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29 9 BUREAU OF SHIPS GROUP
TECHNICAL INSPECTION REPORT

Classification ()
By Authority of JOINT CHIEFS OF STAFF JCS-1705/56 DATED 15 APRIL 1949
By John H. Deyelle 24 SEP 1963

6 OPERATION CROSSROADS.
U.S.S. NEVADA (BB 36)

TEST ABLE

VOLUME 2

U. S. GOVERNMENT PRINTING OFFICE: 1947
FROM DDC. 011
State Control Agency
Washington, D. C. 20501

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OPERATION CROSSROADS

DIRECTOR OF SHIP MATERIAL
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GROUP 3
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TECHNICAL INSPECTION REPORT

U. S. GOVERNMENT
FROM DDC. OFFICE

Support Agency
Washington, D. C. 20301

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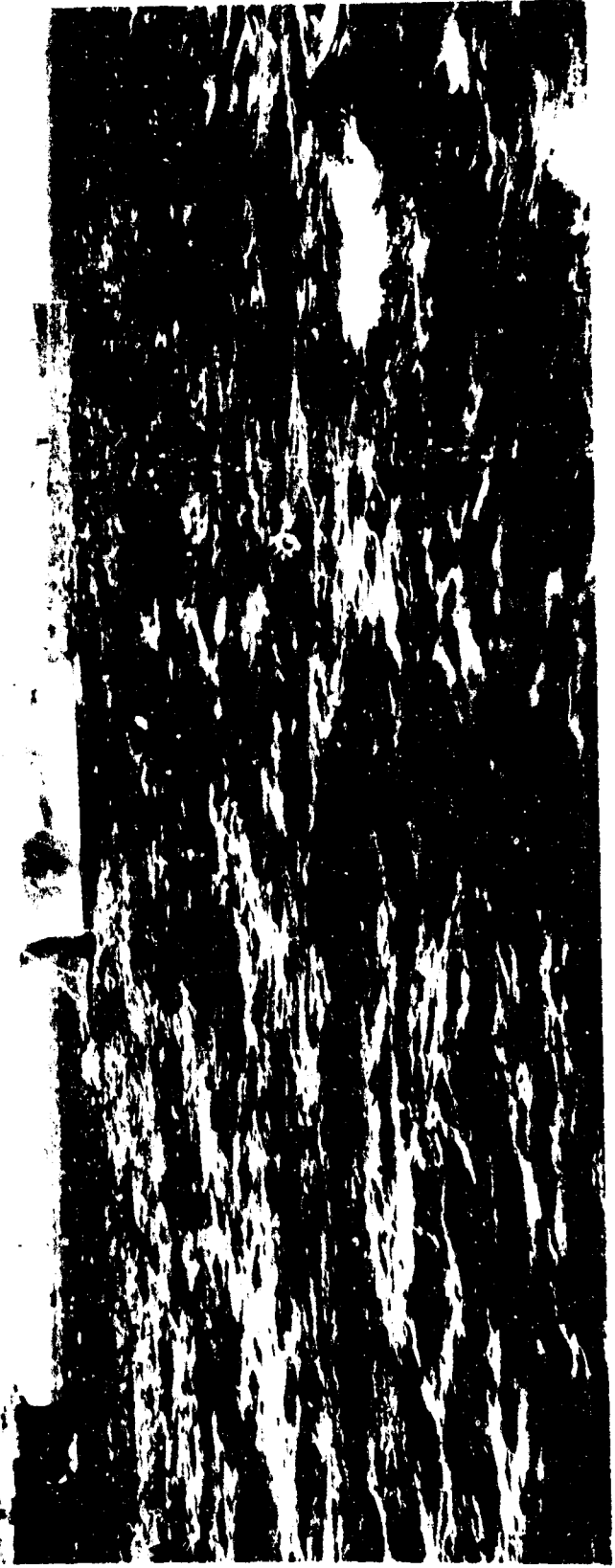
USS NEVADA (BB36)

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GROUP 3
Downgraded at 12 year intervals
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BA-CR-196-151-11. View from slightly off port bow before Test A.

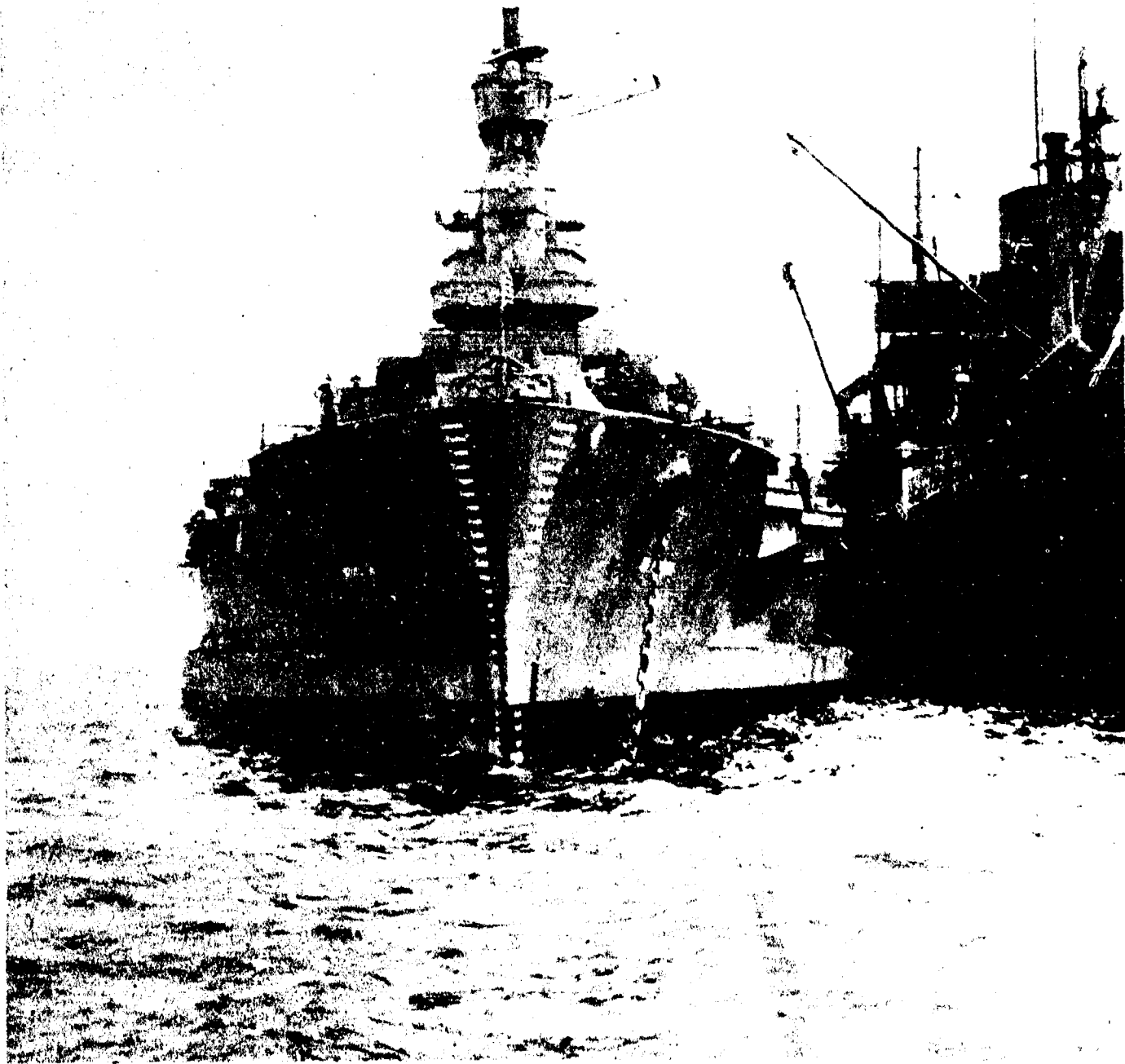
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AA-CR-227-50-122. View from dead ahead after Test A.

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BA-CR-196-151-10. View from off port bow before Test A.

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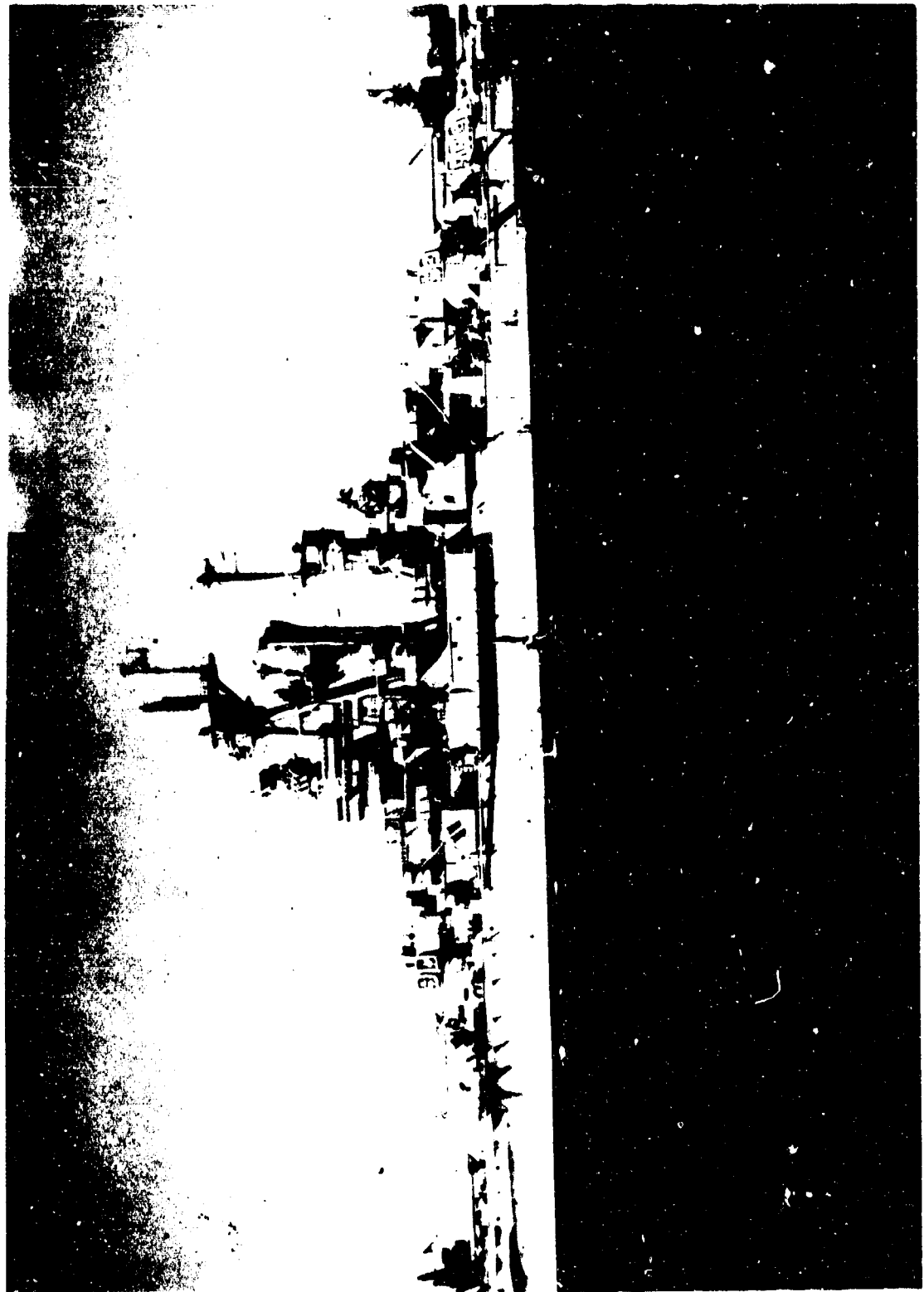
AA-CR-227-91-75. View from off port bow after Test A.

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BA-CR-196-151-15. View from off port beam before Test A.

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AA-CR-227-91-74. View from off port beam after Test A.

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BA-CR-196-151-9. View from off port quarter before Test A.

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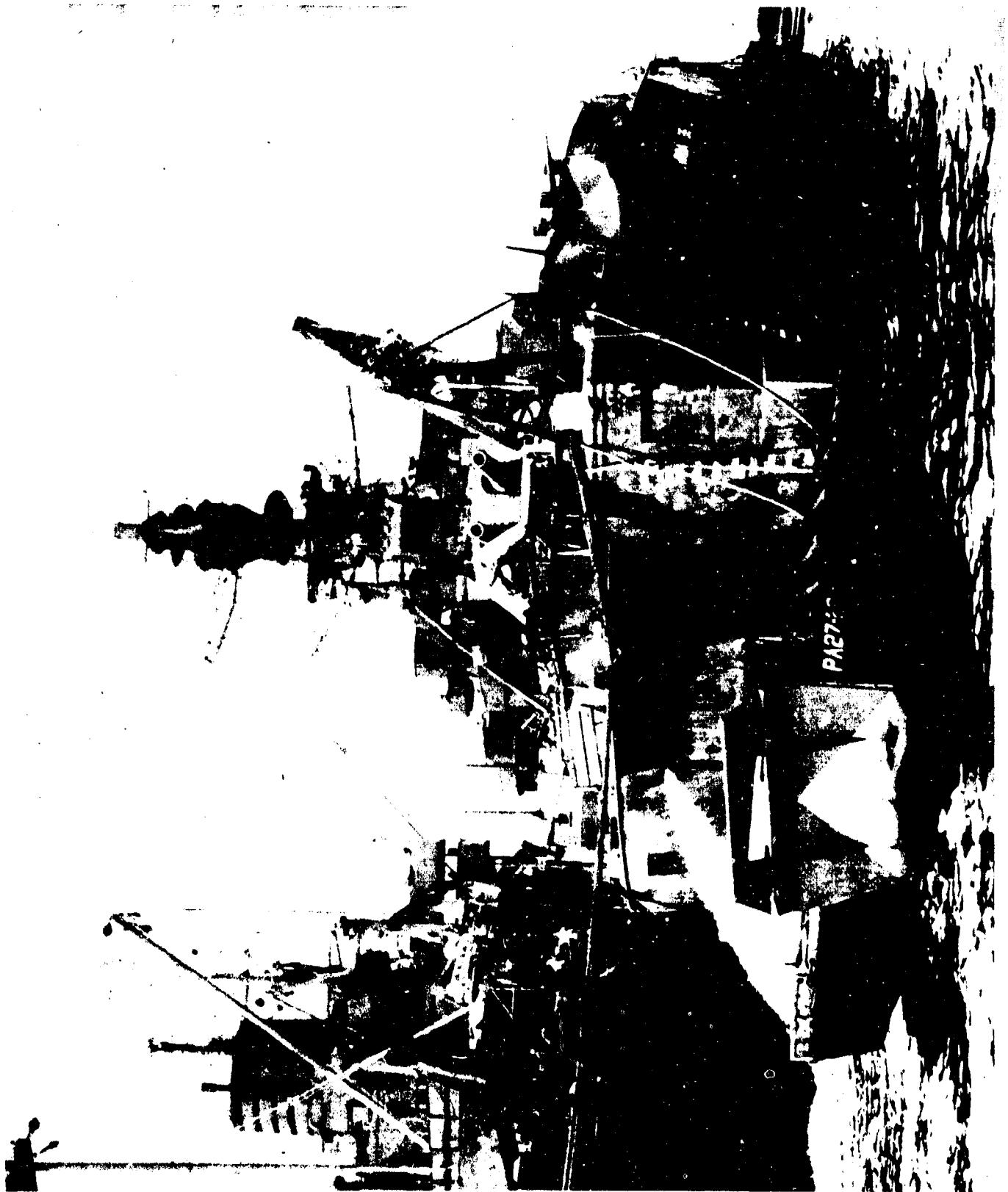
AA-CR-227-91-73. View from off port quarter after Test A.

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AA-CR-227-50-118. View from stern after Test A.

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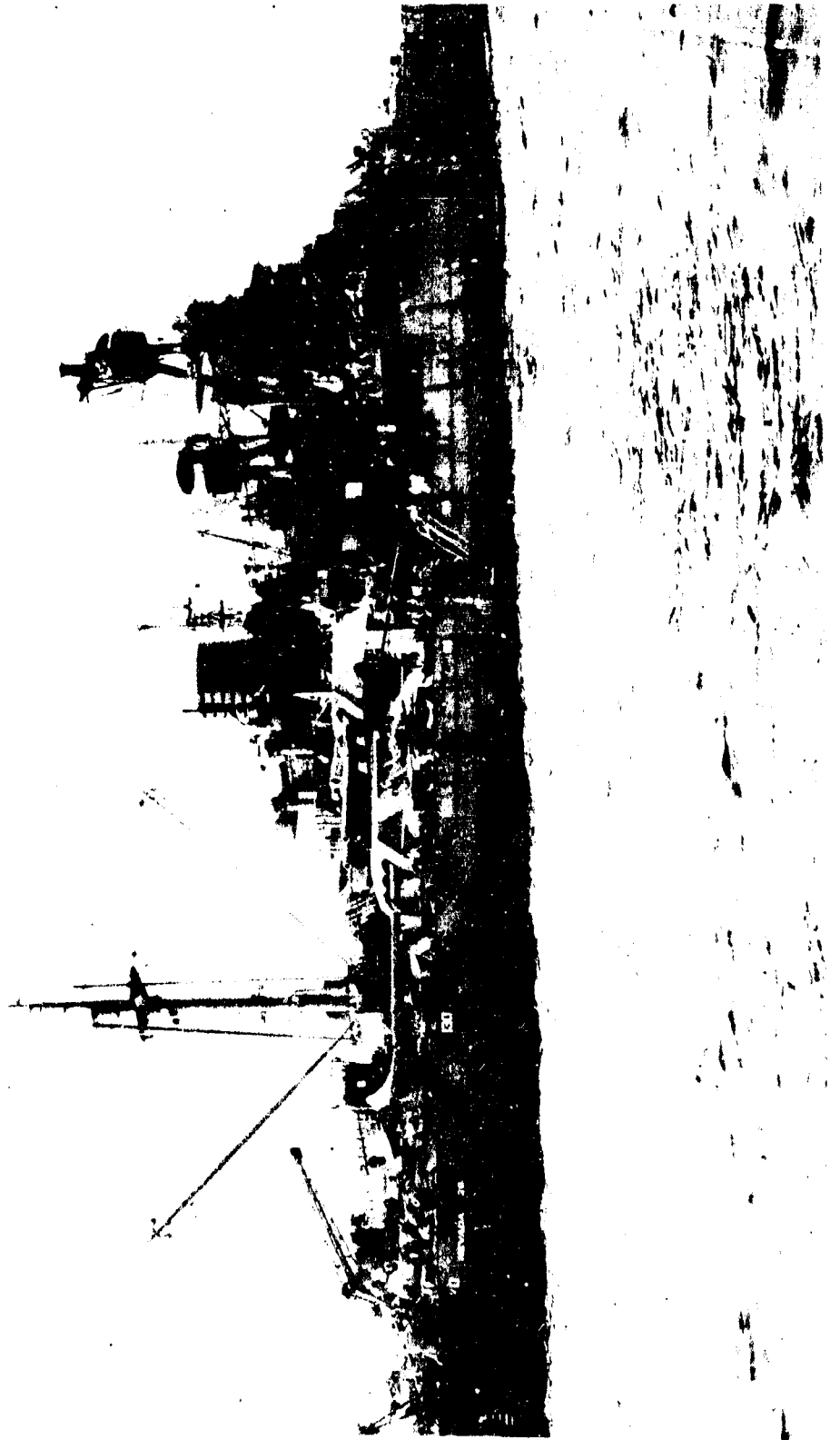
BA-CR-196-151-13. View from off starboard quarter before Test A.

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AA-CR-227-50-119. View from off starboard quarter after Test A.

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BA-CR-196-151-16. View from off starboard beam before Test A.

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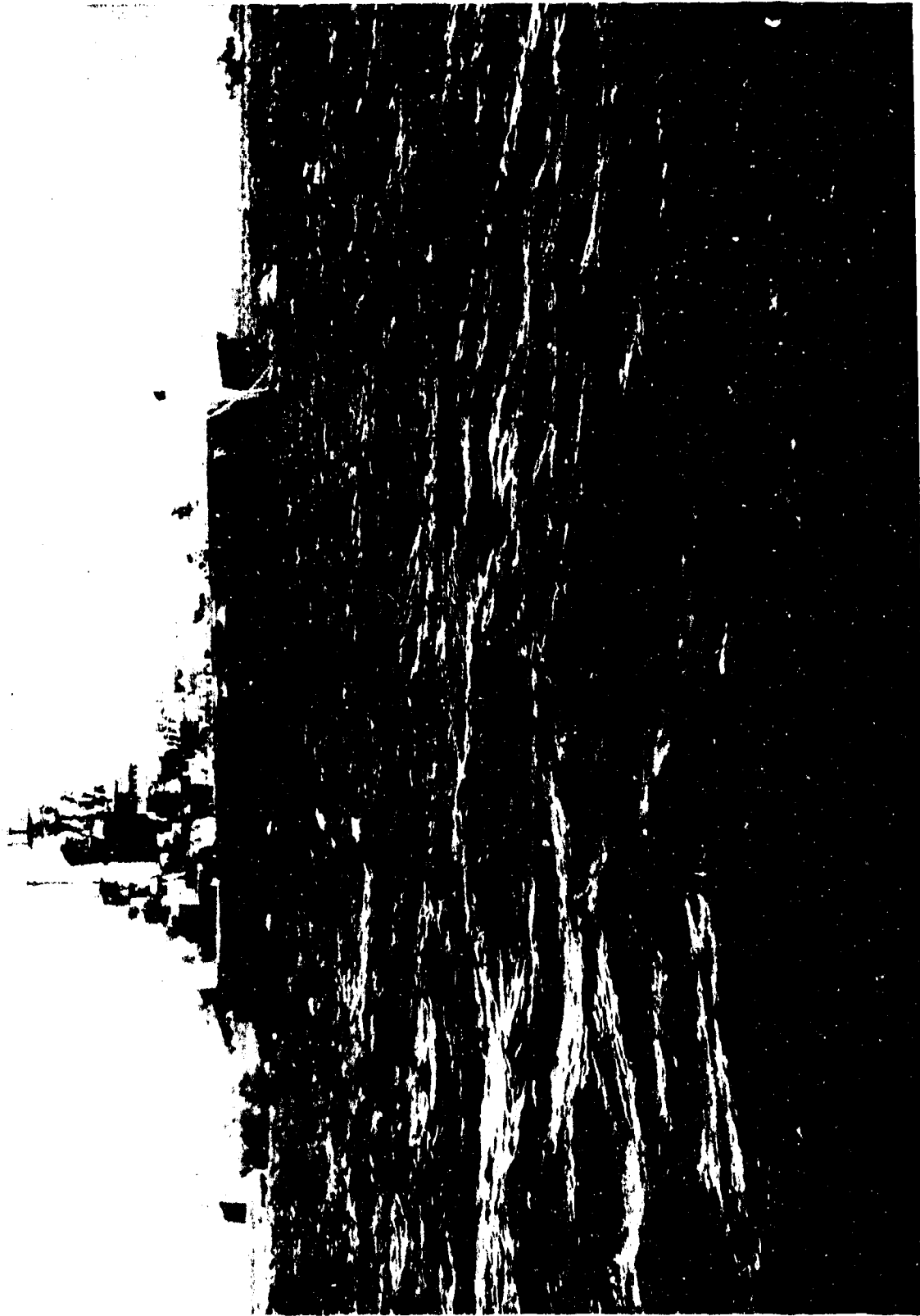
AA-CR-227-50-120. View from off starboard beam after Test A.

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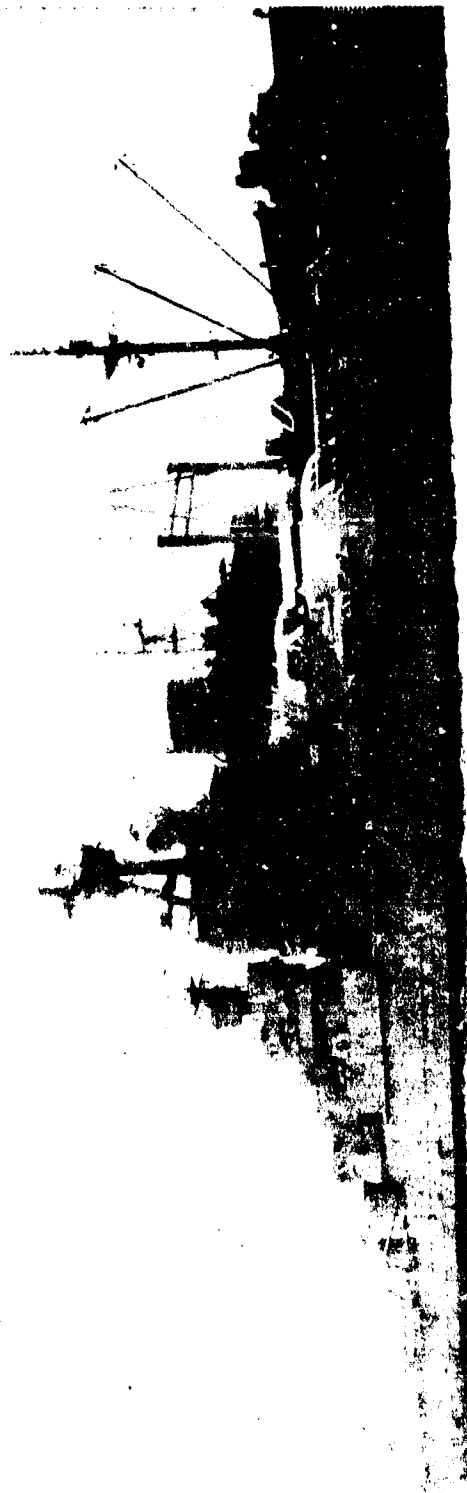
BA-CR-196-151-12. View from off starboard bow before Test A.

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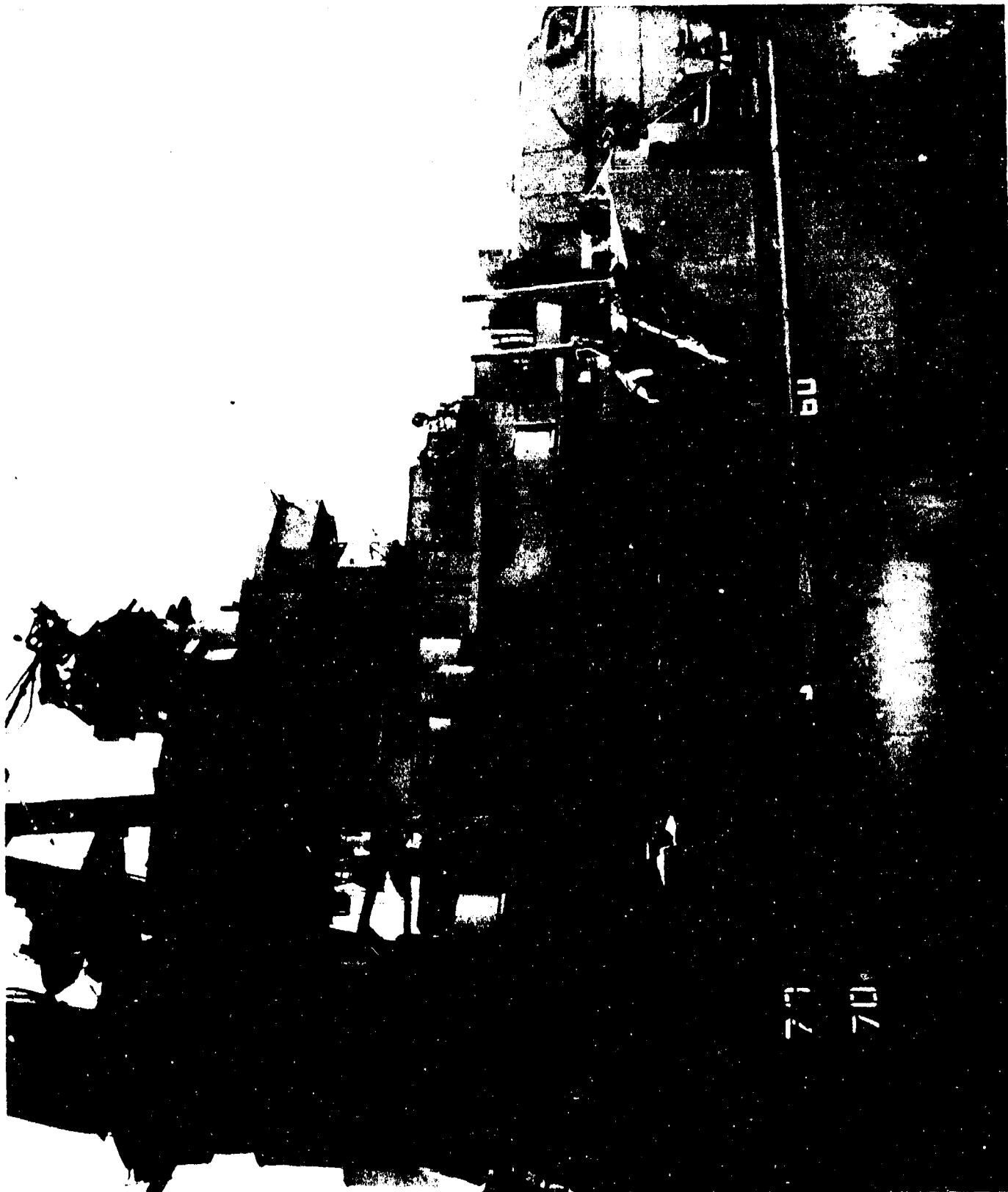
AA-CR-227-50-121. View from off starboard bow after Test A.

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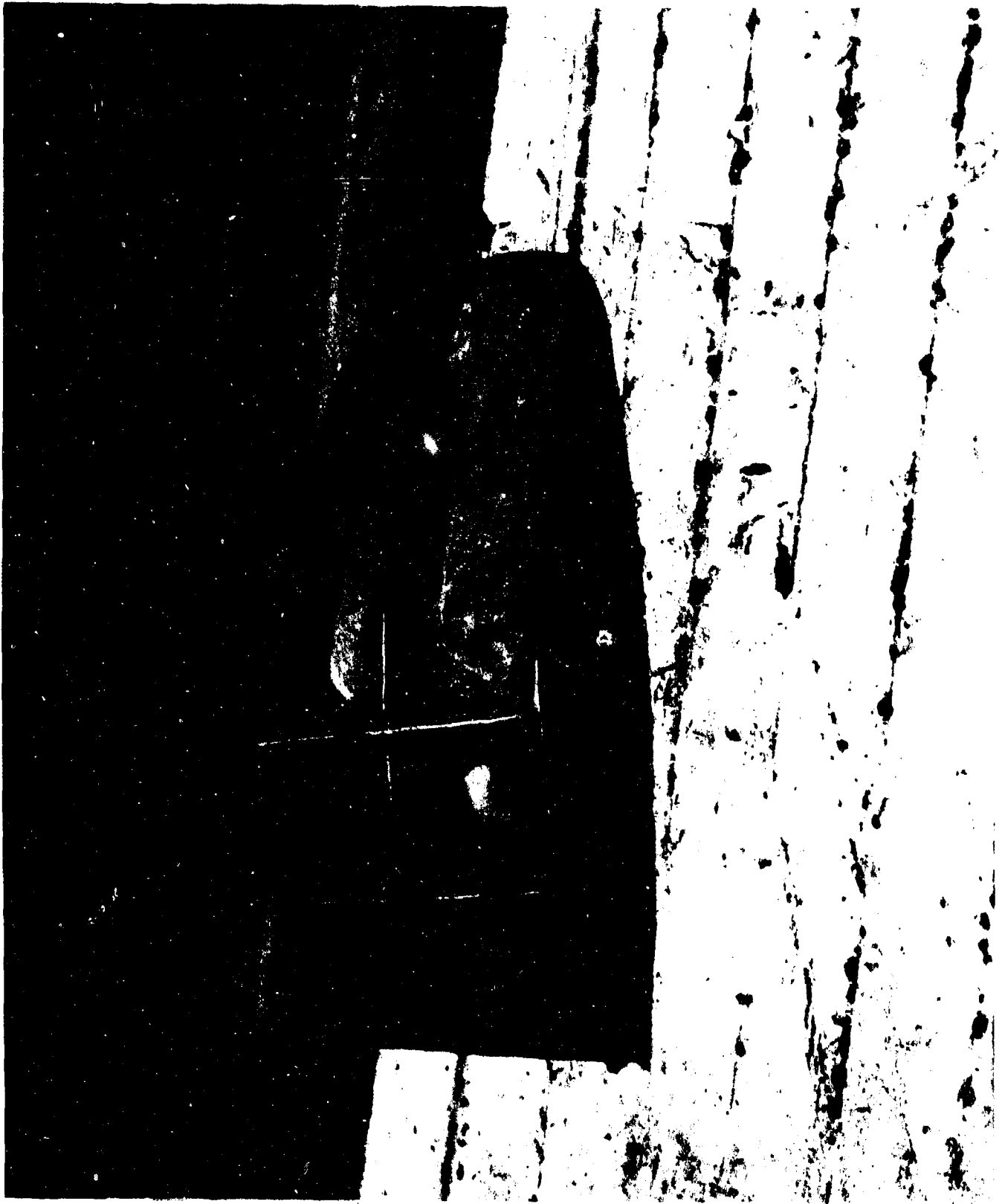
AA-CR-62-1859-5. Forward superstructure from starboard.

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AA-CR-80-1909-12. Part of radar antennae at frame 42, starboard side on the upper deck.

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AA-CR-79-1935-11. Looking to starboard and slightly forward on forward AA defense station at broken radar drive unit. Unit has fallen from S.K. radar.

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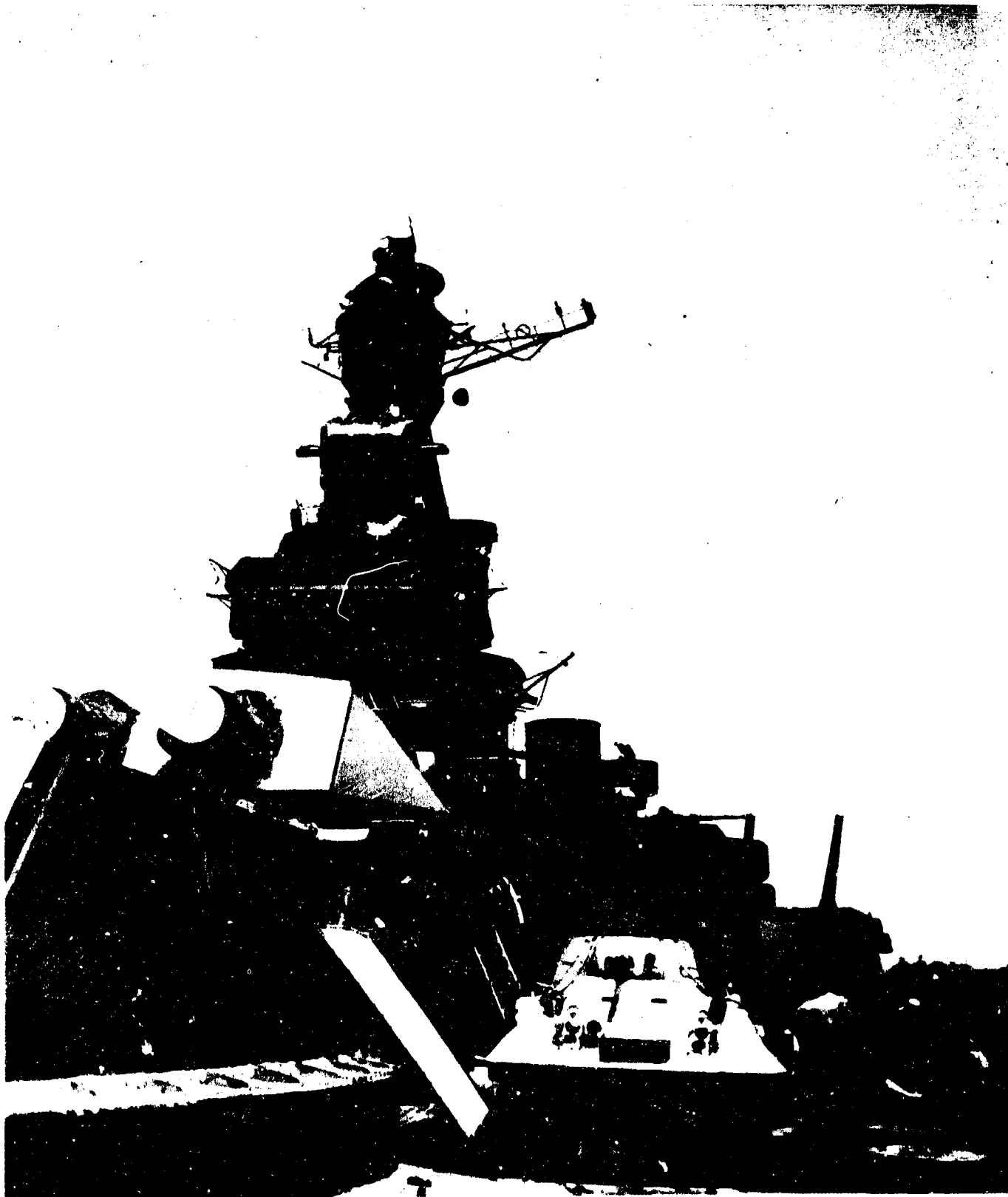
AA-CR-80-1909-10. Looking aft at forward superstructure from starboard side.

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AA-CR-80-1909-9. Looking aft at forward superstructure from port side. Note uncharred shadow outline of tank on wood deck covering.

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AA-CR-80-1900-3. Forward tripod, remains of starboard yardarm.

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AA-CR-80-1900-4. Forward tripod, view looking forward at wreckage of starboard yardarm. Main member, truss and forward strut.

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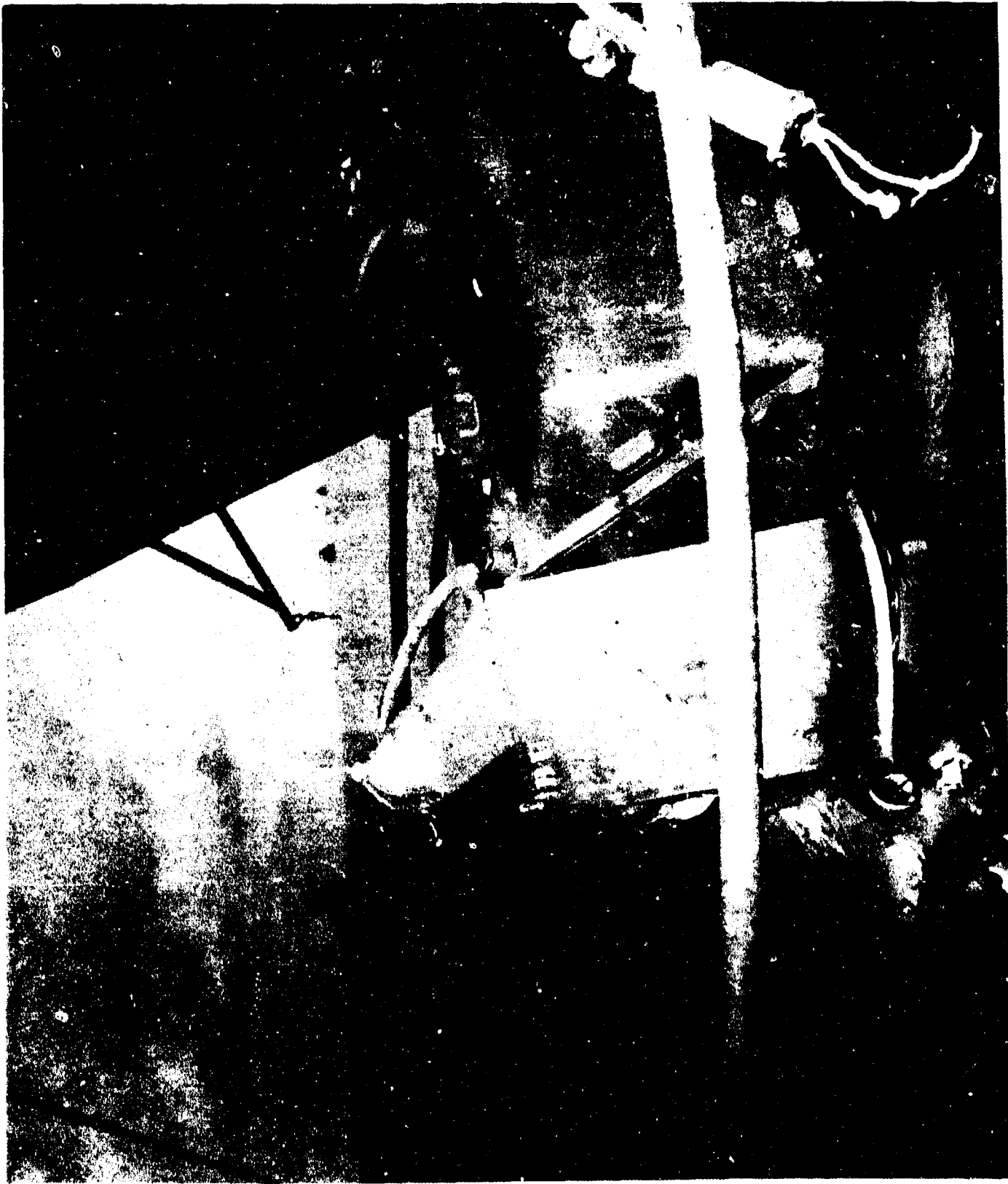
AA-CR-82-1830-9. Starboard 36" searchlight carried from platform and lying on superstructure deck in way of starboard access to upper deck at frame 68.

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AA-CR-80-1830-6. Looking aft and to starboard on 36" searchlight platform on forward tripod at remains of searchlight. Note broken trunnion arms.

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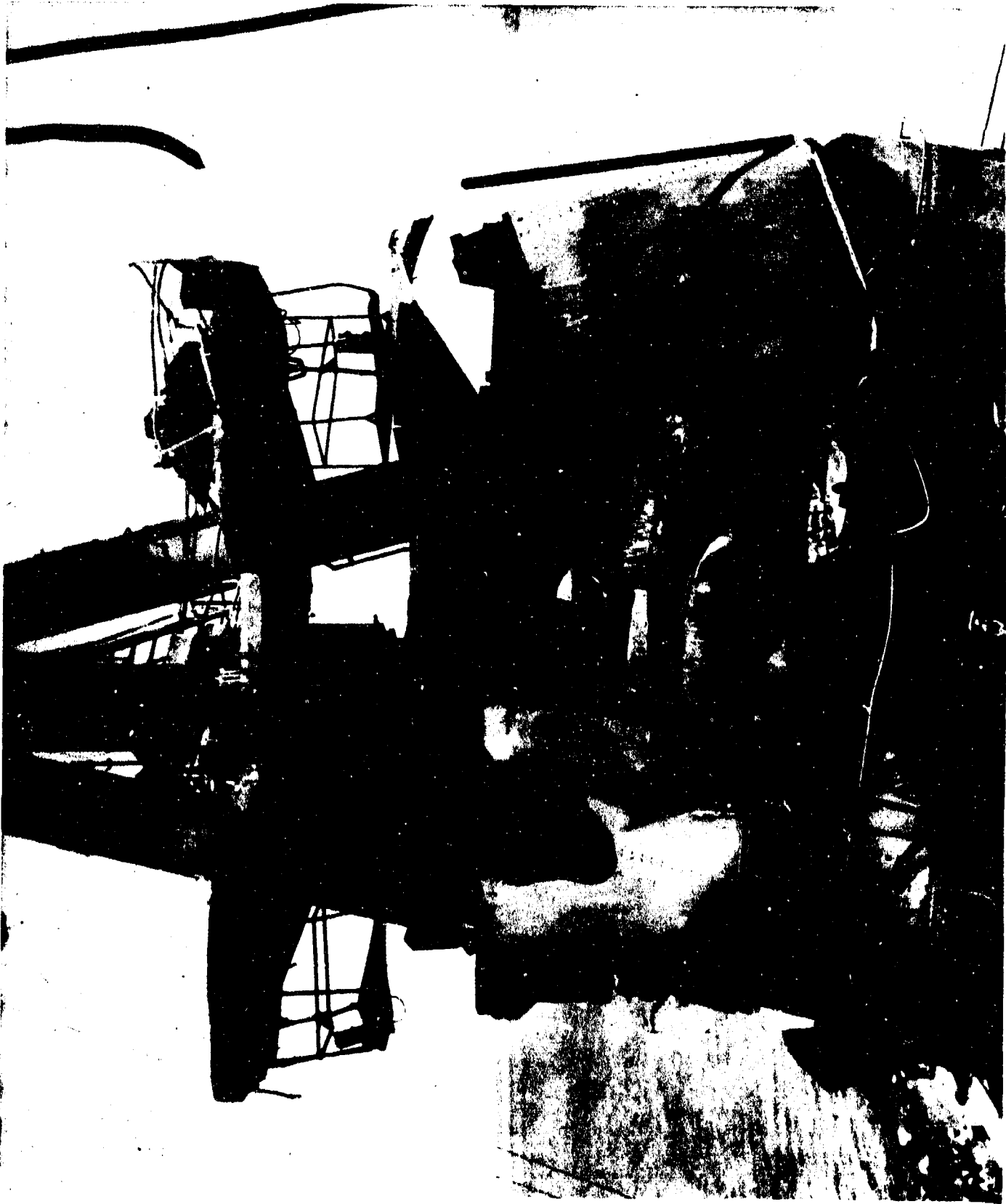
AA-CR-79-1935-10. Looking up, aft, and inboard at wrecked port searchlight or searchlight platform. Forward A.A. defense station in foreground.

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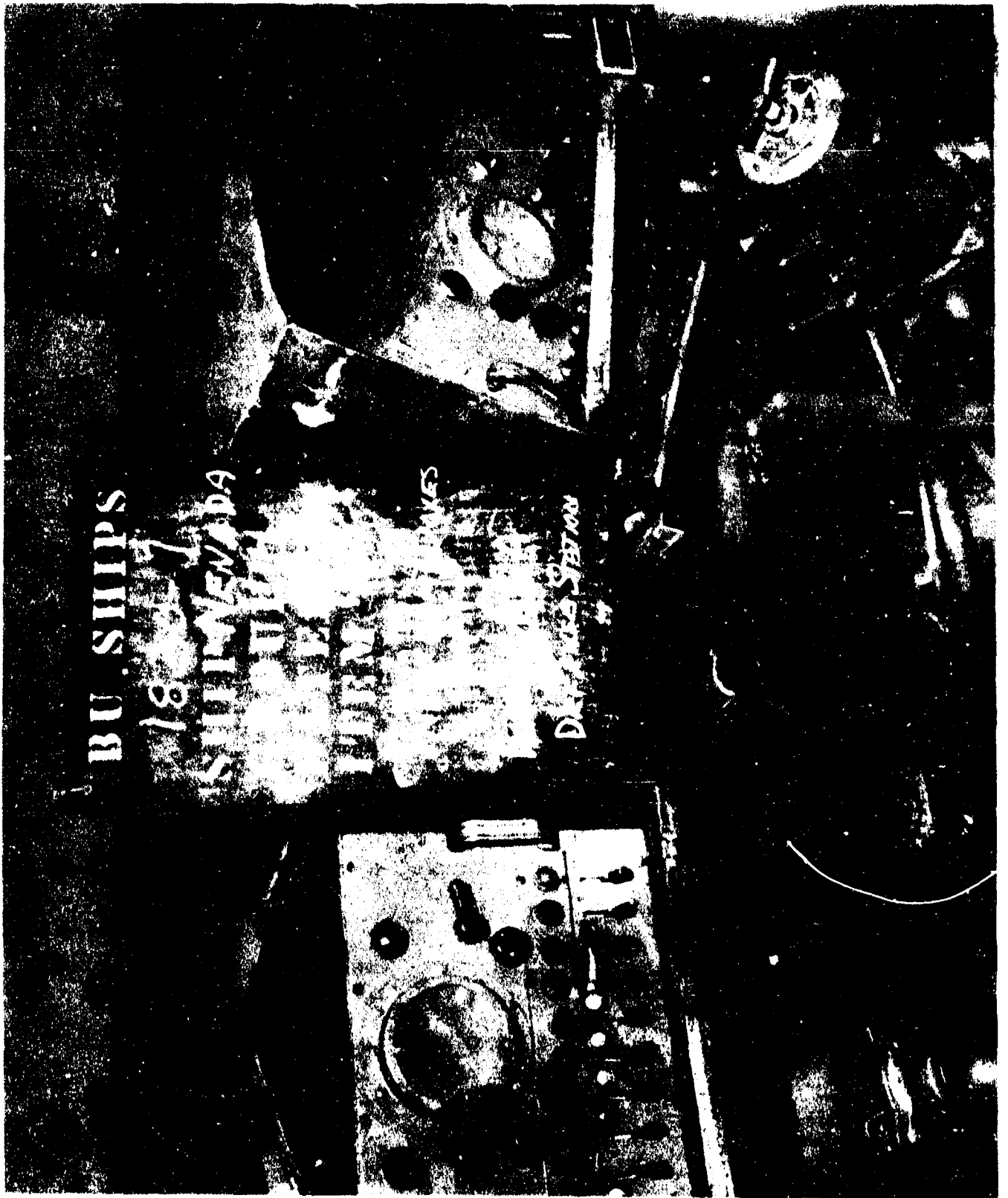
AA-CR-80-1911-6. Foremast structure looking forward from mainmast.

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AA-CR-82-1830-7. Inter-communication boxes on the forward AA defense station, looking forward at units partially dislodged from their mountings.

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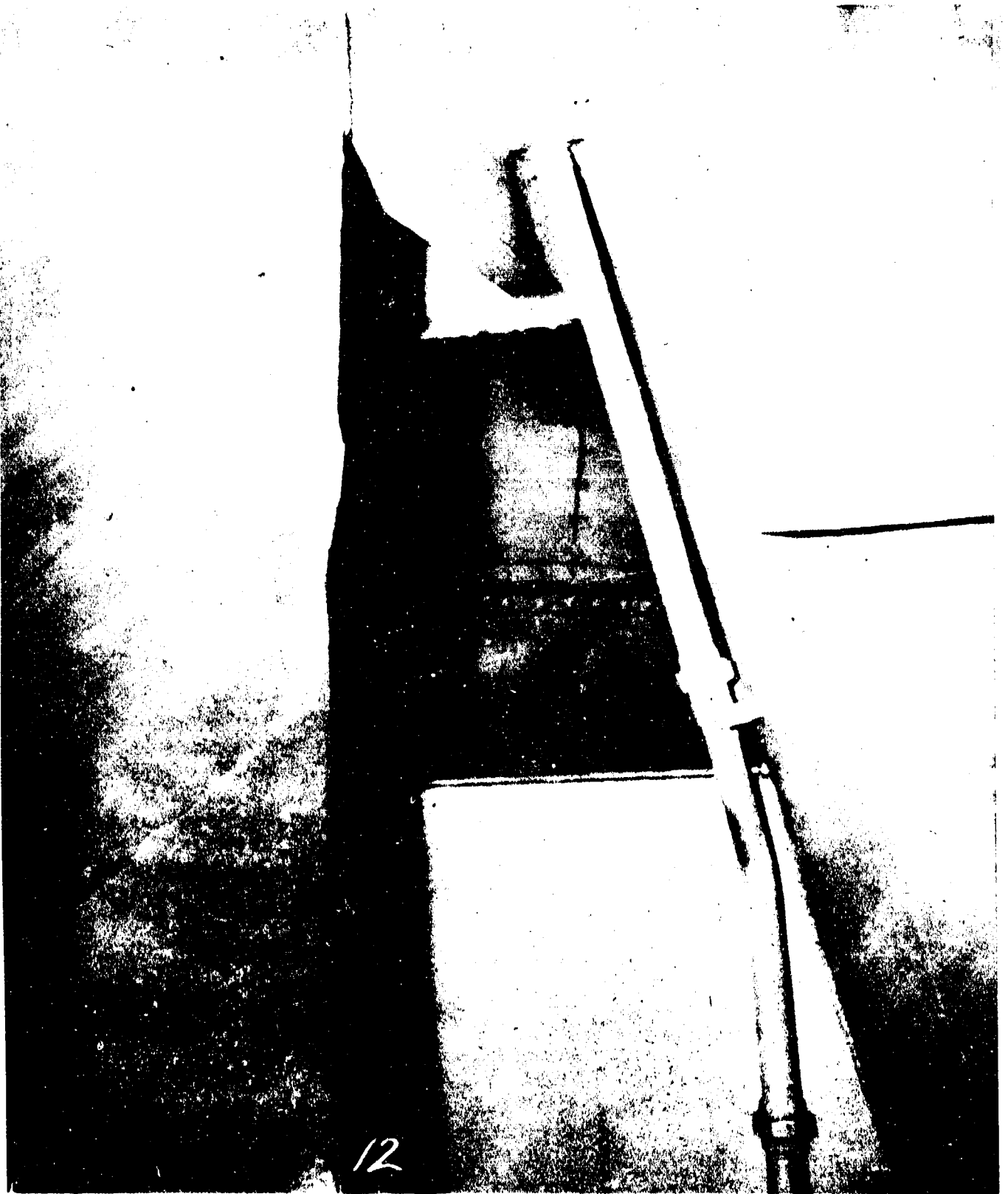
AA-CR-80-1911-11. Main battery and fire control station looking to port at frame 67. Note damaged after bulkhead of bridge urinal.

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AA-CR-80-1911-12. Main battery and fire control station looking aft at after port corner of bridge urinal from about frame 66. Note stack in background.

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AA-CR-65-1742-7. Looking forward at blast damage to port wing of navigation bridge and underside of open bridge wing.

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AA-CR-80-1911-10

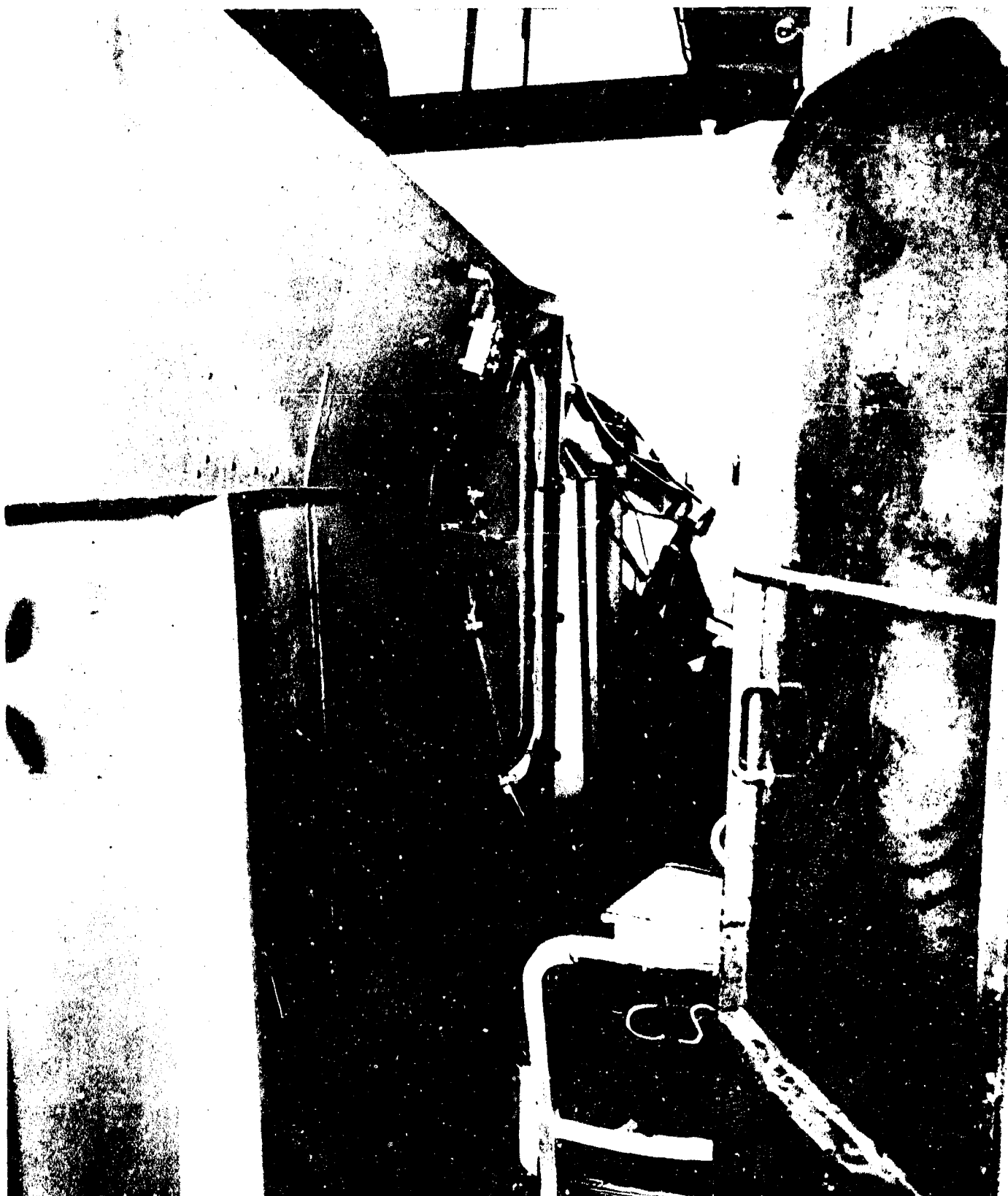
AA-CR-80-1911-10. Navigating bridge level, port side looking forward and from catwalk at damaged bulwark.

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AA-CR-80-1911-9. Signal bridge at frame 65 looking to port showing damage to transverse bulkhead 65.

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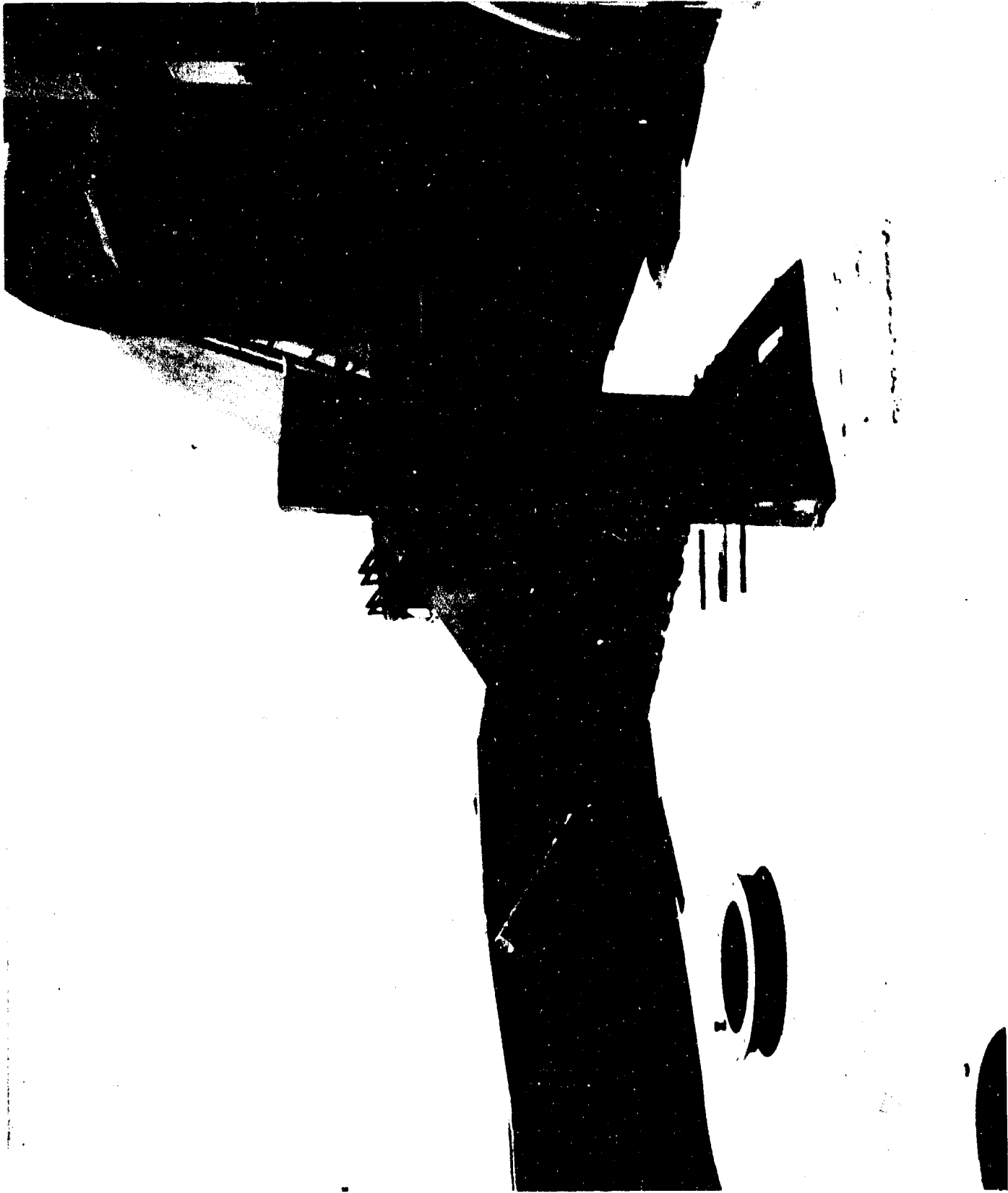
AA-CR-175-2155-2. Superstructure deck at frame 67 looking to starboard at after face of forward superstructure and forward part of stack.

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AA-CR-80-1910-6. Looking forward at damaged port gun inboard bulwark on superstructure deck at frame 57. After edge of bulwark has been torn loose from deck and moved forward and inboard. Note also screen on turret ventilation trunk bellied downward.

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AA-CR-79-1935-9. Superstructure deck deflection at frame 50 under the overhang of turret No.2. Looking to starboard and slightly forward.

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AA-CR-80-1910-5. Superstructure deck, deflection at frame 50 under to overhang of turret No. 2, looking forward and to port.

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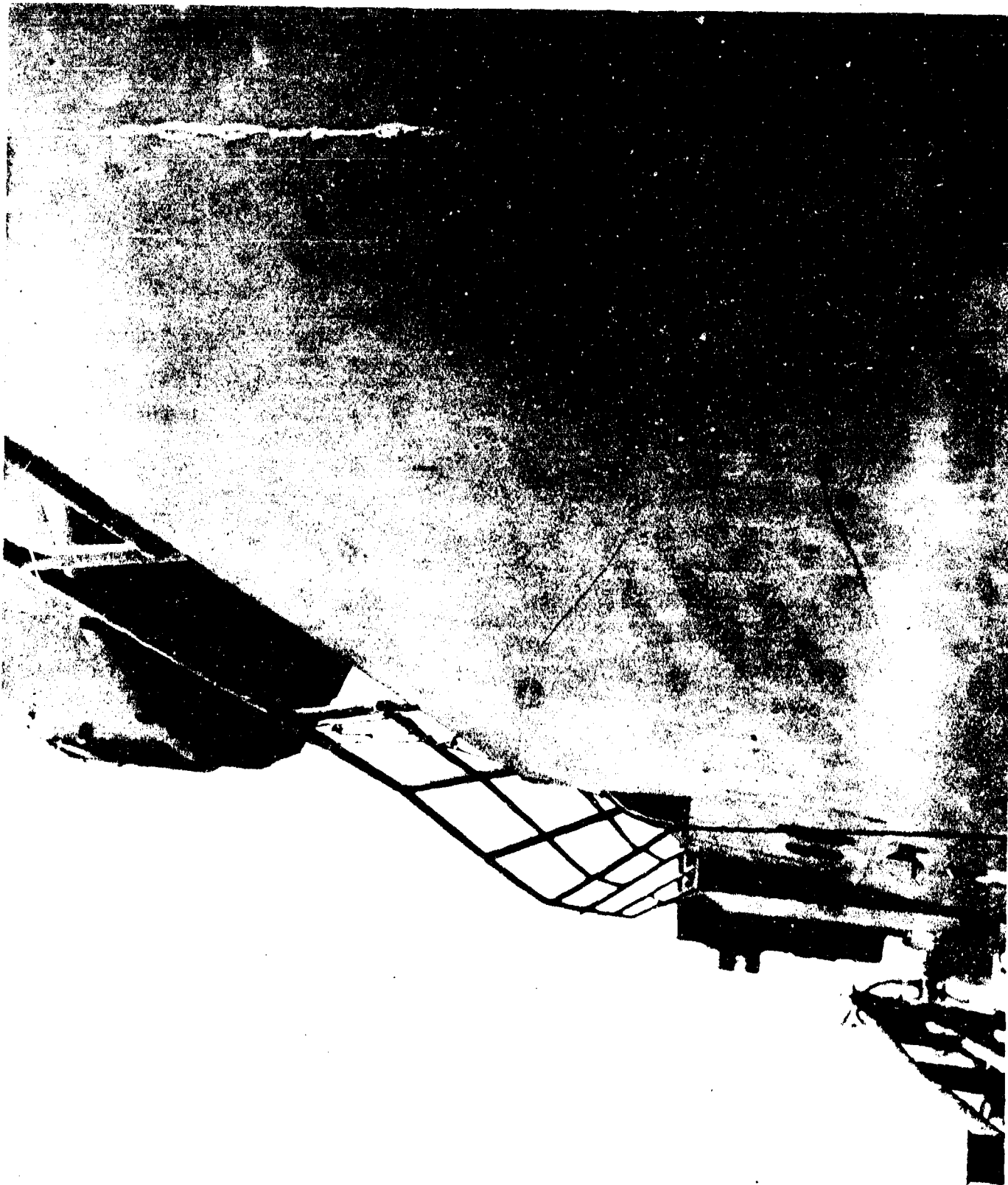
AA-CR-80-1910-7. Superstructure deck looking aft and outboard from frame 58 port. Railings and gutter strips were damaged by ships force removing equipment from fore-top.

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AA-CR-80-1910-2. Looking aft along the starboard side of the upper deck from frame 63.

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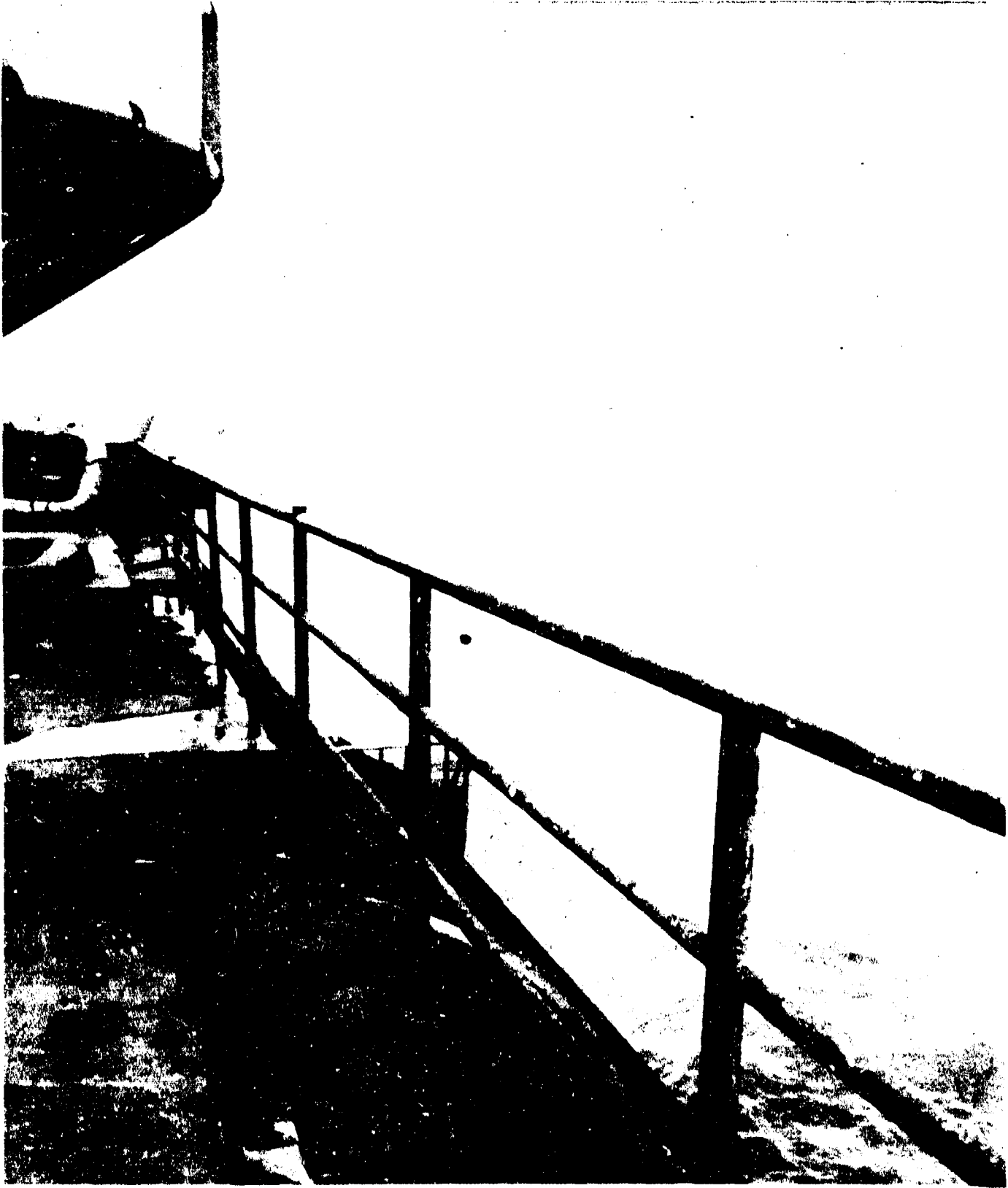
AA-CR-175-2154-11. Looking aft along starboard side of superstructure deck from frame 62 showing damage to the handrail.

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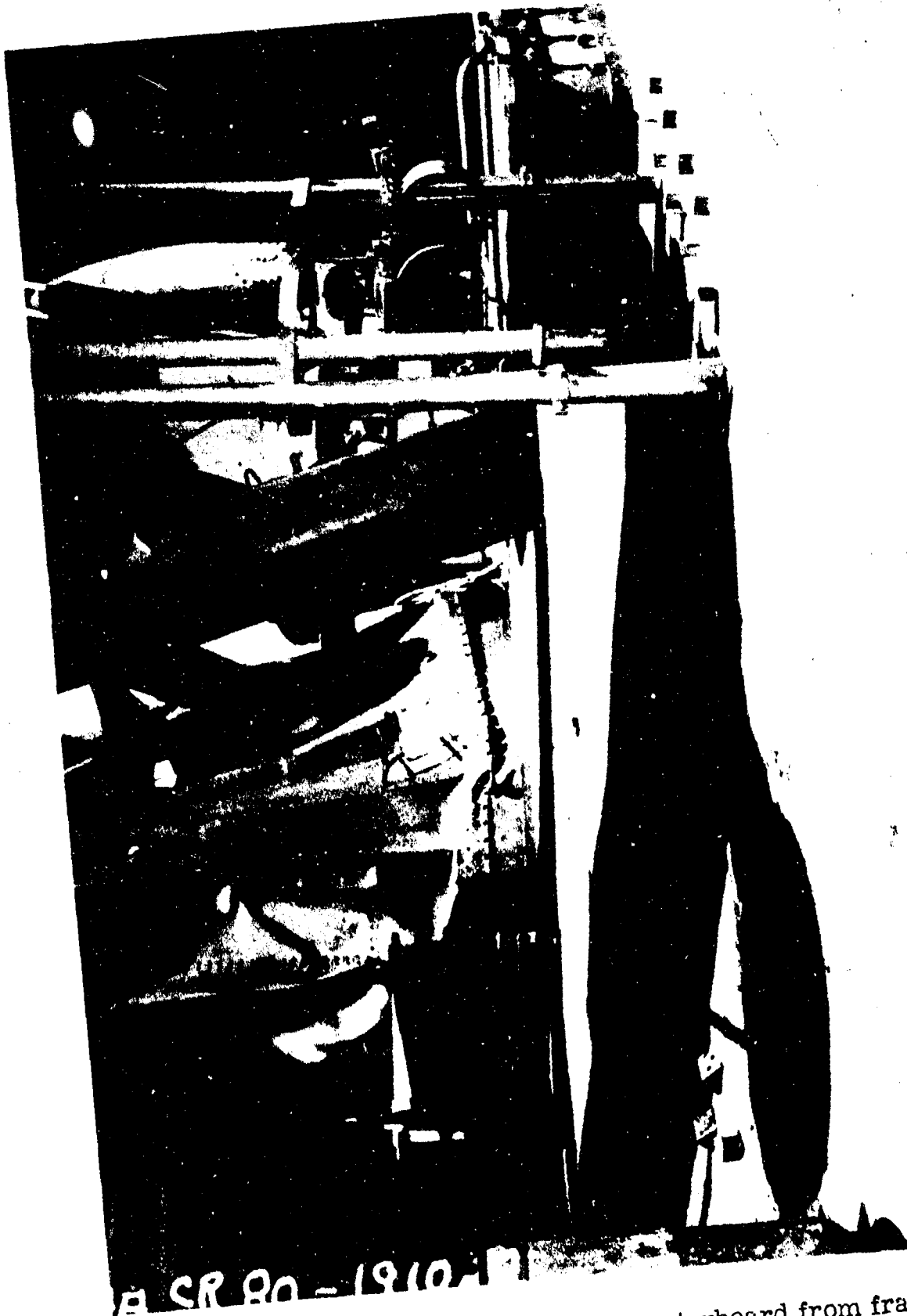
AA-CR-175-2154-10. Looking aft along port hand rail of superstructure deck from frame 62.

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AA-CR-80-1910-8

AA-CR-80-1910-8. Looking aft and to starboard from frame 65 on superstructure deck at damaged stack and deck dishing

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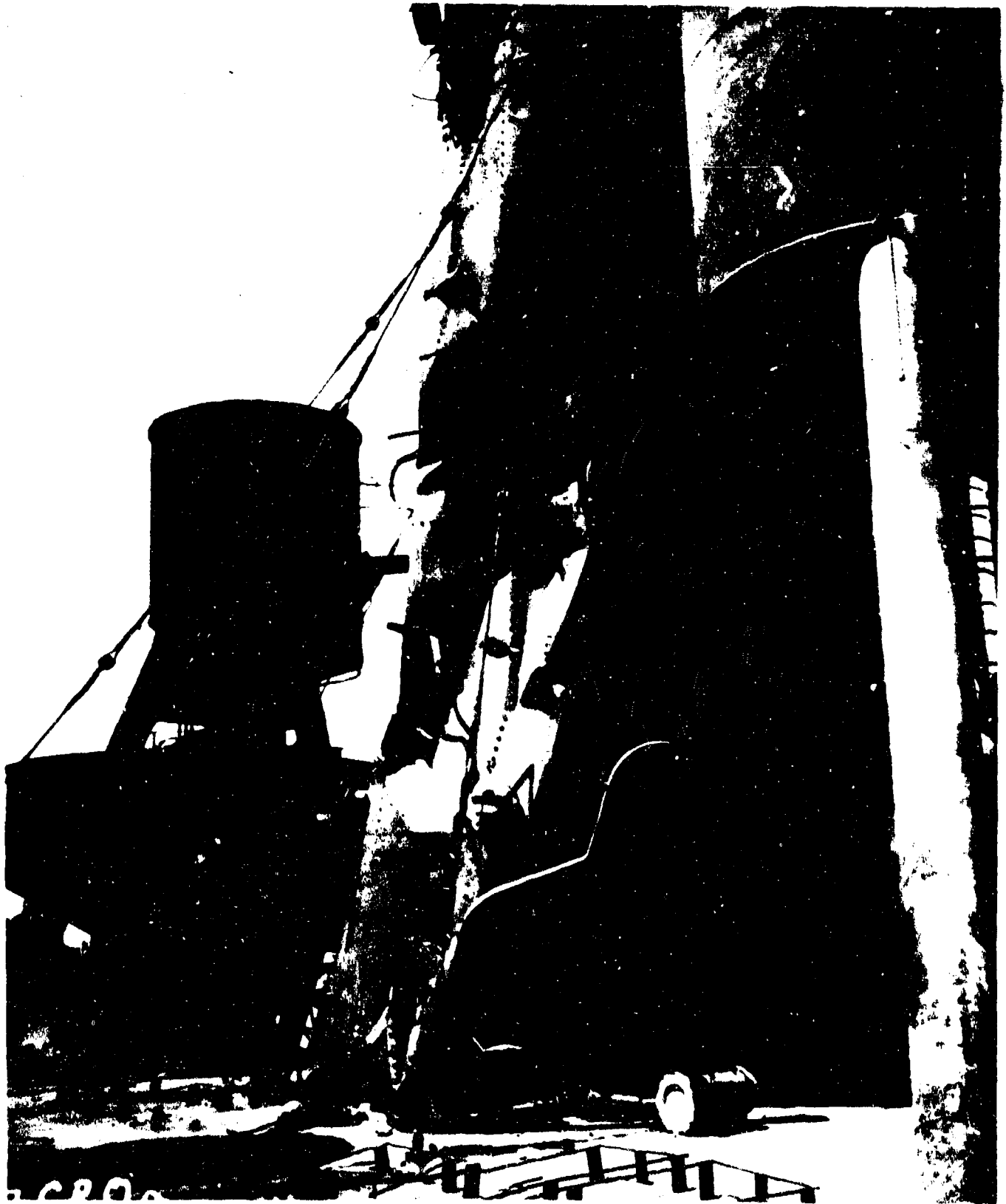
AA-CR-80-1910-12. Looking to starboard and forward on the super-structure deck from frame 78, showing damage to stack.

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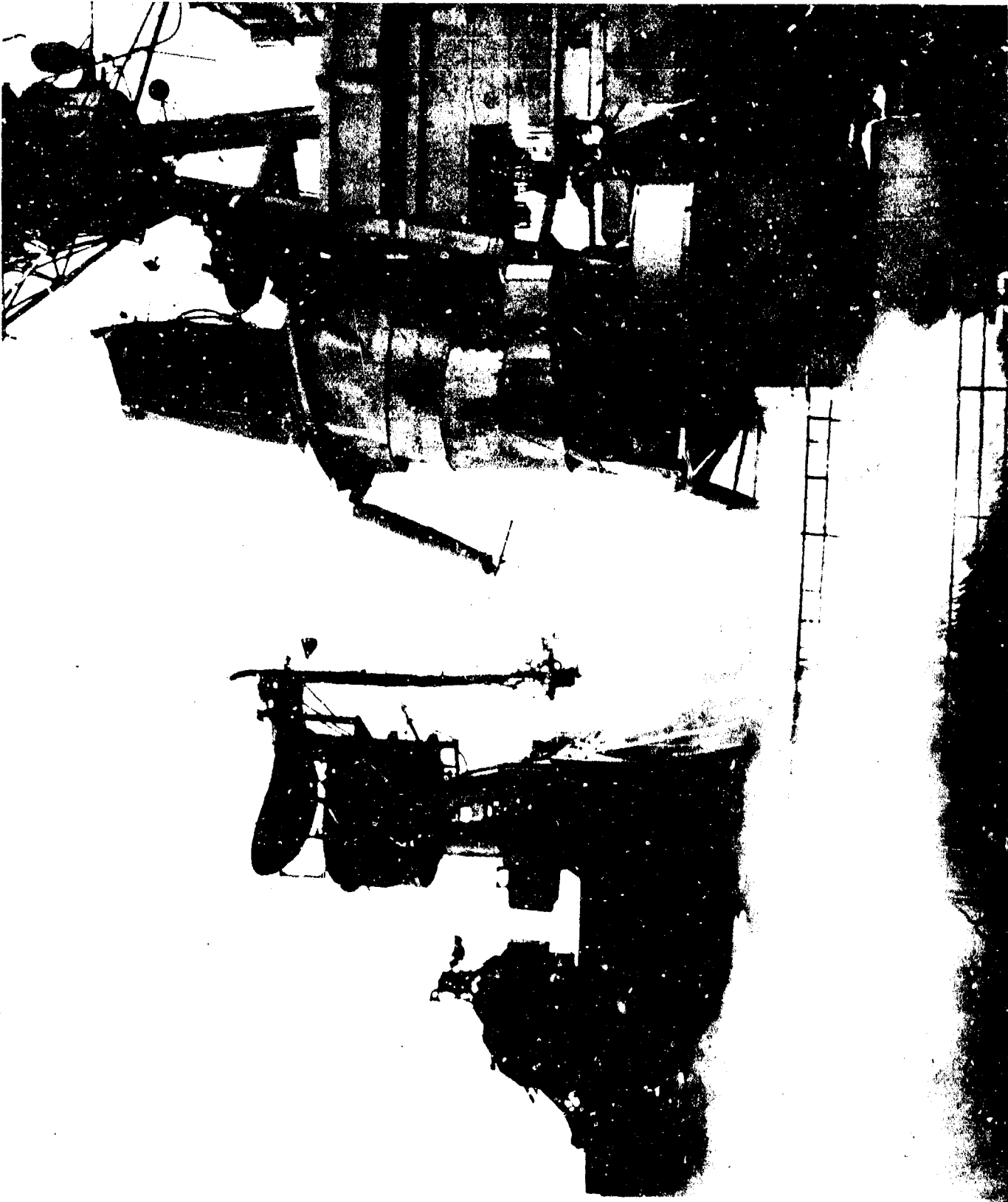
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AA-CR-80-1910-11. Looking to port and slightly forward on the super-structure deck from extreme starboard at frame 78. Besides damaged stack, note magnetic compass binnacle, removed from forward side of mainmast structure when clearing damaged mainmast structure.

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AA-CR-62-1859-4. Foremast and mainmast from starboard.

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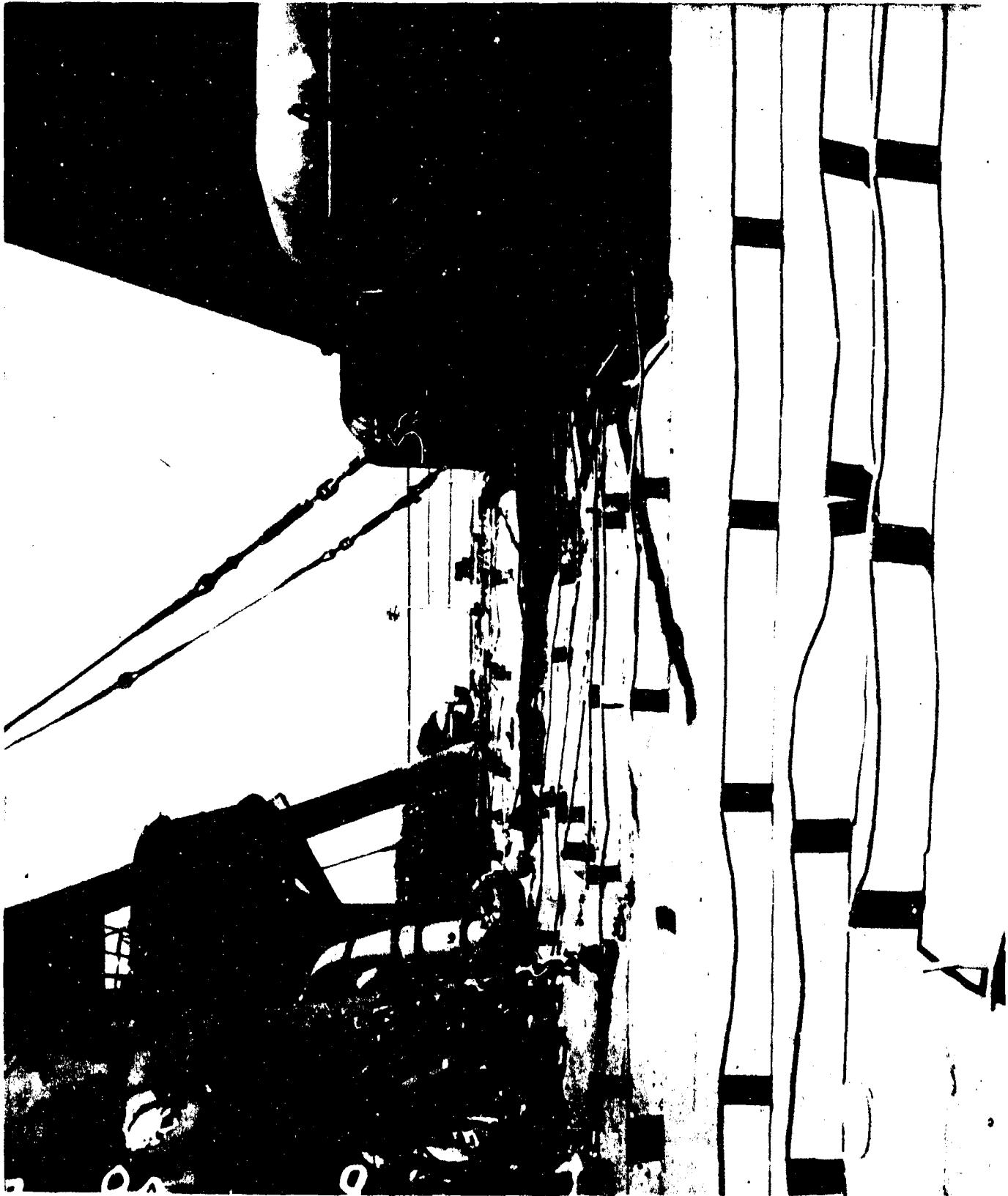
AA-CR-80-1900-6. Lower section of broken Charlie Noble and damaged stack looking forward, down, and to port.

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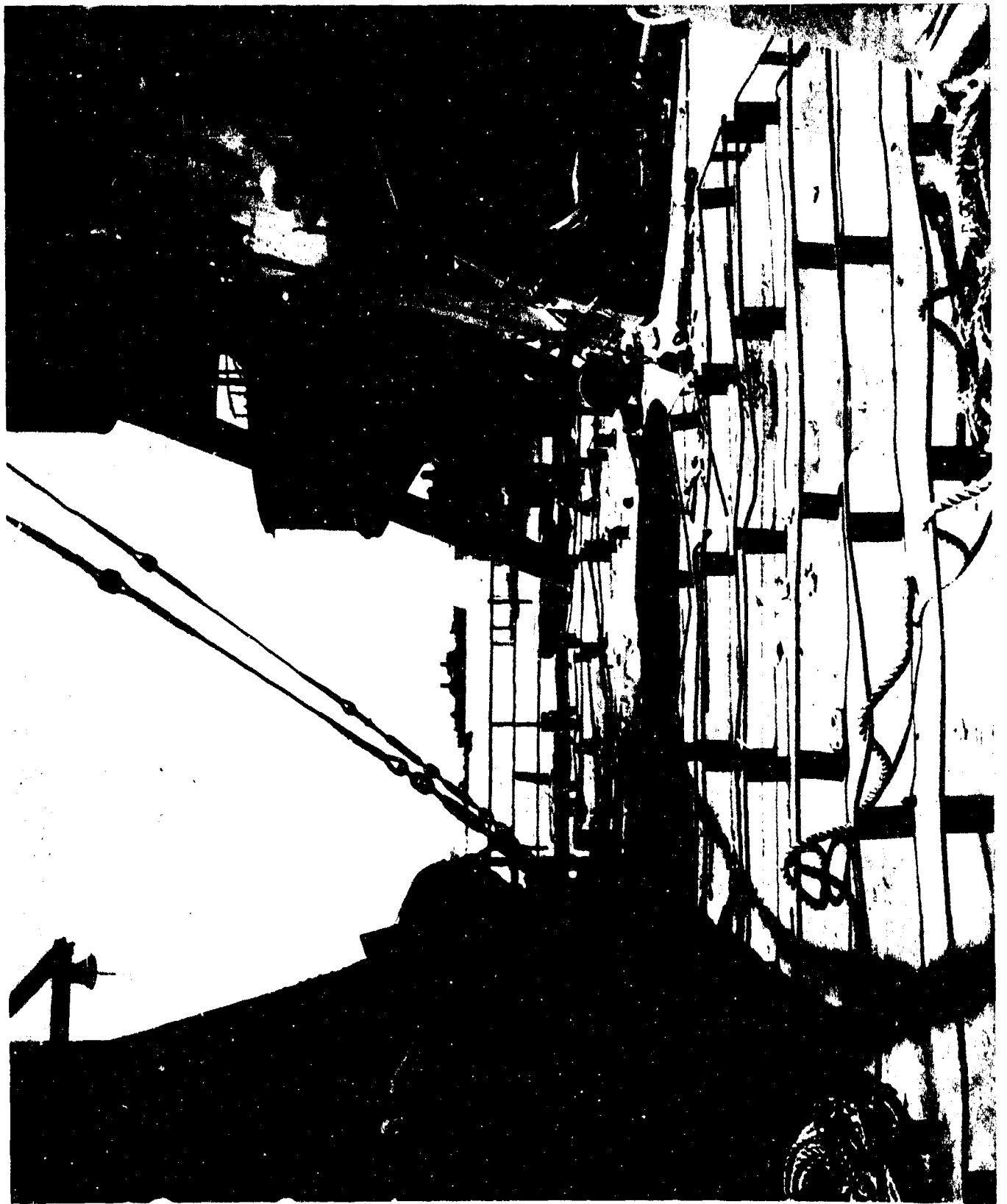
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AA-CR-80-1910-9. Superstructure deck looking athwartships from the port side at frame 74 showing damage to the deck and the stack.

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AA-CR-80-1910-10. Superstructure deck looking athwartships from the starboard side at frame 74, showing damage to the deck and the stack.

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AA-CR-175-2137-8. Outboard after leg of the starboard gun tub at frame 73, on 02 level. Note that deck is pulled up by leg.

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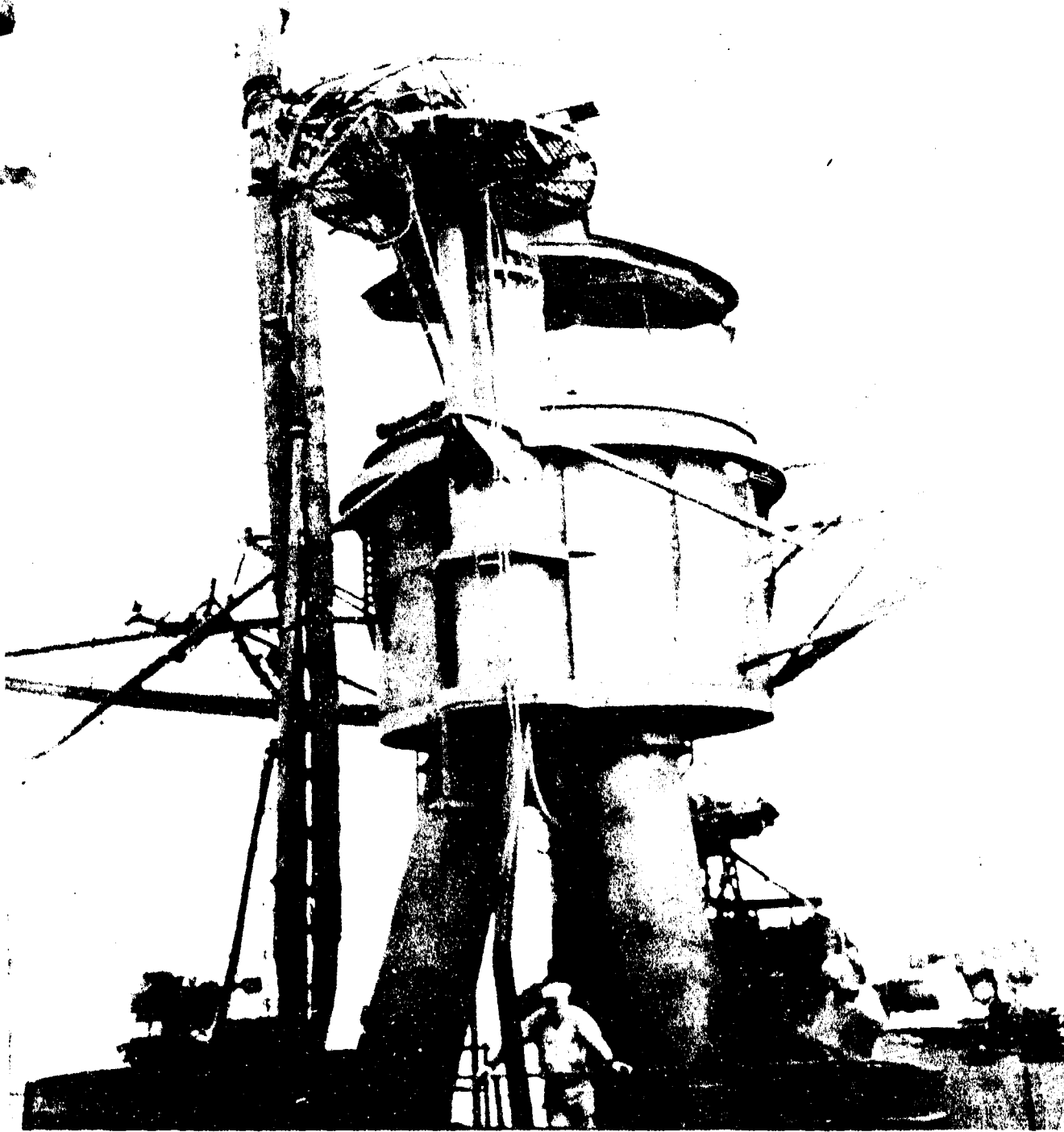
AA-CR-79-1935-12. Topside photograph looking down and aft from foremast. Lower end of mainmast can be seen still in place. Upper section hanging down, held only by electrical wiring. Note damage to supports of magnesyn compass transmitter mounted on mast.

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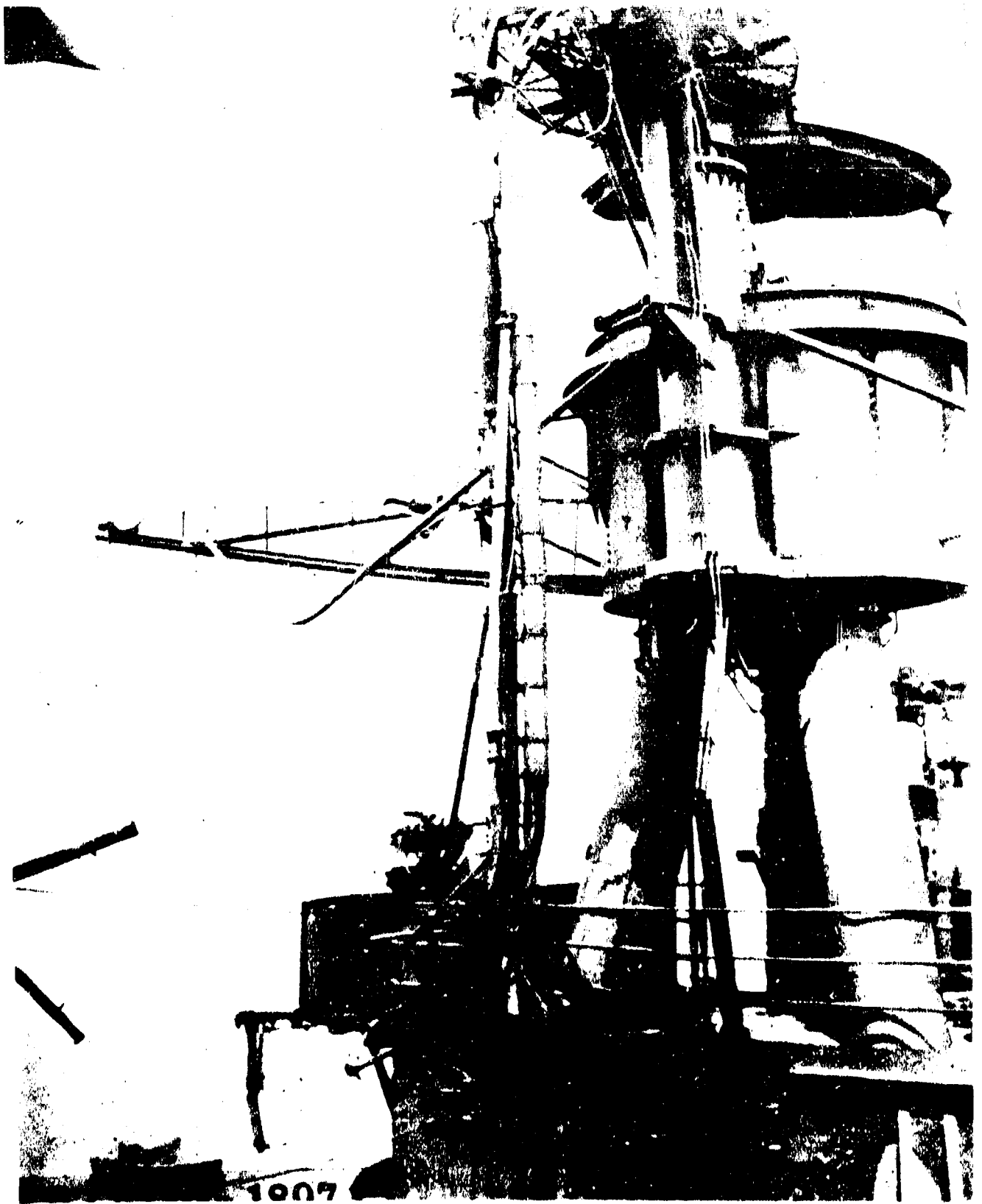
AA-CR-80-1897-10. After tripod, looking aft showing mainmast and yardarms.

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AA-CR-80-1897-11. After tripod, looking aft and to starboard.

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AA-CR-80-1900-8. Break in fixed portion of mainmast pole.

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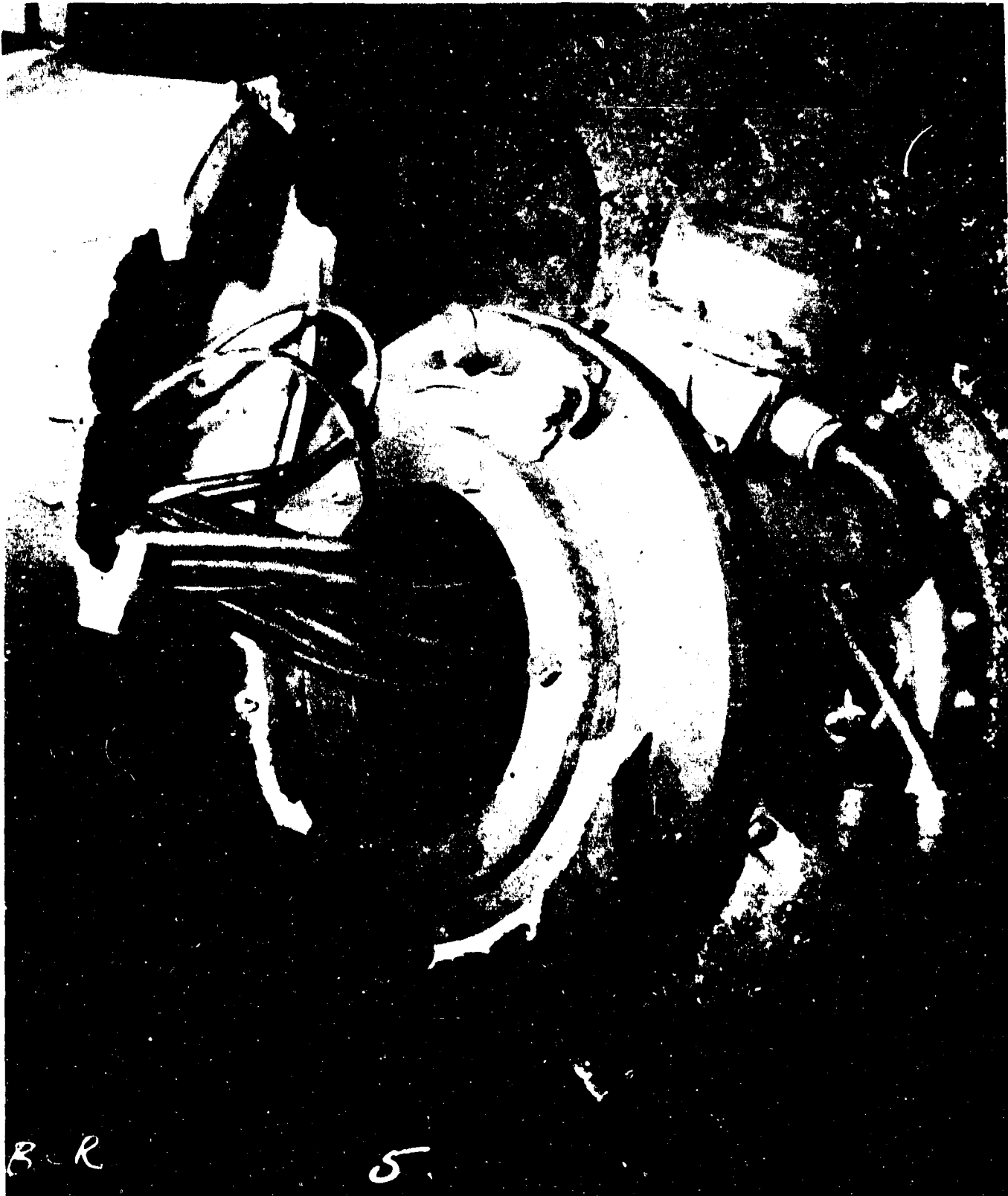
AA-CR-80-1900-7. Break in mainmast pole.

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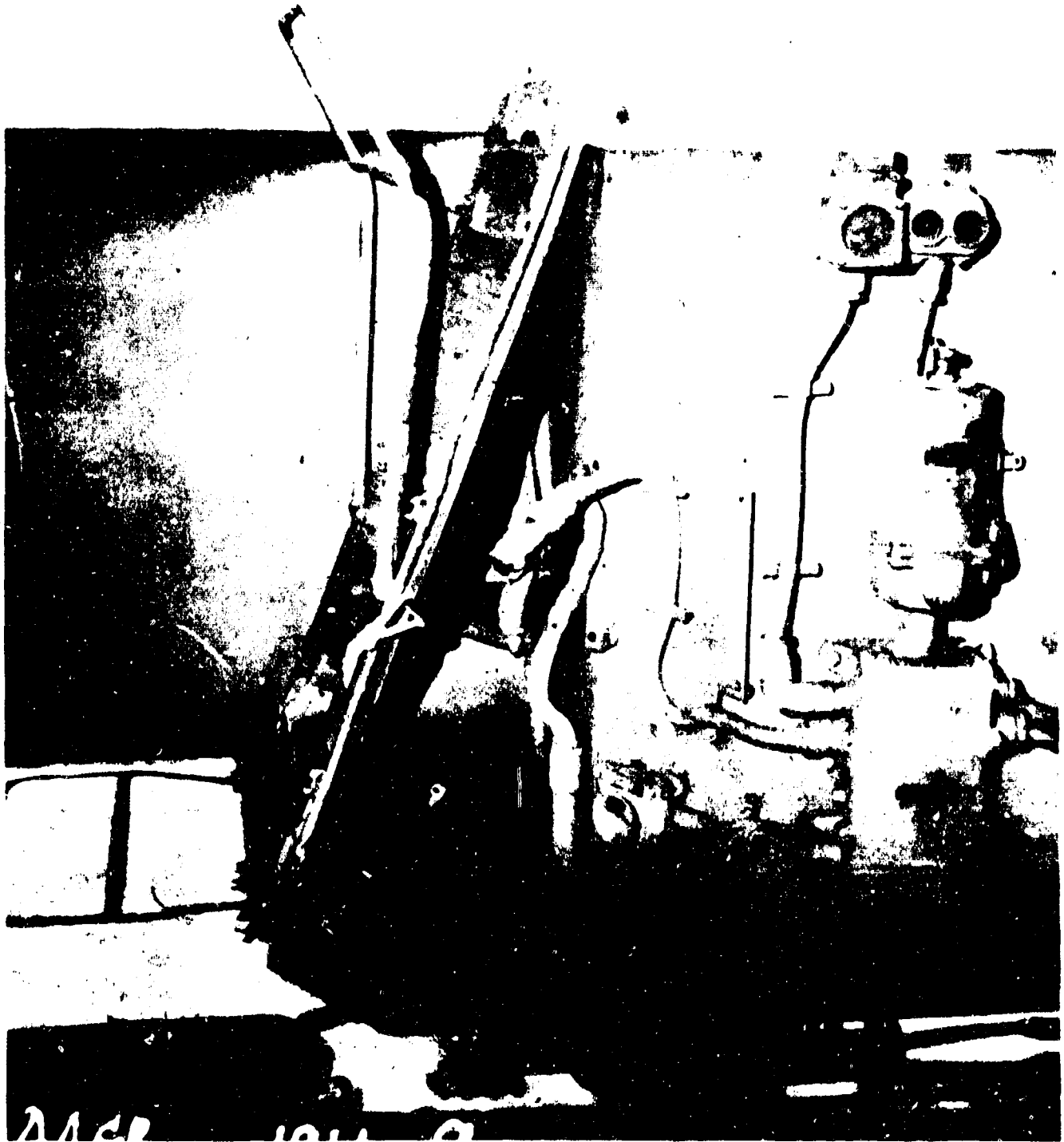
BB-CR-80-1911-5. Main battery director platform on mainmast, frame 80, looking forward showing fractured director pedestal.

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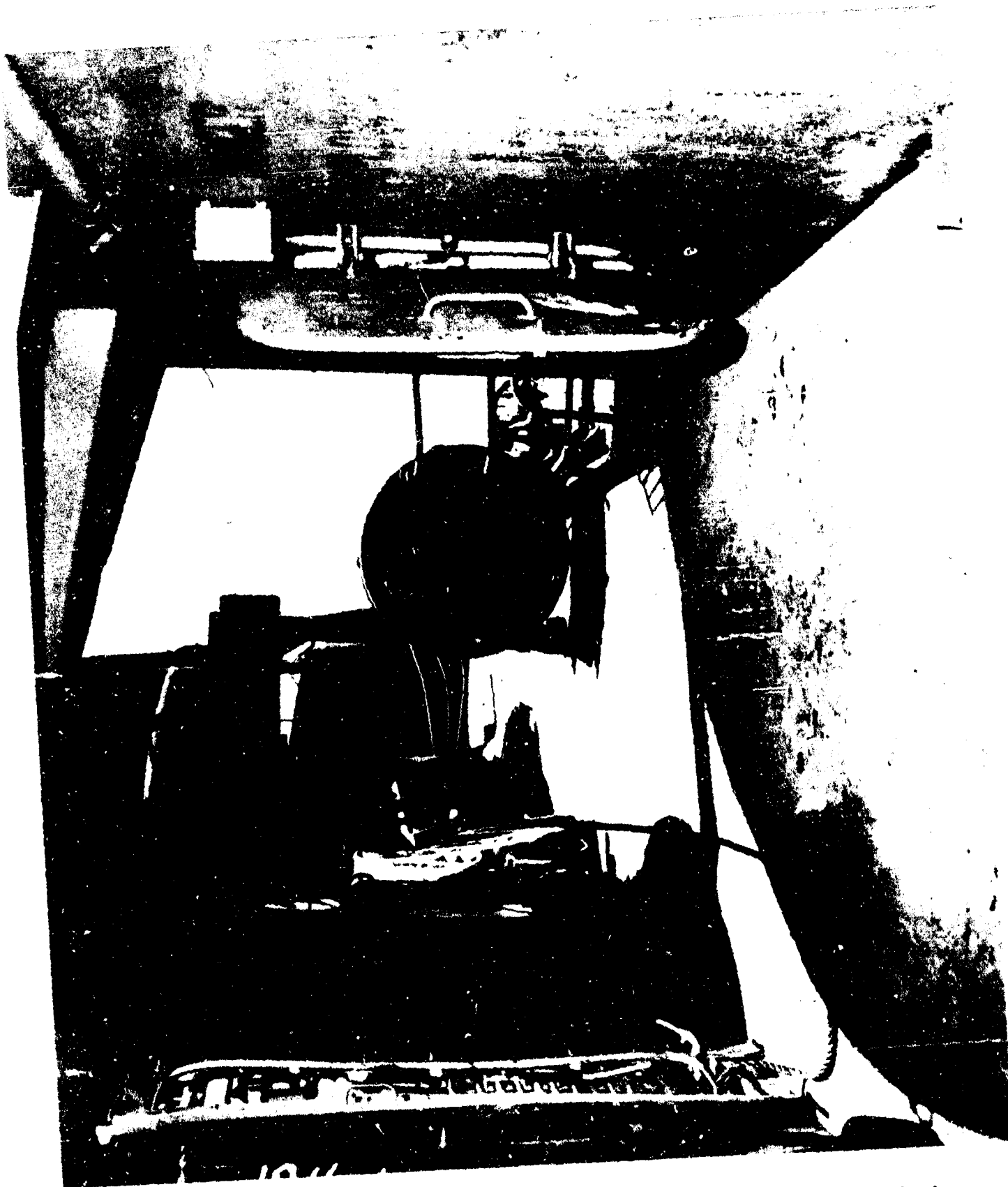
AA-CR-80-1911-8. After AA defense station (mainmast) looking aft from about frame 80 at dished hatch cover.

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AA-CR-80-1911-1. Looking aft along port side of superstructure deck from frame 80, showing damage to inboard bulkhead of passage.

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AA-CR-80-1911-3. Looking forward in superstructure deck from frame 93, starboard side, at dished longitudinal bulkhead.

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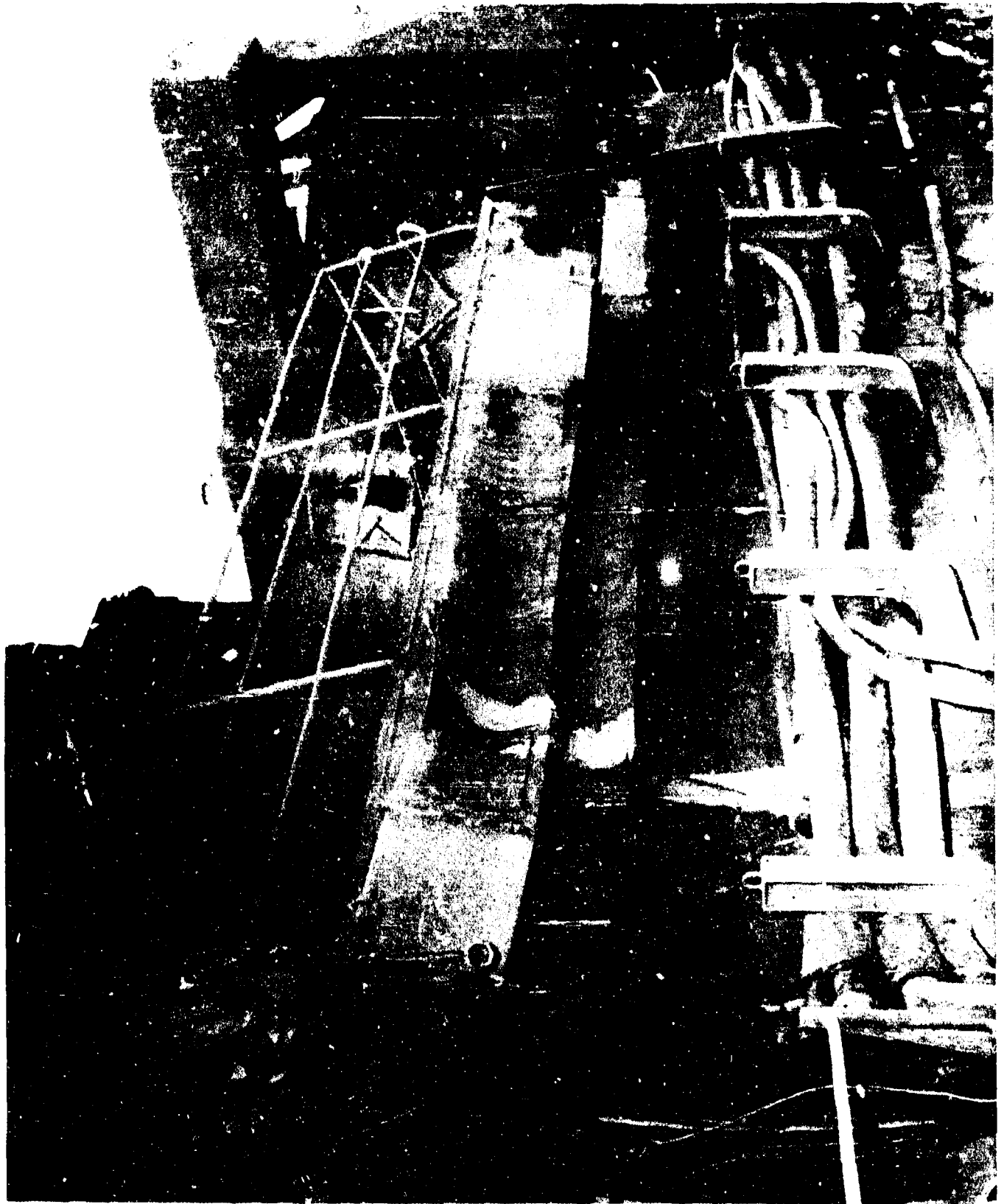
AA-CR-80-1909-8. Superstructure looking forward from frame 101 port.

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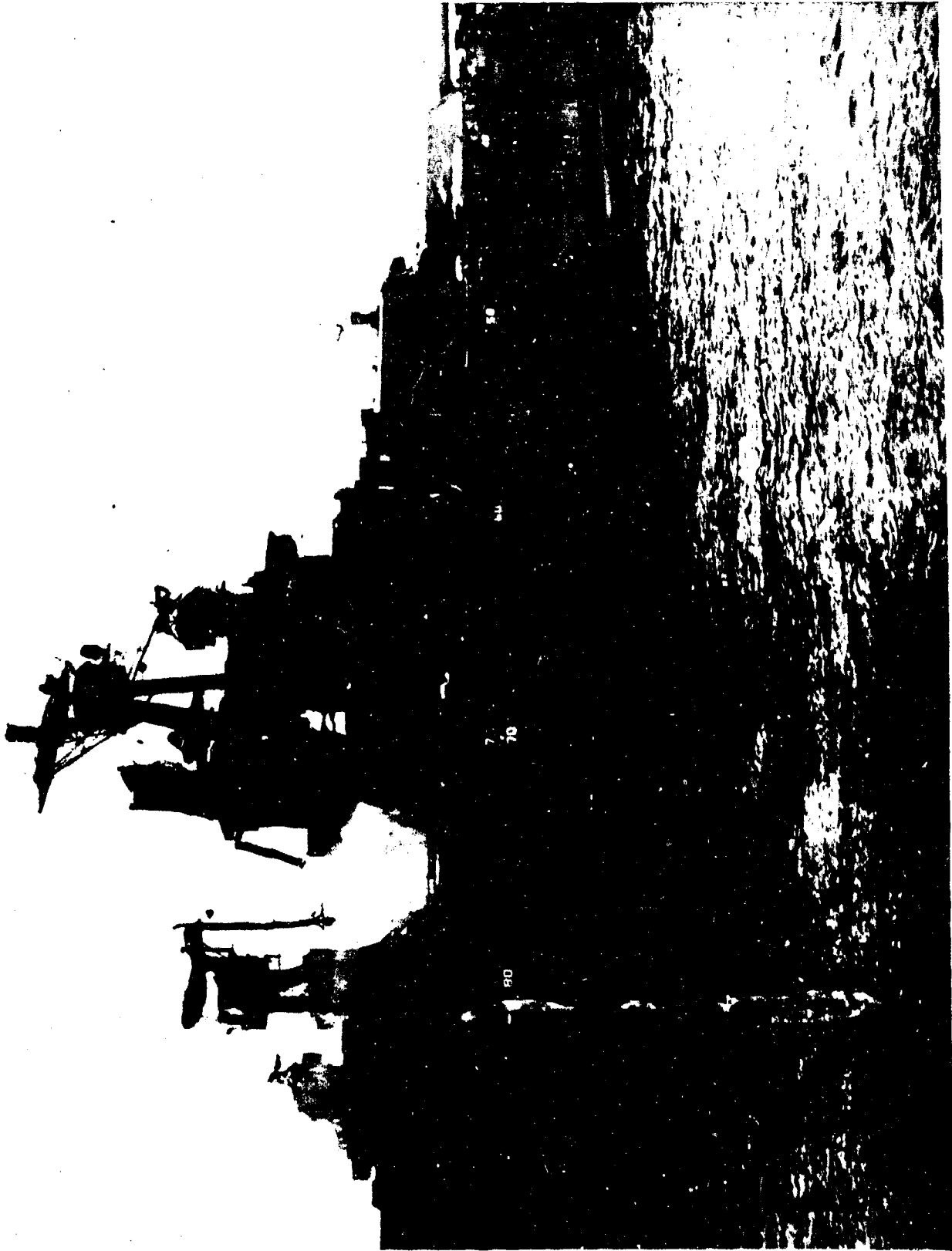
AB-CR-175-2154-9. Looking aft and inboard from about frame 86, port side of upper deck. Note damaged wiring trunk and damaged range-finders booth in back ground.

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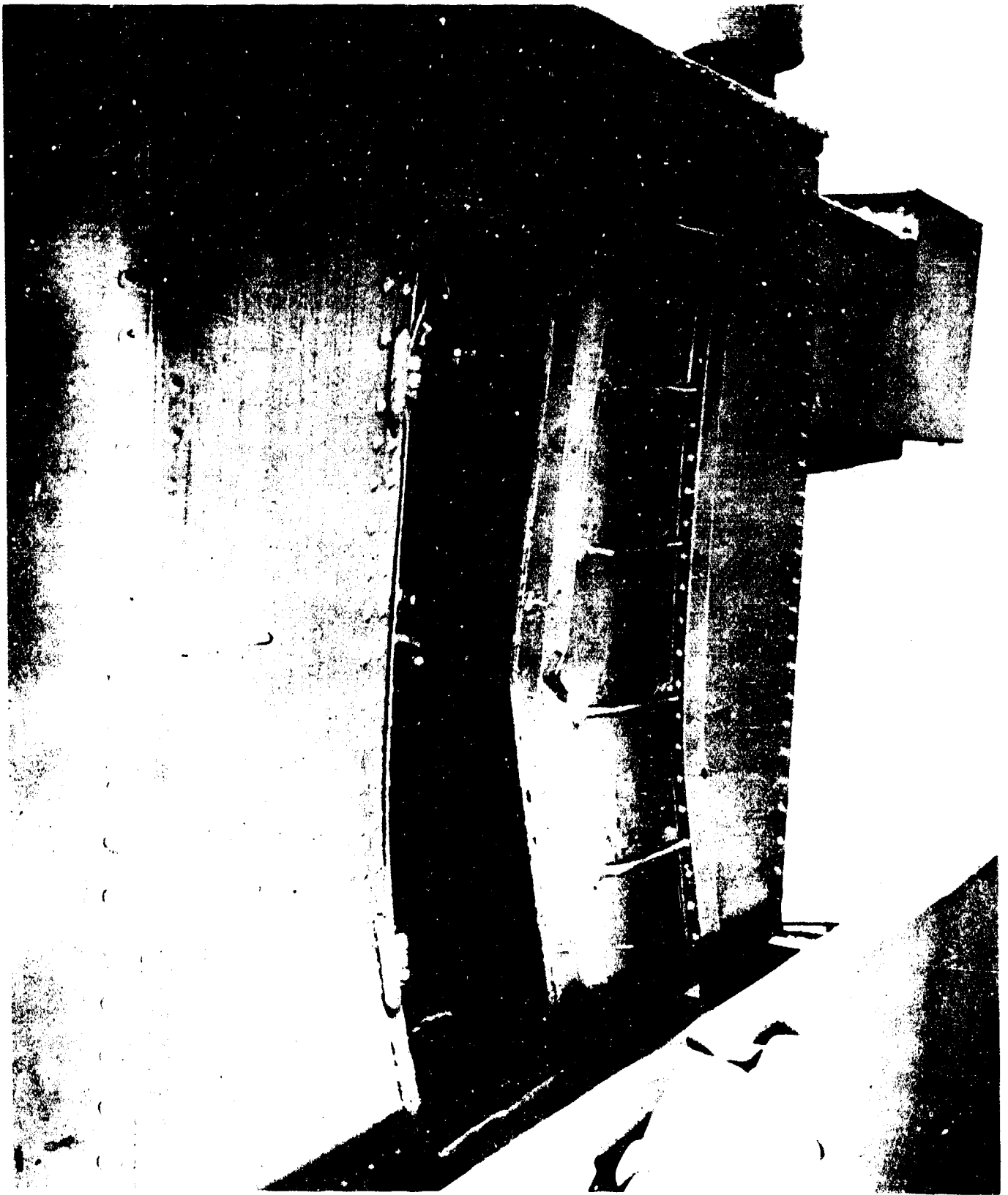
AA-CR-62-1832-9. Surfaces shot from starboard beam. Note smoke from fire on superstructure deck, frame 75.

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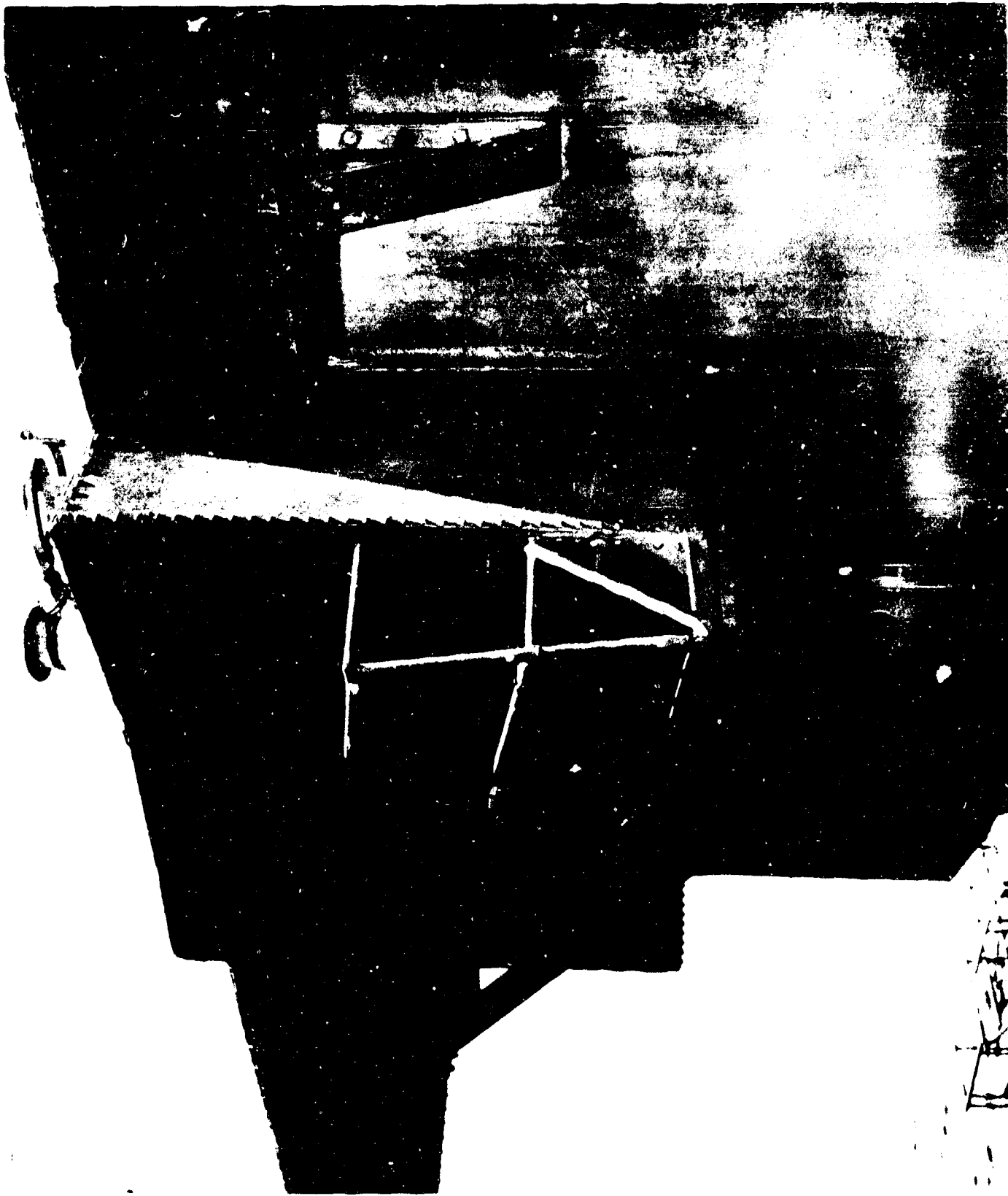
AA-CR-65-1742-6. Blast damage to rear of rangefinder booth, turret No. 2.

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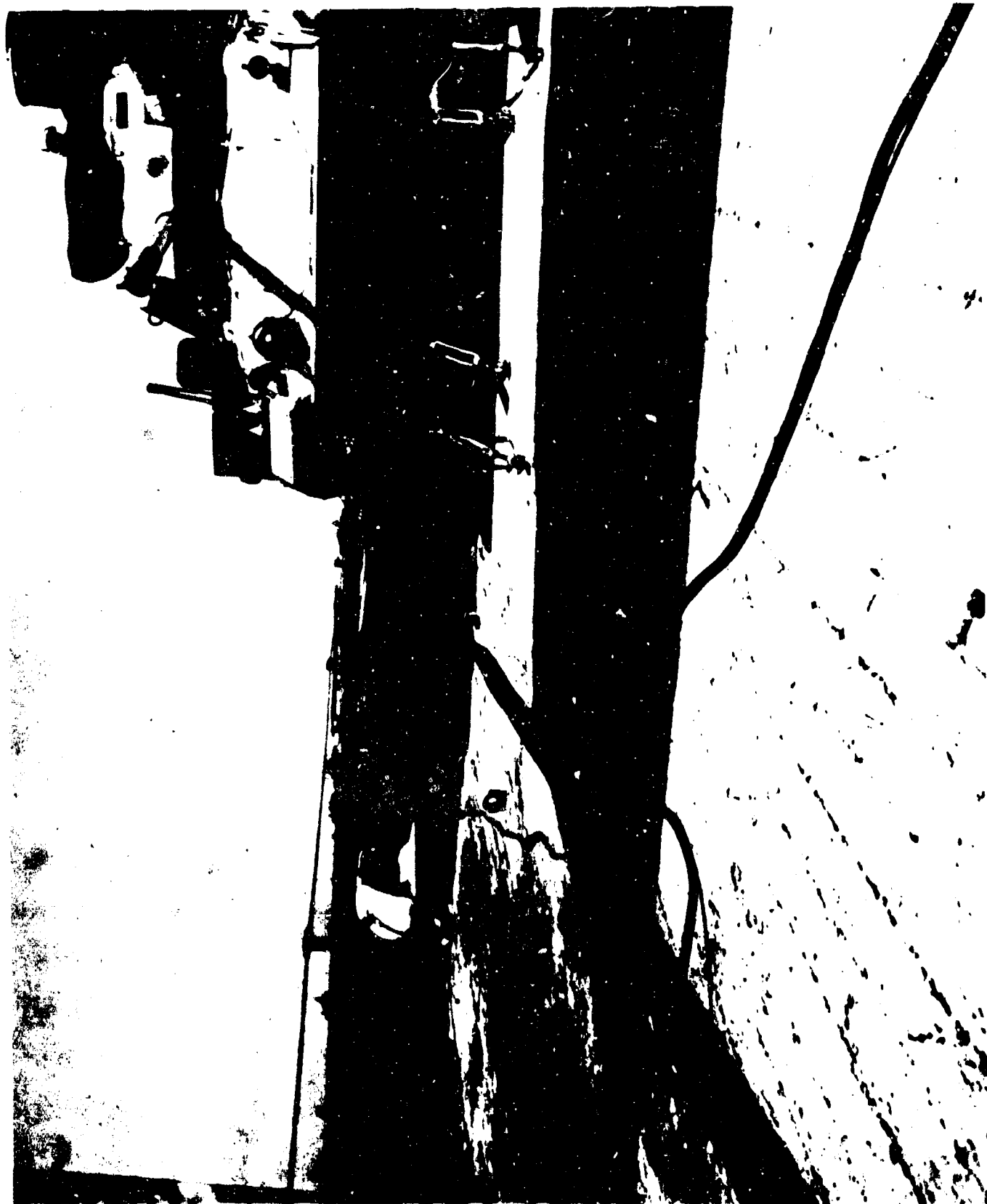
AA-CR-80-1911-2. Damaged rangefinders booth on turret No. 3, looking aft and to starboard from superstructure.

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AA-CR-80-1909-11. Upper deck looking aft along port side from frame 30 showing mild deck deflections beginning at frame 32.

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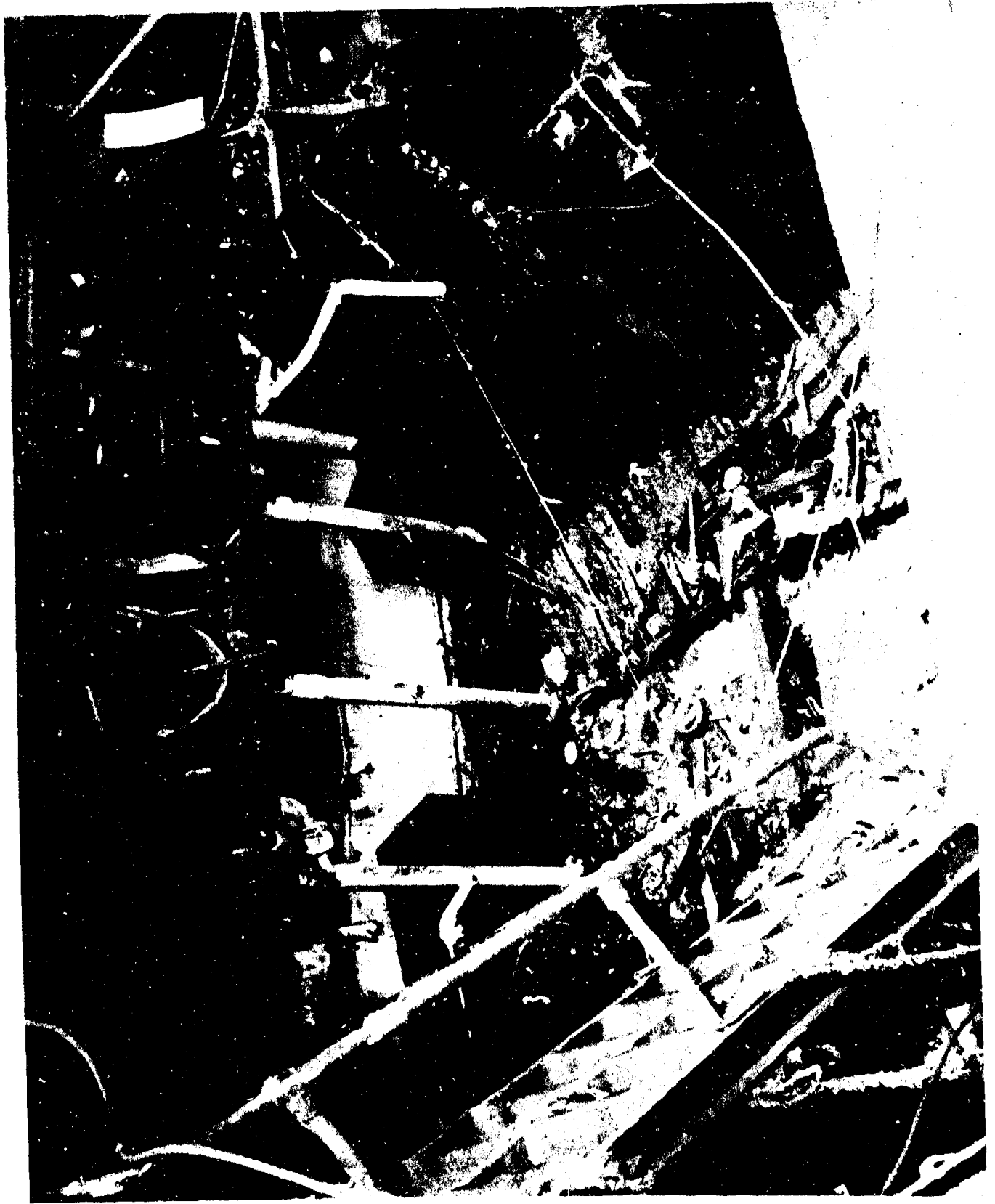
AA-CR-175-2137-6. Looking down, aft, and to starboard from frame 86, at collapsed section in portside of main deck.

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AA-CR-68-1747-2. Looking aft and inboard from frame 86, port, at collapsed section in main deck.

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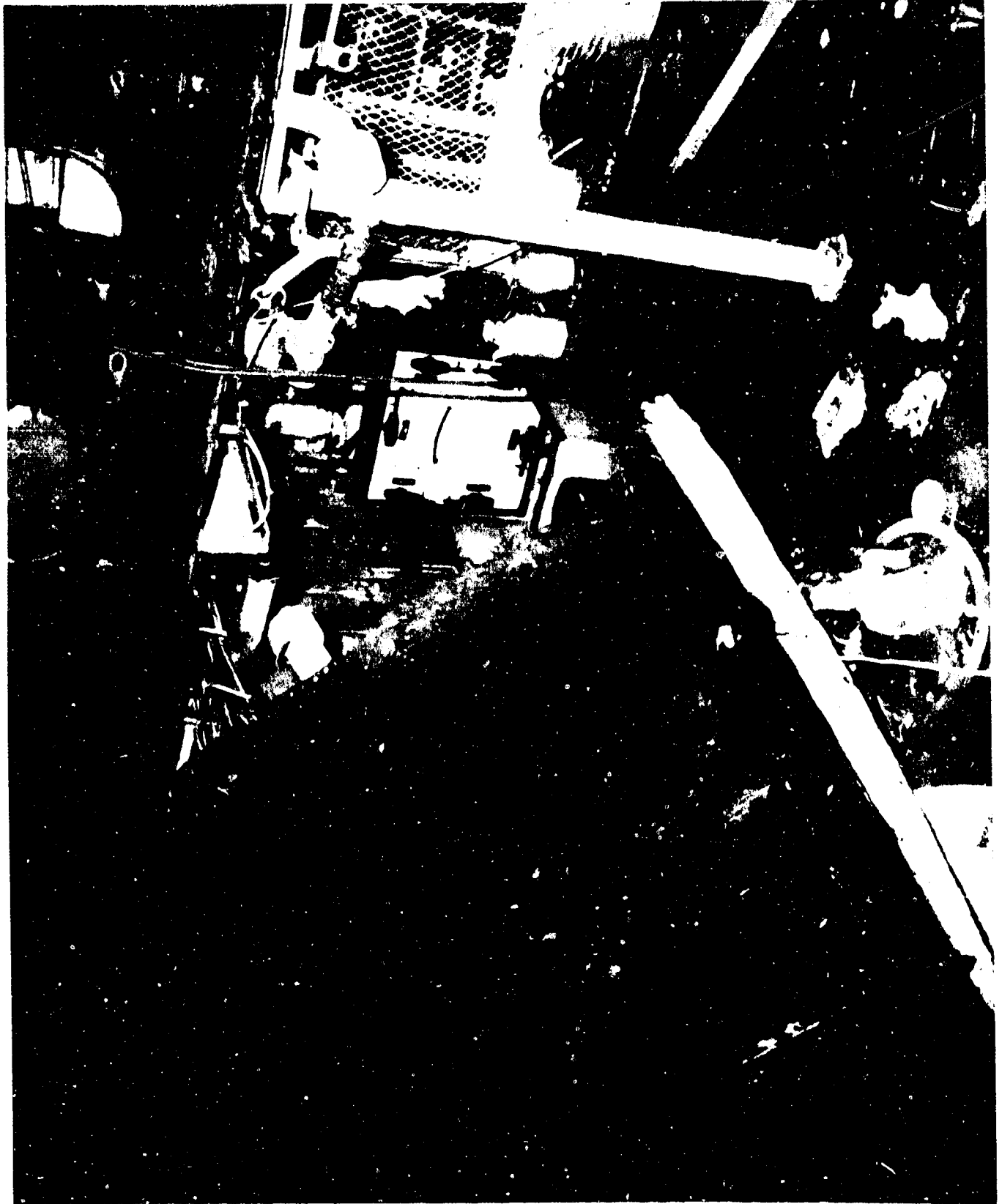
AA-CR-175-2137-7. Looking down and forward at collapsed section in port side of main deck centered at about frame 88.

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AA-CR-65-1742-10. Caved in deck over machinery access opening, main deck, looking forward from port. The tear has progressed beyond the forward edge of the hatch, frame 88 to about frame 86.

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AA-CR-175-2136-11. Compartment C-291-1L. Looking forward and to port on second deck at after portion of collapsed main deck (port side of frame 86-91). Note buckled stanchion at frame 91.

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AA-CR-175-2136-10. Compartment C-291-1L. Looking forward and to starboard on second deck at after portion of collapsed main deck (port side of frames 86-91). Note buckled stanchion at frame 91.

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AA-CR-175-2137-4. Compartment C-291-1L. Looking aft and outboard at outboard edge of main deck failure (collapsed section, port side, frames 86-91.) Note transverse beam and failures at longitudinal bulkhead.

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AA-CR-175-2137-3. Compartment C-291-1L. Looking aft from second deck at outboard edge of main deck failure. Collapsed area is on port side, frames 86-91.

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AA-CR-175-2137-5. Crew's berthing, C-291-1L, second deck, looking inboard along frame 86 at forward extremities of collapsed section on main deck, port side, frame 86-91.

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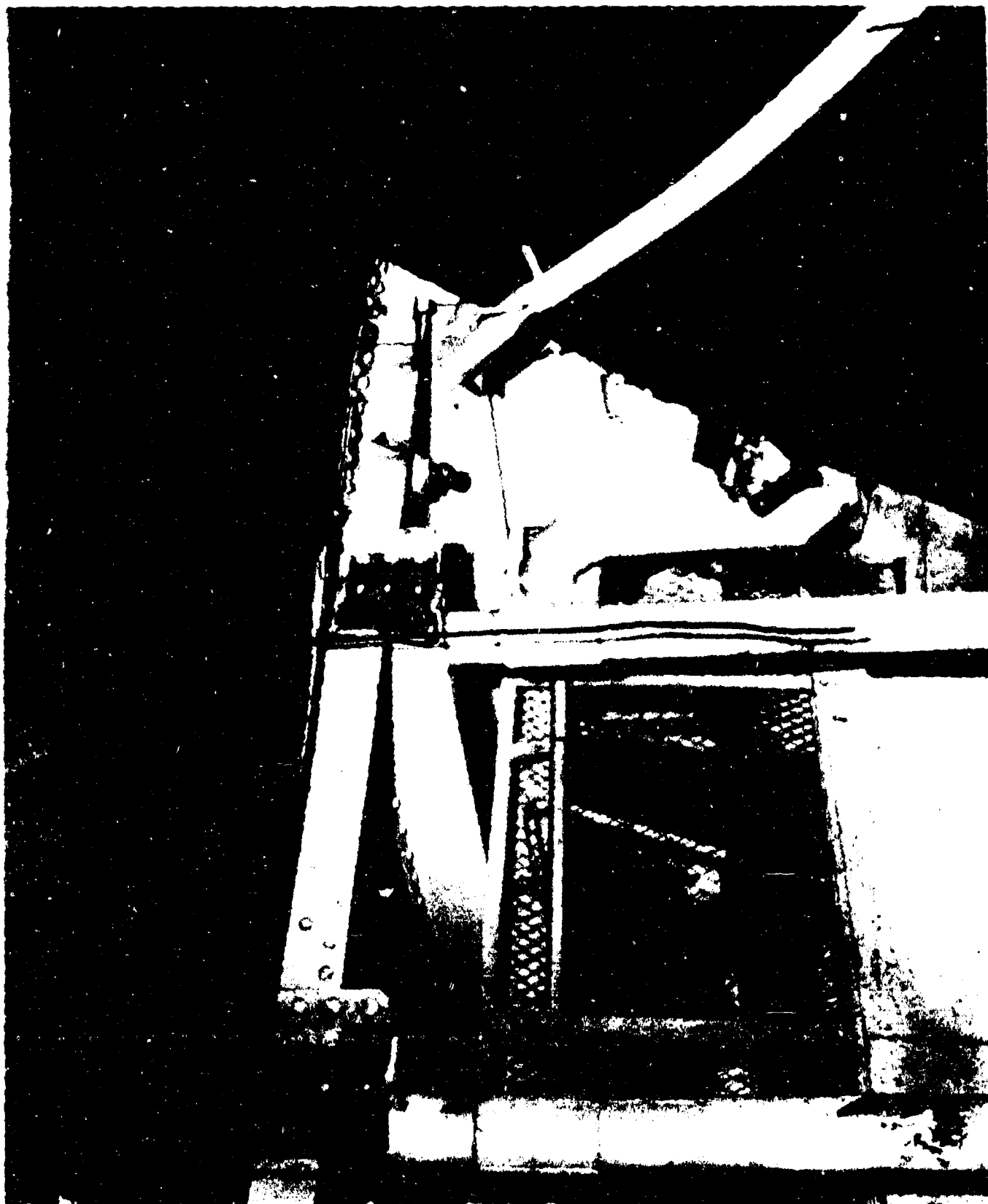
AA-CR-175-2137-2. Compartment C-291-1L. Looking forward and to starboard from the second deck at inboard line of failure of main deck beams and deck plating. Collapsed area is on port side, frames 86-91.

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AA-CR-175-2137-1. Compartment C-201-1L. Looking aft and to starboard from the second deck at inboard line of failure of main deck beams and deck plating. Collapsed area is on port side, frame 86-91.

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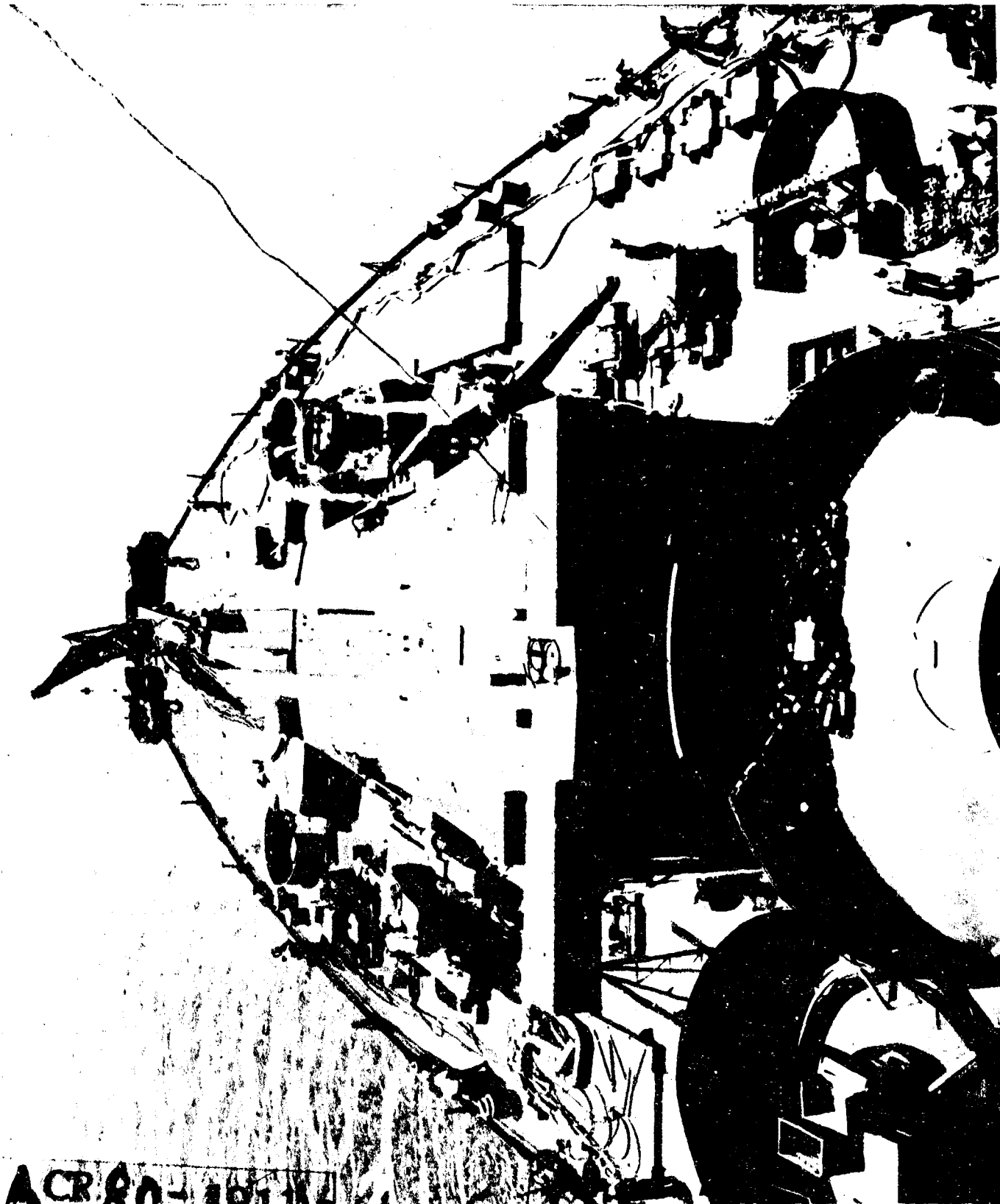
AA-CR-175-2136-12. Compartment C-291-1L. Looking forward on second deck along inboard edge of collapsed section of main deck (port, frames 86-91).

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AA-CR-80-1911-7. Topside photograph looking down and aft from main-mast structure level.

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AA-CR-80-1893-10. Looking inboard from starboard side of the main deck at frame 110.

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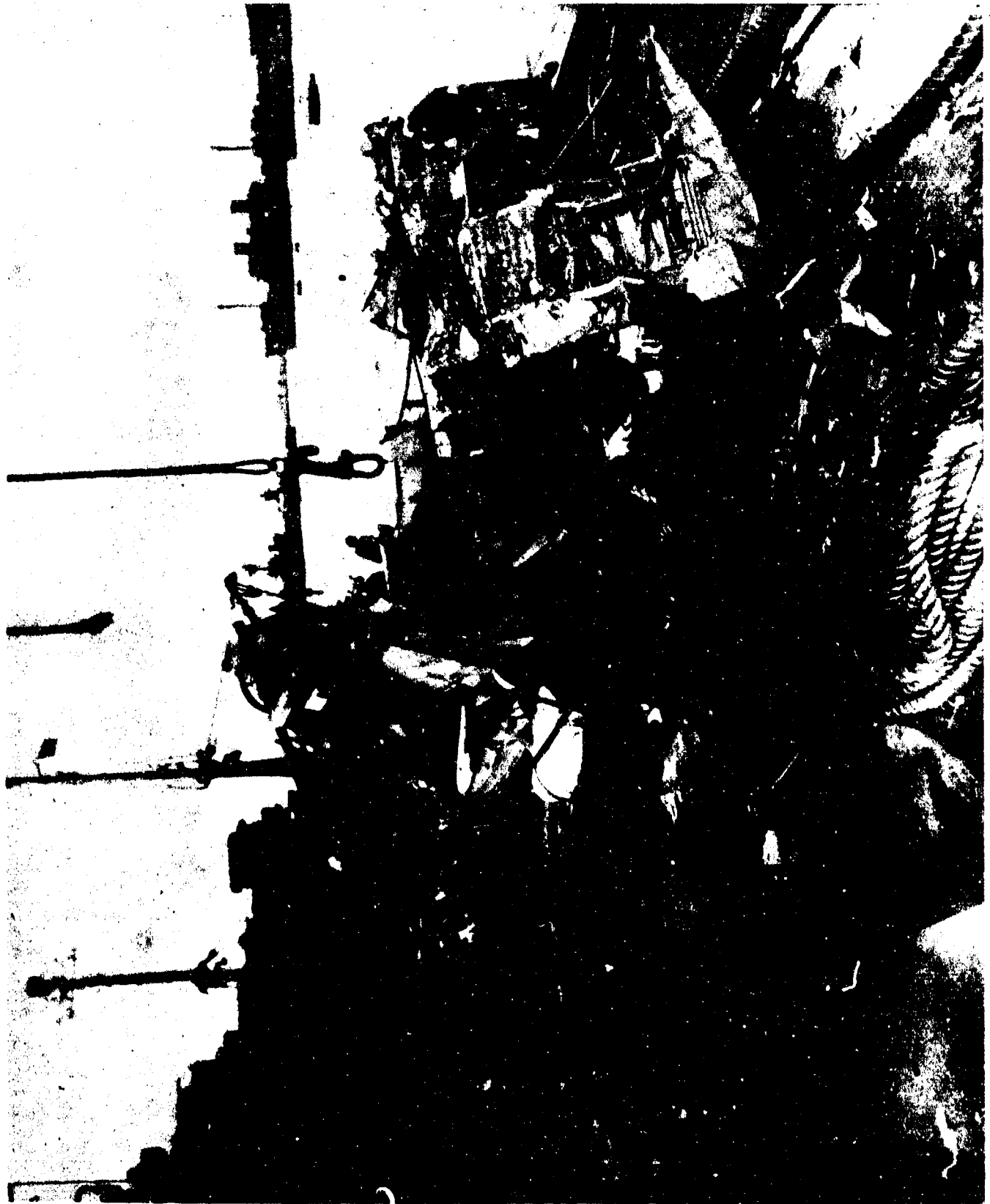
AA-CR-80-1909-3. Main deck looking forward along port side from frame 138. Note ridge in deck at bulkhead 132 (below deck).

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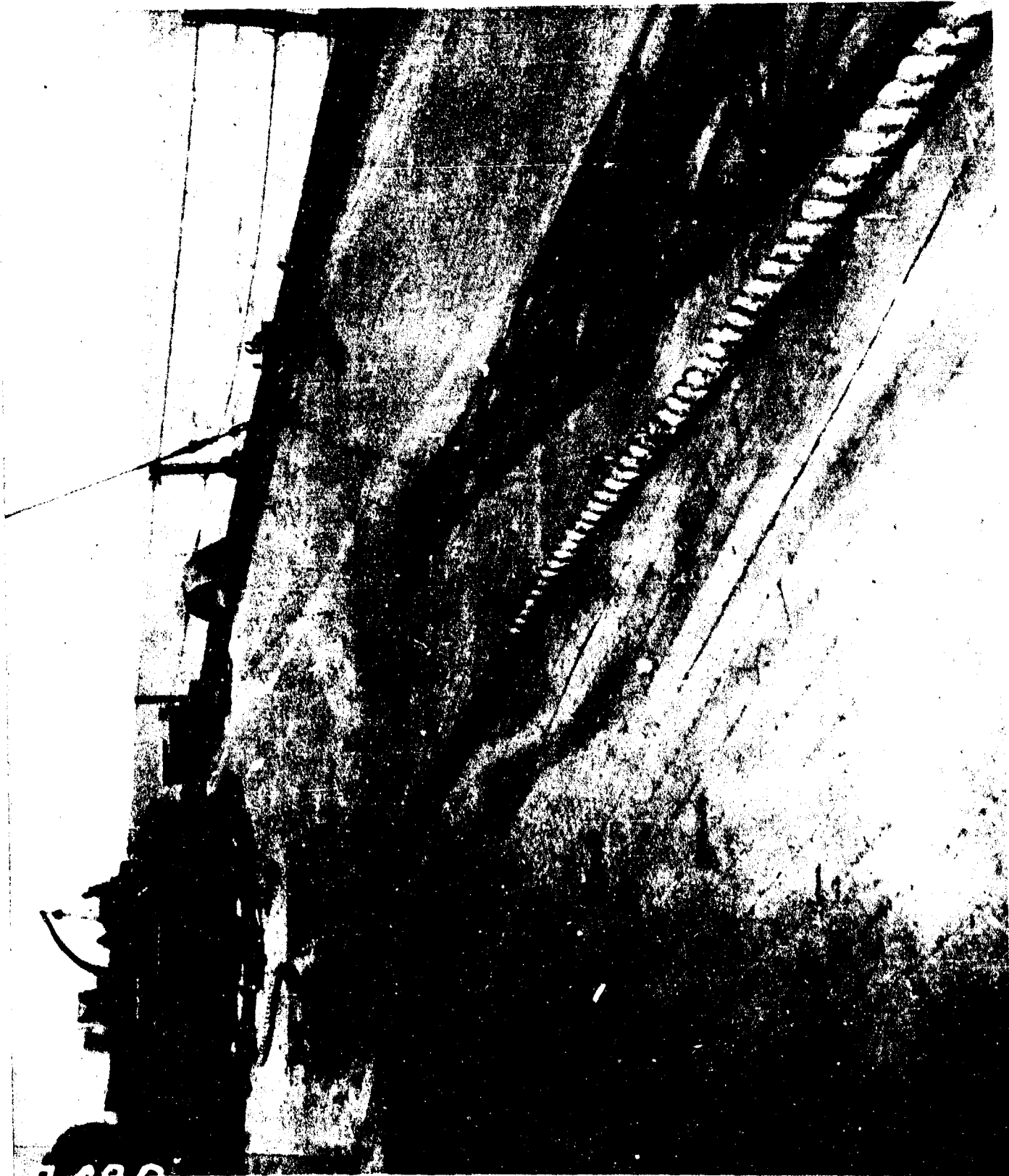
AA-CR-79-1935-2. Main deck, looking forward and to starboard from about frame 135 at centerline showing plane wreckage and general debris.

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AA-CR-80-1909-2. Main deck looking forward and to starboard from about frame 138 near centerline after cleaning up. Note deck deflection and ridge with fractured wooden deck covering at bulkhead 132.

(below deck).

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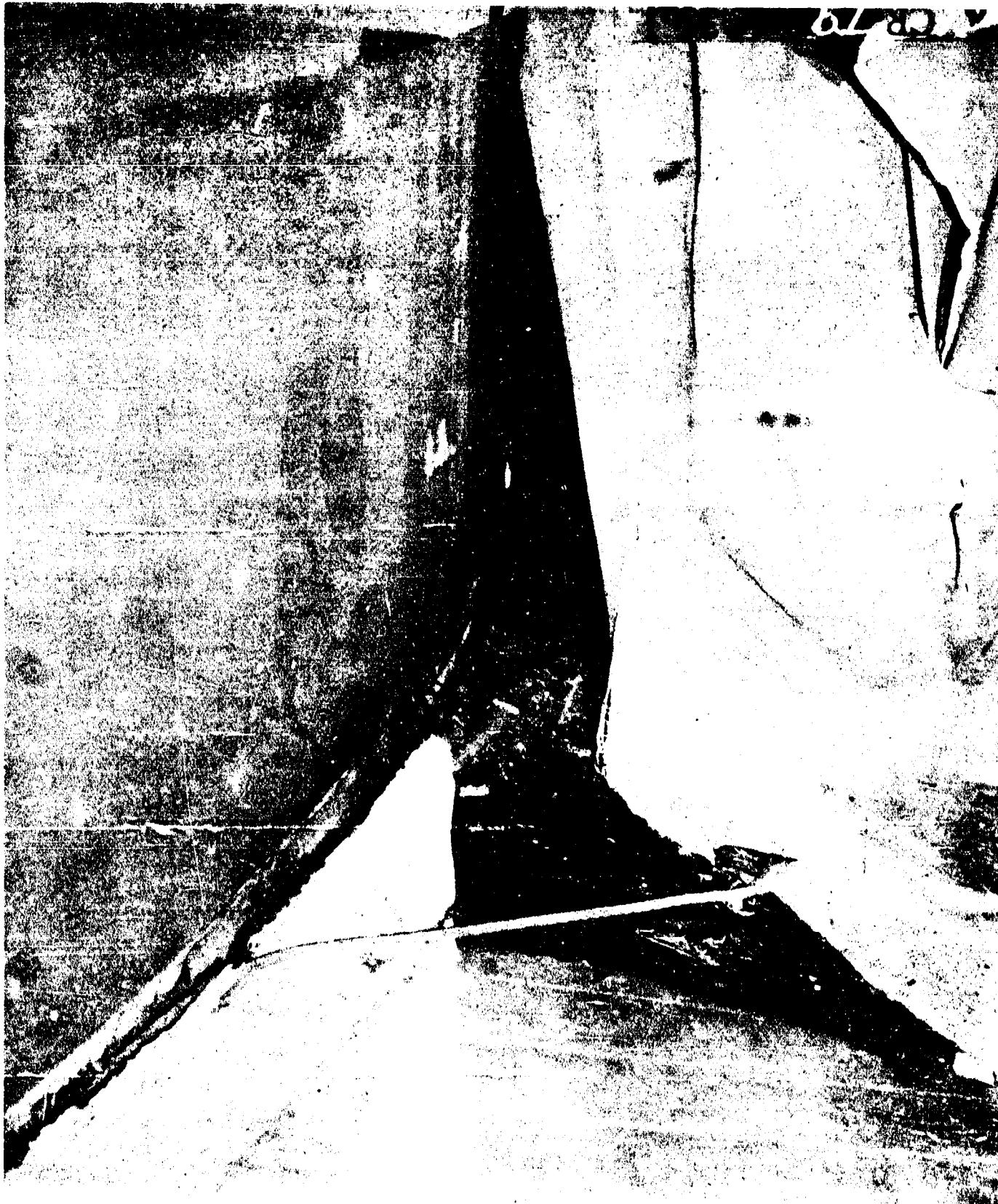
AA-CR-80-1909-6. Looking forward along the centerline of the main deck from frame 127. Note deck deflection forward from bulkhead 122. (below deck) Turret No. 4 is in background.

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AA-CR-79-1935-5. Looking to starboard on main deck at after side of turret No. 4. Note deck pulled away from barbette, frame 116 1/2.

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AA-CR-65-1743-2. Burned area of wood deck which was covered by
burned canvass, upper deck, frame 9, starboard.

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AA-CR-65-1743-1. Fire damage to wood deck, frame 21, near port rail.

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AA-CR-65-1742-11. Burned canvas on upper deck, frame 39, port.

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AA-CR-65-1817-1. Burned area on main deck, frame 144, starboard, under burned coil of line.

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AA CR 80-1900-1 5

AA-CR-80-1900-5. Superstructure, looking forward from port side of main deck from frame 98. Note port quarter deck boom thrown upward and bent.

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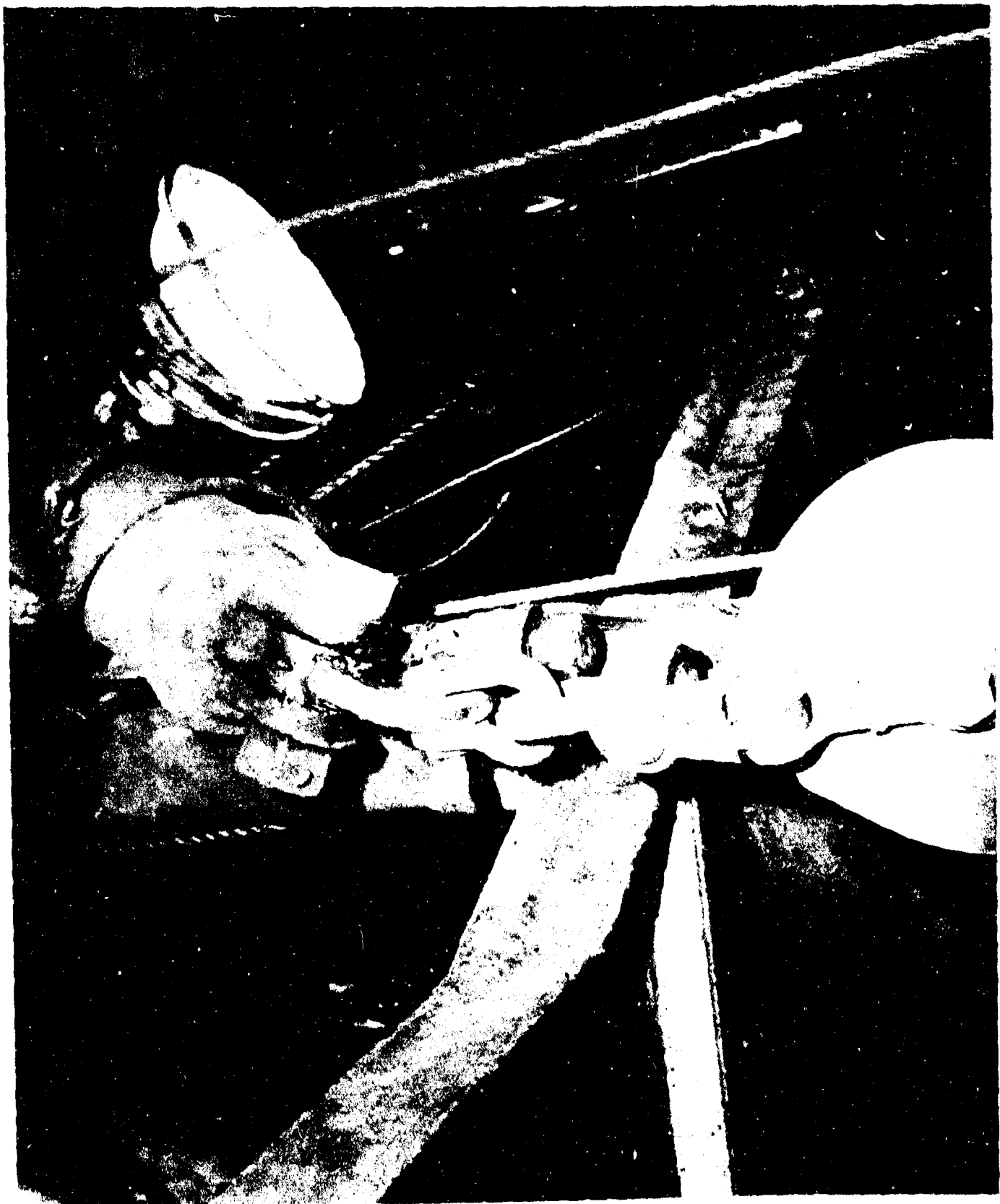
AA-CR-100-1889-7. Port cargo boom at frame 85 1/2, showing bend in boom and location of boom after Test A.

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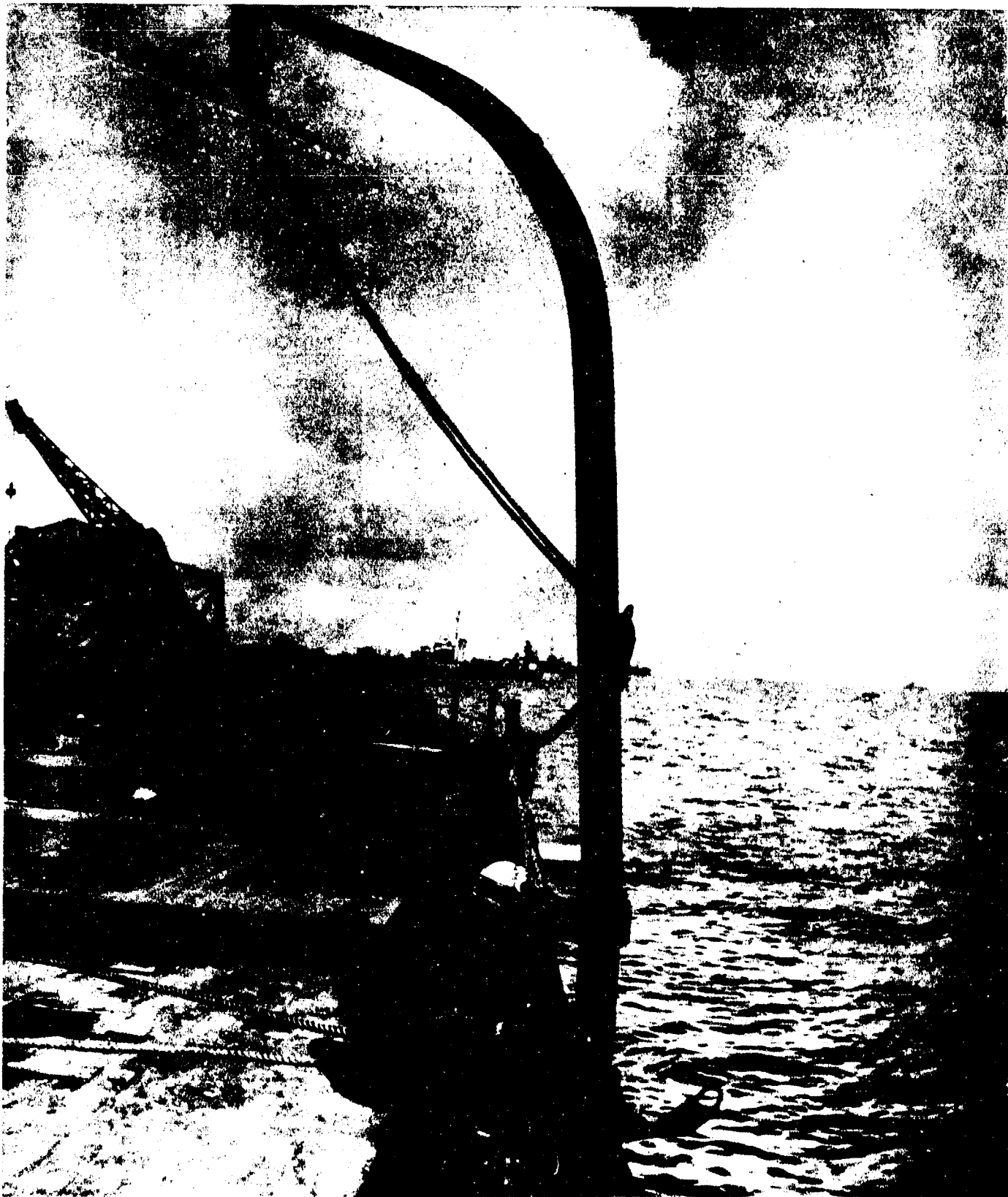
AA-CR-100-1889-5. End fitting of port cargo boom, frame 85 1/2.
Looking inboard and forward. Note twist in fitting.

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AA-CR-100-1889-8. Port side ladder davit, frame 105, showing bend above deck edge fitting.

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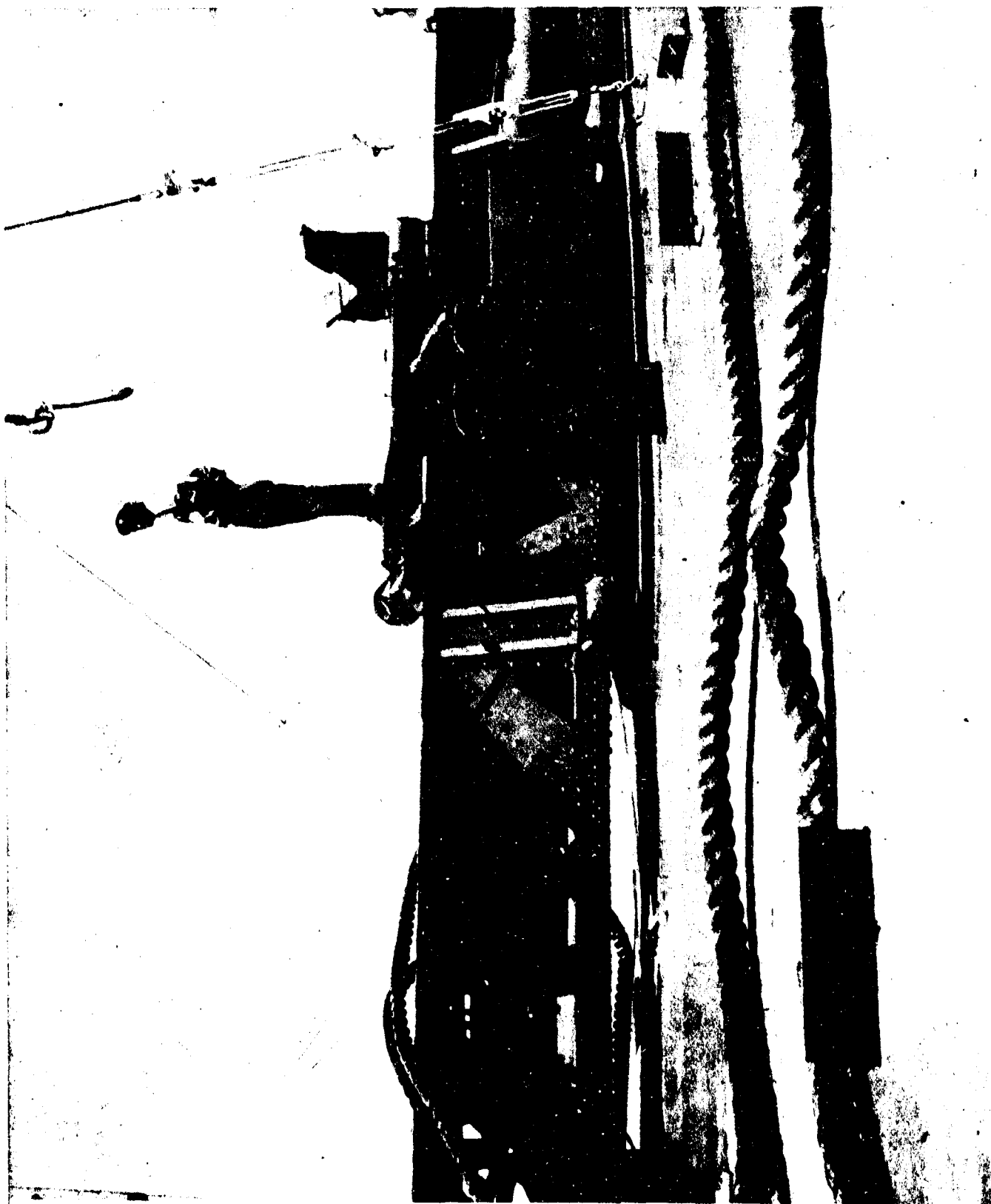
AA-CR-80-1893-9. Superstructure from starboard quarter.

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AA-CR-80-1909-5. Looking inboard from starboard side of main deck at frame 128 showing catapults.

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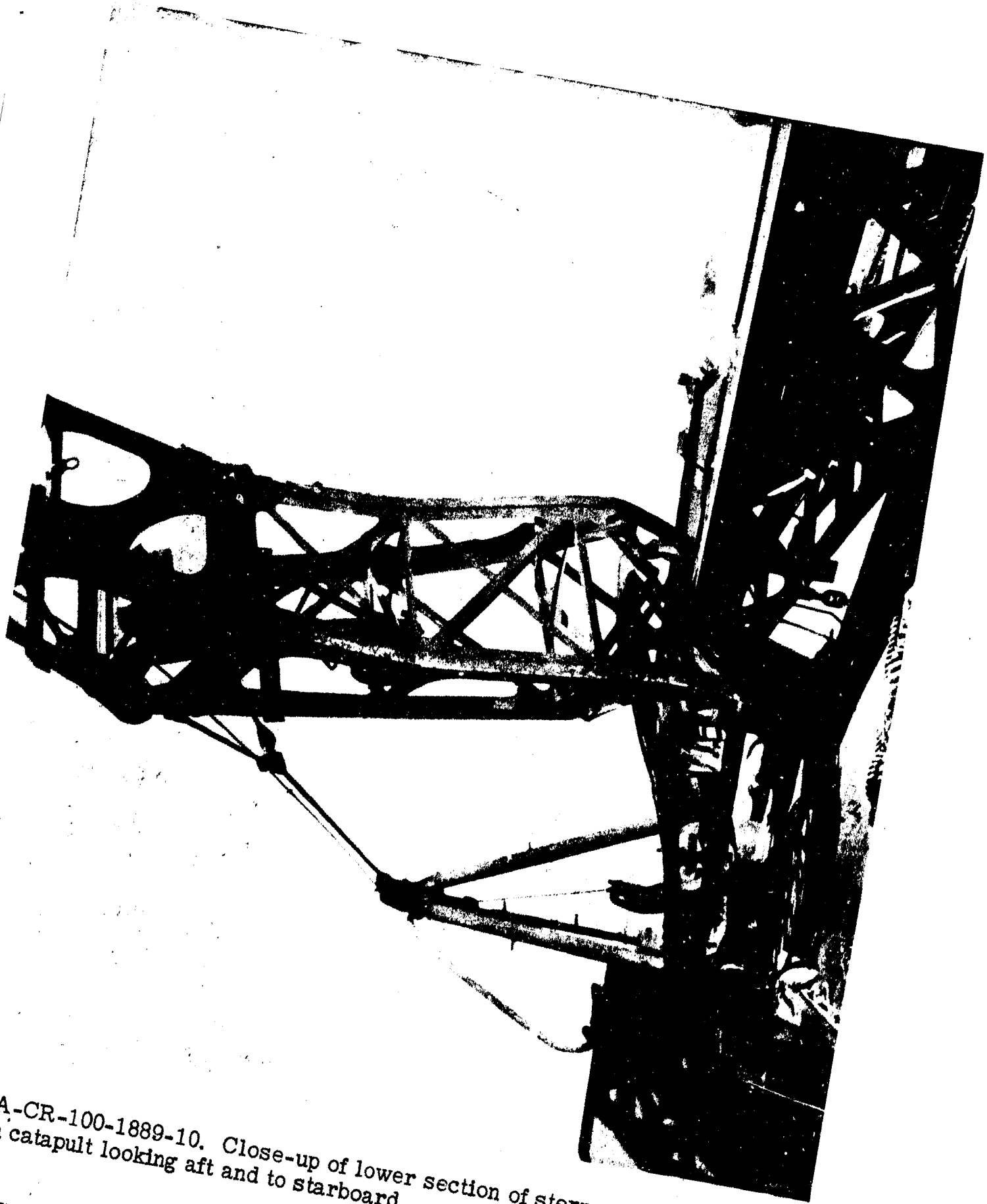
AA-CR-100-1889-9. Stern crane, showing lower section buckled and resting on the catapult. Looking aft and to starboard.

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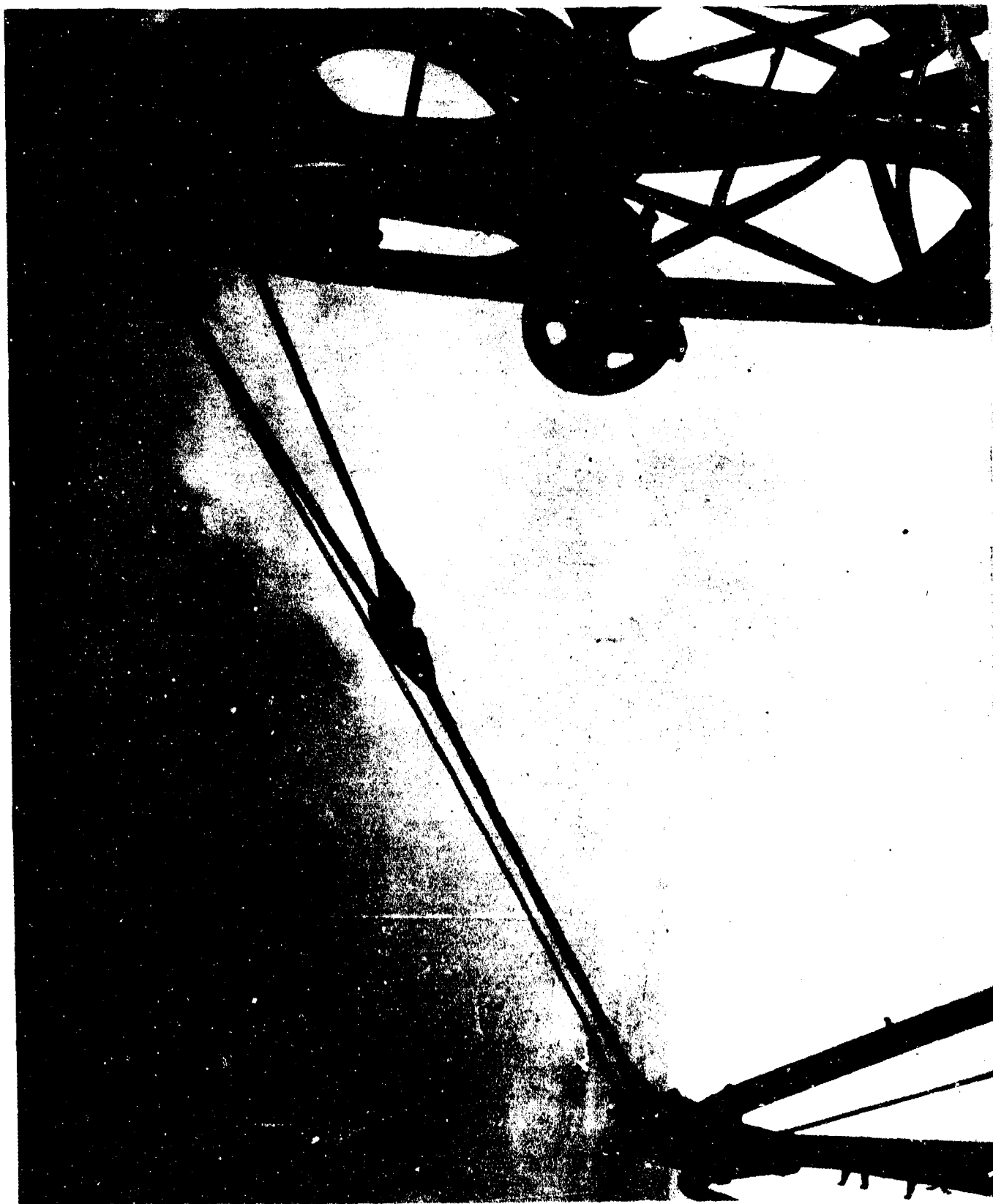
AA-CR-100-1889-10. Close-up of lower section of stern crane resting on catapult looking aft and to starboard.

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AA-CR-100-2198-1. View of stern crane backstay.

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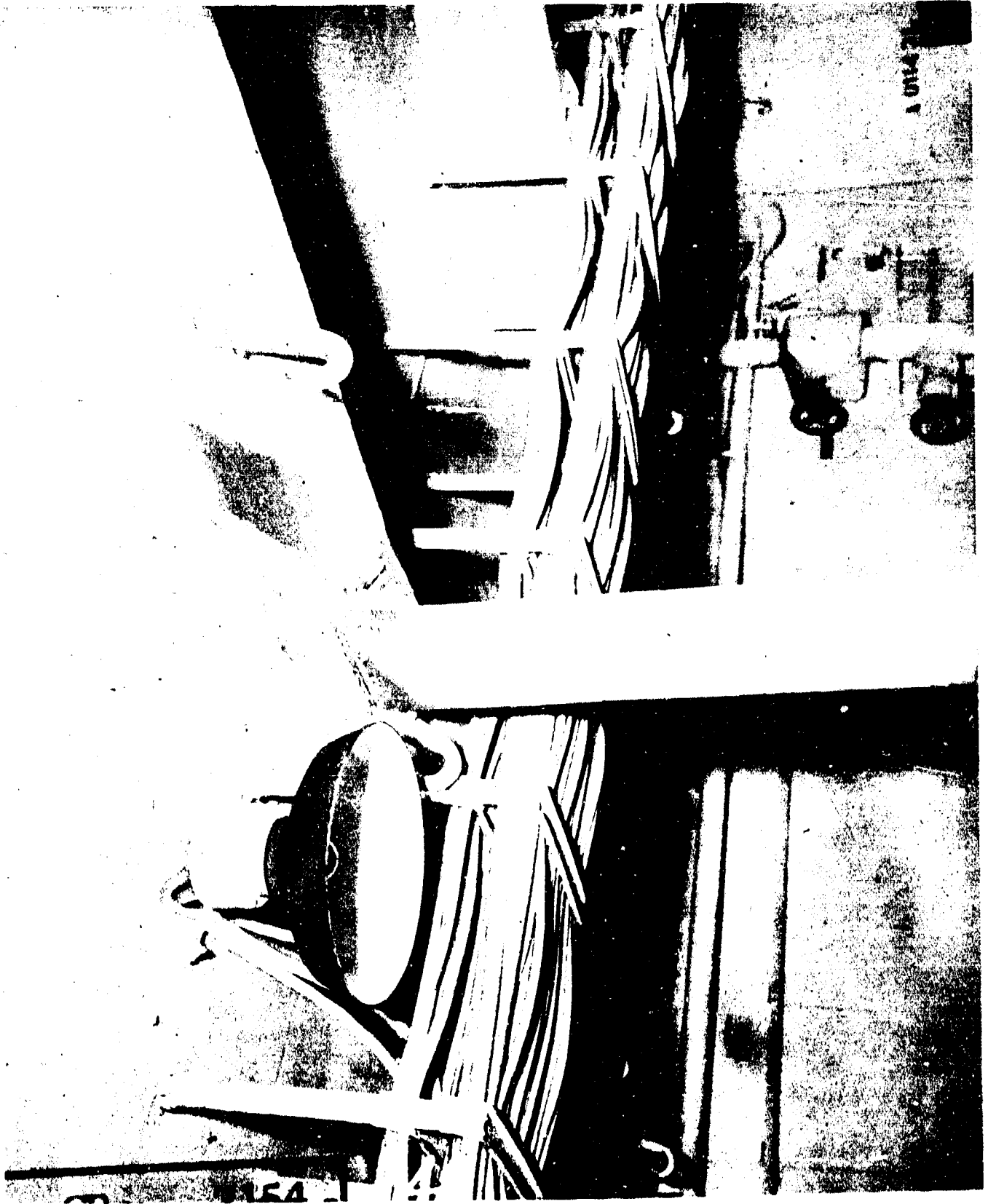
AA-CR-100-1889-12. Detail of failure of lower section of crane.

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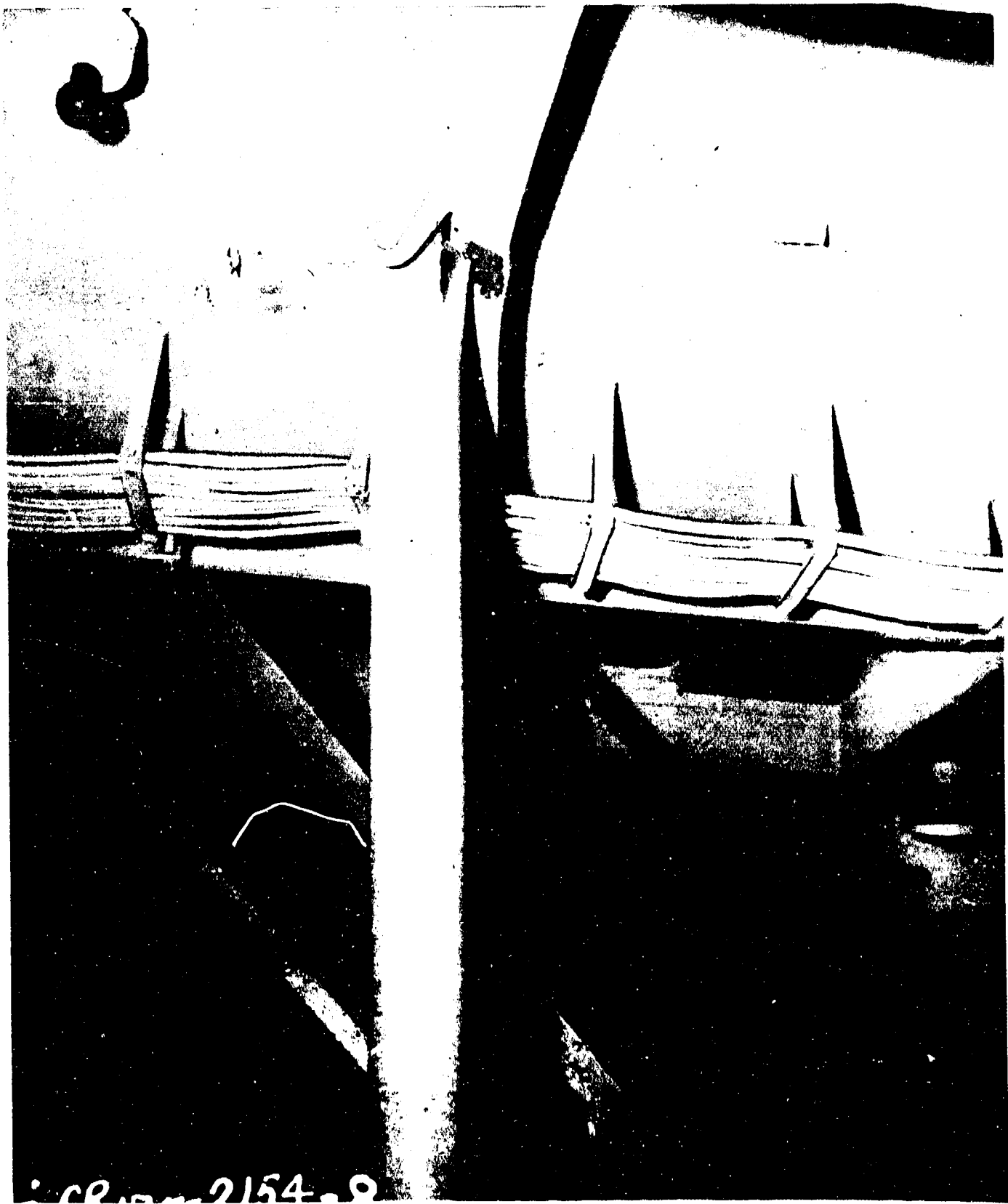
AA-CR-175-2154-4. Crew's space. A-0114L. Stanchion 16 feet off centerline at frame 66, upper deck level, starboard side, looking inboard, showing tripping of beam and deformation of stanchion.

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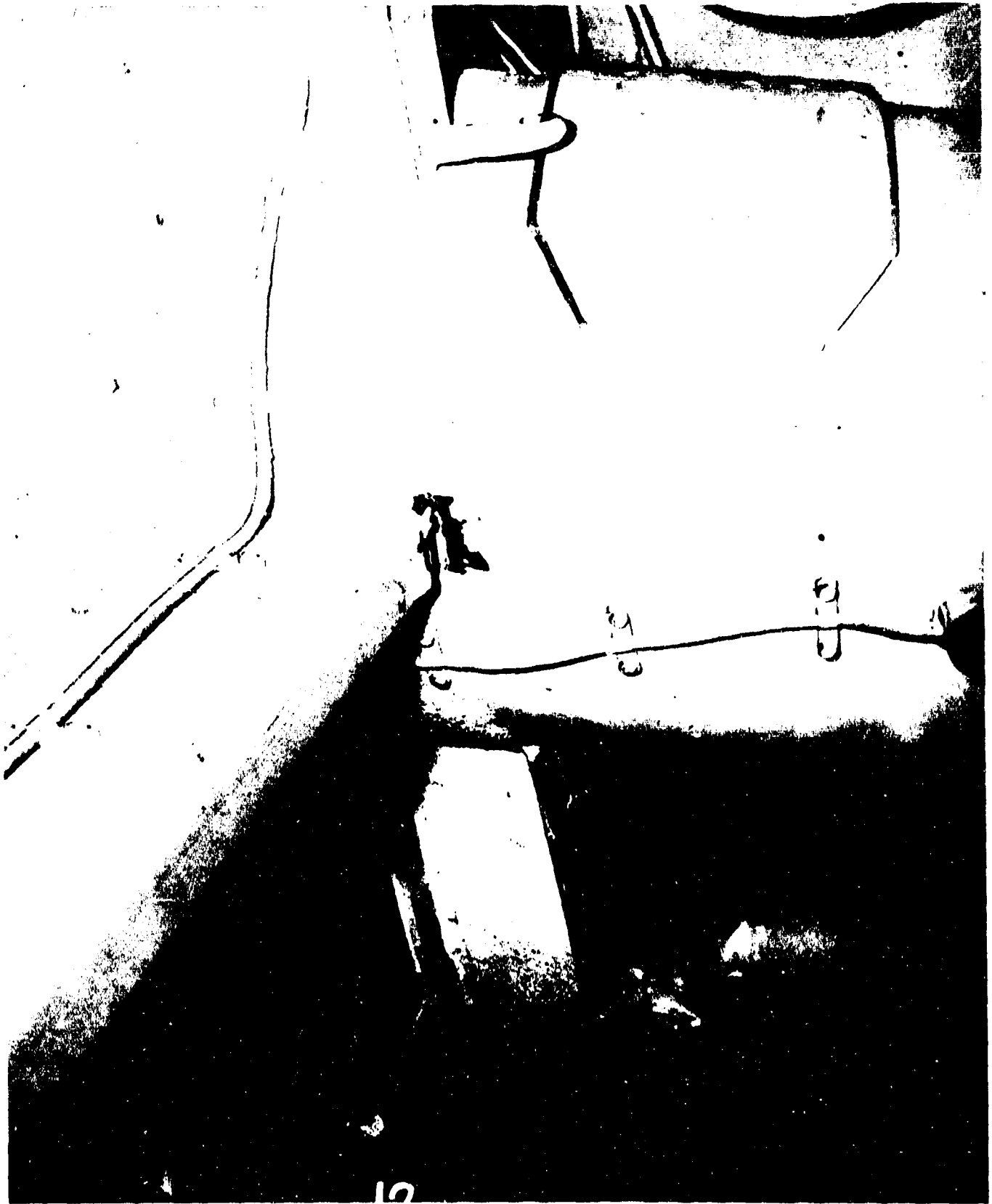
AA-CR-175-2154-8. Crew's space. A-0114L. Stanchion (16 feet off centerline) at frame 66, upper deck level, port side, showing tripped beam and split stanchion.

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AA-CR-175-2137-12. Crew's space. A-0114L. Upper deck level, frame 68. Starboard leg of forward tripod, looking aft showing crumple in flange of longitudinal and slight dish in leg at this point.

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AA-CR-175-2154-3. Crew's space. A-0114L. Upper deck level. Port leg of forward tripod looking aft and slightly outboard, frame 69, showing crumple in lower flange of longitudinal and slight dish in leg.

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AA-CR-175-2137-9. Port leg of forward tripod, frame 69, looking aft, showing crack in leg just above weld, superstructure deck level.

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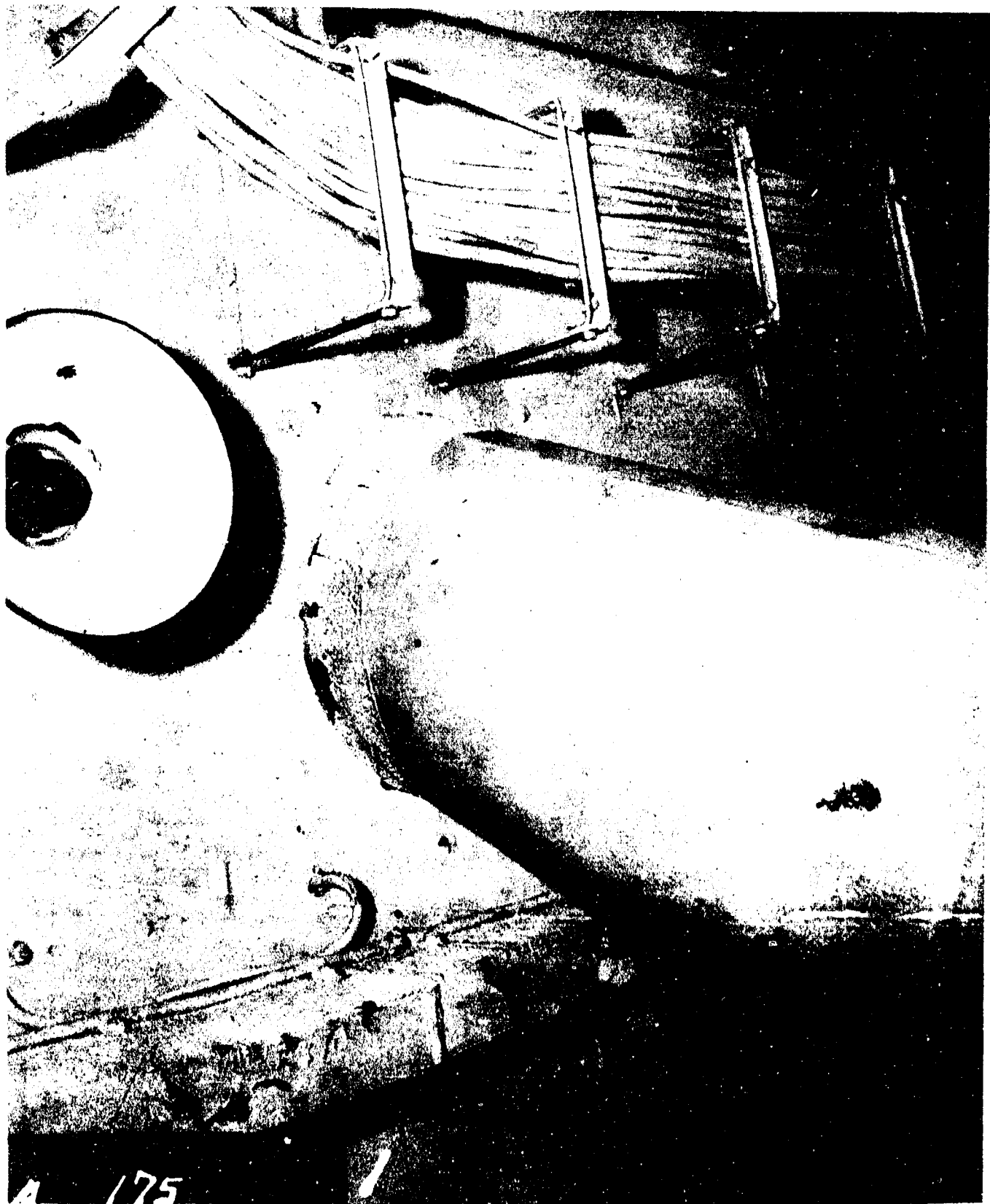
AA-CR-175-2154-2. Crew's space. A-0114L. Upper deck level. Forward leg of port director tub, frame 68-69, looking up and slightly outboard.

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AA-CR-175-2154-1. Crew's space. A-0114L. Upper deck level. Forward leg of port director tub, frame 68-69, looking inboard, showing compression evidence at top of leg.

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AA-CR-175-2137-10. Crew's space. A-0114L. Upper deck level. Forward leg of starboard director tub, frame 68-69, looking inboard and slightly aft. Showing compression evidence at top of leg and twist in beam at frame 68.

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AA-CR-175-2137-11. Crew's space. A-0114L. Upper deck level. Forward leg of starboard director tub, frame 68-69, looking aft and outboard. Showing compression evidence at top of leg.

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AA-CR-175-2154-8. Crew's space. A-0114L, upper deck level. Deck beams, frames 84, 65 and 66 at longitudinal bulkhead 8 feet off center-line to port, looking aft.

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AA-CR-175-2154-5. Crew's space. A-Q114L. Deck beams under 02 level, frames 66, 67 and 68, at longitudinal bulkhead, 8 feet off center-line to starboard, looking aft.

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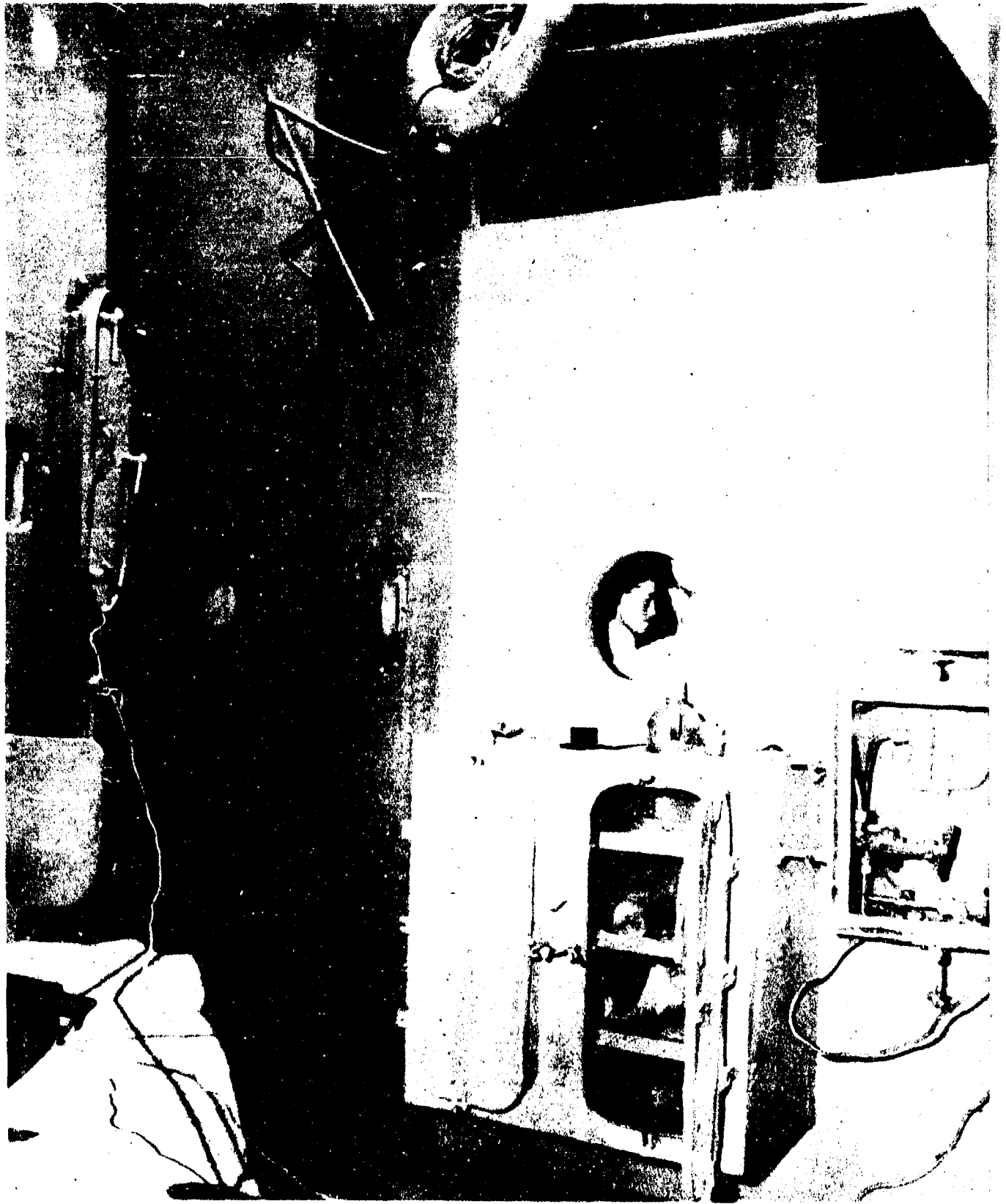
AA-CR-80-1910-1. Looking aft and inboard at starboard side of transverse bulkhead 61 on upper deck. Note that overhead has been slightly depressed buckling the bulkhead and door.

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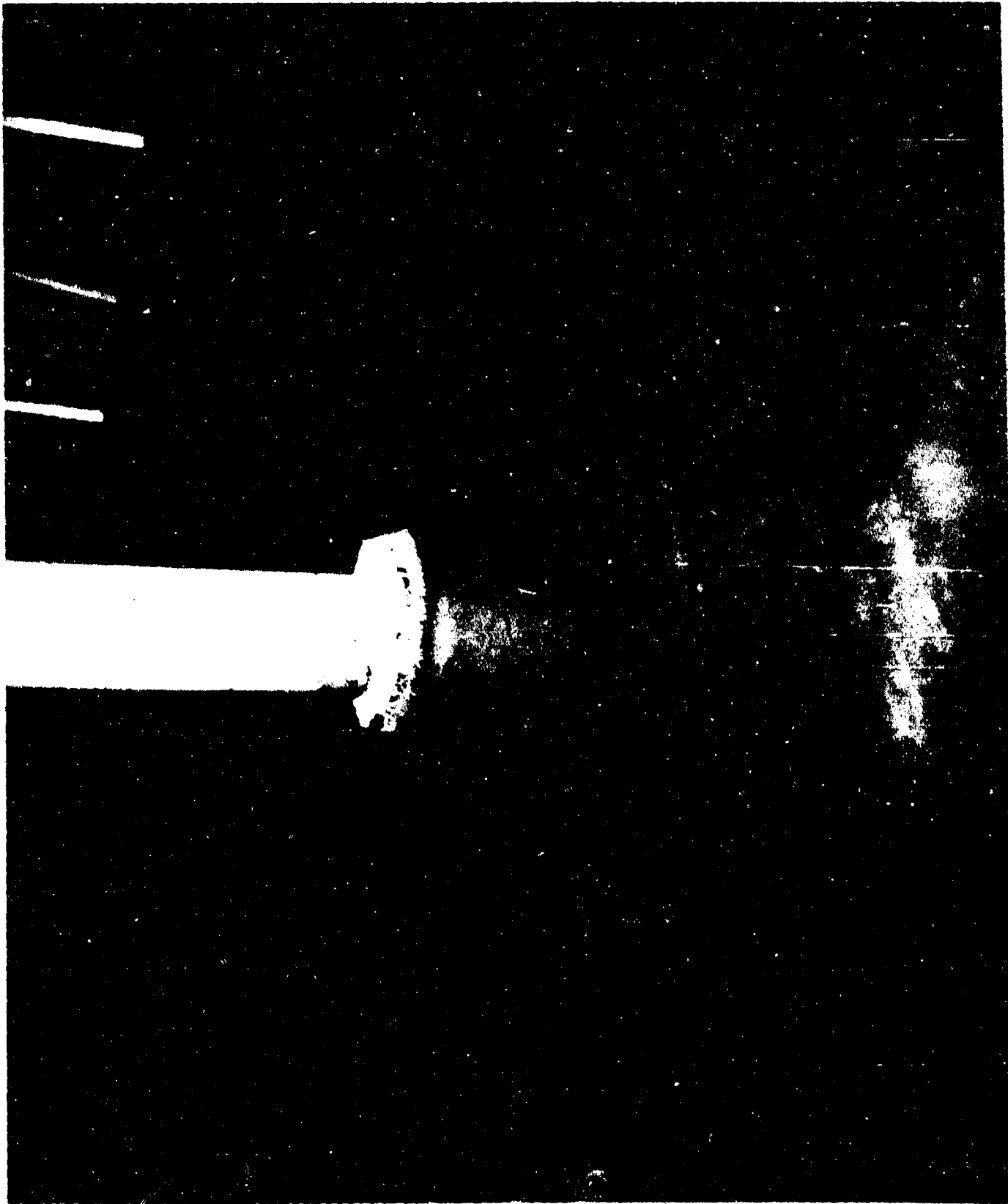
AA-CR-80-1910-3. Looking aft and inboard from frame 78 on starboard side of upper deck.

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AA-CR-175-2155-5. Wardroom. A-126-L. Looking aft and inboard at indentation punched in main deck by starboard stanchion at frame 25.

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AA-CR-175-2155-6. Wardroom. A-126-L. Local deflection of main deck in way of port stanchion, frame 28, looking forward and inboard.

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AA-CR-175-2155-7. Wardroom. A-126-L. Local deflection of main deck in way of centerline and port stanchion, frame 28.

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AA-CR-175-2155-10. Compartment A-224-3L. Transverse beam, frame 25, under main deck is crushed in way of misaligned starboard stanchion - stanchion above is offset 12 inches inboard. Looking forward and to port.

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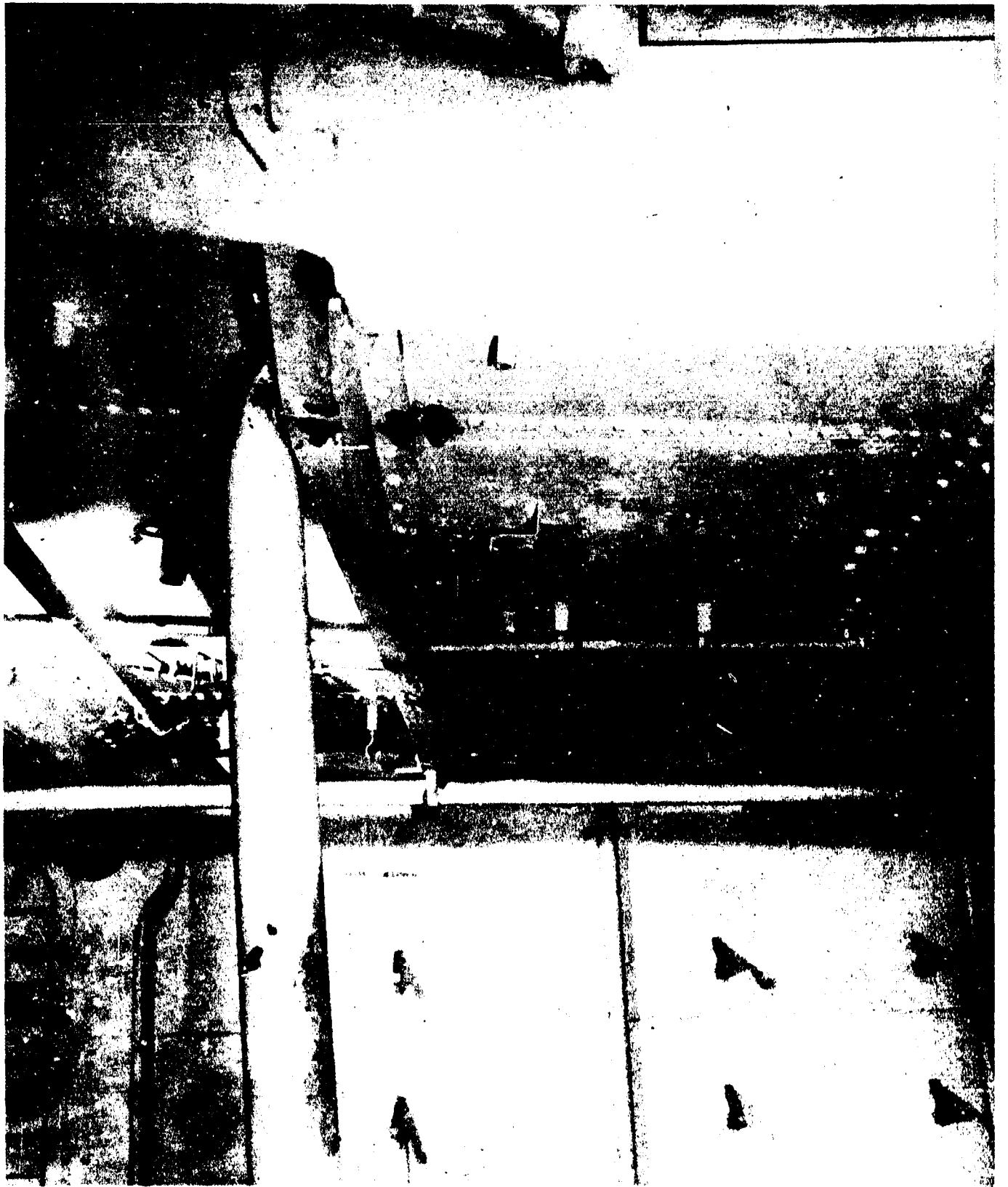
AA-CR-175-2136-6. Crew's berthing, D-201-4L, 2nd deck. Looking to port from centerline at buckle in aft face of bulkhead 97.

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AA-CR-175-2136-9. Crew's berthing, C-291-1L, 2nd deck, looking to port at frame 93, at damage to transverse beams under the main deck and to port stanchion.

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AA-CR-175-2136-4. Compartment C-291-1L. Looking forward and to port on second deck at damaged ventilation duct through starboard side of bulkhead 85.

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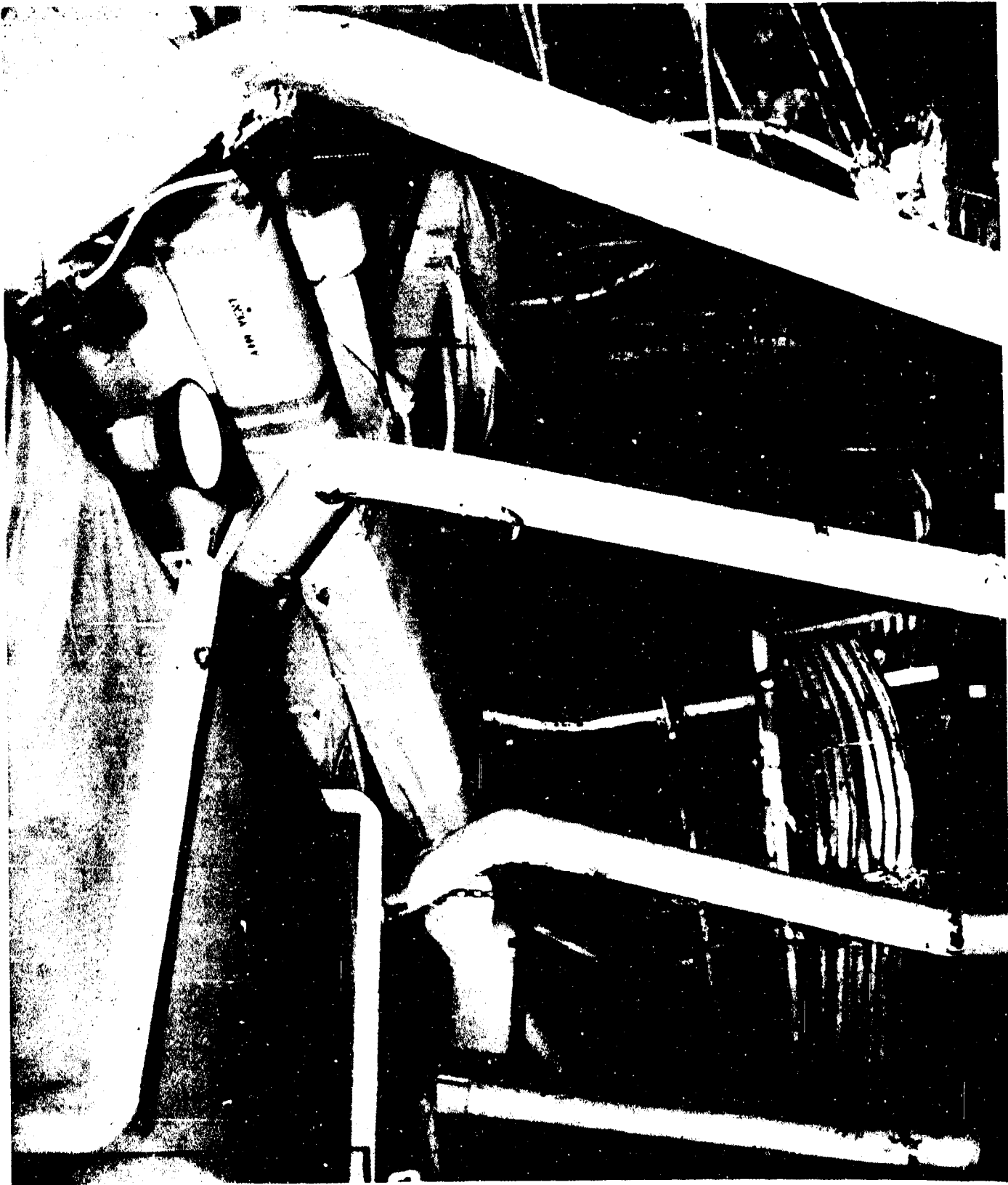
AA-CR-175-2136-3. Crew's berthing, D-203-1L, 2nd deck, looking at port face of centerline bracket connecting main deck girder to after face of No. 4 barbetti frame 116 1/2.

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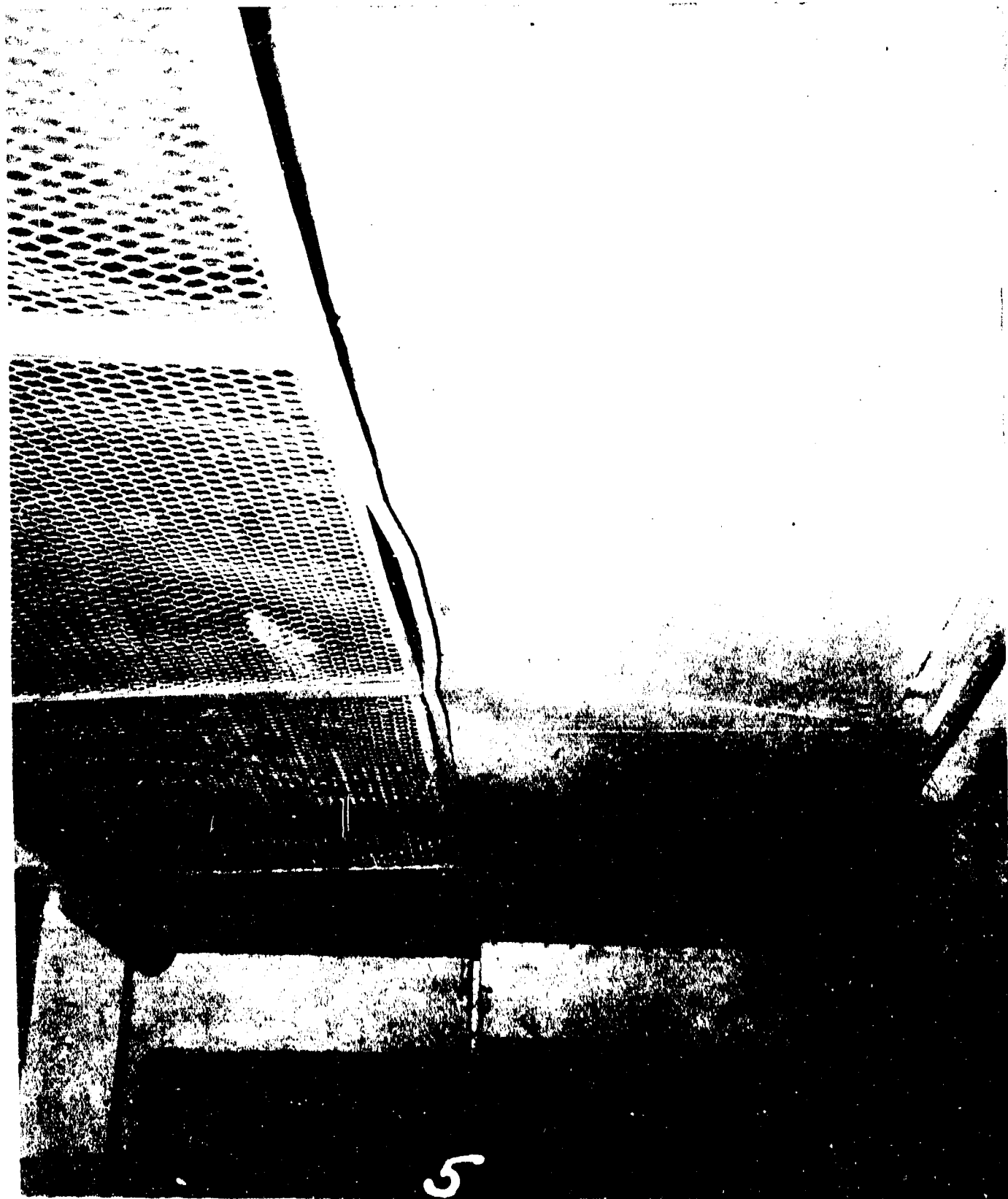
AA-CR-175-2136-2. Crew's berthing, D-203-1L, 2nd deck, frames 115 to 122, looking aft along starboard stanchions.

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AA-CR-175-2136-5. Crew's berthing. C-291-1L, 2nd deck. Damage to joiner bulkhead framing, starboard side of pantry, frames 87 1/2 to 94, looking aft and to port.

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AA-CR..175-2136-8. Tailor shop (ex-library), C-291-1L, 2nd deck, damage to light joiner bulkhead, frames 94 to 97 looking to starboard from centerline.

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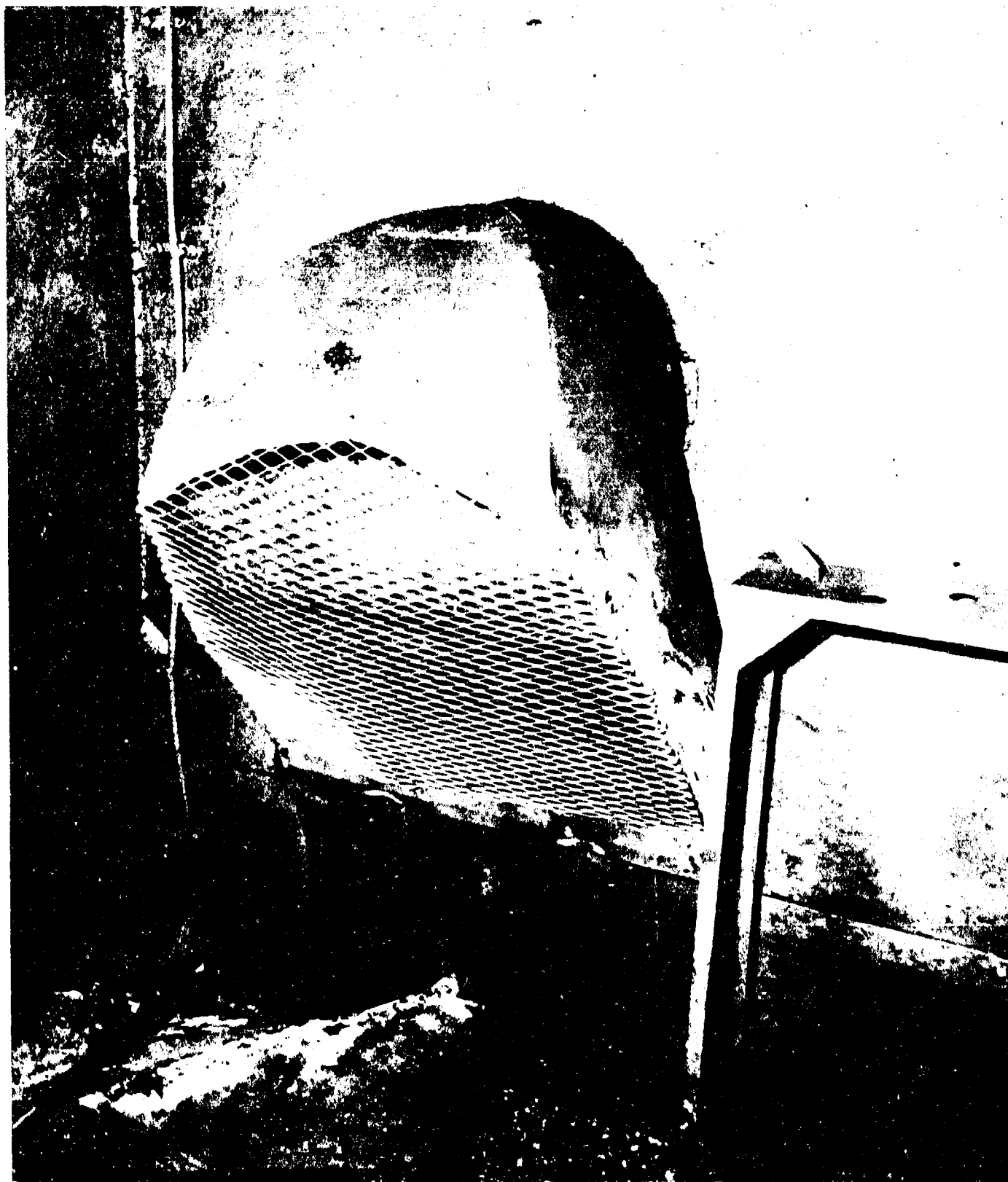
AA-CR-175-2136-7. Quick acting watertight door, in port side of bulkhead 97, looking forward and to port. Door is buckled aft 3 1/2 inches.

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AA-CR-80-1910-4. Damaged ventilator trunk on superstructure deck at frame 87, starboard side. Ships force repair had been made when picture was taken.

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AA-CR-82-1830-8. Looking forward on port side of navigation bridge at damage to port alidade pelorus stand.

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AA-CR-65-1743-10. Typical paint scorching - boat deck, amidships, starboard side.

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AA-CR-65-1743-6. Damage to paint on face of a bulkhead facing forward.

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AA-CR-80-1909-1. Looking forward on starboard quarter, note uncharred outline of airplane catapult and manila line.

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AA-CR-62-1875-7. No. 6 boiler, left side casing panel.

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AA-CR-62-1875-8. No. 5 boiler, right side casing panel.

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AA-CR-62-1876-1. No. 4 boiler, rear wall near steam drum and tubes.

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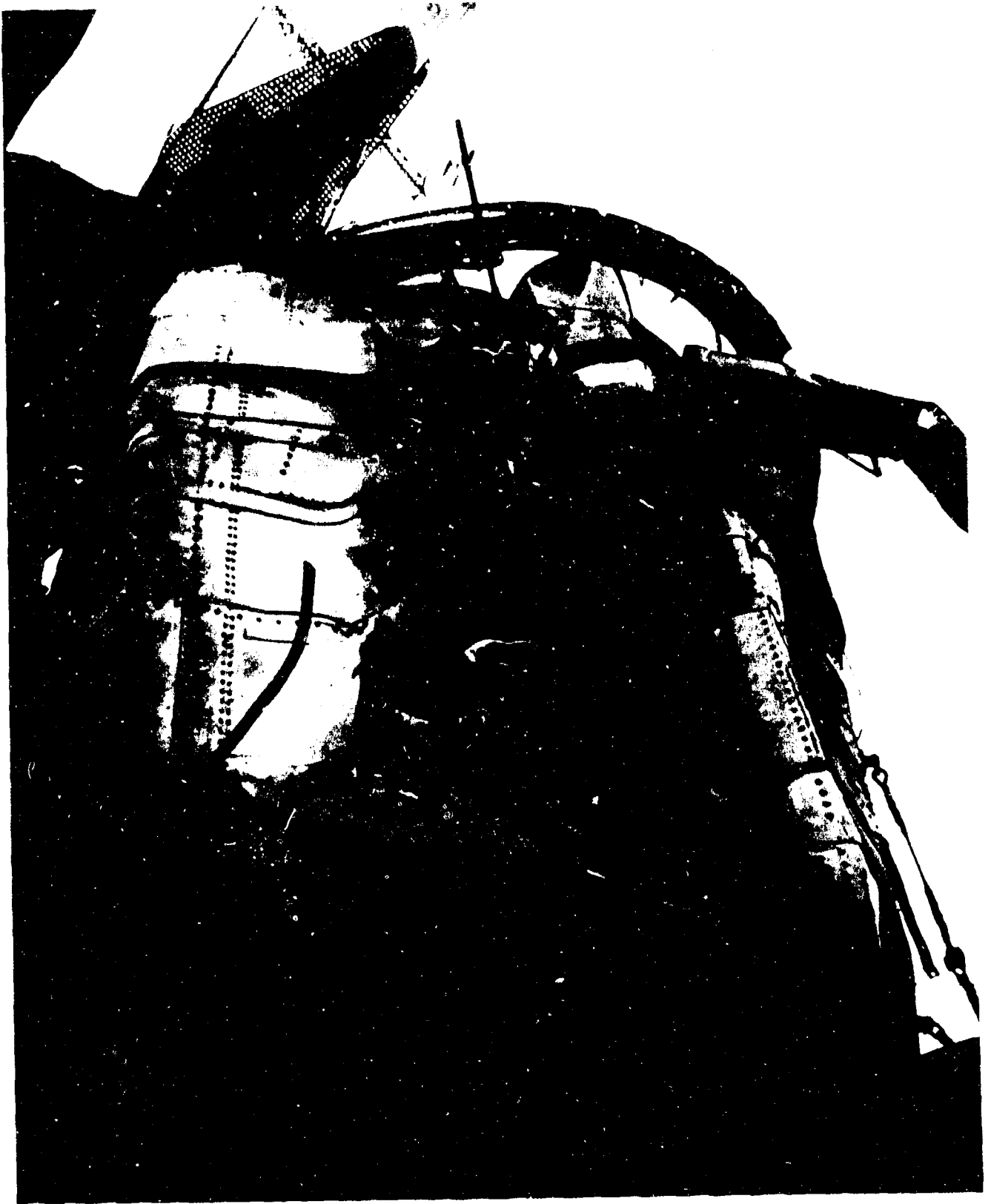
AA-CR-62-1876-2. No. 4 boiler, rear wall near sidewall, right.

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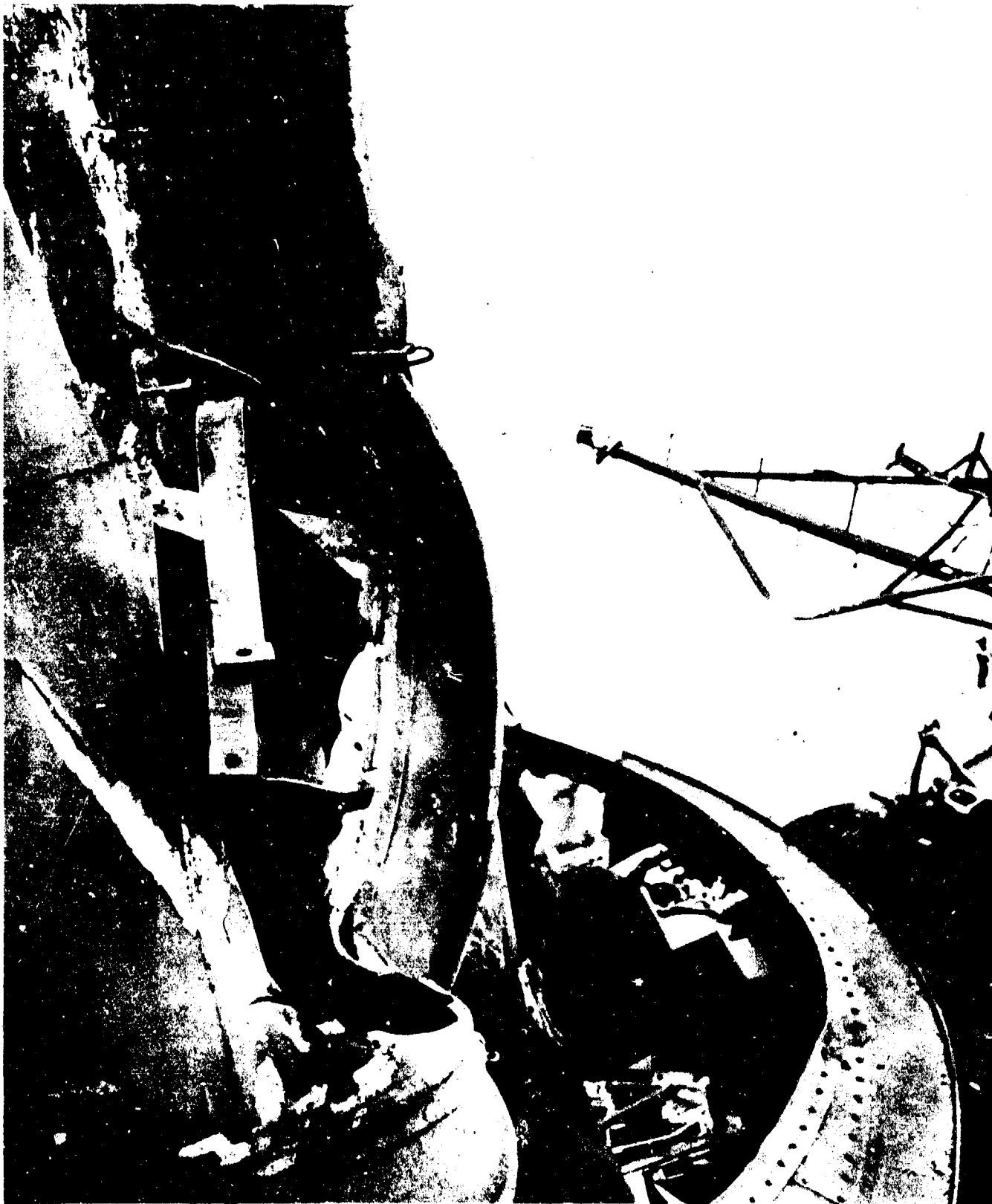
AA-CR-62-1875-11. Upper after port side of stack.

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AA-CR-62-1875-12. Upper part of stack, forward starboard side showing damage to stack and stack cowling.

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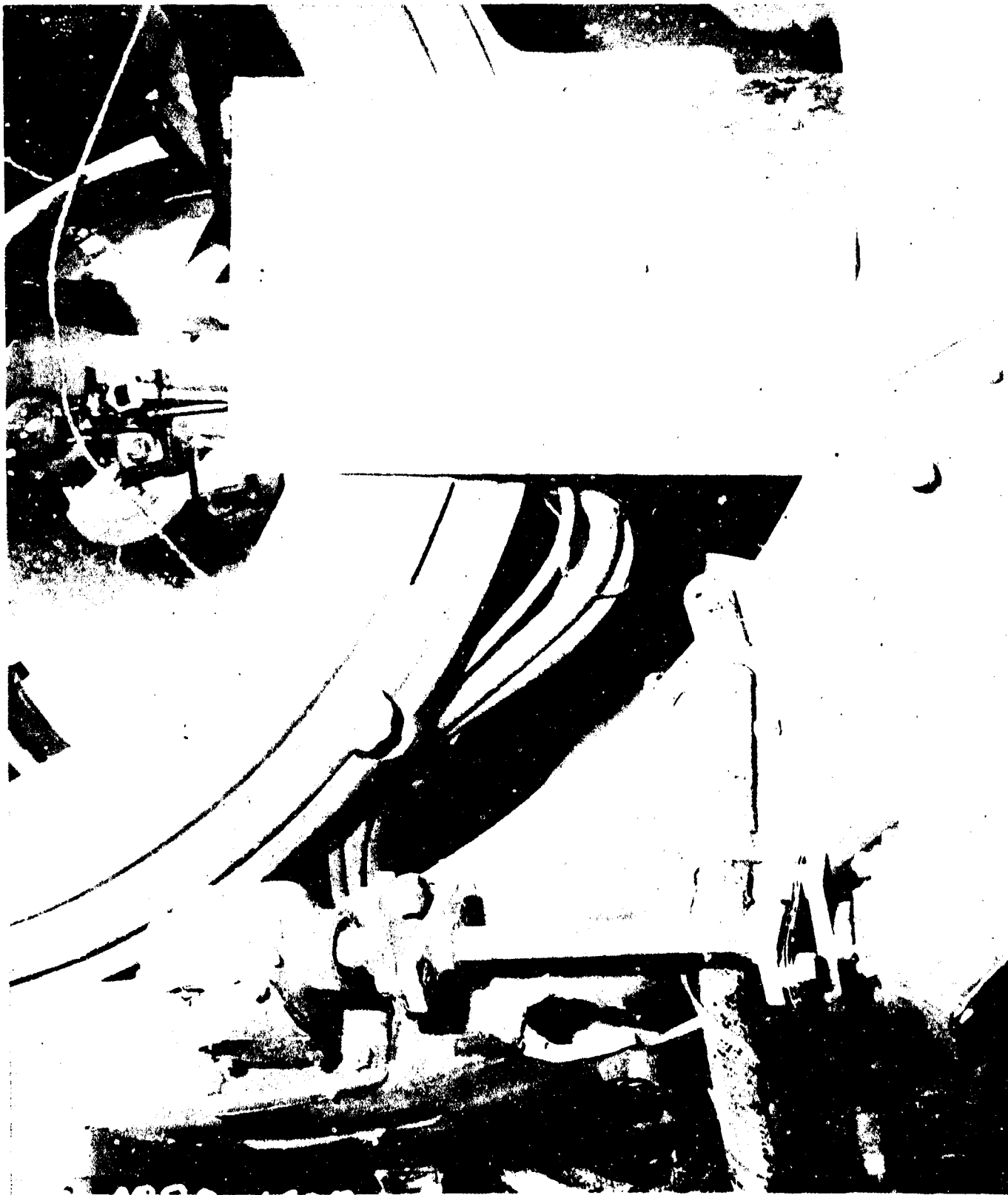
AA-CR-62-1875-10. Stack base, port side, showing torn plate.

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AA-CR-82-1830-4. Port 36 inch searchlight showing the damage to the light and the trunnion arms. Looking forward.

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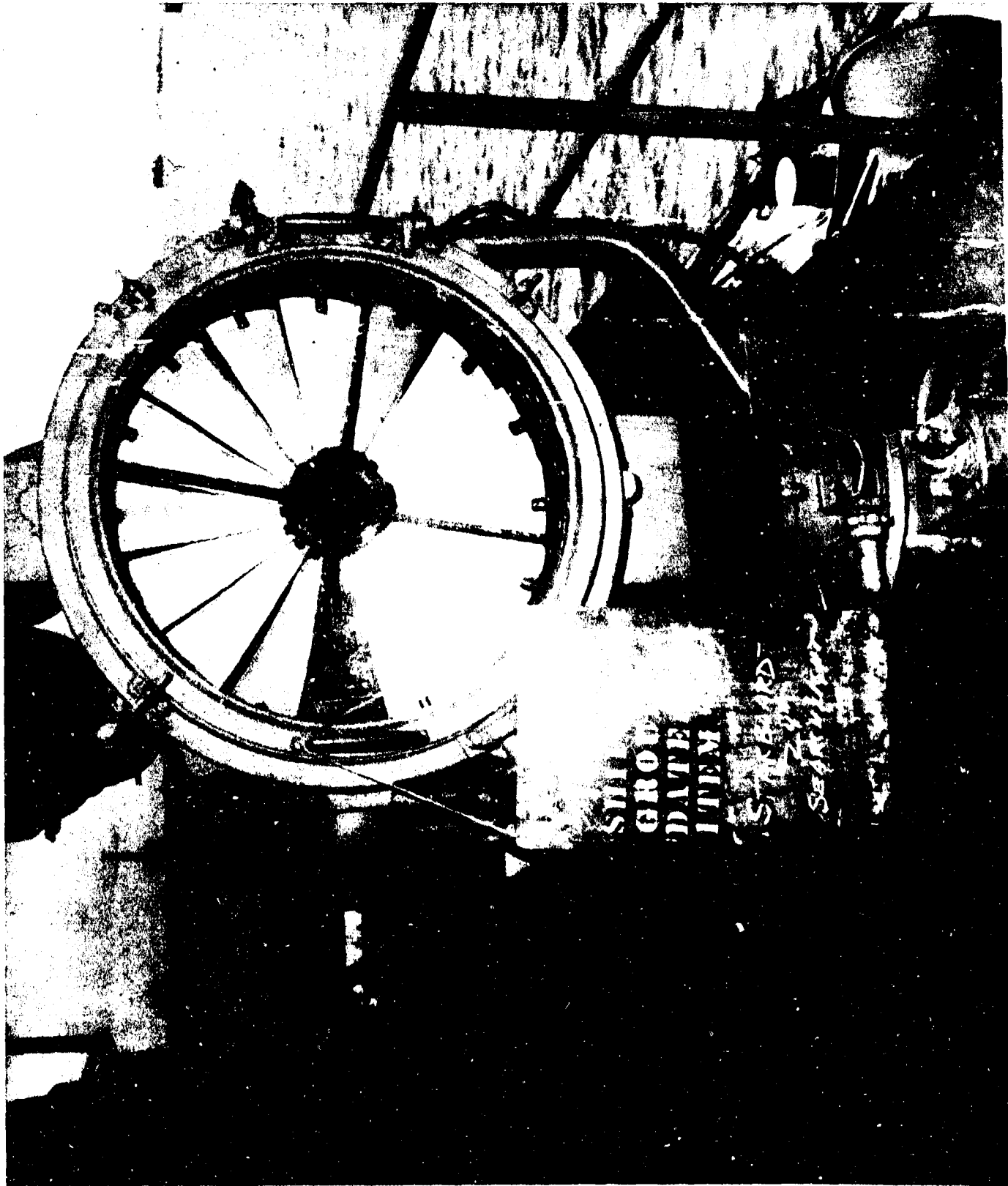
AA-CR-82-1830-5. Port 36 inch searchlight showing the damage to the shutter and front door. Looking to port.

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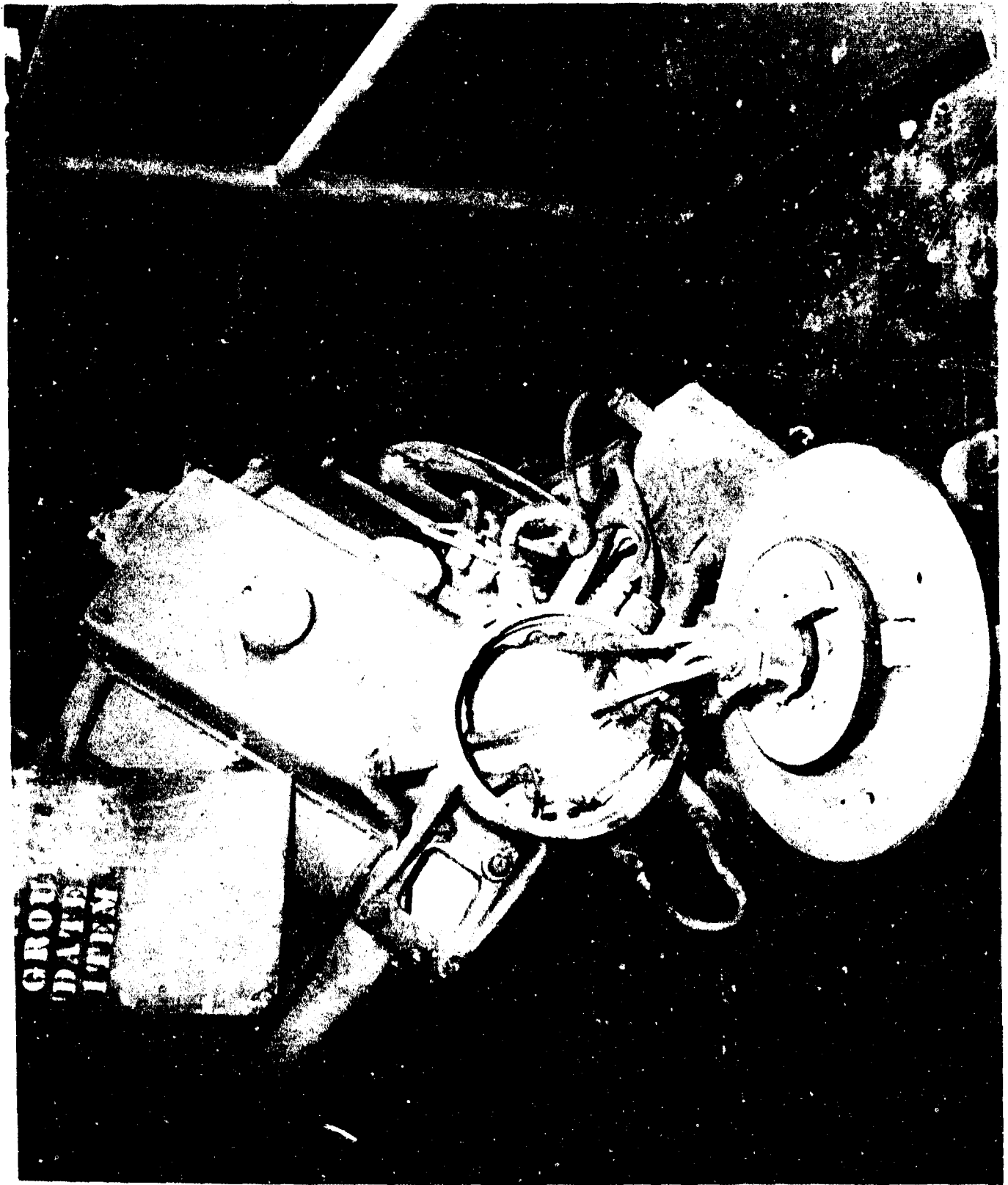
AA-CR-82-1830-10. Showing the starboard 24 inch searchlight. Glass blown out. Looking forward.

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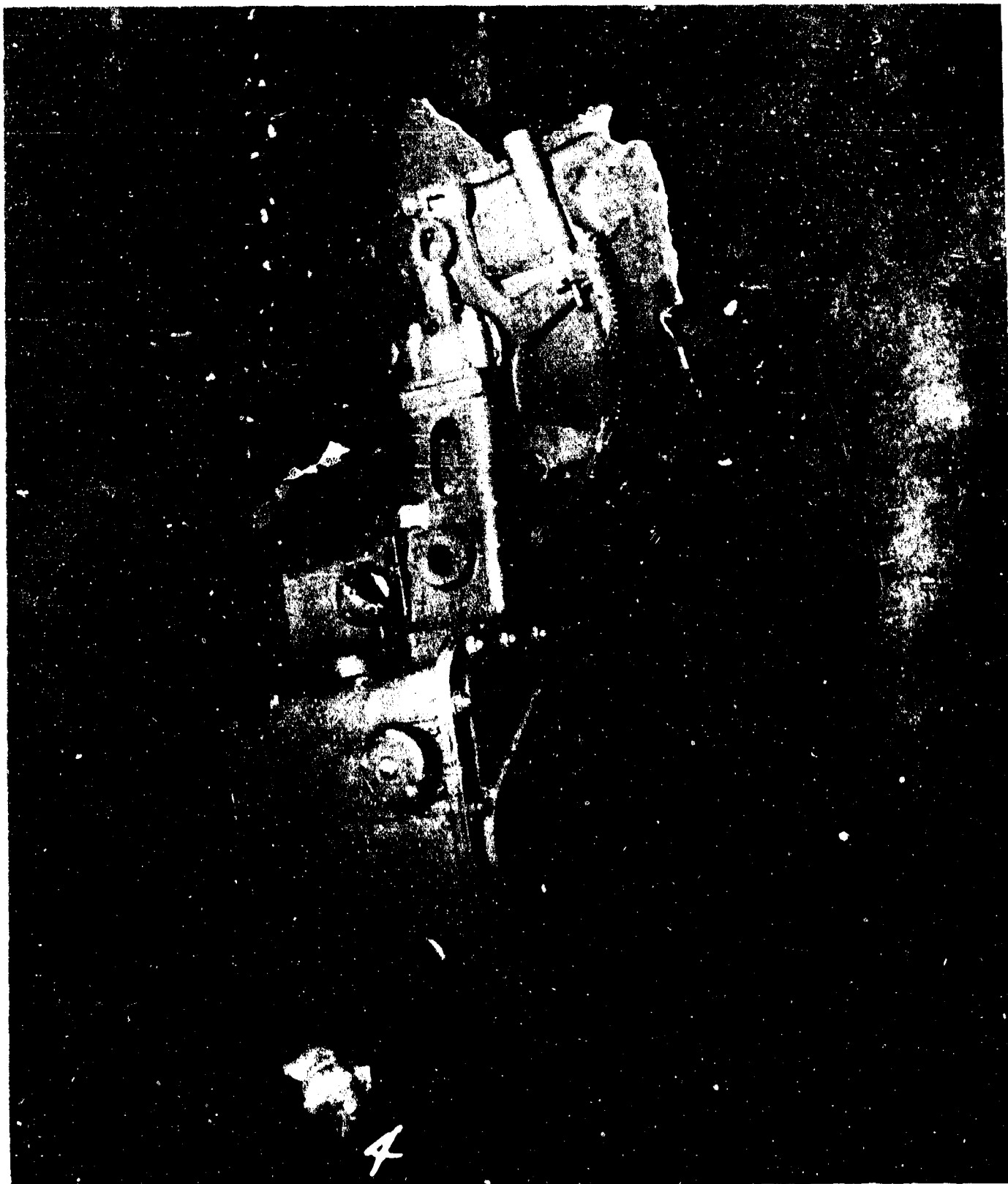
AA-CR-82-1830-11. Showing the damage to the port 24 inch searchlight. Looking aft.

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AA-CR-80-1911-4. Control dials for the port 36 inch searchlight torn from its mounting by the air blast. Show at frame 60 on the super-structure deck.

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TRC

Defense Special Weapons Agency
6801 Telegraph Road
Alexandria, Virginia 22310-3398

10 April 1997

MEMORANDUM FOR DEFENSE TECHNICAL INFORMATION CENTER
ATTENTION: OMI/Mr. William Bush

SUBJECT: Declassification of Reports

The Defense Special Weapons Agency (formerly Defense Nuclear Agency) Security Office has reviewed and declassified the following reports:

AD-366718 ✓	XRD-32-Volume 3	
AD-366726 ✓	XRD-12-Volume 2	
AD-366703 ✓	XRD-16-Volume 1	
AD-366702 ✓	XRD-14-Volume 2	
AD-376819L ✓	XRD-17-Volume 2	
AD-366704 ✓	XRD-18	
AD-367451 ✓	XRD-19-Volume 1	
AD-366700 ⁰⁵ ✓	XRD-20-Volume 2	AD-366705
AD-376028L ✓	XRD-4	
AD-366694 ✓	XRD-1	
AD-473912 ✓	XRD-193	
AD-473891 ✓	XRD-171	
AD-473899 ✓	XRD-163	
AD-473887 ✓	XRD-166	
AD-473888 ✓	XRD-167	
AD-473889 ✓	XRD-168	

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10 April 1997

SUBJECT: Declassification of Reports

AD-B197749	XRD-174
AD-473905 ✓	XRD-182
AD-366719 ✓	XRD-33 Volume 4
AD-366700 ✓	XRD-10
AD-366712 ✓	XRD-25 Volume 1
AD-376827L ✓	XRD-75
AD-366756 ✓	XRD-73
AD-366757 ✓	XRD-74
AD-366755 ✓	XRD-72
AD-366754 ✓	XRD-71
AD-366710 ✓	XRD-23 Volume 1
AD-366711 ✓	XRD-24 Volume 2
AD-366753 ✓	XRD-70
AD-366749 ✓	XRD-66
AD-366701 ✓	XRD-11
AD-366745 ✓	XRD-62.

All of the cited reports are now **approved for public release; distribution statement "A" applies.**

Arduith Jarrett
ARDITH JARRETT
Chief, Technical Resource Center

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