

U. S. S. SOUTH DAKOTA (BB57)

GUNFIRE DAMAGE

BATTLE OF GUADALCANAL
14-15 NOVEMBER, 1942

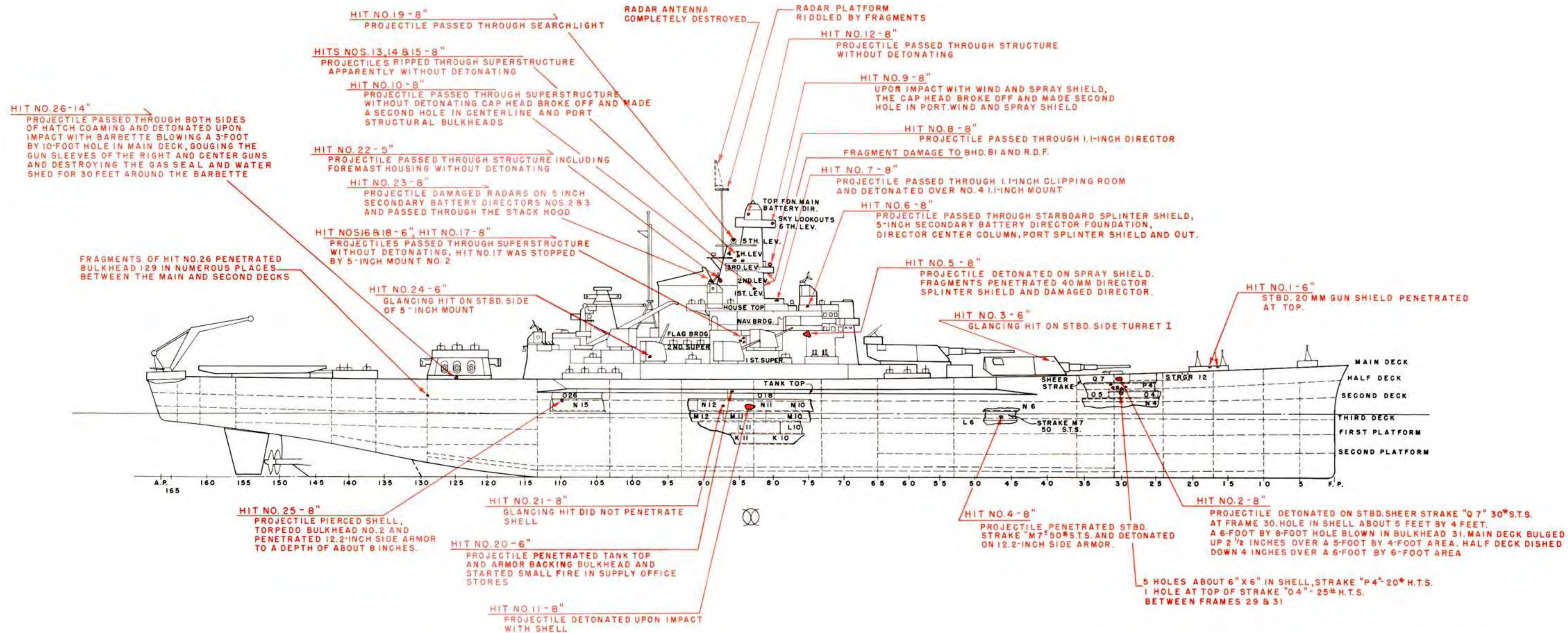
The Chief of Naval Operations directs that this report be shown only to those persons to whom the report would be of value in the performance of their duties.

Steps shall be taken, accordingly, to insure that the report will be seen by those persons responsible for design, construction and repair of naval vessels, as well as for their operation, but by no others.

1 June, 1947

Preliminary Design Section
Bureau of Ships
Navy Department

WAR DAMAGE REPORT No. 57



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Photo 1: Hit No. 2. Hole blown in starboard sheer strake at frame 30. Note patch plates which were installed over smaller holes below sheer strake.

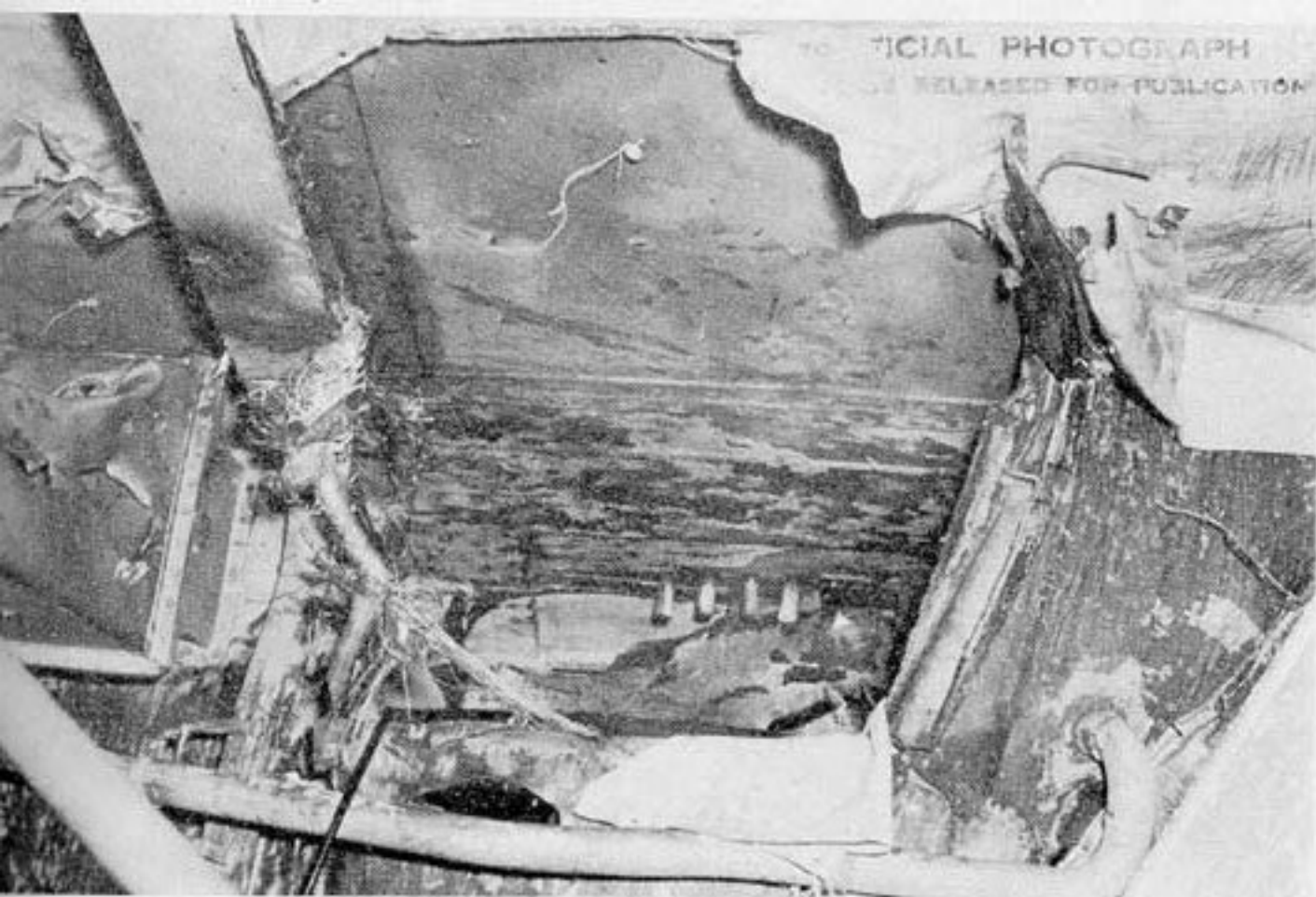


Photo 2: Hit No. 2. Looking forward at underside of main deck through hole in starboard side of bulkhead 31.



Photo 4: Hit No. 4. Looking inboard through hole in torpedo bulkhead No. 2 to the 12.2-inch longitudinal armor bulkhead. Note mark on armor left by projectile, third deck blown down and torpedo bulkhead blown outboard.

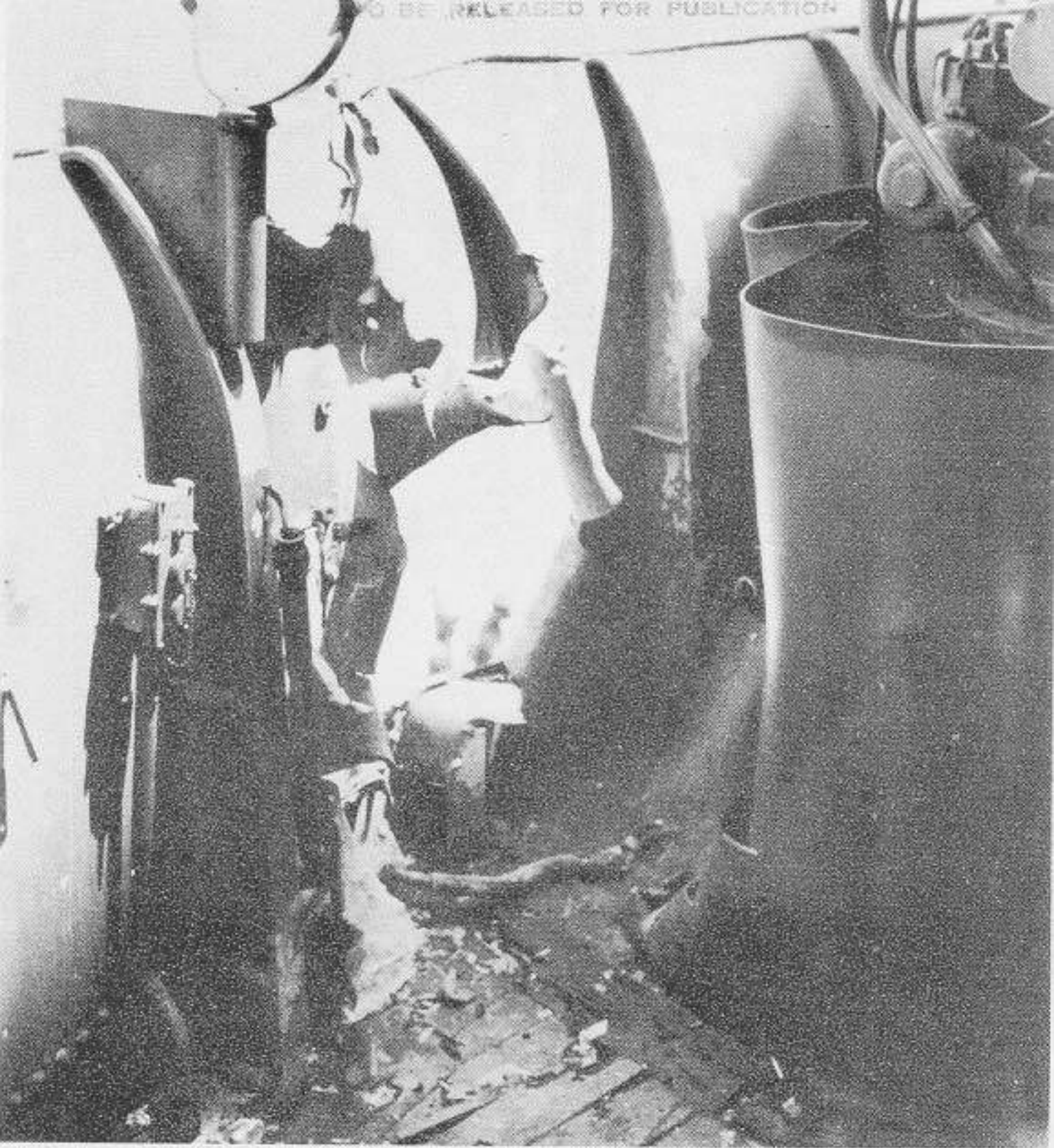


Photo 5: Hit No. 5. Damage to spray shield and splinter shield around 40mm director.

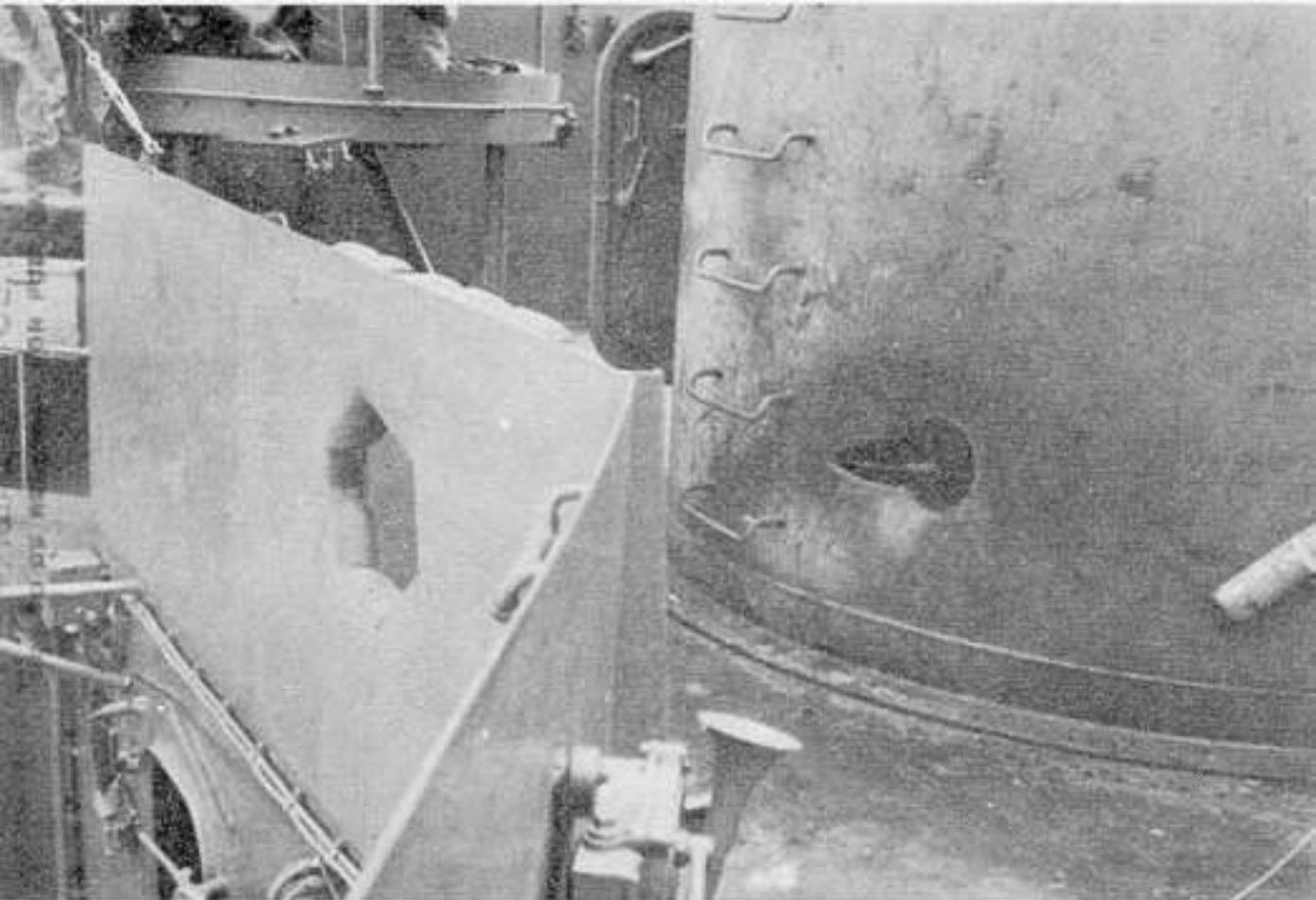


Photo 6: Hit No. 6. Projectile holes through starboard splinter shield and into 5-inch secondary battery director foundation.

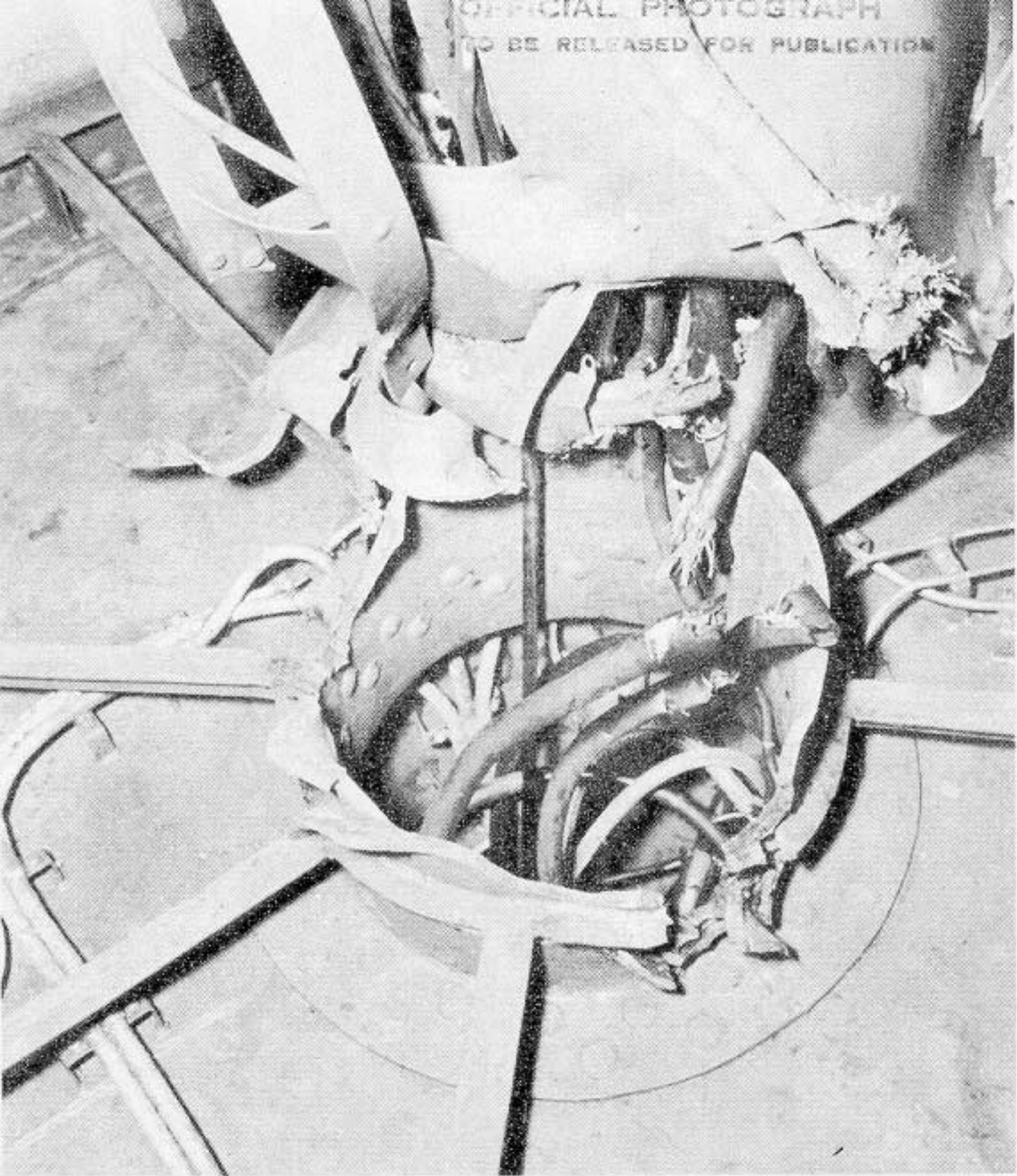


Photo 7: Center column of 5-inch secondary battery director destroyed by hit No. 6.

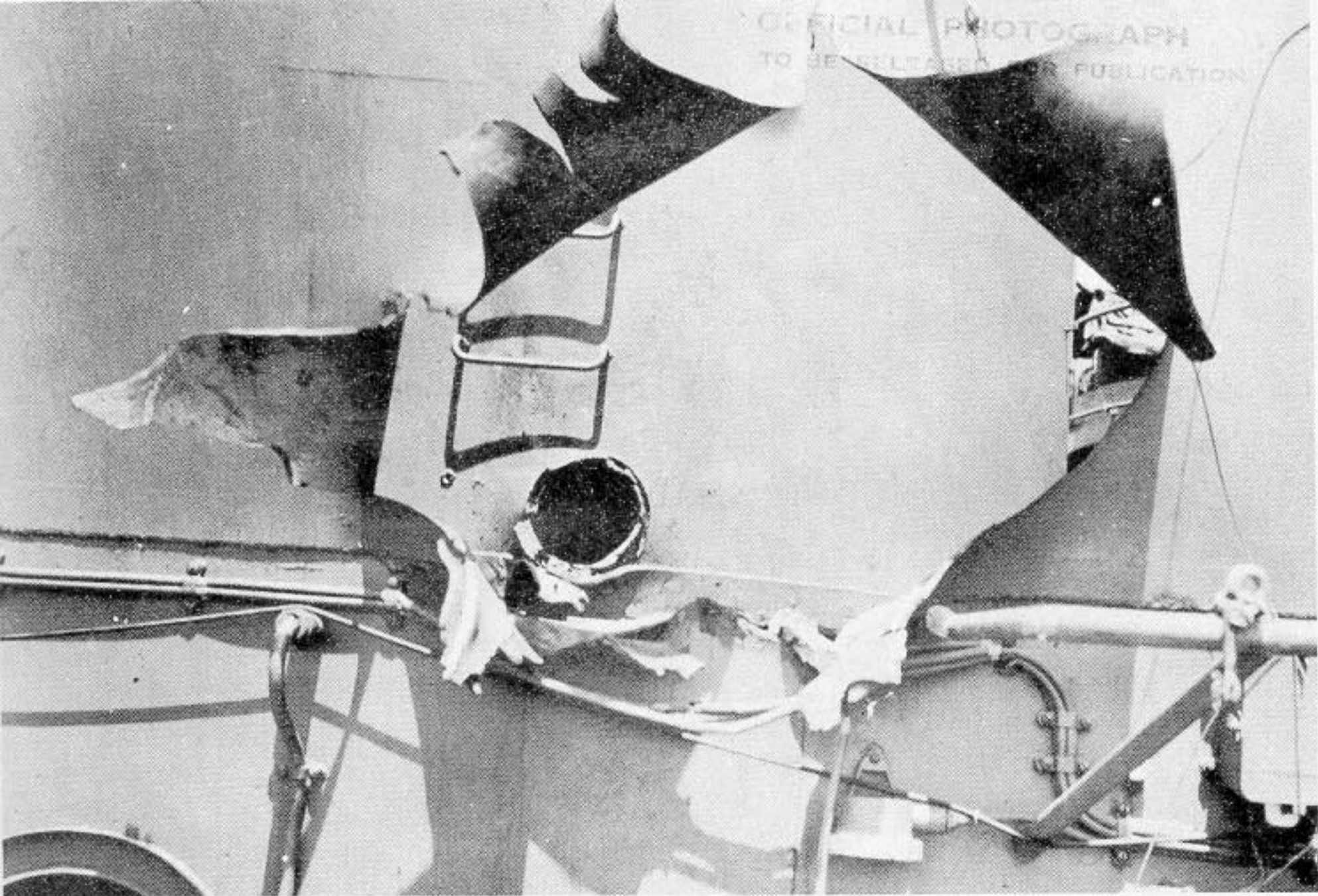


Photo 8: Exit hole of hit No. 6 in port side of 5-inch secondary battery director foundation as viewed through hole in port splinter shield.

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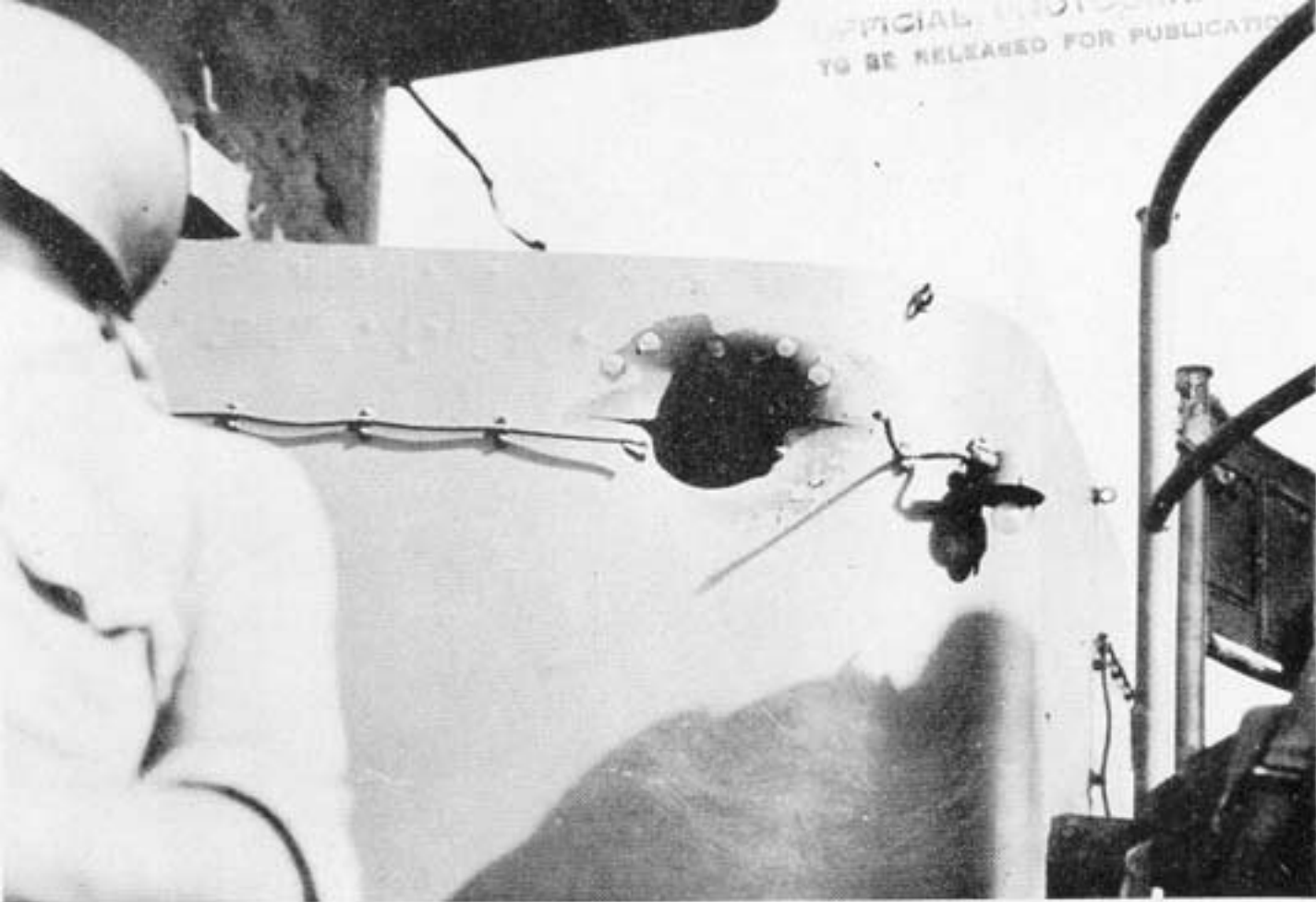


Photo 9: Entry hole of hit No. 7 in starboard side of 1.1-inch clipping room.

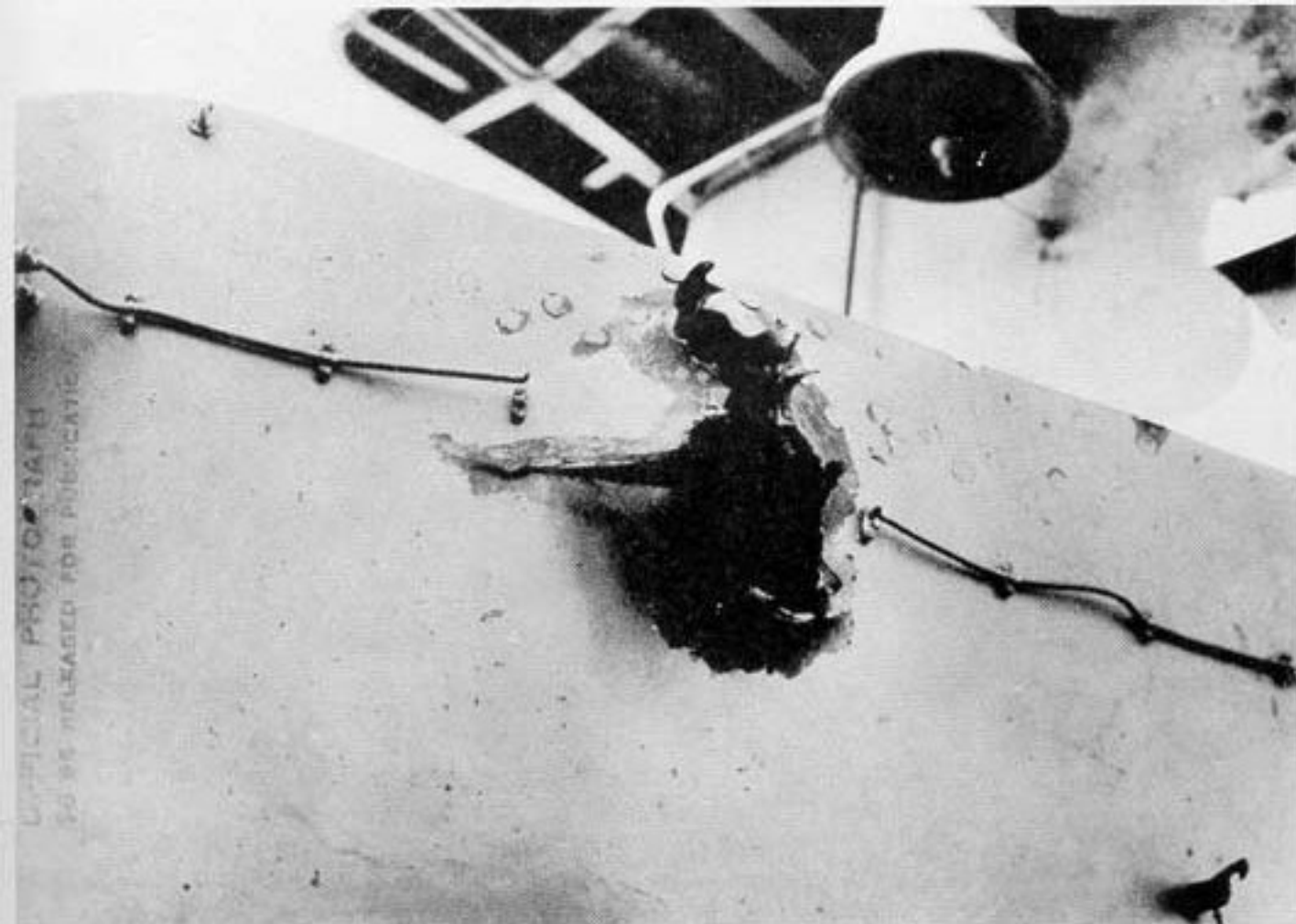


Photo 10: Exit hole of hit No. 7 port side of 1.1-inch clipping room.

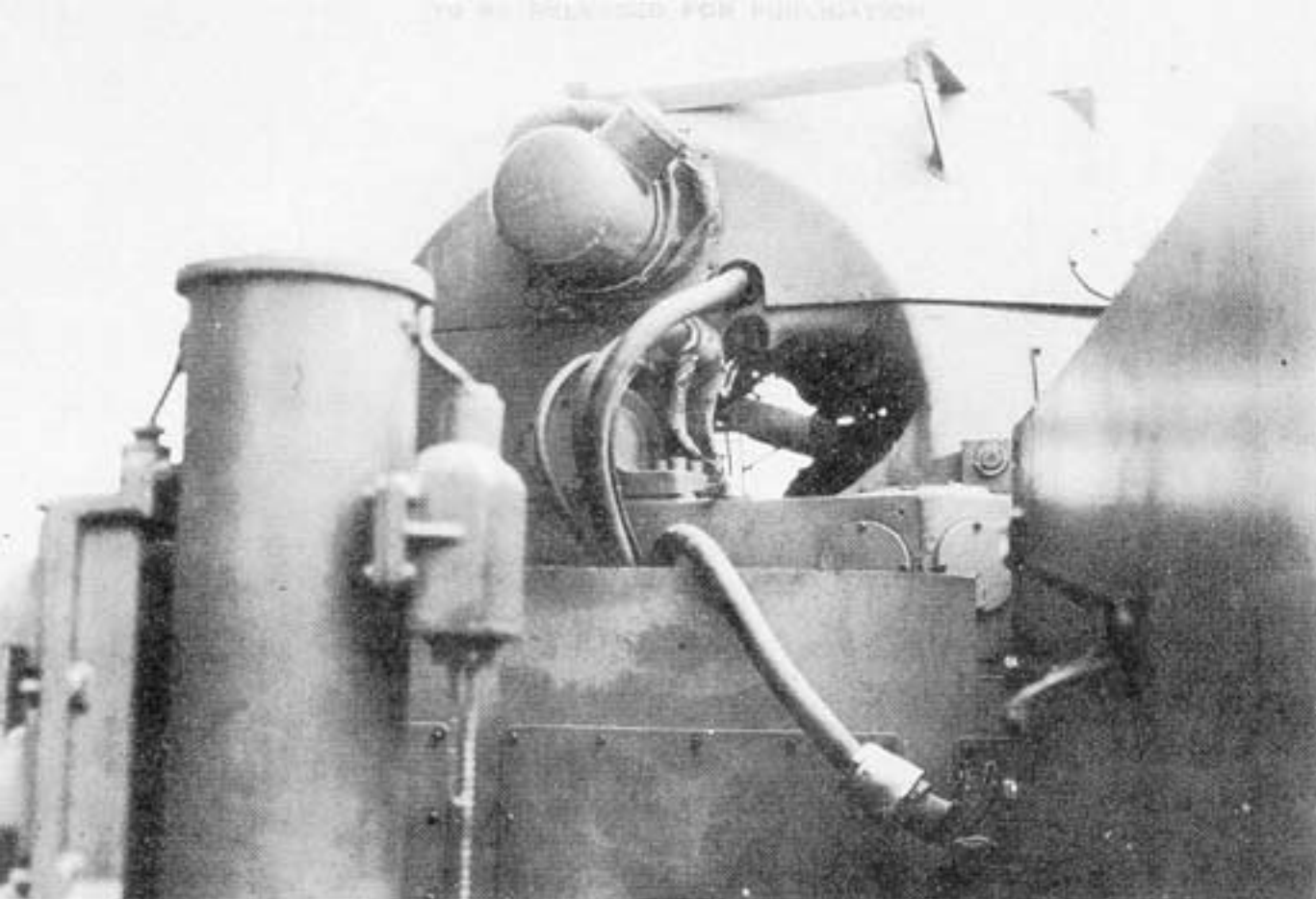


Photo 11: Hit No. 8. Hole through Mk. 45 1.1-inch director.

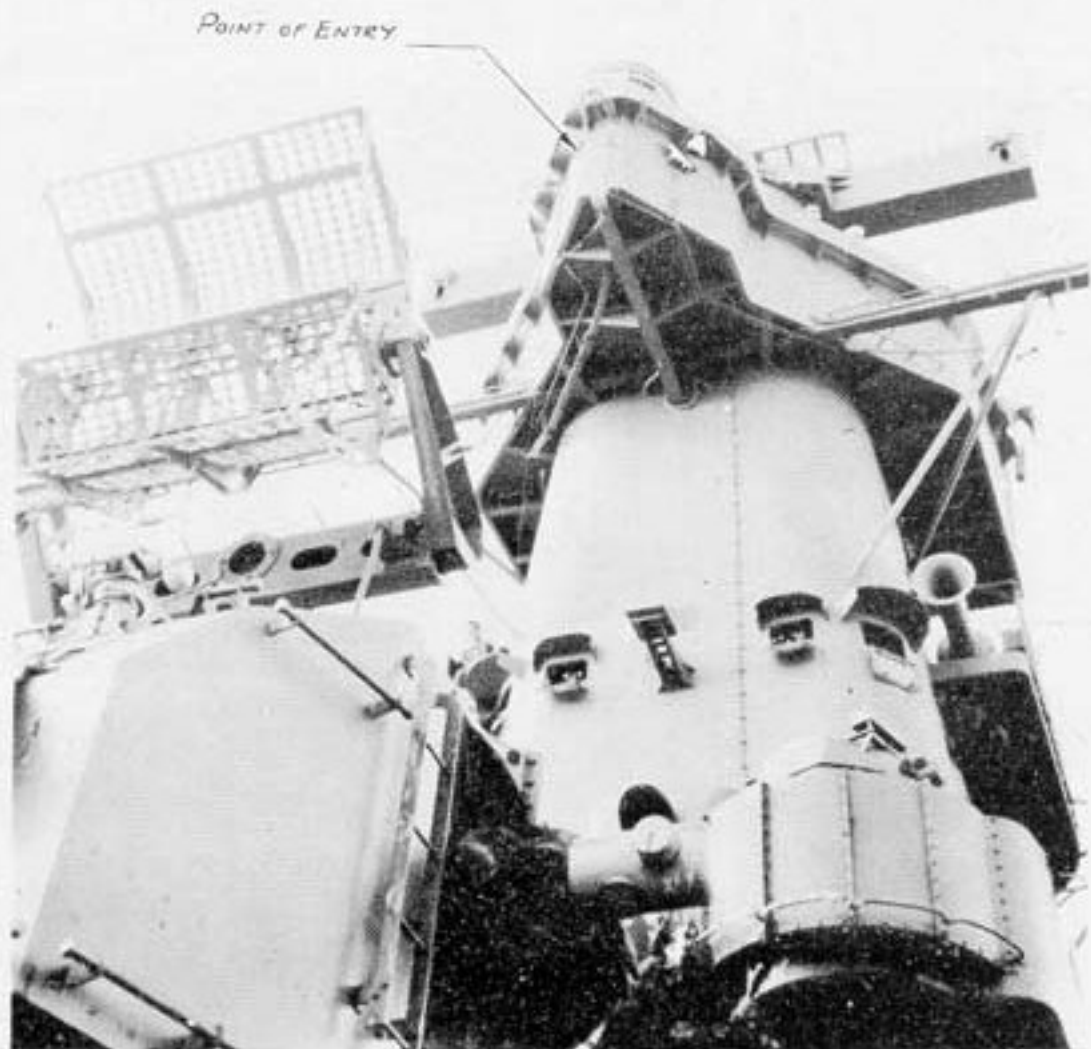


Photo 12: Exit holes of hit No. 9 on port side of wind and spray shield around air defense forward. Entry hole on starboard side of spray shield can also be seen.



Photo 3: Hit No. 4. Projectile entry hole at frame 46-1/2.

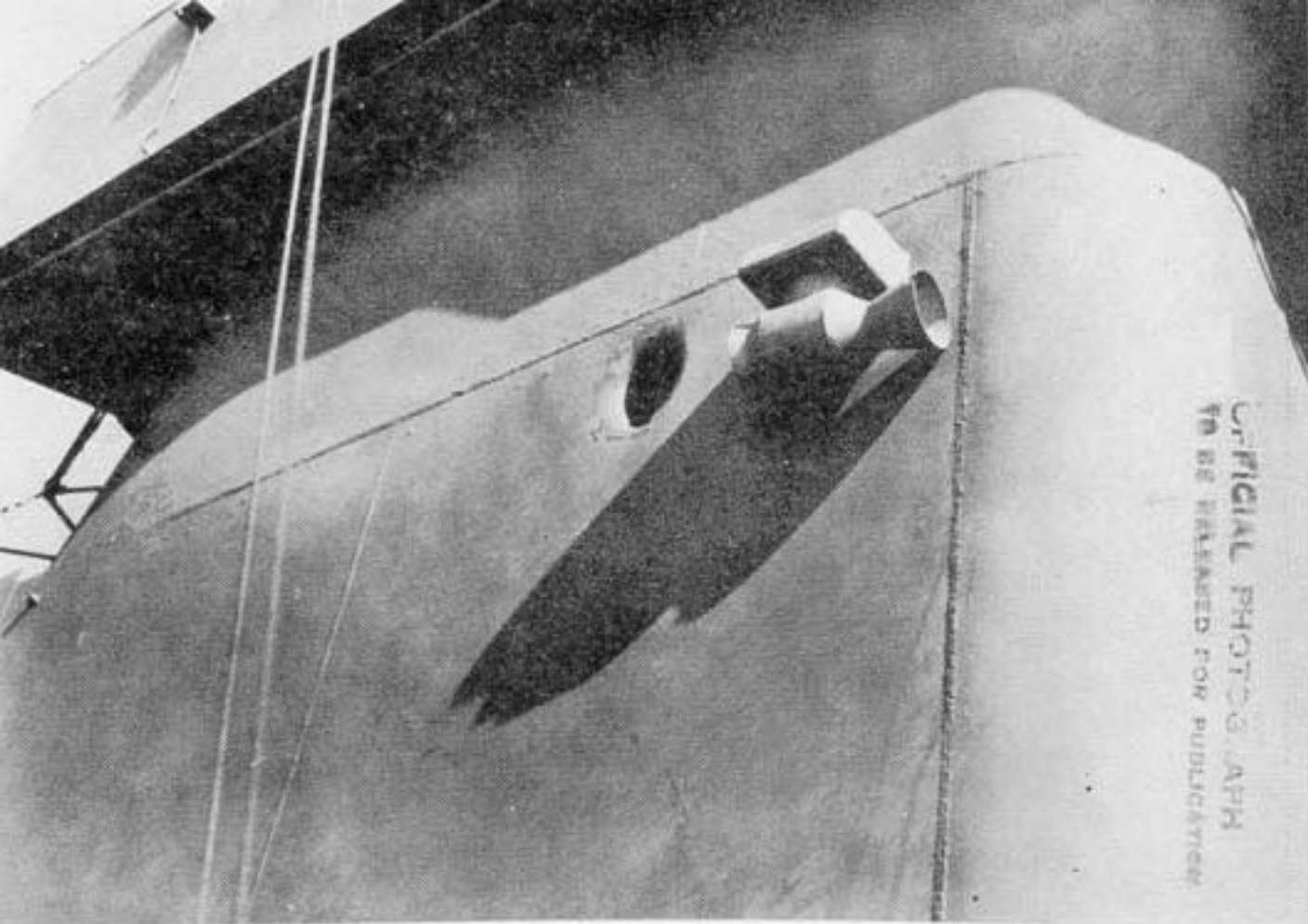


Photo 13: Point of entry of hit No. 10 in starboard longitudinal bulkhead.

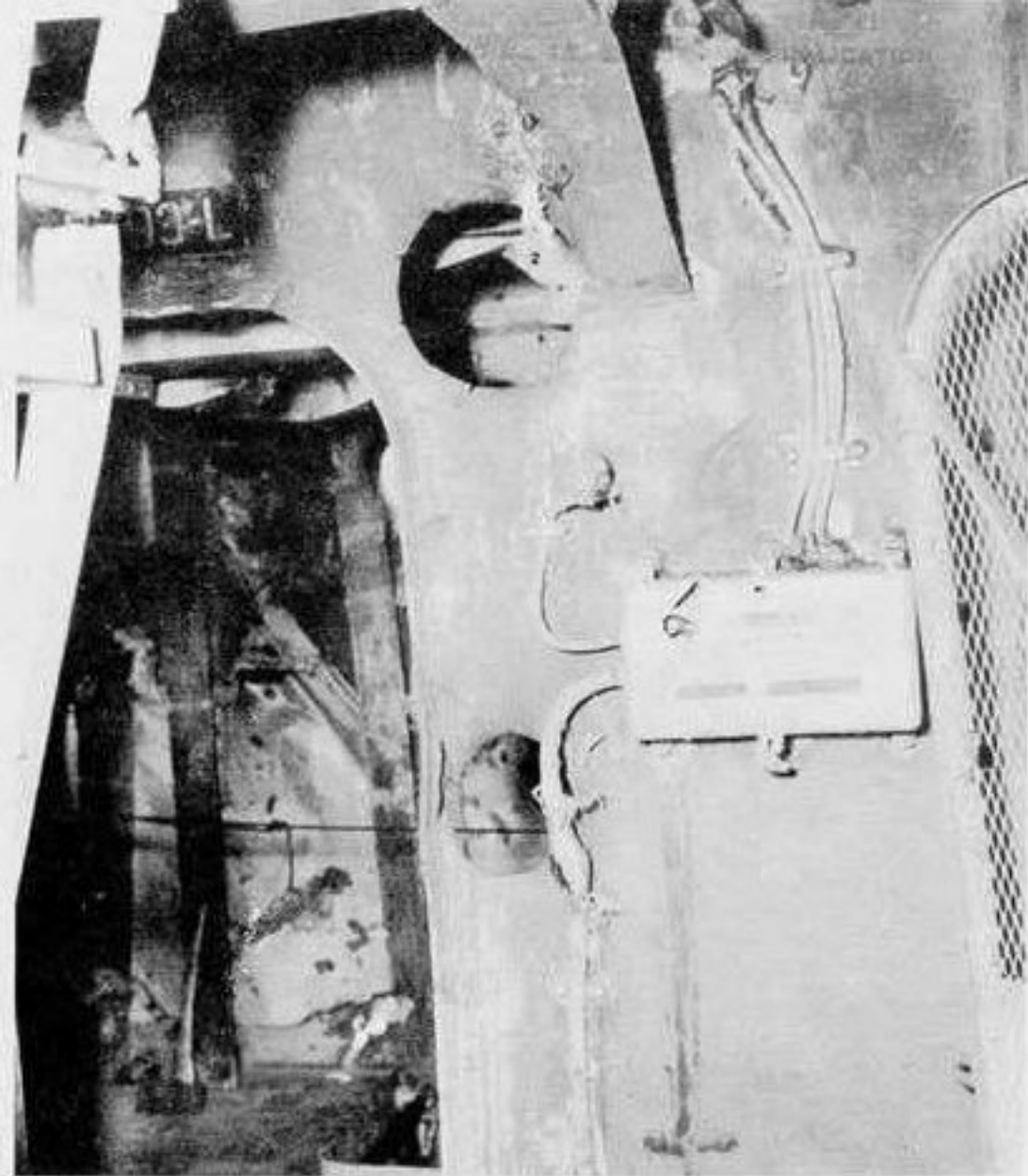


Photo 14: Hit No. 10. Holes in centerline bulkhead.

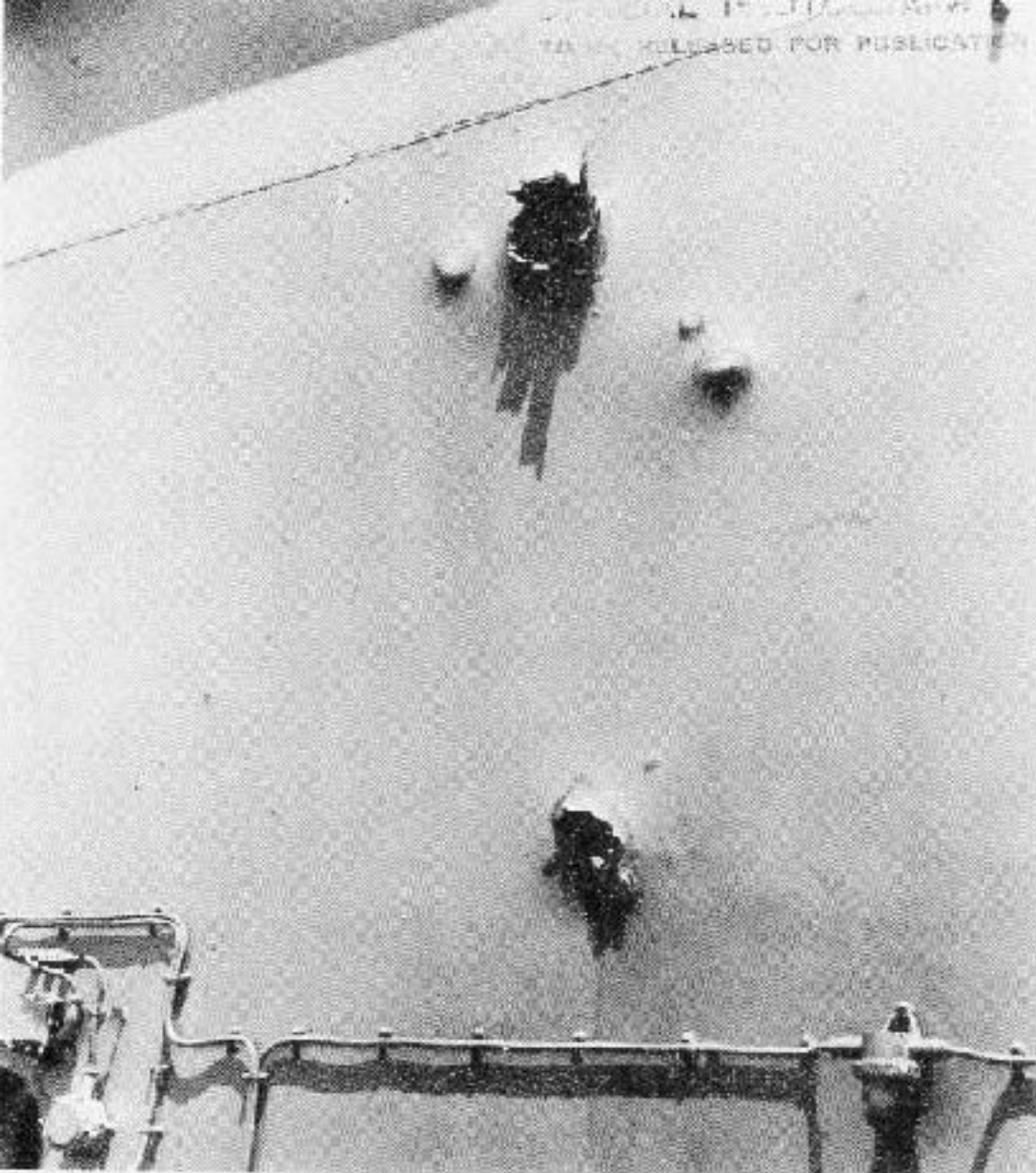


Photo 15: Hit No. 10. Holes in port longitudinal culkhead.

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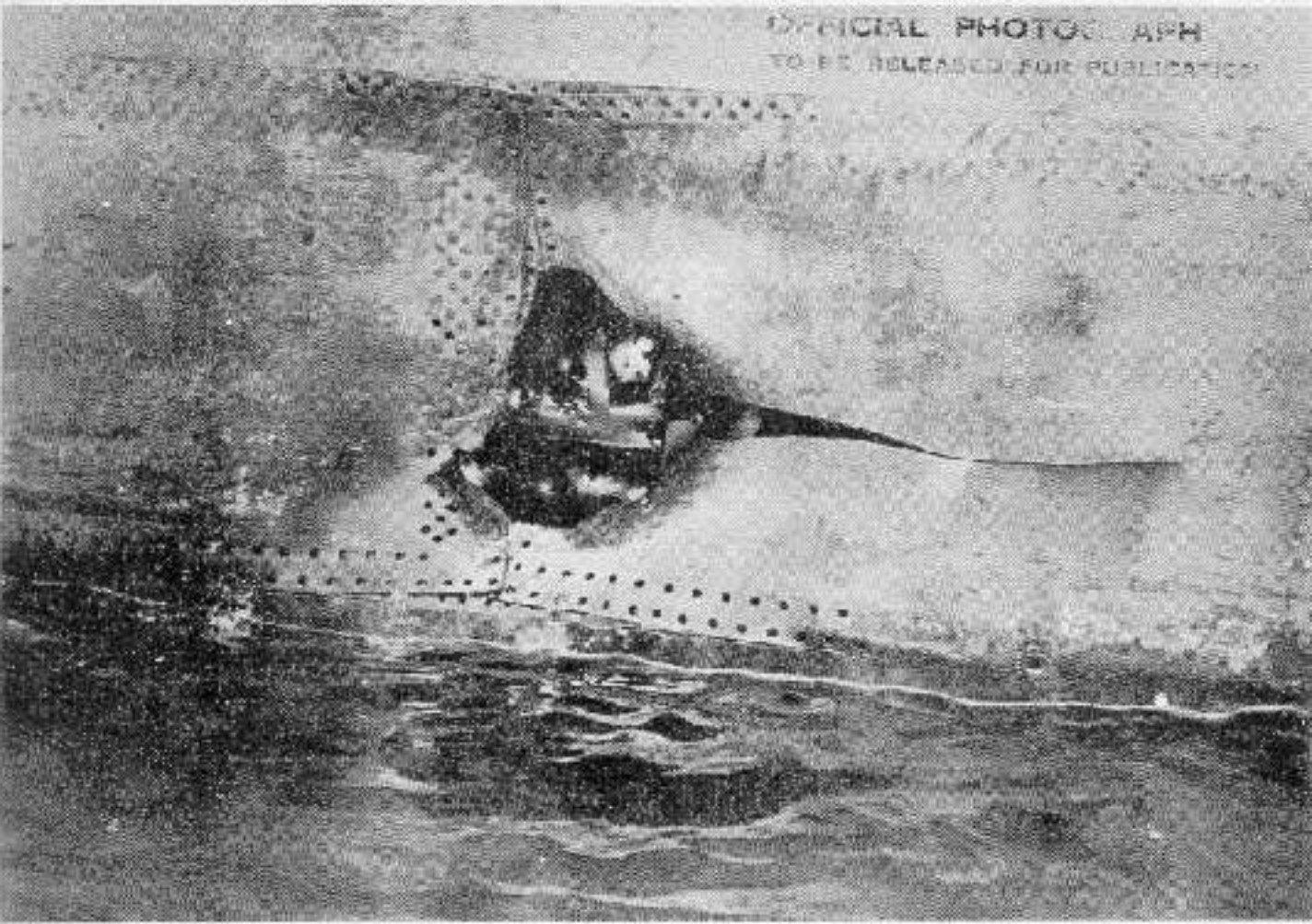


Photo 16: Hit No. 11 on starboard shell. Note fragment holes in torpedo bulkhead No. 2.

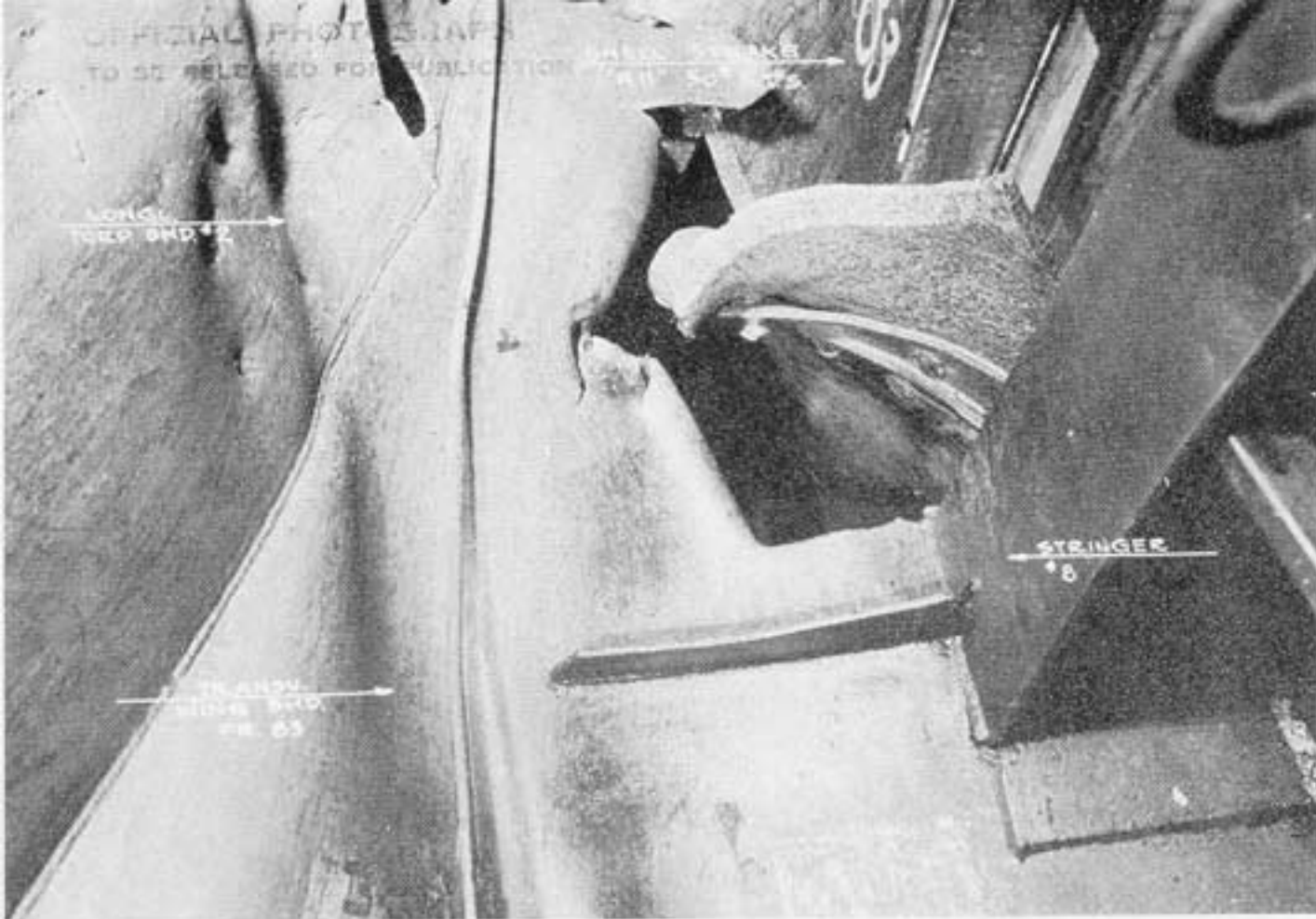


Photo 17: Hit No. 11. Damage to bulkhead 83.

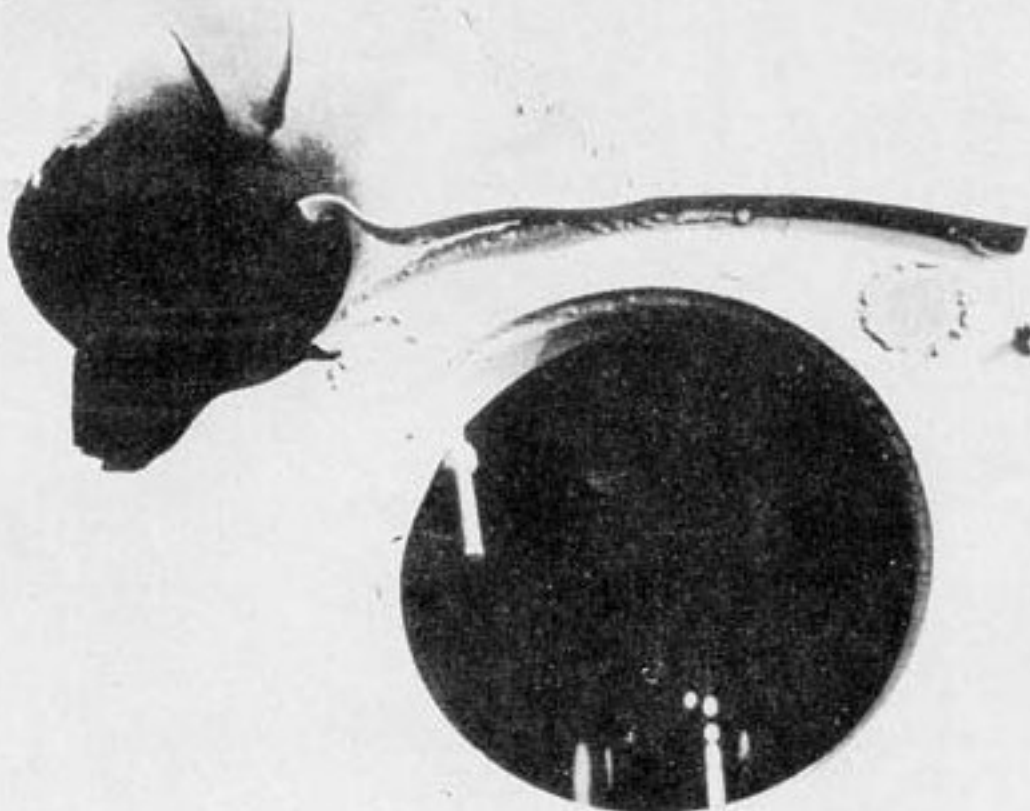


Photo 18: Hit No. 12. Entry hole in starboard longitudinal structural bulkhead.



Photo 19: Hit No. 12. Exit hole in port longitudinal structural bulkhead.

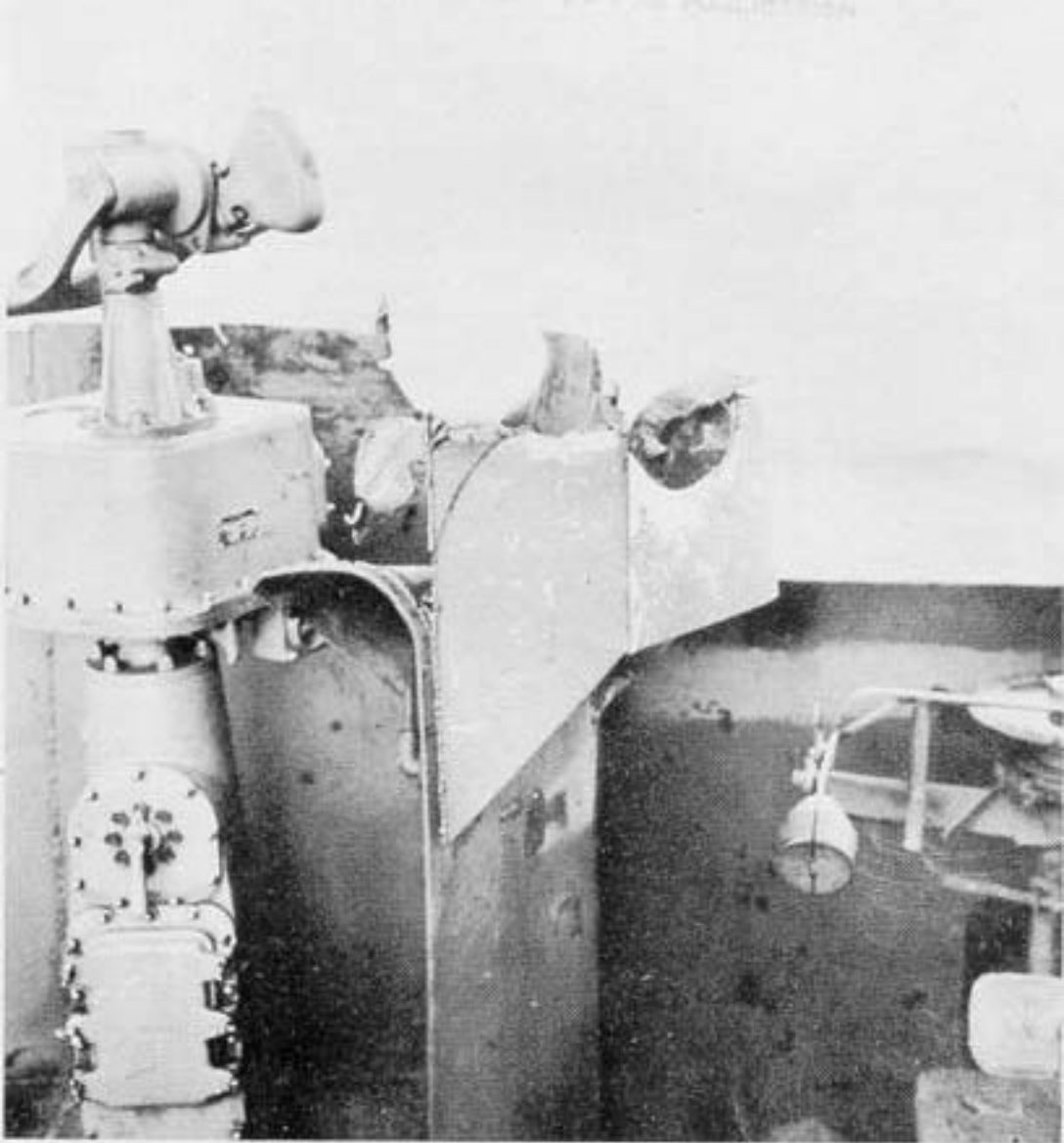


Photo 20: Hit No. 12 showing damage to wind and spray shield around port target designator.

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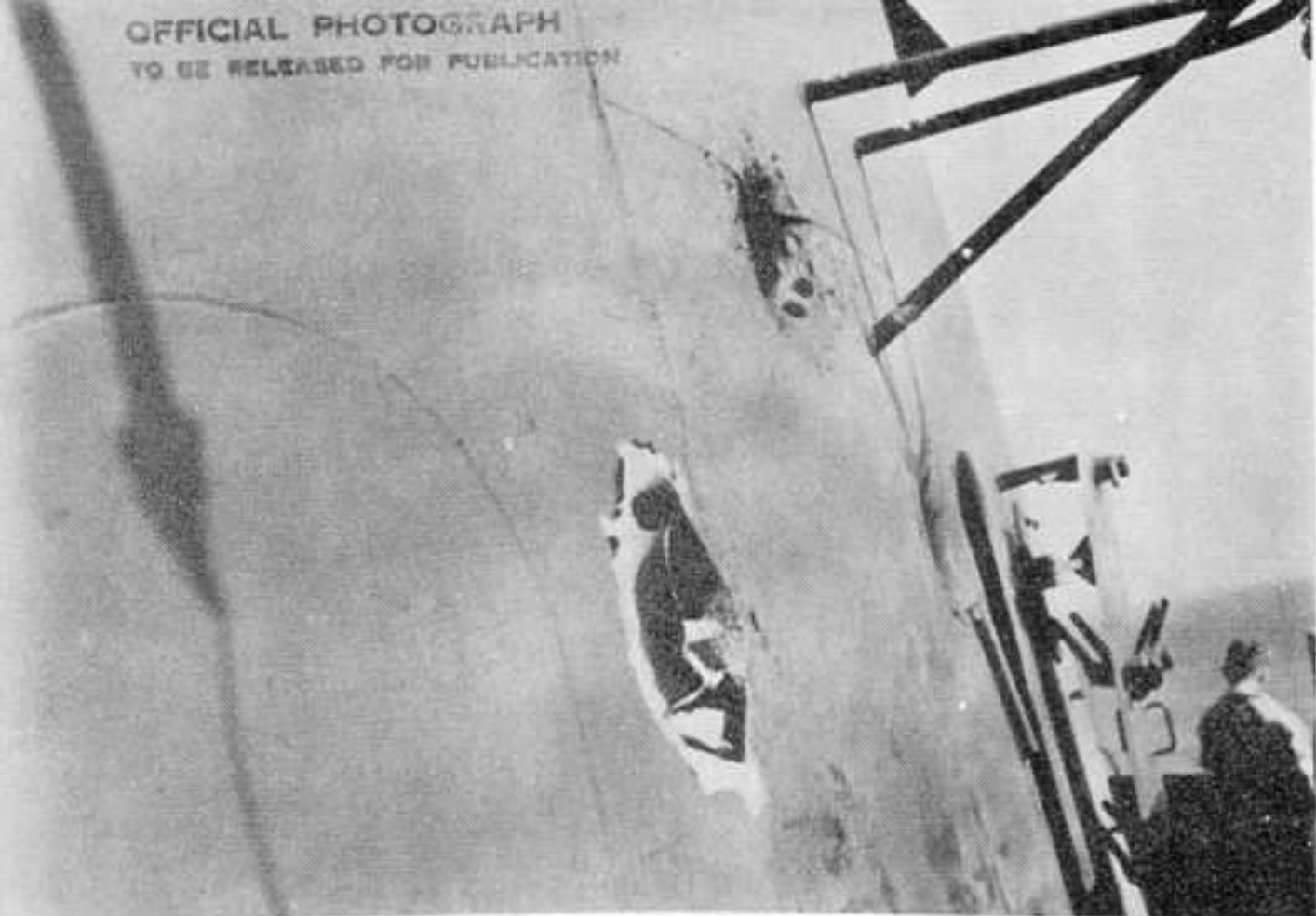


Photo 21: Hits Nos. 13, 14 and 15. Entry holes in starboard longitudinal structural bulkhead.



Photo 22: Hits Nos. 13 14 and 15. Damage to port longitudinal structural bulkhead looking from radar plot.

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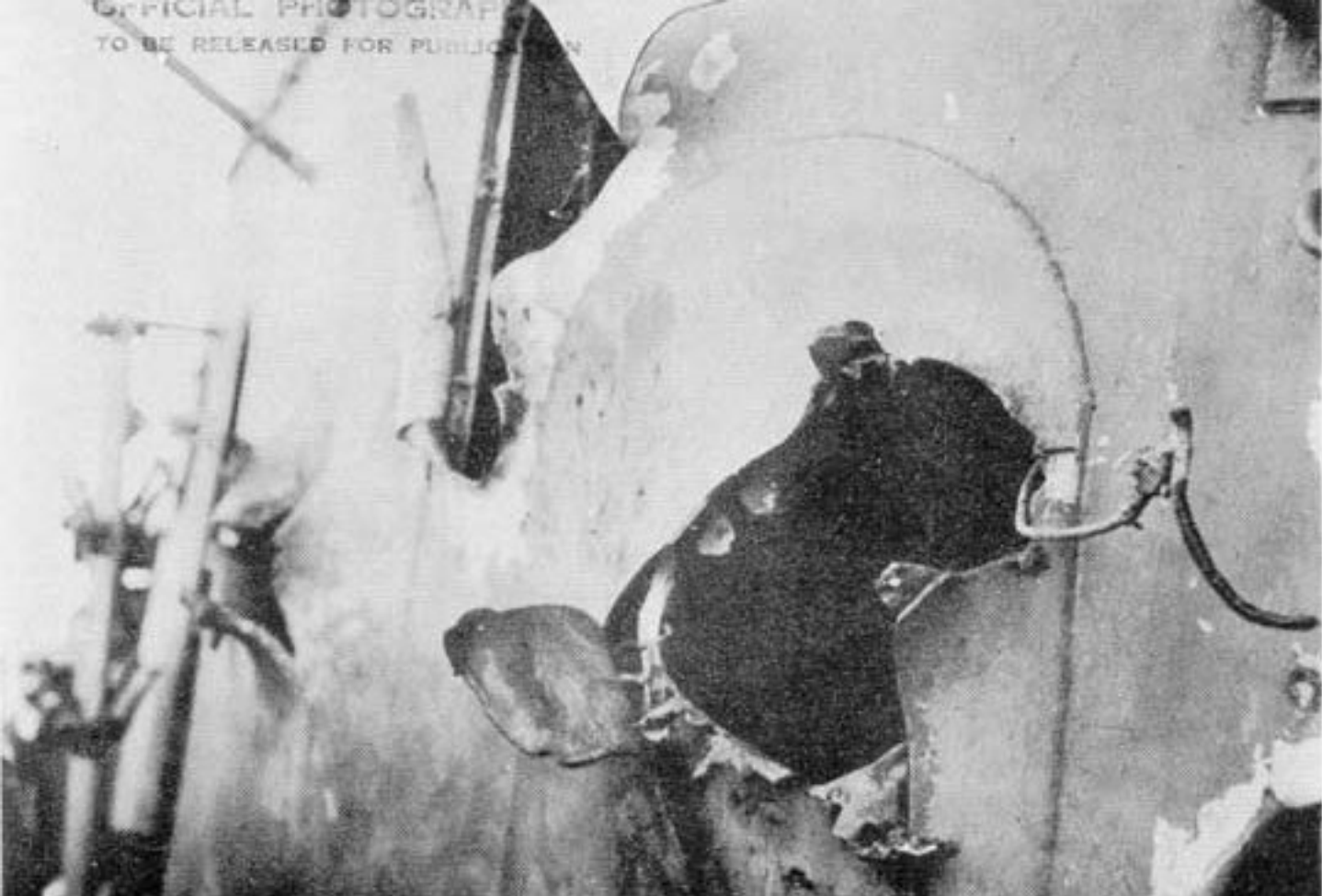


Photo 23: Outside view of damage to port longitudinal structural bulkhead from hits Nos. 13, 14 and 15.

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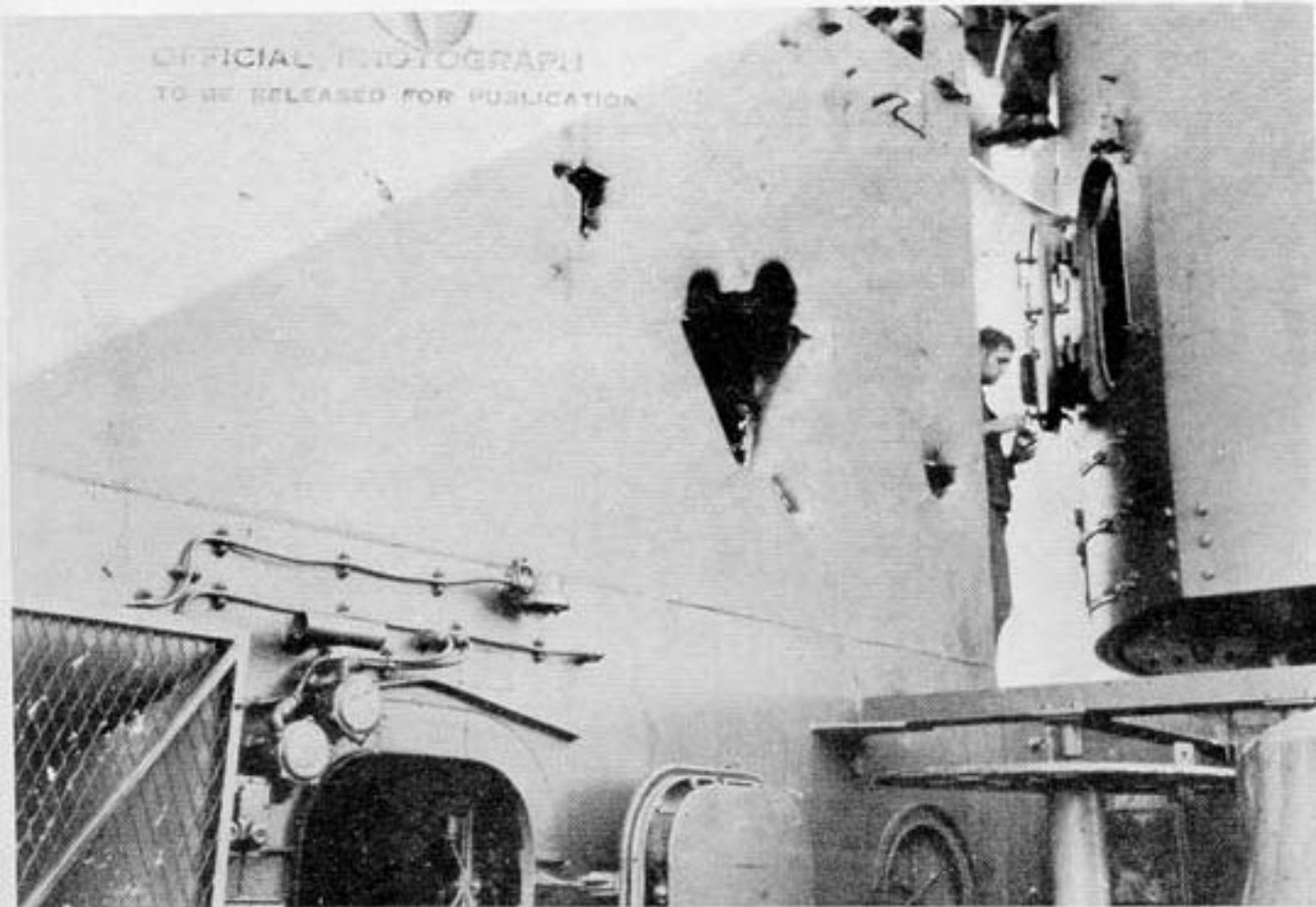


Photo 24: Hits Nos. 16, 17 and 18 on starboard side of
W.R.S.R. 0203.



Photo 25: Hits Nos. 17 and 18 on structural bulkhead 9 feet to starboard of centerline.

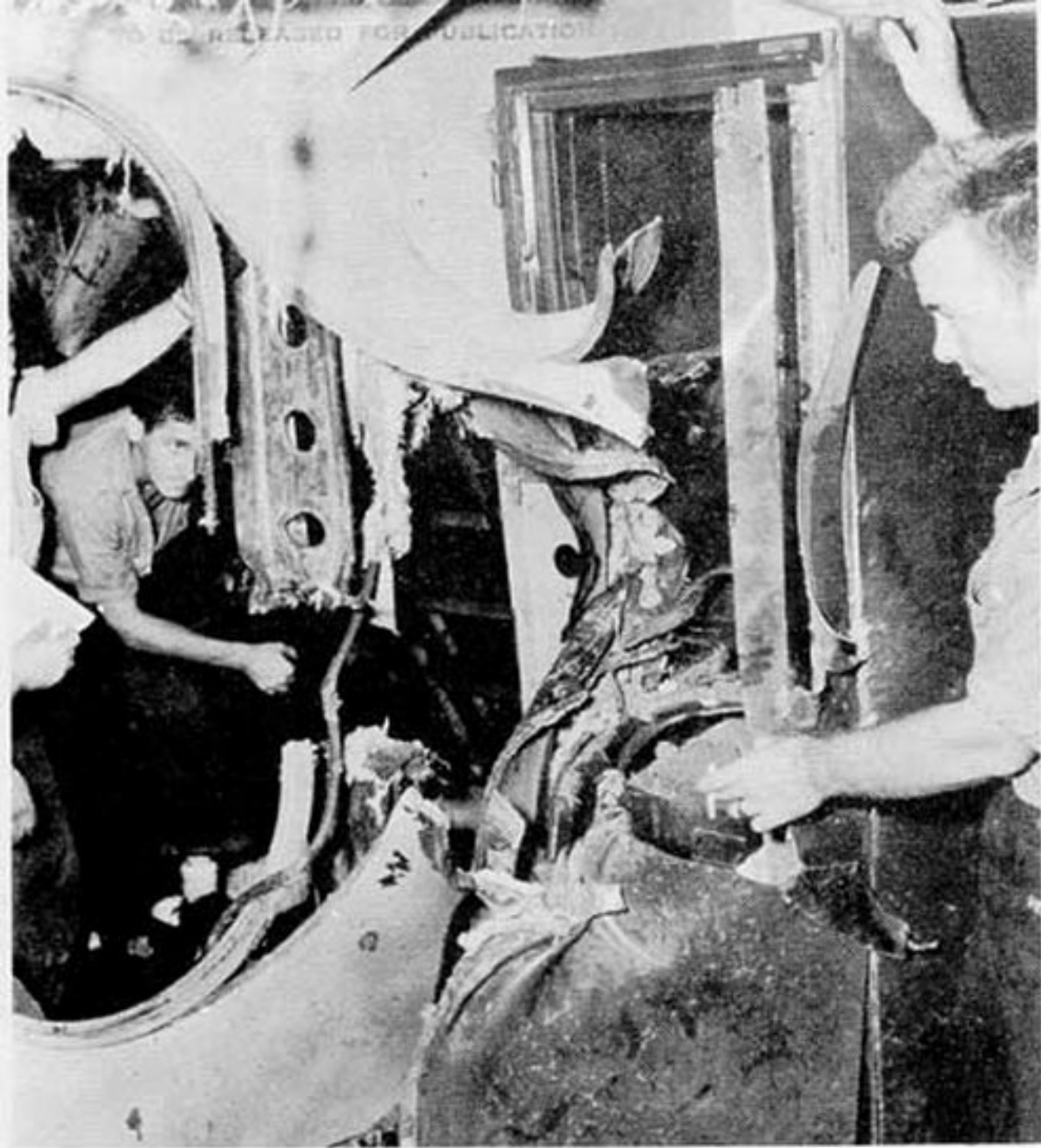


Photo 26: Hit No. 17 on structural bulkhead 9 feet to port of centerline. Note damage to safe.

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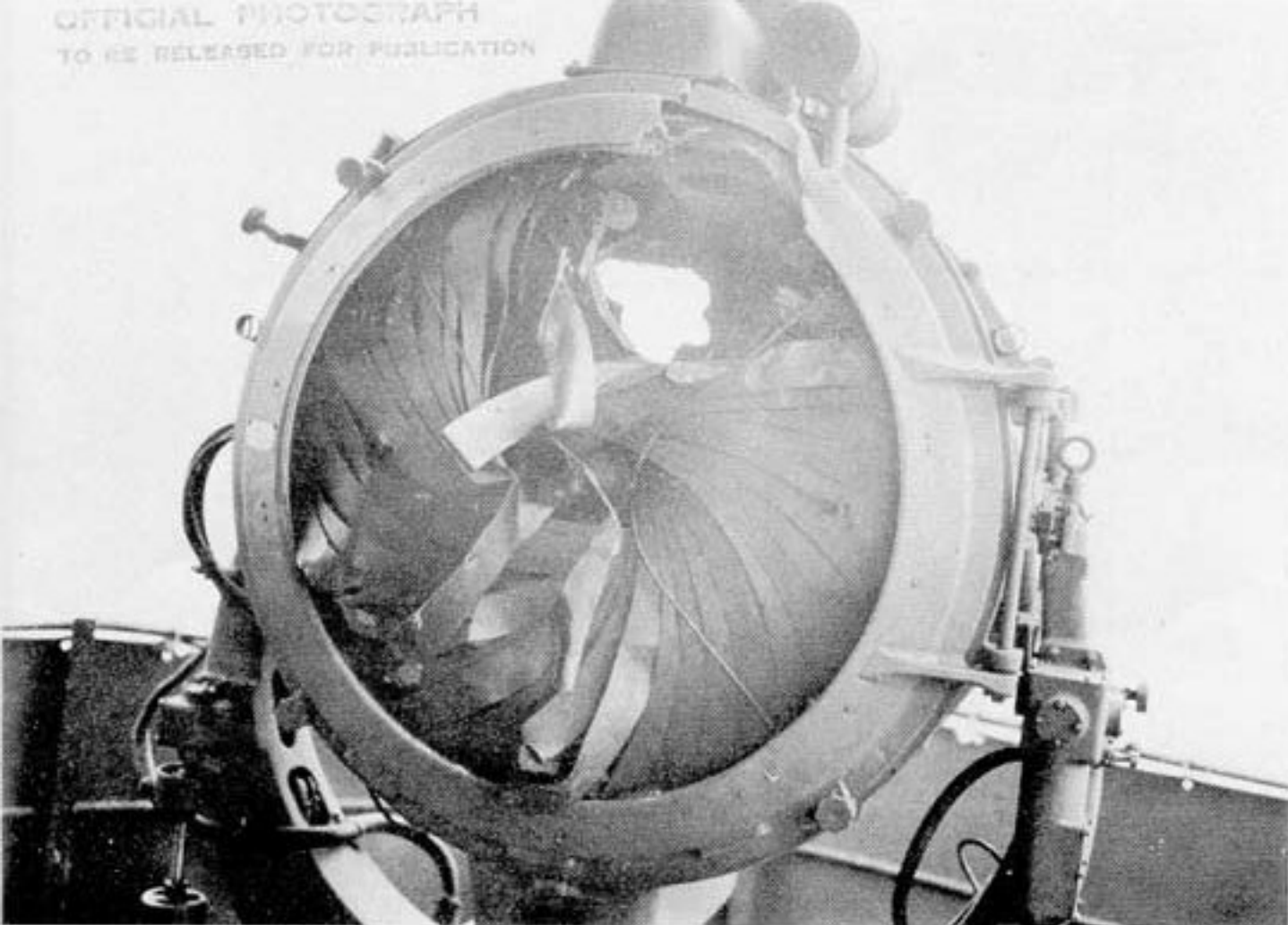


Photo 28: Hit No. 19. Damage to searchlight No. 3.



Photo 27: Hit No. 17. Port longitudinal structural bulkhead. Note damage to 5-inch mount No. 2 which stopped this projectile.

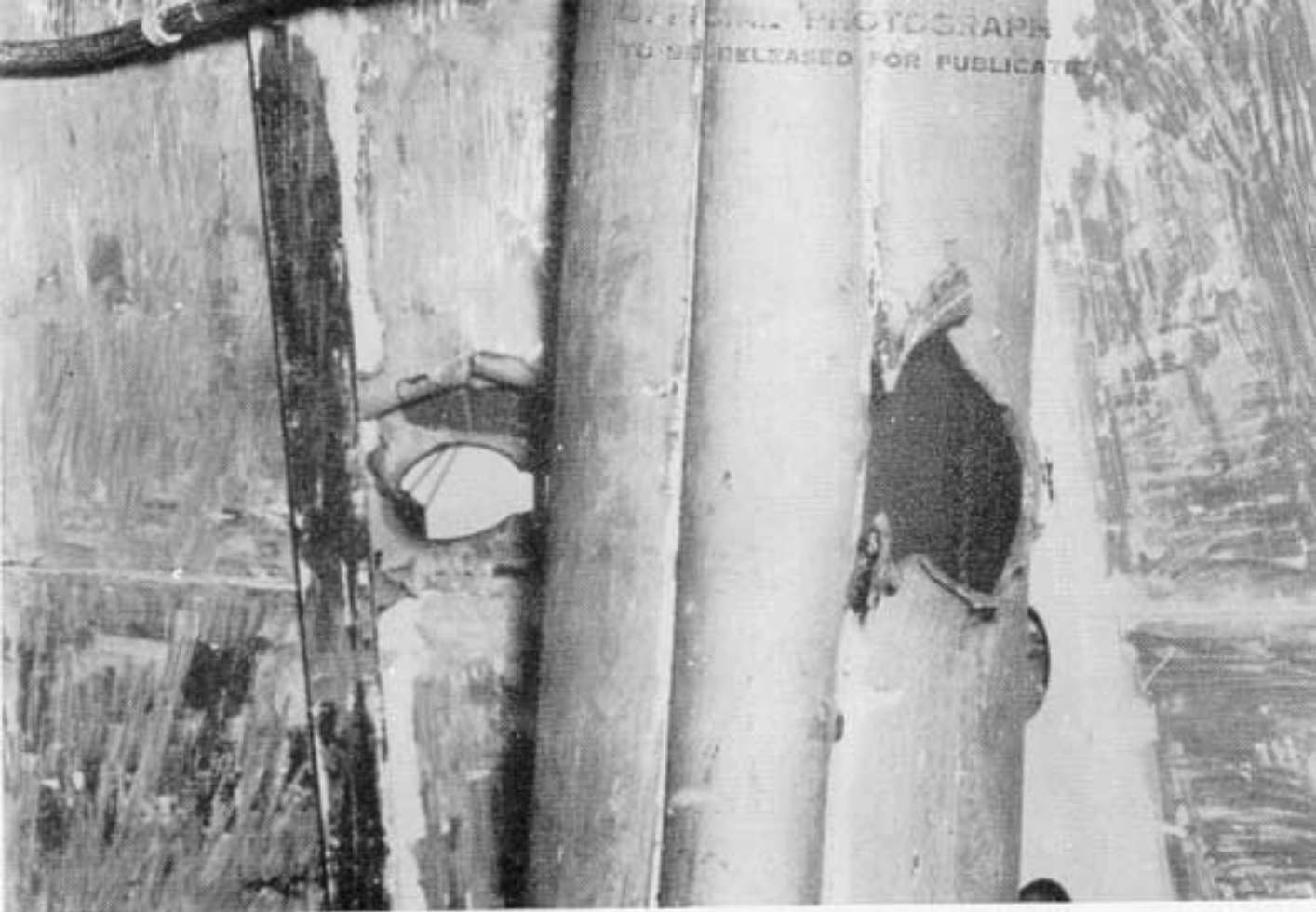


Photo 29: Hit No. 22. Hole in starboard structural bulk-head and foremast housing in battle dressing room.



Photo 30: Hit No. 22. Damage to port structural bulkhead in battle dressing room.

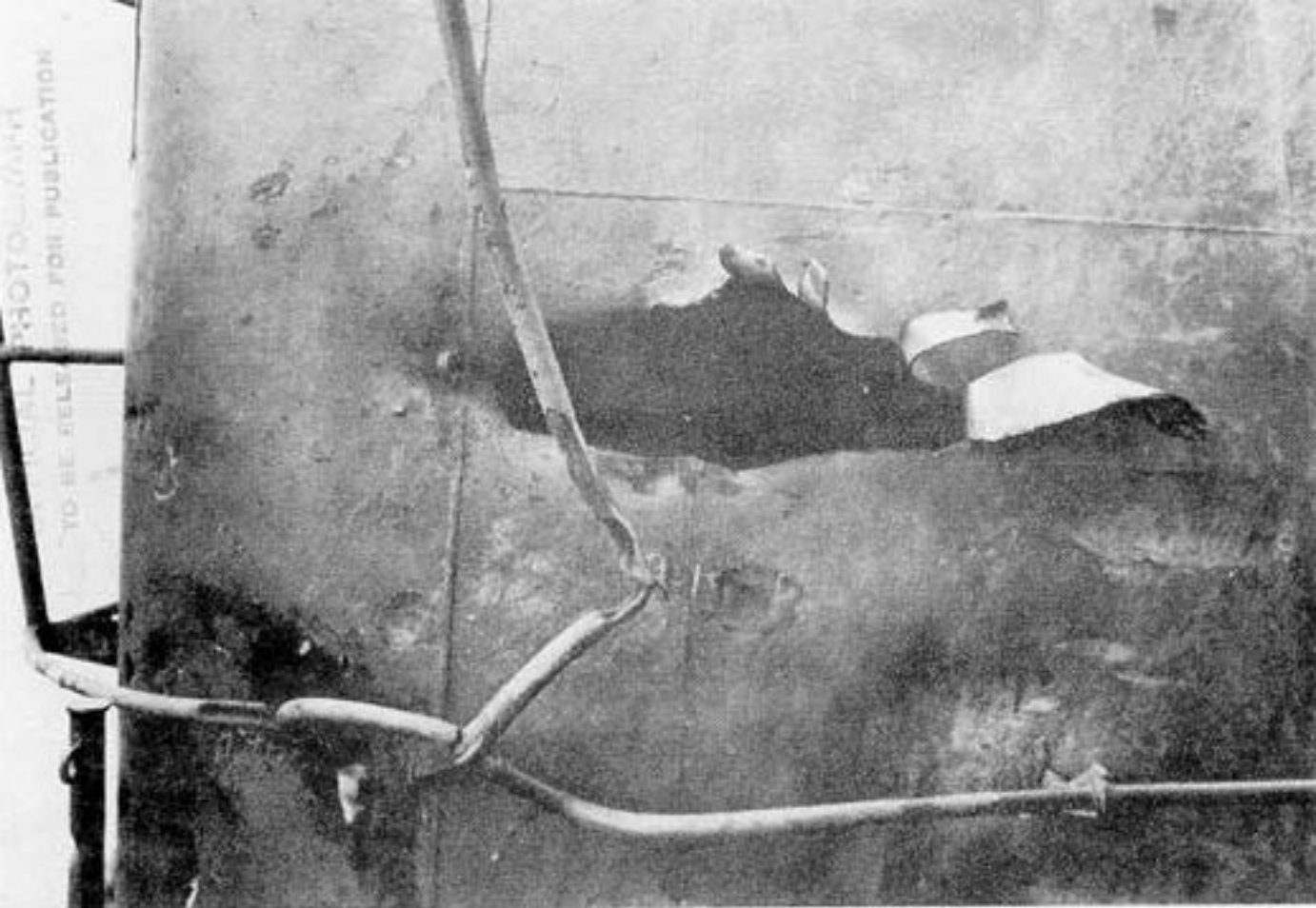


Photo 31: Hit No. 23. Damage to starboard side of stack hood.

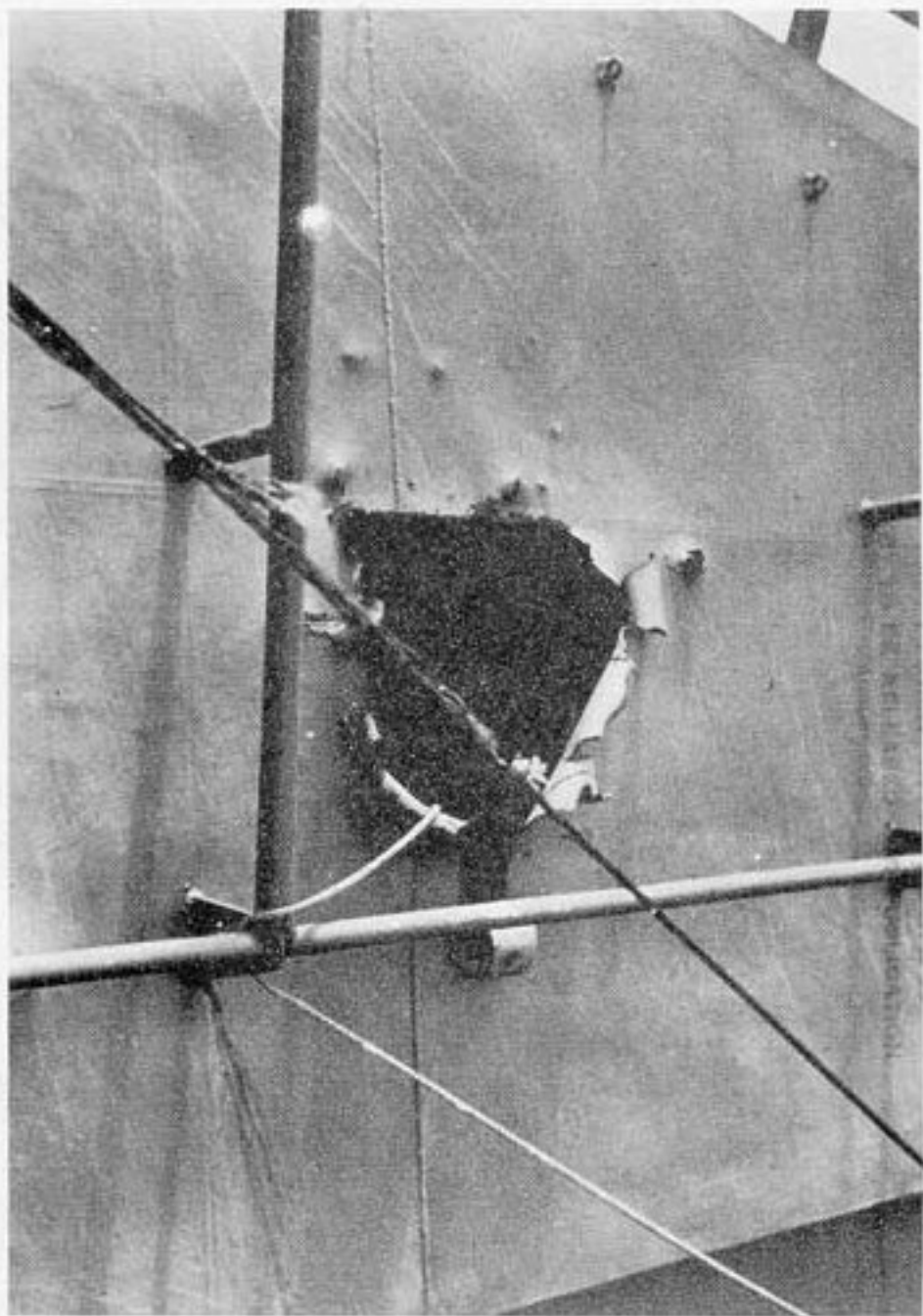


Photo 32: Hit No. 23. Damage to port side of stack hood.

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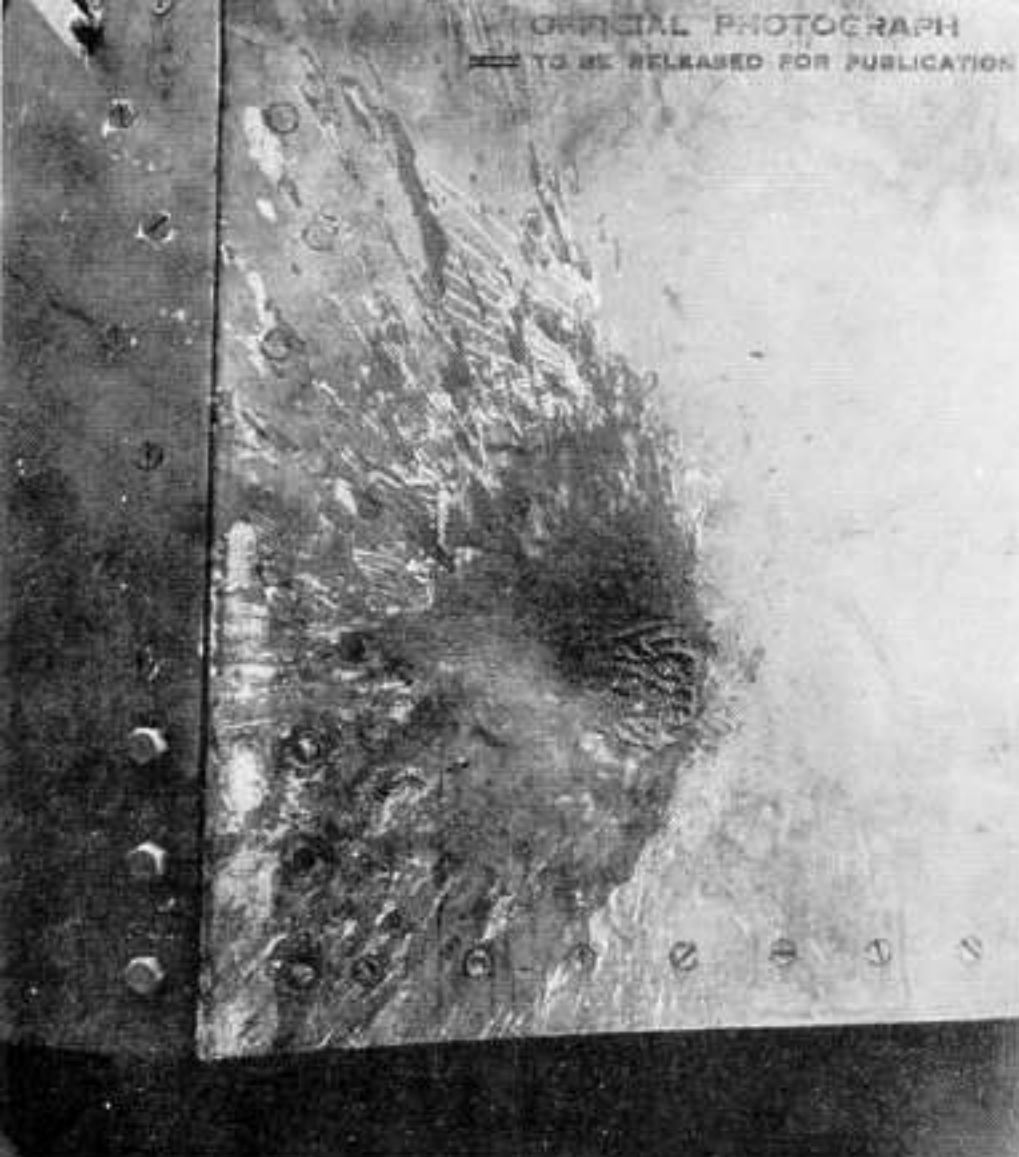


Photo 33: Hit No. 24. Damage to 5-inch mount No. 5 from glancing hit by 6-inch projectile.

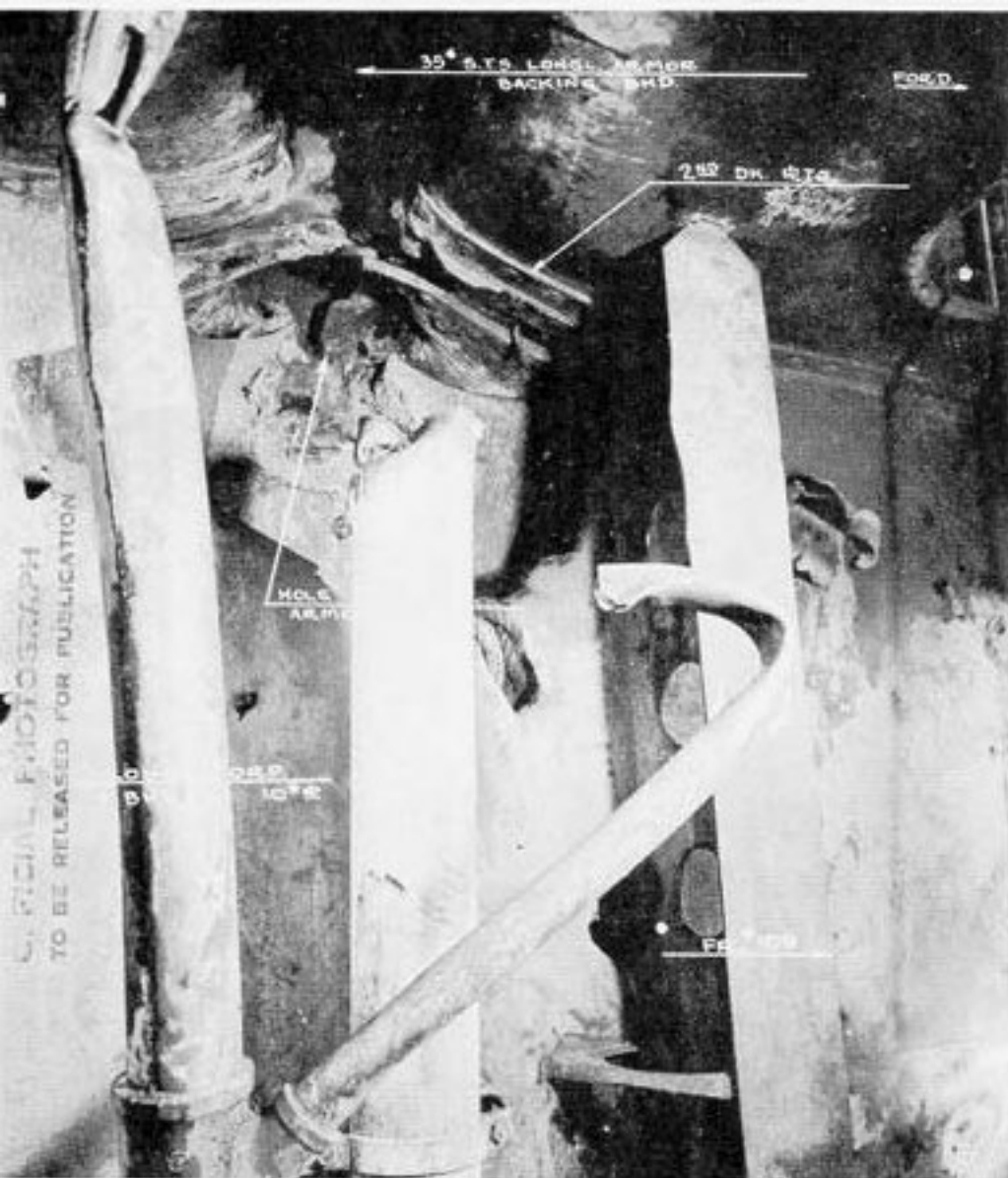
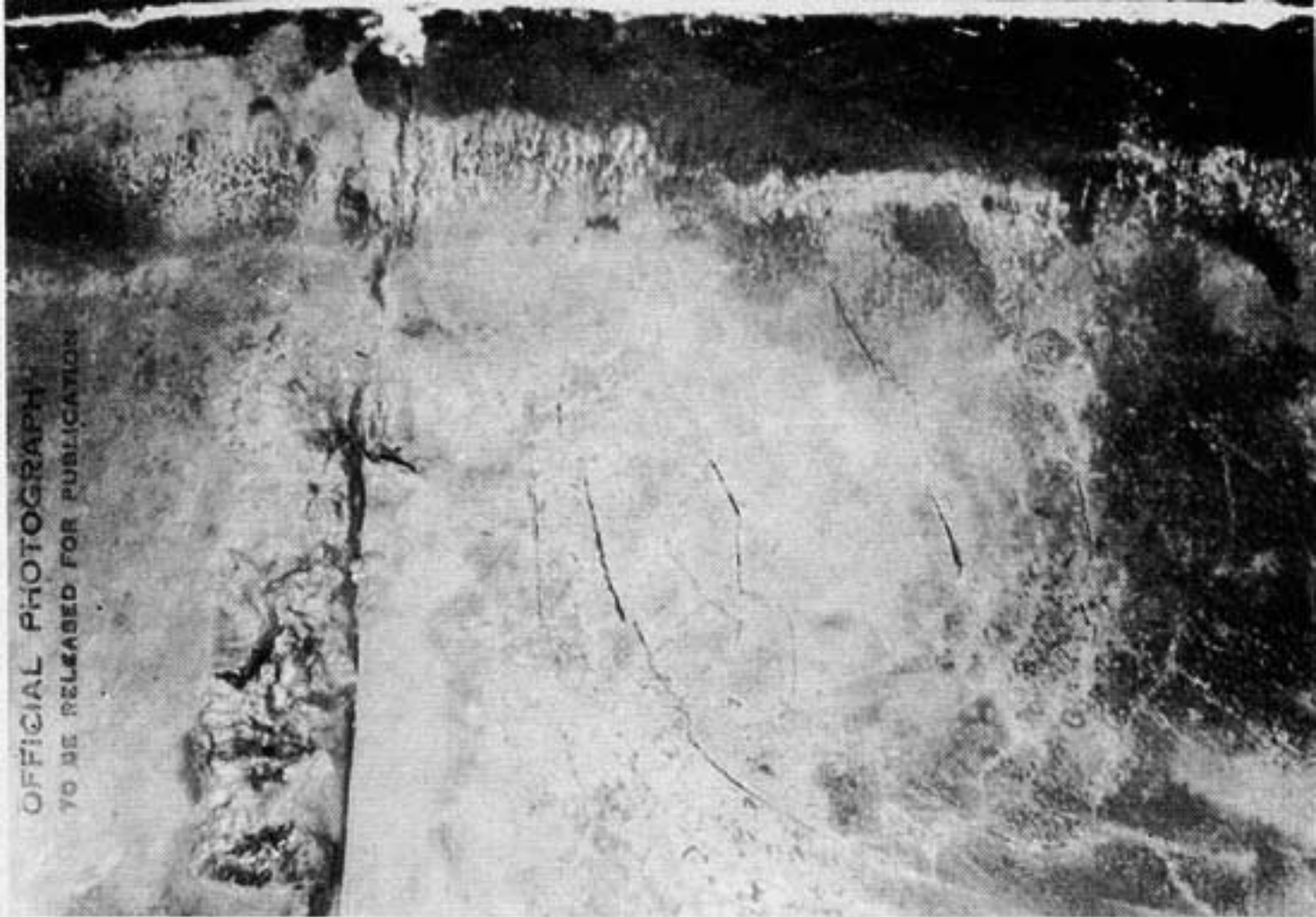


Photo 34: Hit No. 25. Damage to second deck and torpedo bulkhead No. 2.



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Photo 35: Hit No. 26. Point of impact of projectile on barrette No. 3.

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Photo 36: Hit No. 26. Damage to main deck around barbette.



Photo 37: Hit No. 26. Damage to bulkhead 129 above second deck.

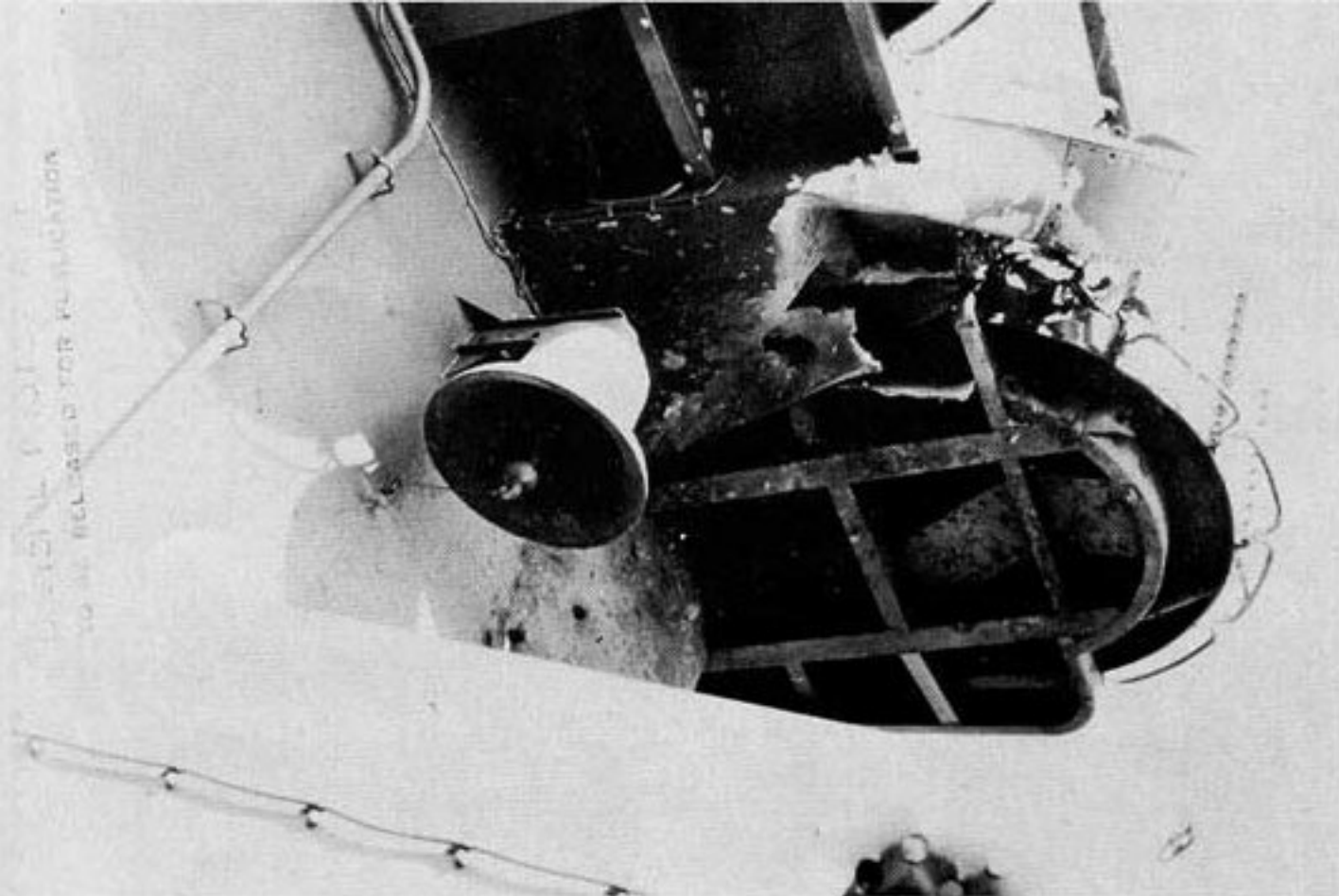


Photo 38: Damage to bulkhead 81 and radio direction finder foundation possibly from detonation of hit No. 7.

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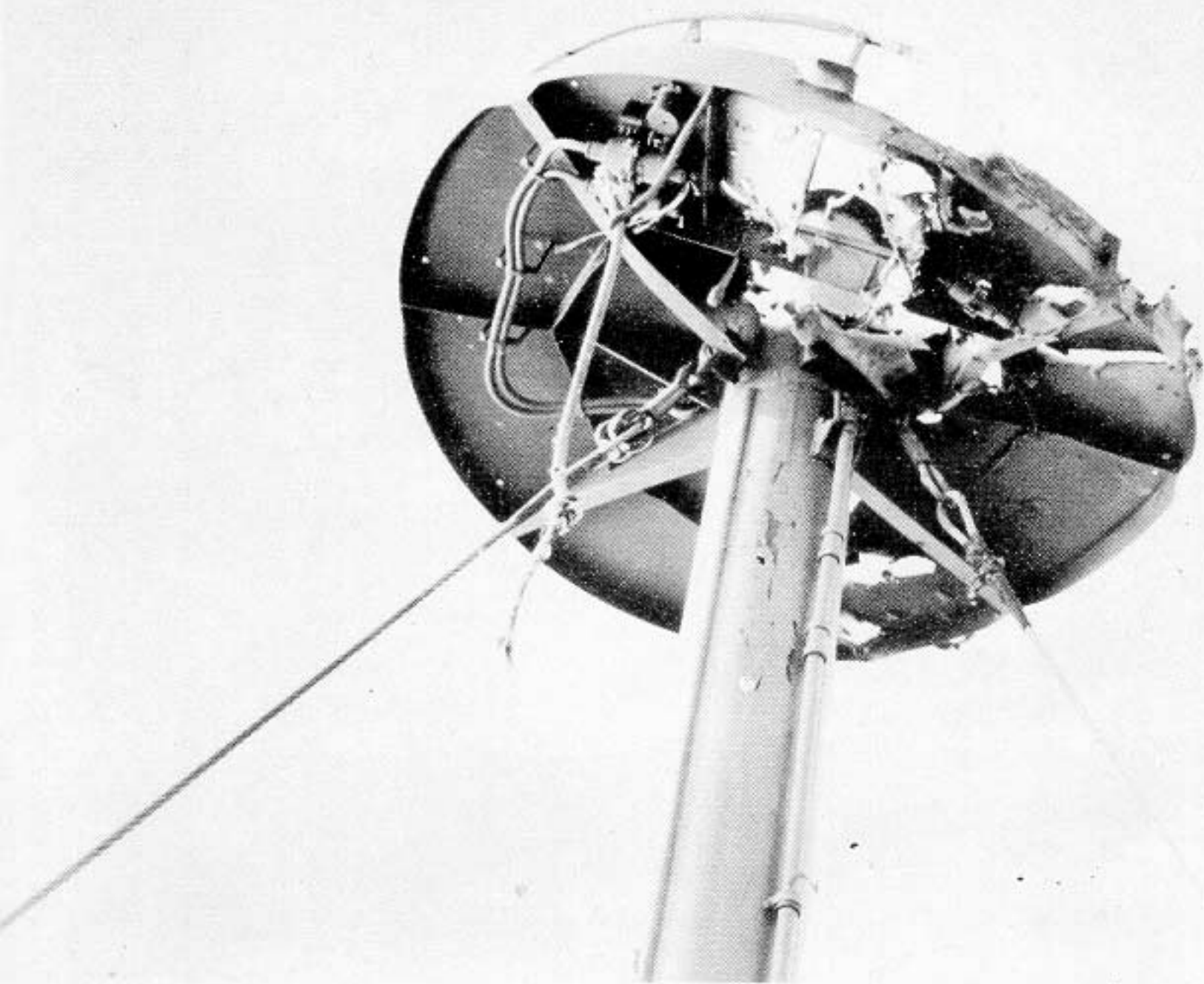


Photo 39: Damage to radar platform apparently from a projectile that detonated on contact.