

339093

Chambers

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RTTEZYUW RUWTAUA0057 2392017-EEEE--RUWIDEA.

ZRY EEEEE

R 202017Z AUG 68

FM USAEC R G STONE WASHDC

TO RUWTHRB/USAEC H C DONNELLY ALBUQ NMEX

RUWIDEA/LASL N E BRADBURY LOS ALAMOS NMEX

RUWTHWL/LRL M M MAY LIVERMORE CALIF

RUWTHRA/SC J A HORNBECK ALBUQ NMEX

AEC

BT

**ENCODED FOR
TRANSMISSION ONLY**

UNCLAS E F T O / [REDACTED] /

TRANSMITTED HERewith IS THE TEXT OF A TELETYPE FM THULE AB,
GREENLAND, TO AIR DEFENSE COMMAND, DTG 212202Z AUGUST 1968,
CRESTED ICE REPORT NBR 21.

QUOTE UNCLAS EFTO [REDACTED] 4683CCR.

1. THIS IS CRESTED ICE REPORT NBR 21, 21 AUG 68, OCEAN
BOTTOM SURVEY.
2. GOOD WEATHER CONTINUED UNTIL FOG MOVED INTO THE SUR-
VEY AREA AT 0245 HOURS 21 AUG 68. THE MANIPULATOR HAS
BEEN REMOVED FROM STAR III AND SHE WAS LAUNCHED ACCORD-
ING TO LAST REPORTED PLAN AT 1700 HOURS ON 20 AUG, WITH-
OUT THE MANIPULATOR. SHE BEGAN DIVE NBR 5 AT 2125 HOURS.

W J Maraman
Wright Langham
Infkoy/Hegnew
D R Smith
N P Armentis
J C Kinkew
W H Chambers

8/26/

[REDACTED]
PAGE 2 RUWTAUA0057 UNCLAS E F T O / [REDACTED]

VISIBILITY ON THE BOTTOM WAS GOOD. THE MODIFIED TETHER SURVEY METHOD OF SEARCH WORKED EFFECTIVELY FOR CIRCLES ABOUT THE DATUM POINT AT 15 FOOT INTERVALS. THE 35MM CAMERA MALFUNCTIONED AGAIN BUT VIDEO TAPE COVERAGE OF FAIR GUS FOR A RADIUS OF 120 FEET OUT FROM DATUM POINT. VISUAL OBSERVATION BY MAJOR ROE WAS EXCELLENT. FOR EXAMPLE, A CROW BAR STICKING UP AT AN ANGLE ON THE BOTTOM WAS OBSERVED AND IDENTIFIED ON THE FIRST PASS NEAR IT AND RECOGNIZED AGAIN ON THE NEXT PASS. AT A POINT 120 FEET FROM DATUM POINT OUR FAMILIAR "A" FRAME, WHICH STOOD AT CENTER OF THE IMPACT AREA ON THE ICE, WAS FOUND WHEN TETHER LINE BECAME ENTANGLED WITH IT. UNFORTUNATELY IT MAKES TETHERED CIRCLING BEYOND THE 120 FOOT LINE IMPOSSIBLE AND ITS EXISTANCE PLUS FOG FORMATION FORCED CURTAILMENT OF THE DIVE. THE "A" FRAME WILL HAVE TO BE MOVED OUTSIDE OF THE 100 YARD RADIUS AREA. THIS CAN BE DONE BY STAR III EVEN WITHOUT MANIPULATOR BY LOOPING A LINE FROM A BOAT ON THE SURFANCE AROUND IT AND THEN HAVING THE BOAT DRAG IT AWAY.

[REDACTED]

[REDACTED]

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3. RESULTS OF MISSION NBR 5 LAST NIGHT WERE DISAPPOINTING DUE TO 35MM CAMERA FAILURE BUT THE PROVING OUT OF THE TETHER NAVIGATION SYSTEM AND THE FACT THAT IF WE HADN'T HAD TO CURTAIL THE MISSION DUE TO THE "A" FRAME, WE COULD HAVE COVERED A CONSIDERABLY LARGER AREA; MAKE FUTURE LOOK BRIGHTER. ALSO, HITHERTO UNDISCOVERED ELECTRONIC FAULT IN CAMERA FOUND THIS AFTERNOON MAY BE REASON FOR REPEATED 35MM FAILURES. HOWEVER, VIDEO PICTURES ARE MUCH BETTER THIS TIME AND SUBSTANTIATE MAJOR ROE'S EYEBALL REPORT OF SEEING A CONSIDERABLE QUANTITY OF AIRPLANE PIECES, SOME OF WHICH APPEARED TO BE QUITE LARGE AS FAR OUT AS THE 120 FOOT CIRCLE. IF WE HAVE NOW FOUND THE REAL PROBLEM WITH THE 35MM CAMERA, WE WILL GO BACK OVER THE 120 FOOT CIRCLE TAKING PICTURES AS WE GO. 8/5J

4. STAR III IS SCHEDULED TO DIVE TONIGHT LEAVING DOCK AT 2030. MISSION WILL BE TO REMOVE THE "A" FRAME FROM THE AREA AND THEN STARTING AT DATUM POINT AGAIN WITH A GOOD 35MM CAMERA, WE HOPE, SURVEY THE 120 FOOT AREA AGAIN AND THEN EXTEND COVERAGE OUT AS FAR AS MISSION TIME WILL ALLOW. THE MANIPULATOR IS TILL OUT AWAITING PARTS.

[REDACTED]

[REDACTED]

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5. DANISH SURVEY CONTINUES. DR. VISE HAS ASKED IF WE HAVE ANY PICTURES OF THE BOTTOM, HOW DEEP IS IT, HAVE ANY PIECES OF AIRCRAFT BEEN FOUND, AND MIGHT THEY POSSIBLY HANG UP ON PIECES IF THEY RAN THEIR SMALL DRAG NETS THROUGH THE AREA. OUR ANSWER WAS AFFIRMATIVE TO ALL EXCEPT THAT HE HAS TOLD THAT OUR PICTURES WERE NOT GOOD YET. I GOT IMPRESSION THAT HE IS INTERESTED IN BOTTOM SAMPLES AND CONSIDERS SNAGGING ON AIRCRAFT PARTS A HAZARD TO SAMPLE GATHERING RATHER THAN A MEANS OF GETTING AIRCRAFT PIECES. I TOLD HIM THAT WE WOULD PROVIDE PHOTOS SHOWING ECOLOGY AND AIRCRAFT WRECKAGE AT THE BOTTOM WHEN WE COULD GET SUITABLE PRINTS.

6. MAJOR JOHN C. TASCHNER, HEALTH PHYSICIST FROM RADIOLOGICAL HEALTH LAB AT WRIGHT-PATTERSON AFB HAS ARRIVED TO REPLACE CAPTAIN W. B. MOYER.

7. LAST NIGHTS FOG CLEARED THIS MORNING BUT FOG IS AGAIN FORECASTED FOR EARLY TOMORROW, LIKE 0200 HOURS. WEATHER OTHERWISE CONTINUES GOOD WITH 28-40 DEG F TEMPERATURES AND LIGHT WINDS. NO CHANGE IN PARAGRAPHS 3, 4, AND 5 OF REPORT NBR 19.

BT

[REDACTED]