

LOG # RF72

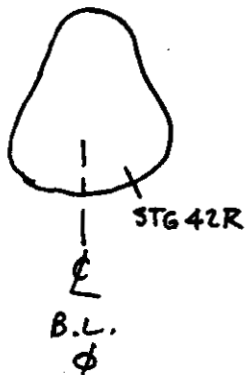
10-23-96

TARGET # YELLOW (?) 1

COORD: LAT _____
LONG _____

B. HOCKING TAG# B2064
BOEING
9/8/96

DEBRIS FIELD _____



SKIN SEGMENT FROM RIGHT SIDE OF LWR FWD
EQUIPMENT ACCESS DOOR, STA 400 TO 433.5,
S-42½R TO B.L. Ø

SKIN:

- 1) SEGMENT IS CONSIDERABLY DEFORMED AND TORN. DEFORMATION AND TEARS GIVE THE SEGMENT A "SPIRAL"-ING APPEARANCE.

STRINGERS:

AND 47R

- 1) STRINGERS 43R AND 46R ARE MISSING.
- 2) STRINGER 44R (OUTER CHORD OF DOOR FRAMING, LOAD REDISTRIBUTION BEAM) REMAINS ATTACHED FROM STA 400 TO 420.
- 3) STRINGER 45R, IN TWO PIECES, REMAINS ATTACHED FROM STAN 409 TO STAN 420 AND FROM STAN 420 TO STAN 433.5
- 4) BOTH STRINGERS 44R AND 45R ARE CONSIDERABLY DAMAGED. S-44R IS BENT AND BROKEN AT LOCATIONS ALONG ITS LENGTH. S-45R, BESIDES BEING BROKEN IN TWO, IS CRUSHED SO THAT ITS ZEE-SHAPE IS UNRECOGNIZABLE.

FRAMING BEAMS:

- 1) THE FRAMING BEAM AT S-44R IS MISSING EXCEPT FOR ITS OUTER CHORD. THE FRAME WEB HAS BEEN DETACHED BY SHEARING OF FASTENERS EXCEPT A FOUR HI-LOK LOCATIONS WHERE THE WEB SEPARATED BY BEARING/SHEAR.
- 2) THE FRAMING BEAM AT B.L. Ø EXTENDS ONLY FROM STA 400 TO STAN 433.5; THE AFT ~7 INCHES IS PARTIALLY MISSING. THE BEAM IS GROSSLY DEFORMED (ie, BENT, TORN, AND TORQUED). THE INBOARD CHORD IS BROKEN AT ONE LOCATION BUT REMAINS ATTACHED TO THE BEAM WEB ALONG ITS LENGTH. THE OUTBOARD CHORD IS CONSIDERABLY DAMAGED - BENT AND BROKEN

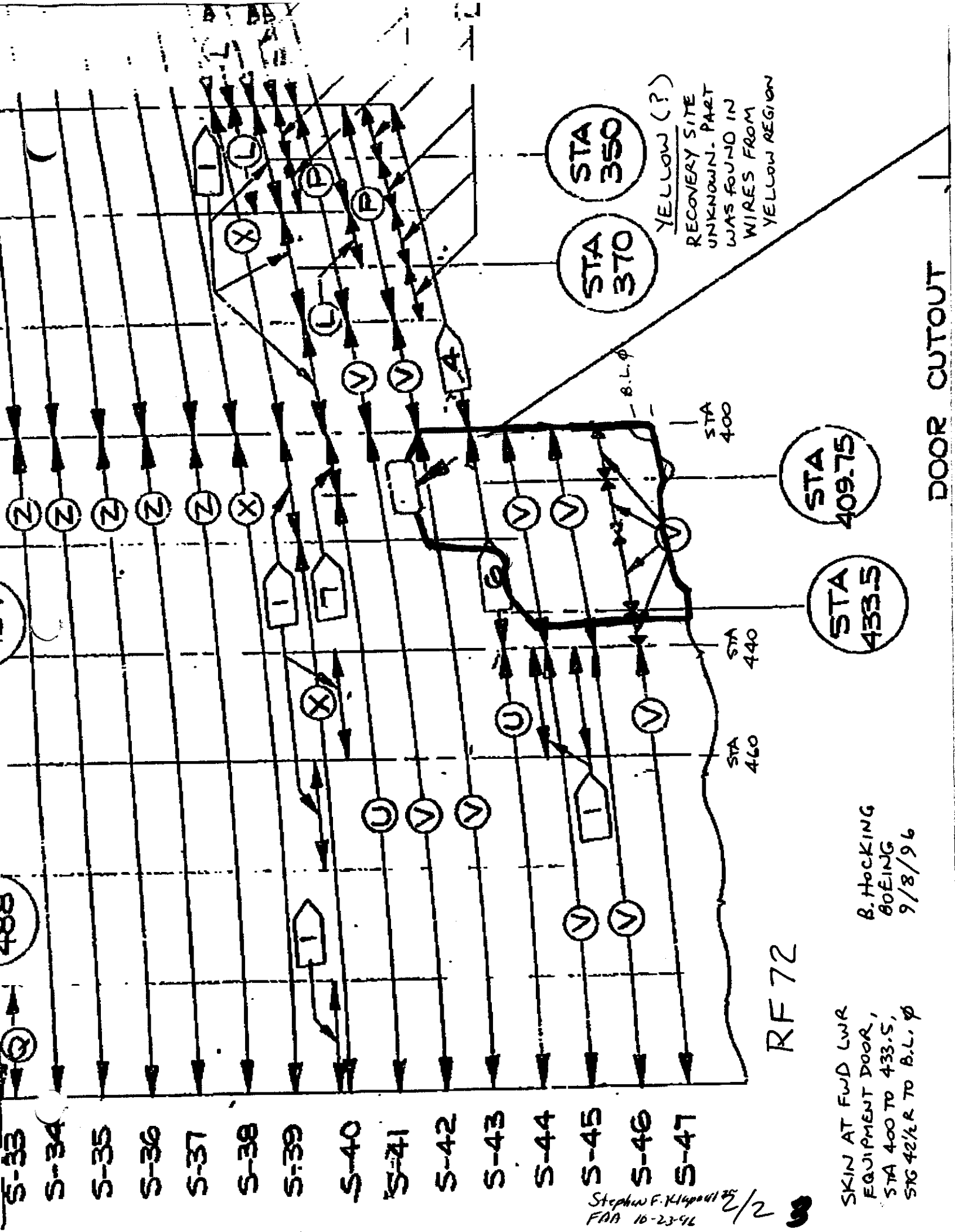
OTHER ITEMS:

- 1) THE SEGMENT APPEARS TO BE LIGHTLY TO MODERATELY SOOTED, MOSTLY ON THE INBOARD SURFACE AND PARTICULARLY AT THE B.L. Ø FRAMING BEAM.
- 2) FRACTURE SURFACES APPEAR TO BE DUCTILE FAILURE.

1 PART WAS FOUND IN WIRES RETRIEVED FROM YELLOW REGION.
NO OTHER CLASSIFICATION MARKINGS ON PART.

Dennis Hartig
JAM 10/24/96

Stephen F. Klappach JR. 1/2
FAB - 10-23-96



S-33
S-34
S-35
S-36
S-37
S-38
S-39
S-40
S-41
S-42
S-43
S-44
S-45
S-46
S-47

STA 350
STA 370

YELLOW (?)
RECOVERY SITE
UNKNOWN. PART
WAS FOUND IN
WIRES FROM
YELLOW REGION

STA 409.75
STA 433.5

STA 400
STA 440
STA 460

DOOR CUTOUT

RF 72

B. HOCKING
BOEING
9/8/96

SKIN AT FWD LWR
EQUIPMENT DOOR,
STA 400 TO 433.5,
STG 42 1/2 R TO B.L. φ

Stephen F. Klapoet 2/2
FAB 10-23-96