEM 8. A-6 SIZE FLOATS WITH NET BAG. (SAME AS
USED ON BIG GUNS) TO REPLACE SMALLER
ARRAY FLOATS. 9 EACH.

GRIFFITHS
BYE
TOOC UQ

BILL MITCHELL

))
L.O.583.5 ON BT

SCIFOR 4/25/87.

COMPLETED LINES: 127, 171, 125, 181, 109. BT

6 TRKS. REGARDS JLP

TOOC UQ

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1318 APR/26/1987

MMMM

EASYLINK MBX 5649274C001 26APR87 14:24/07:48 EST
VIA: 9102405799

TO: 62961335

TOOC UQ

SUNDAY SCIENCE REPORT 26 APRIL 87

WE HAVE COMPLETEIAL DATA REQUIRED FOR TGING
OF THE ACCRETIONARY WEDGE OFF COSTA RICA. WE ARE RATING
ON EXPANDING THE GRID FROM THE CURRENT 8 KM TO 9 KM WIDTH. ANY
REMAINING TIME WILL BE SPENT ON FILLING BIN HOLES AND A SECOND SET
OF STRIKE LINES TO BRING THE STRIKE LINE SPACING TO 1000M

BINNING WAS COMPLETED , AFTER STRIPPING THE NAVIGATION
FROM THE LOGGER TAPES. WE ARE EVALUATING THW. WITH A
50 X 50 M BIN, WE HAVE COMPLETE COVERAGE AT ABOUT 30 FOLD, 80
PERCENT AT 48 FOLD. UNFORTUNATELY, THE CURRENTM ABOUT
1.5 KNOTS FOR THE 200M LINES TO ABOUT 0.5 KNOTS FOR THE 100M IN

SEISMIC DATA QUALITY HAS BEEN CONSISTENTLY ELLENT
THROUGHOUT THE GRID. WE CONTINUE TO HAVE 6 TO 9 SUSPECT TRACES IN
THE CABLE, FAIRLY EVENLY DISTRIBUTED ALONG THE CABLE. PROBABLY 18 HAS
SOME

NOISE PROBLEMS ASSOCIATED WITH THE PASSAGE OF
LARGE SHIPS ON THE GREAT CIRCLE ROUTE BETWEEN PANAMA AND JAPAN.
EST DATA GAPS ARE 10 TO 25 SHOTS (300 TO 800M), USUALLY
ASSOCIATED WITH TAPE DRIVE MALFUNCTIONS. WE CHOSE NOT TO RESHOOT
THESE GAPS.

THE NAVIGATION REMAINS GOOD, BUTT EDITING WILL BE
REQUIRED. THE COMPASS DATA HAS BEEN PERFECTLY STABLE FOR THE
ENTIRE PROGRAM.

THERE'S NOTHING PARTICULARLY NEW TO REPONEAR TRACE
MONITORS. 95 7,3/03:53 ?3:-7'3 9\$ 5#3 8,:9#343,5 , -5743

9\$ 5#3 43\$)3:589,' -"9:8-53 285# 5#3 -:43589,-46 23&3)6
5#3 43-'9, \$94 5#3 '74=36. HOWEVER, WE ARE CONFIDENT THAT THE
PROCESSING PROGRAM WILL PRODUCE SEISMIC IMAGES OF UNPARALLELED
CLARITY. BT

TRKS.

TOOC UQ

CPVV

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1424 APR/26/1987

MMMM

EASYLINK MBX 5649358C001 26APR87 14:35/07:49 EST
VIA: 9102405799

TO: 62961335

TOOC UQ

NPRNPR 4/26/8.7N LO. 86.1W WTHRGD R.T.24.0 F.O.1187 F.O.R. 27543
L.O.583.5 ON LOCATION. BT

SCIENCE REPORT FOR 4/25/87.

COMPLETED LINES: 127, 171, 125, 181, 109. BT

6 TRKS. REGARDS JLP

TOOC UQ

SUNDAY SCIENY APRIL 8=3 :9.0)353 -)) 3"3,58-) -5- 4317843 \$94 5#3 3-D IMAGING
OF THE ACCRETIONARY WEDGE OFF COSTA RICA. WE ARE NOW CONCENTRATING
ON E GRID FROM THE CURRENT 8 KM TO 9 KM WIDTH. ANY
REMAINING TIME WILL BE SPENT ON FILLING BIN HOLES AND A SECOND SET
OF STRIKE LINES TO BRING THE STRIKE LINE SPACING TO 1000M

BINNING WASTHIS MORNING, AFTER STRIPPING THE NAVIGATION
FROM THE LOGGER TAPES. WE ARE EVALUATING THE RESULTS NOW. WITH A
50 X 50 M BIN, WLETE COVERAGE AT ABOUT 30 FOLD, 80
PERCENT AT 48 FOLD. UNFORTUNATELY, THE CURRENT DROPPED FROGMT KNOTS
FOR THE
200-7975 0.5 KNOTS FOR THE 100M INFILL.

-5- 17-)856 #-' 733, :&99 59 3/(:3))3,5

5#497Ϗ 5#3 &48. WE CONTINUE TO HAVE 6 TO TRACES IN
THE CABLE, FAIRLY EVENLY DISTRIBHE CABLE. PROBABLY 1
LINE IN 8 HAS SOME NOISE PROBLEMS ASSOCIATED WITH THE PASSAGE OF
LARGE SHIPS ON THE GREAT CIRCLE ROUTE BETWEENJAPAN.
THE SIX LARGEST DATA GAPS ARE 10 TO 25 SHOTS (300 TO 800M),USUALLY
ASSOCIATED WITH TAPE DRIVE MALFUNCTIONS. WE CHOSE NOT TO RESHOOT
THESE GAPS.

THE NAVIGA GOOD, BUT SIGNIFICANT EDITING WILL BE
REQUIRED. THE COMPASS DATA HAS BEEN PERFECTLY STABLE FOR THE

ENTIRE PROGRAM.

THERE' -458:7)-4)645 \$49. 5#3 ,3-4 54-:3
OF THE REFLECTIONS ASSOCIATED WITH THE ACCRETIONARY WEDGE, PRECISEON
FOR THE
SURVEY. HOWEVER, WE ARE CONFIDENT THAT THE
PROCESSING PROGRAM WILL PRODUCE SEISMIC IMAGES OF UNPARALLELED
CLARITY. BT

TOOC UQ
V

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1435 APR/26/1987

MMMM

EASYLINK MBX 5653729C001 26APR87 17:34/07:51 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
RE: FISHINJET'.

BILL:
)3&3)6 '3=+/,+#1,(#8,& ?9-5)9,&)8,3, AT A
COST OF APPROX. \$650.00 TO THE FISHING V APPARENT DAMAGE TO MOORE.
ANTICIPATE
NEGOTIATING WITH OWNER,
ARRIVAL PUNTARENAS.
6 TRKS. REGARDS JL

TOOC UQ

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1734 APR/26/1987

MMMM

YOUR MAILBOX IS NOW EMPTY
EASYLINK

5705938C 27APR87 07:51 EST
PTS

Action?

Weekend Ship Reports

FRED H. MOORE

Monday, April 27, 1987

Posted: Mon Apr 27, 1987 10:03 AM EDT Msg: JGIH-2940-5002
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

/MBX
EASYLINK MBX 5631938C001 25APR87 13:41/07:47 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
NPR 4/25/87

L. 09.8N TGNMFIYMQW WTHR.GOOD RT.24.0 F.O.1093 F.O.R. 28730
L.O.586.5 ON LOCATION. BT

SCIENCE REPORT FOR 4/24/87.
COMPLETED LINES: 163, 133, 165, 131, 129, 169. BT

PLEASE ADVISE NOAA ATLANTIC MARINE CENTER, SEAS 111 TRANSMITTER
IS INOPERATIVE. THIS UNIT WAS CHANGED 3 TIMES PRIOR SAILING.

6TRKS. REGARDS JLP

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1340 APR/25/1987

MMMM

EASYLINK MBX 5648508C001 26APR87 13:18/07:48 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
NPR 4/26/87

L. 057N LO. 86.1W WTHR.GOOD R\$.O.1187 F.O.R. 27543

**SHIP REPORT
TUESDAY, APRIL 28, 1987**

Posted: Tue Apr 28, 1987 2:45 PM EDT Msg: OGIH-2943-3194
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

NPR 4/27/87
L. 09.6N LO.86.0W WTHR.GOOD R.T.24.0 F.O. 985 F.O.R.26558
LO.581.0 ON LOCATION.

SCIENCE REPORT FOR 4/26/87
COMPLETED 107, PART 105, 108. SEVERAL LINES ABORTED TODAY
TRYING TO KEEP AWAY FROM SMALL FISHING BOATS.

BILL MITCHELL

Good news from

R/V Fred H. Moore

Wednesday, April 29, 1987

Posted: Wed Apr 29, 1987 2:40 PM EDT Msg: JGIH-2945-3091
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

LAST SCIENCE REPORT FOR FM35-02

COMPLETED DIP LINES FOR 102 THRU 189. COMPLETED 11
STRIKE LINES. RECOMER. SO ENDS THE FIRST LEG OF
WHAT PROMISES TO BE A HIGHLY SUCCESSFUL PACIFIC
TOUR. ALL CONGRATULATED FOR A FINE JOB R/V
FRED MOORE OUTFITTED AND FOR ITS SMOOTH OPERATION
AT SEA. WE HAVE THE MCS ACQUISITION SHIP TO BEAT.

A NOTE TO KATHY MOSER: TOM SHIPLEY
S CHANGED SCHEDULE TRANSMITTED TO HIM ABOARD
MOORE.

BILL MITCHELL

Puntarenas, here we come!

FRED MOORE SHIP REPORT

Thursday, April 30, 1987

Posted: Thu Apr 30, 1987 2:32 PM EDT
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

Msg: MGIH-2947-3795

4/29/87

STREAMER ABOARD 1500 TODAY. POSITION L.09.4N LO.86.3W.
ETA PUNTARENAS 0600 30TH.

BILL MITCHELL

Report from the *FRED H. MOORE*

Tuesday, May 5, 1987

Posted: Tue May 5, 1987 4:16 PM EDT
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

Msg: LGIH-2954-2856

NPR 5/05/87

L.11.9N LO.92.3W WTHR.MOD.R.T.24-00 SPD.10.62 DIST.255
DIST.REM.3784 L.O.340 F.O.1550 F.O.REM.50125 E.T.A.1200-21ST

BILL MITCHELL

Daily Report from
FRED H. MOORE

Posted: Wed May 6, 1987 4:08 PM EDT
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

Msg: HGIH-2956-2465

NPR 5/05/87

L. 11.9N LO. 92.3W WTHR.MOD. R.T.24-00 SPD.10.62 DIST.255
DIST.REM.3784 L.O.340 F.O.1550 F.O.REM.50125 E.T.A. 1200-21ST

6 TRKS. REGARDS JLP

EASYLINK MBX 7853199C001 6MAY87 13:08/14:44 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
U

L. 12.9N LO. .MOD. R.T.24-00 DIST.235
DIST.RE.O.338 F.O.1610 F.O.R. 48515 ETA 1200 21ST

6REGARDS JLP

BILL MITCHELL

Daily Report

Fred H. Moore

May 7 and 8, 1987

Posted: Thu May 7, 1987 5:20 PM EDT Msg: HGIH-2958-4033
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE

EASYLINK MBX 8154423C001 7MAY87 14:24/16:04 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
U

L. 14.0N LO.100.0W WTHR.MOD. R.T.25-00 SPD. 9.6 DIST. 240
DIST.REM. 3309 L.O.324 F.O.1610 F.O.R.46905 ETA 1200 21ST

6 TRKS. REGARDS JLP

BILL MITCHELL

Posted: Fri May 8, 1987 4:04 PM EDT Msg: GGIH-2960-2353
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

L. 15.1N LO.104.0W WTHR.MOD. R.T.24-00 SPD.10.1 DIST. 243
DIST.REM. 3066 L.O.297 F.O.1610 F.O.R.45295 ETA 1200 21ST

6 TRKS.)0

BILL MITCHELL

FRED H. MOORE

Weekend Reports

May 8, 9, & 10, 1987

Posted: Mon May 11, 1987 3:08 PM EDT Msg: OGIH-2962-5153
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

NPR 5/08/87
L. 15.1N LO.104.0W WTHR.MOD. R.T.24-00 SPD.
EST 1413 MAY/09/1987

NPR 5/09/87
L. 16.0N LO.107.9W WTHR.T.24-00 SPD.9.83 DIST. 236
DIST.REM. 2830 F.O.1680 F.O.R.43615 ETA 1200 21ST

NPR 5/09/87
L. 16.0N LO.107.9W WTHR.MOD. R.T.24-00 SPD.9.83 DIST. 236
DIST.REM. 2830 L.O.286 F.O.168R.43615 ETA 1200 21ST

NPR 5/10/87
L. 17.0N LO.111.9W WTHR.MOD. R.T.24-00 DIST. 242
DIST.REM. 2588 L.O.284 F.O.1575 F.O.R.42040 ETA 1200 21ST

NPR 5/10/87
L. 17.0N LO.111.9W WTHR.MOD. R.T.24-00 SPD.10.08 DIST.242

NPR 5/10/87
L. 17.0N LO.111.9W STHR.MOD. R.T.24-00 DIST. 242
DIST. REM. 2588 L.O.284 F.O. 1575 F.OR.42040 ETA 1200 21ST

BILL MITCHELL

FRED H. MOORE DAILY REPORTS

Posted: Tue May 12, 1987 4:39 PM EDT Msg: OGIH-2965-2184
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

NPR 5/11/8.9N LO.116.2W WTHR.MOD. R.T.25-00 SPD.10.04 DIST. 251
DIST.REM. 2337 F.O.1600 F.O.R.40440 ETA 1200 21ST

NPR 5/11/8.9N LO.116.2W WTHR.MOD. R.T.25-00 SPD.10.04 DIST. 251
DIST.REM. 2337 F.O.1600 F.O.R.40440 ETA 1200 21ST

BILL MITCHELL

Posted: Tue May 12, 1987 4:40 PM EDT Msg: BGIH-2965-2205
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

/MBX
EASYLINK MBX 9160065C001 12MAY87 15:28/15:34 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
NPR 5/12/87

L. 1820.5W WTHR.MOD. R.T.24-00 SPD.10.38 DIST. 2443.. 2088 L.O.270 F.O.1657
F.O.R.38783 ETA 1200 21ST

REGARDS JLP

TOOC UQ

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1528 MAY/12/1987

MMMM

YOUR MAILBOX IS NOW EMPTY
EASYLINK
BILL MITCHE4LL

FRED MOORE DAILY REPORTS

Posted: Wed May 13, 1987 5:06 PM EDT Msg: PGIH-2967-3889
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

/MBX
EASYLINK MBX 9170619C001 12MAY87 15:48/15:28 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
NPR 5/12/8.7N LO.120.5W WTHR.MOD. R.T.24-00 SPD.10.38 DIST. 2443.. 2088
L.O.270 F.O.1657 F.O.R.38783 ETA 1200 21ST

6 TRKS. REGARDS JLP

TOOC UQ

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1548 MAY/12/1987

EASYLINK MBX 9438676C001 13MAY87 15:27/15:28 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
NPR 5/1-/87

L. 19.5N LO.124.6W WTHR.T.24-00 SPD.10.08 DIST. 242
DIST.REM. 1846 L.O.253 3 F.O.R.37230 ETA 1200 21ST

6 TRKS. H
KNH JLP

TOOC UQ

T

TO REPLY FROM TELEX I OR II (TWX) DIAL 100 FROM EASYLINK USE /WUW.
EST 1526 MAY/13/1987

YOUR MAILBOX IS NOW EMPTY
EASYLI
BILL MITCHELL

FRED MOORE DAILY REPORTS

Posted: Thu May 14, 1987 4:41 PM EDT Msg: CGIH-2969-3404
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPORT

/MBX
EASYLINK MBX 9439694C001 13MAY87 15:29/08:07 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
NPR 5/13/87

L. 1924.6W WTHR.MOD. R.T.24-00 SPD.10.08 DIST. 242

6 TRKS. REGARDS J
BILL MITCHELL

Action?

Posted: Thu May 14, 1987 4:42 PM EDT Msg: IGIH-2969-3427
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: R/V FRED H. MOORE REPOR

EASYLINK MBX 9677200C001 14MAY87 15:17/15:22 EST
VIA: 9102405799

TO: 62961335

TOOC UQ
NPR 5/14/87

L. 20.0N LO.129.0W WTHR.MOD. R.T.24-00 SPD.10.38 DIST. 249
DIST.REM. 1604 L.O.230 0 F.O.R.35720 ETA 0800 21ST

6 TRKS. REGARDS JLP

BILL MITCHELL

FRED H. MOORE

Daily Report

May 19, 1987

Posted: Tue May 19, 1987 9:21 AM EDT

Msg: QGIH-2974-4533

From: UTIG.GALVESTON

To: A.MAXWELL, UTIG.AUSTIN

CC: UTIG.GALVESTON

Subj: R/V FRED H. MOORE REPORT

EASYLINK MBX 0418519C001 18MAY87 17:18/08:13 EST

VIA: 9102405799

TO: 62961335

TOOC UQ

NPR 5/18/87

L. 21.5N LO.146.5W WTHR.MOD. R.T.25-00 SPD.9.80 DIST. 245

DIST.REM. 617 L.O.190 F.O.1620 F.O.R.29280 ETA 0700 21ST

6 TRKS. REGARDS JLP

EASYLINK MBX 0420600C001 18MAY87 17:28/08:13 EST

VIA: 9102405799

TO: 62961335

TOOC UQ

NPR 5/18/87

L. 2146.5W WTHR.MOD. R.T.25-00 DIST. 245

DIST.REM. 617 L.O.190 F.O.1620 F.O.R.29280 ETA 0700 21ST

6 TRKS. REGARDS JLP

BILL MITCHELL

DAILY REPORT

R/V Fred H. Moore

Wednesday, 20 May 1987

Posted: Wed May 20, 1987 9:12 AM EDT

Msg: DGIH-2976-4507

From: UTIG.GALVESTON

To: A.MAXWELL, UTIG.AUSTIN

CC: UTIG.GALVESTON

Subj: R/V FRED H. MOORE REPORT

EASYLINK MBX 0752051C001 19MAY87 17:27/08:04 EST

VIA: 9102405799

TO: 62961335

TOOC UQ

NPR 5/19/87

L. 21.5N LO.150.8W WTHR.MOD. R.T.24-00 SPD.10.08 DIST. 242

DIST.REM. 375 L.O.166 F.O.1650 F.O.R.27630 ETA 0800 .

6 TRKS. REG

EASYLINK MBX 0758788C001 19MAY87 17:58/08:04 EST

VIA: 9102405799

TO: 62961335

TOOC UQ

NPR 5/19/87

L. 21.5N LO.150.8W WTHR.MOD. R.T.24-00 SPD.10.08 DIST. 242

DIST.REM. 375 L.O.166 F.O.1650 F.O.R.27630 21ST

DOCKRKS. REGARDS JLP

TOOC UQ

BILL MITCHELL

FRED H. MOORE

DAILY REPORTS 5/24/87 & 5/25/87

Posted: Tue May 26, 1987 5:29 PM EDT
From: UTIG.GALVESTON
To: A.MAXWELL, UTIG.AUSTIN
CC: UTIG.GALVESTON
Subj: `R/V FRED H. MOORE

Msg: PGIH-2984-4841

NPR 5/24/87

L. 21.7N L0. 161.2W WTHR.RGH. R.T. 18-00 SPD 10.61 DIST. R. 3286
L.0.905 F.O. 54,712
DEPARTED HONOLULU SEABUOY 1800 5/23/87
ETA YOKOHAMA SEABUOY 1600 5/23/87

NPR 5/25/87

L. 22.3N L.160W WTHR. RGH. R.T. 24-00 DIST. 245 SPD. 9.80
DIST. R. 3041 L.O. 888 F.O. 1570 F.O.R. 53142

ETA YOKOHAMA SEABUOY 1600 6/8/87

JLP
BILL MITCHELL

Action?