



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

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Memorandum for the Record

NAVAL VESSELS SUNK DURING OPERATION CROSSROADS

The following information is presented in view of recent interest in sunken Naval vessels at Bikini Atoll.

A total of 14 Naval vessels were sunk during Operation CROSSROADS held in 1946 at Bikini Atoll. The test ABLE bomb, an air burst, exploded on July 1, 1946, and sank the following vessels:

GILLIAM, merchant-type attack transport
ANDERSON, destroyer
CARLISLE, attack transport
LANSON, destroyer
SAKAWA, light cruiser (formerly Japanese)

The test BAKER bomb, an underwater burst, exploded on July 25, 1946, and sank the following vessels:

LSM-60, landing ship (mechanized)
ARKANSAS, battleship
SARATOGA, aircraft carrier
NAGATO, battleship (formerly Japanese)
PILOTFISH, submarine
SKIPJACK, submarine
APOGON, submarine
YO-16, concrete oil barge
LCT-1114, landing craft

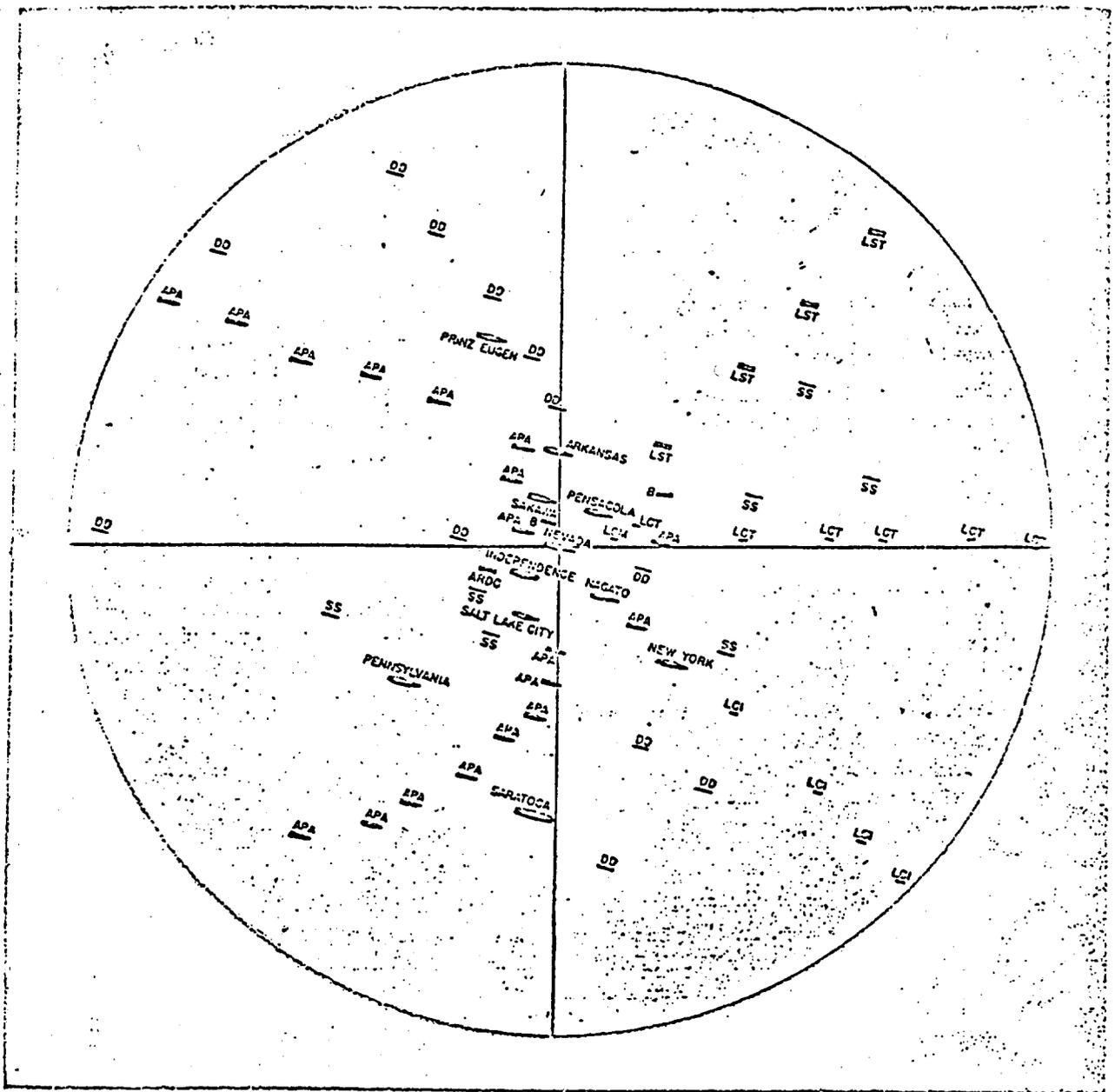
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LSM-60, under which was slung the BAKER bomb, disintegrated almost instantaneously after detonation. LCT-1114 capsized and was later sunk by Task Force One personnel.

The above information was extracted from "Bombs at Bikini," the official report of Operation CROSSROADS, 1947, by W. A. Shurcliff. The book is published by the Wm. H. Wise & Co., Inc., 336 Mountain Road, Union City, New Jersey, 07087.

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| DD DESTROYER | LST LANDING SHIP TANK | LCM LANDING CRAFT MECHANIZED |
| SS SUBMARINE | LCI LANDING CRAFT INFANTRY | ARDC FLOATING DRYDOCK |
| APA ATTACK TRANSPORT | LCT LANDING CRAFT TANK | B BARGE |

Figure 1.16. Drawing of the Bikini Test Able target array as the bombardier might have seen it. In order to give accurate instrumentation of gradual damage the concentration of ships was much higher than would normally be found in a tactical situation.

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