DNI MASTER FILE DRAWINGS, 1:300; JULY 1942

BB	TIRPITZ	
	GNEISENAU	
	SCHARNHORST	
CV	GRAF ZEPPELIN	
CA	LÜTZOW	(Panzerschiff)
	ADMIRAL SCHEER	(Panzerschiff)
	ADMIRAL HIPPER	
	PRINZ EUGEN	
CL	EMDEN	
	KÖLN (KÖNIGSBERG class)	
	LEIPZIG	
	NÜRNBERG	
DD	KARL GALSTER, Z 20 (Z.1936)	
	Z.1936A ("NARVIK" class, Z 23-30, 4 - 15 cm.)	
	Z.1934 (IEBERECHT MAASS class)	
	HERMES, ZG 3 (ex-Greek BASILEUS GEORGIOS)	
TB/ DC	T.1924 (WOLF class)	
	T.1923 (MÖWE class)	
	T.1935 (T 1 class)	(T 1-12)
	LÖWE class (ex-Norwegian SLEIPNER)	
	T 107 class (T 107, 108, 110, 111)	
PG	F 5 class (F 5, 7, 8, 9, 10)	
	F 1 class (F 1, 3, 6 (KÖNIGIN LUISE))	
GUNNERY TRAINING SHIP & MINELAYER		
	BRUMMER	
PY	GRILLE	

DNI MASTER MODEL DRAWINGS, 1:600

CL	KÖLN (KÖNIGSBERG class)	(Nov. 1942)
CL	NÜRNBERG	(Oct. 1942)
DD	Z.1936A ("NARVIK" class)	(Jan. 1943)
TB/ DC	T.1924 (WOLF class)	(Jan. 1943)

MASTER FILE DRAWINGS

OF GERMAN NAVAL VESSELS

DECLASSIFIED

Spec
Over
VA
513
.M37
1942

DECLASSIFIED

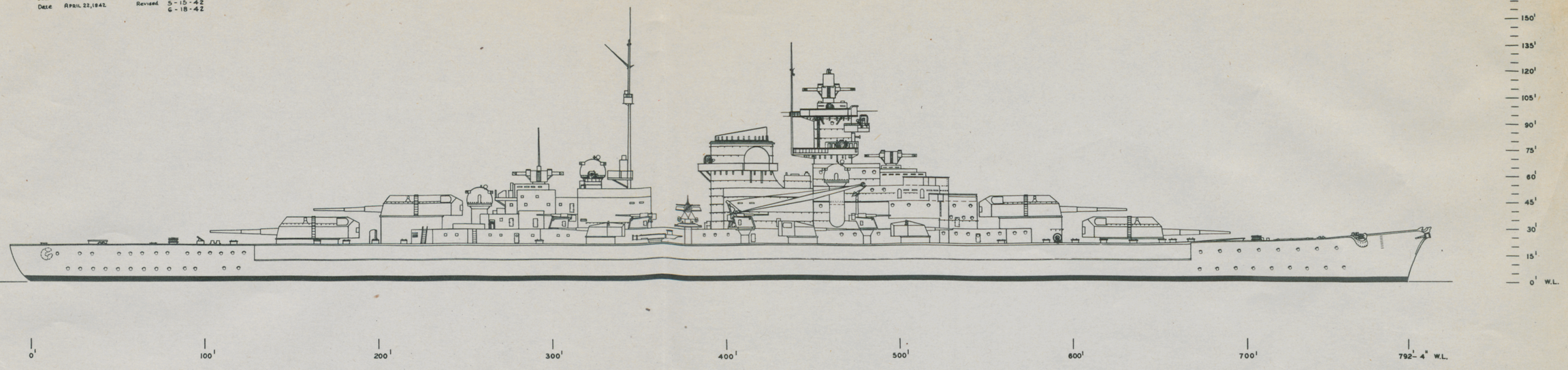
DIVISION OF NAVAL INTELLIGENCE
IDENTIFICATION & CHARACTERISTICS SECTION
July 1942.

Spec
Over
VA
513
.M37
1942

TIRPITZ

Subject TIRPITZ
Project # 105
Scale 1" = 25
Date APRIL 22, 1942

Drawing #
Drawn by R.W.P. & N.G.Q.Jr.
Revised 5-15-42
6-18-42

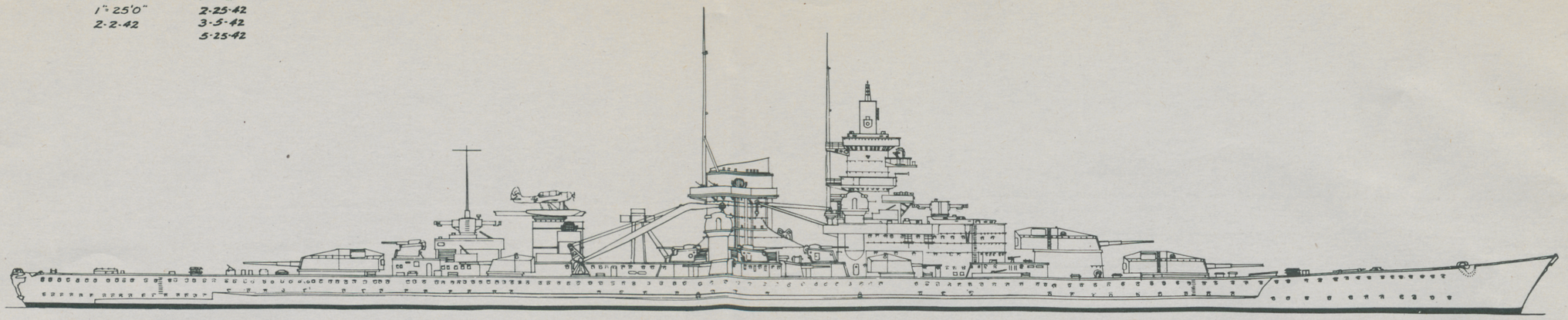


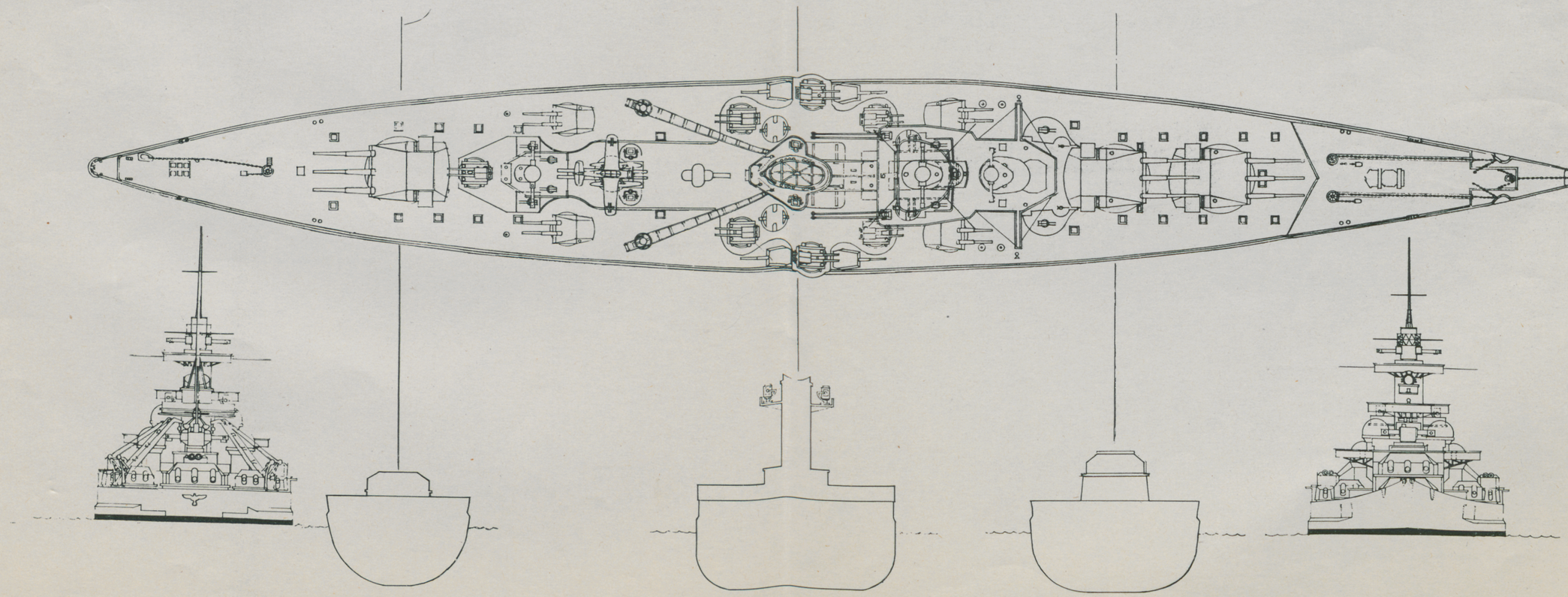
OCLC#
29233028

GNEISENAU

105
1" = 25'0"
2-2-42

W.B.D.
2-25-42
3-5-42
5-25-42

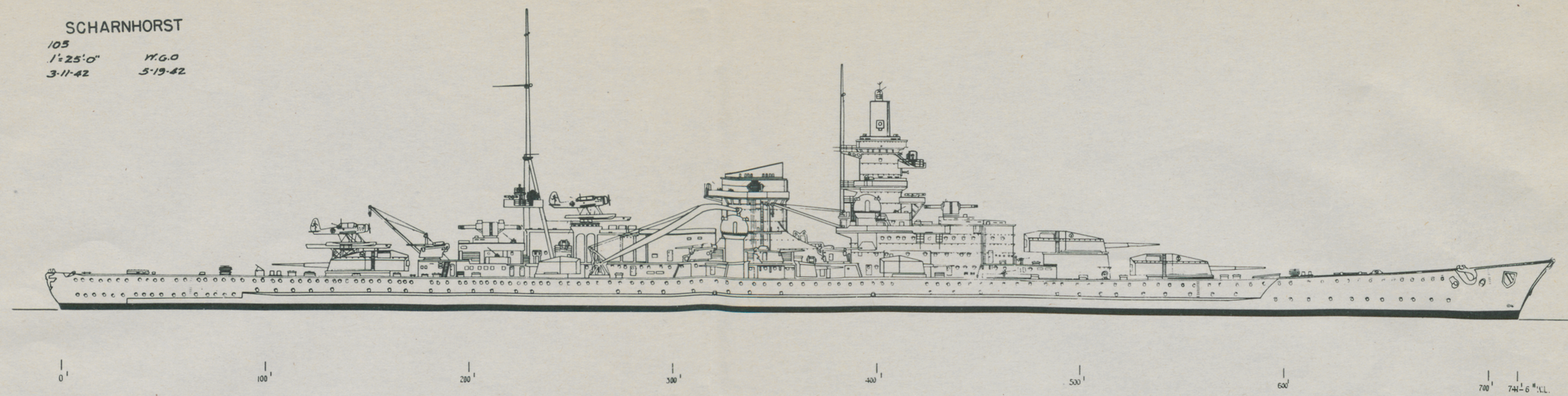


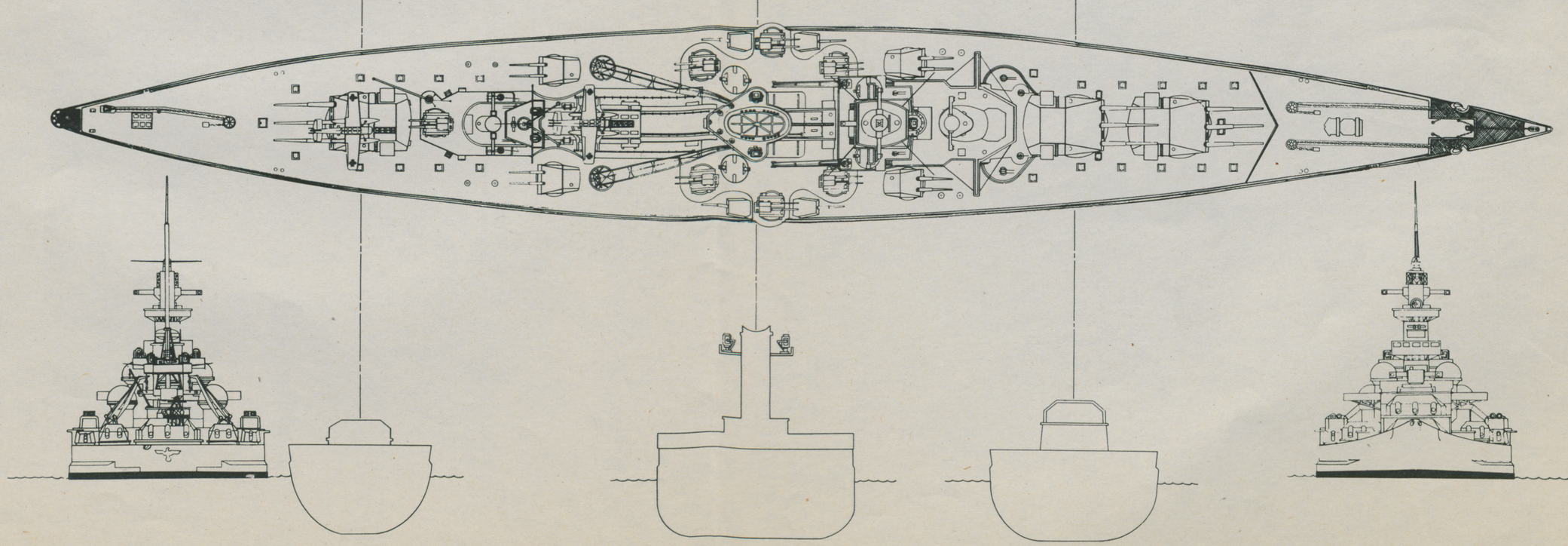


SCHARNHORST

105
1"=25'-0"
3-11-42

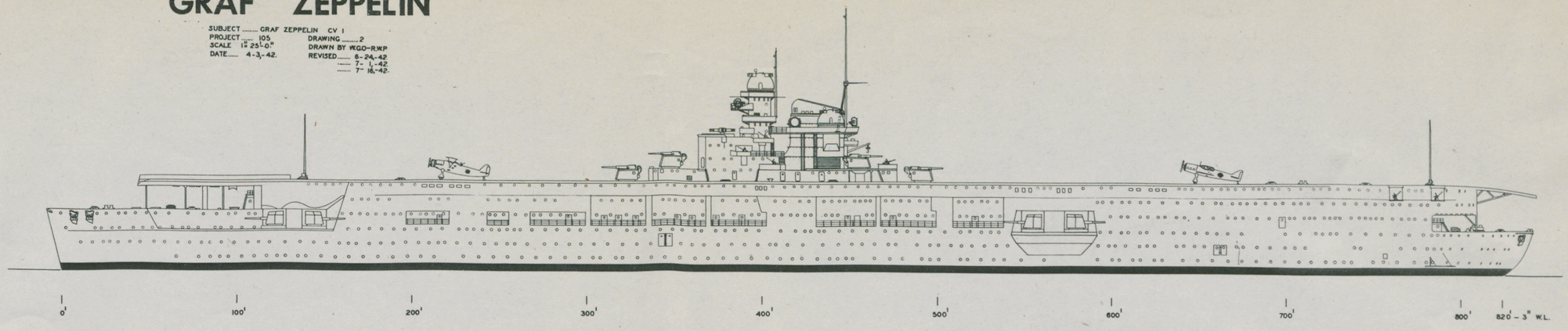
W.G.O
5-19-42

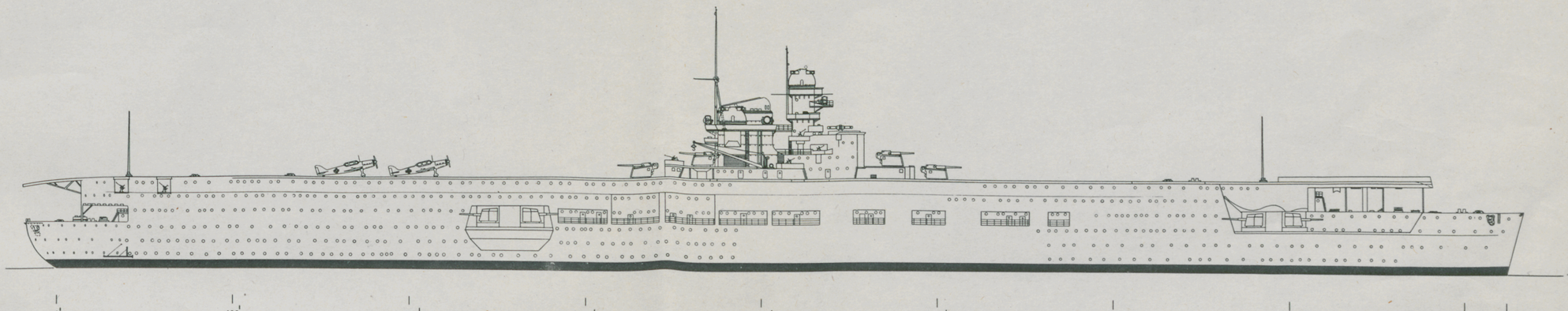


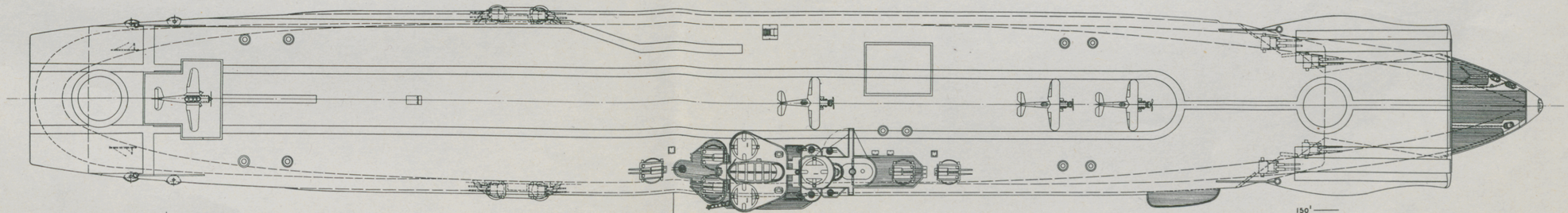


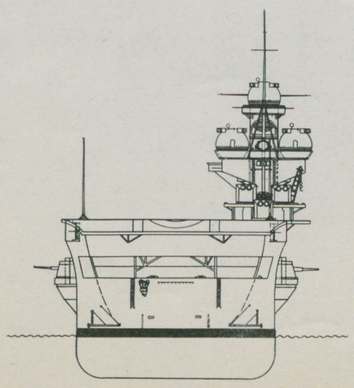
GRAF ZEPPELIN

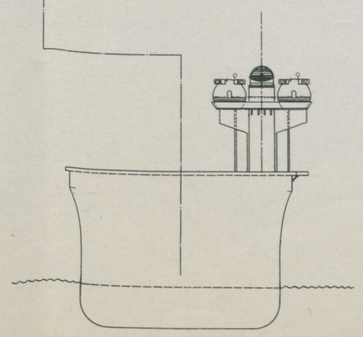
SUBJECT ..... GRAF ZEPPELIN CV 1
PROJECT ..... 105 DRAWING 2
SCALE 1" 25'-0" DRAWN BY WGO-RWP
DATE ..... 4-3-42. REVISED 6-24-42
..... 7- 1-42
..... 7- 16-42.

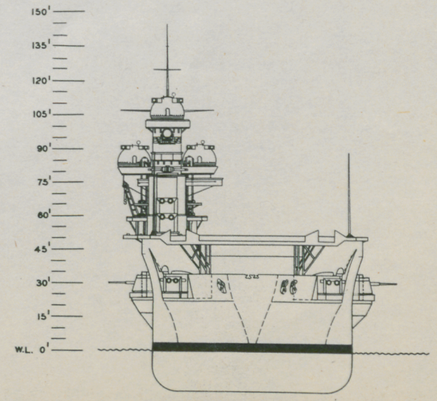








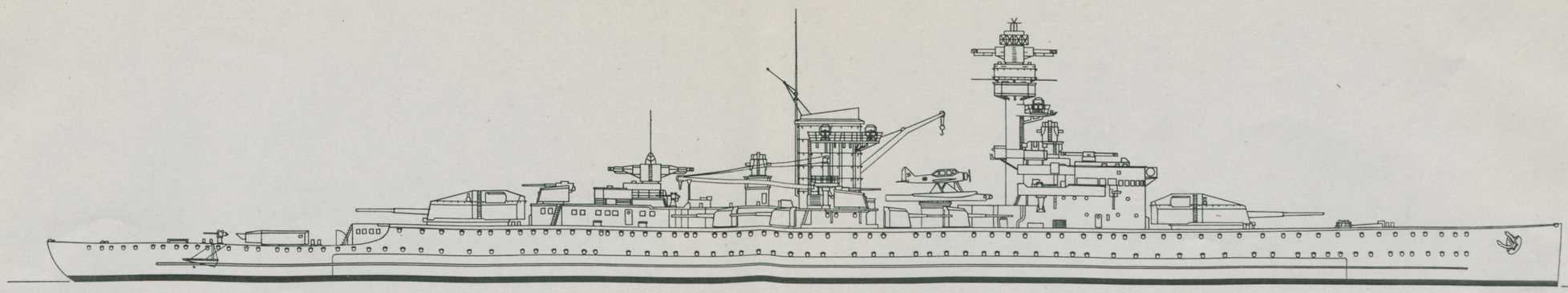


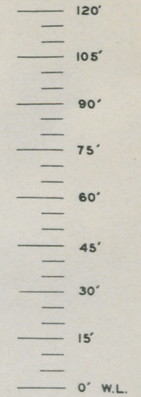


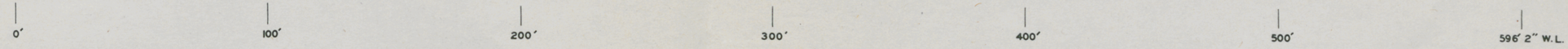
LUETZOW

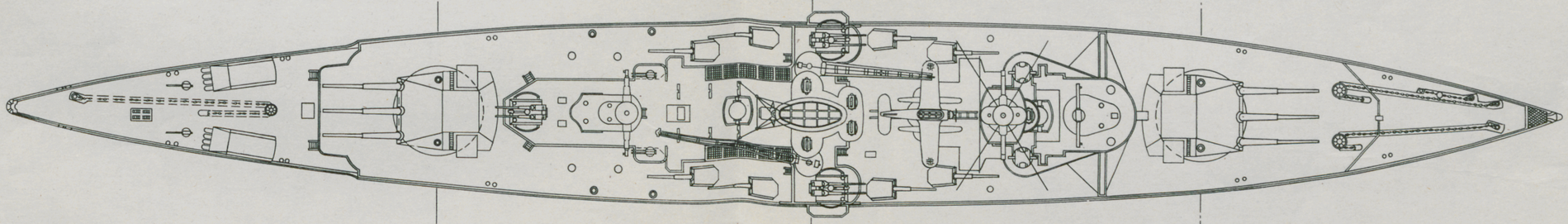
SUBJECT.....LUETZOW CA 6
PROJECT.....105
SCALE.....1" = 25'0"
DATE.....8-6-42

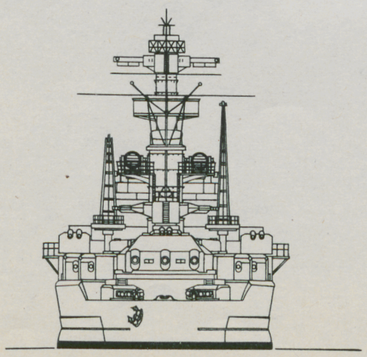
DRAWING.....1
DRAWN BY...J.F.C.
REVISED.....

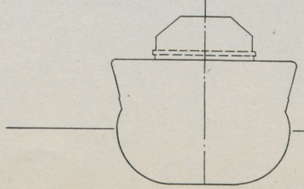


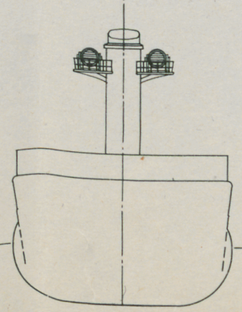


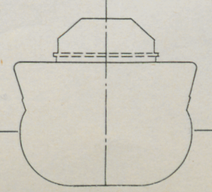


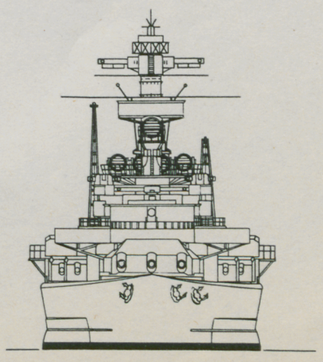


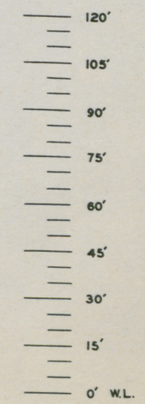






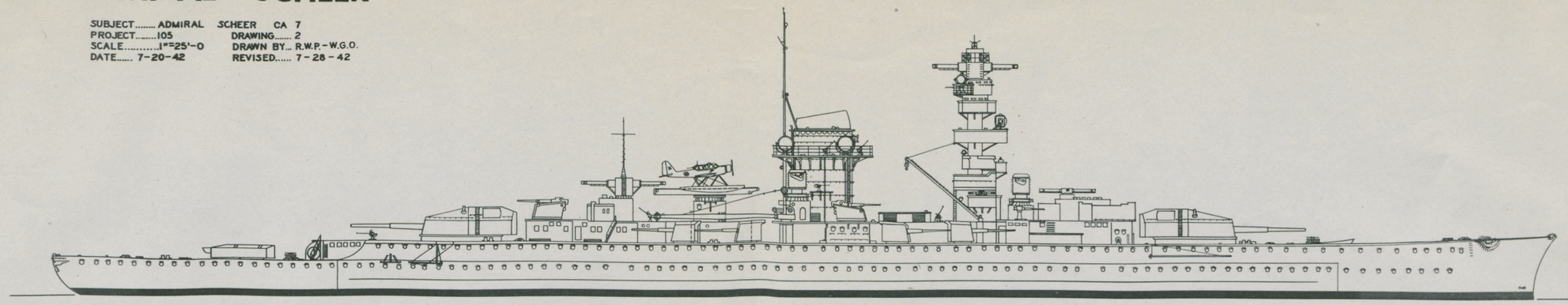


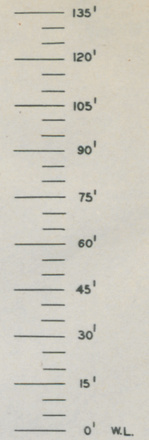


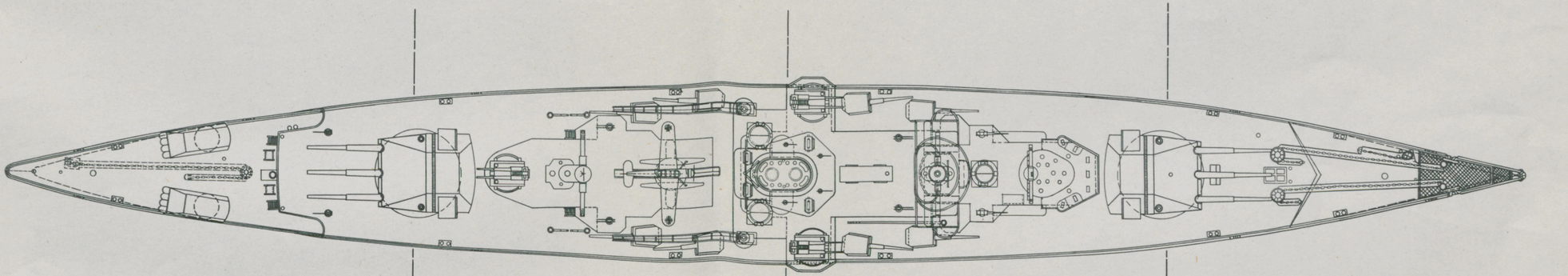


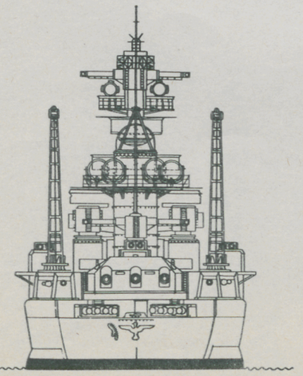
ADMIRAL SCHEER

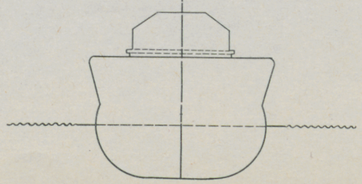
SUBJECT..... ADMIRAL SCHEER CA 7
PROJECT..... 105 DRAWING..... 2
SCALE..... 1"=25'-0 DRAWN BY... R.W.P.-W.G.O.
DATE..... 7-20-42 REVISED..... 7-28-42

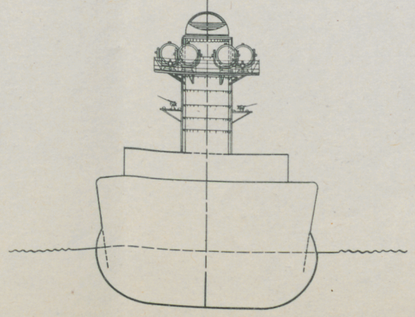


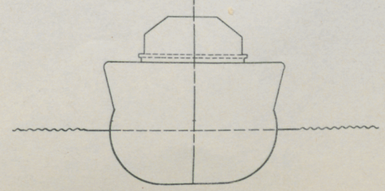


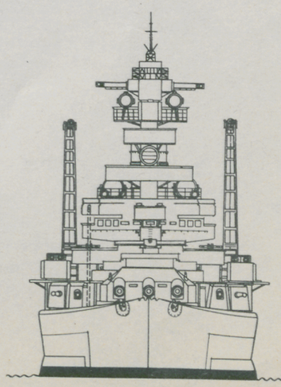


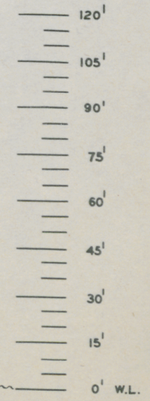






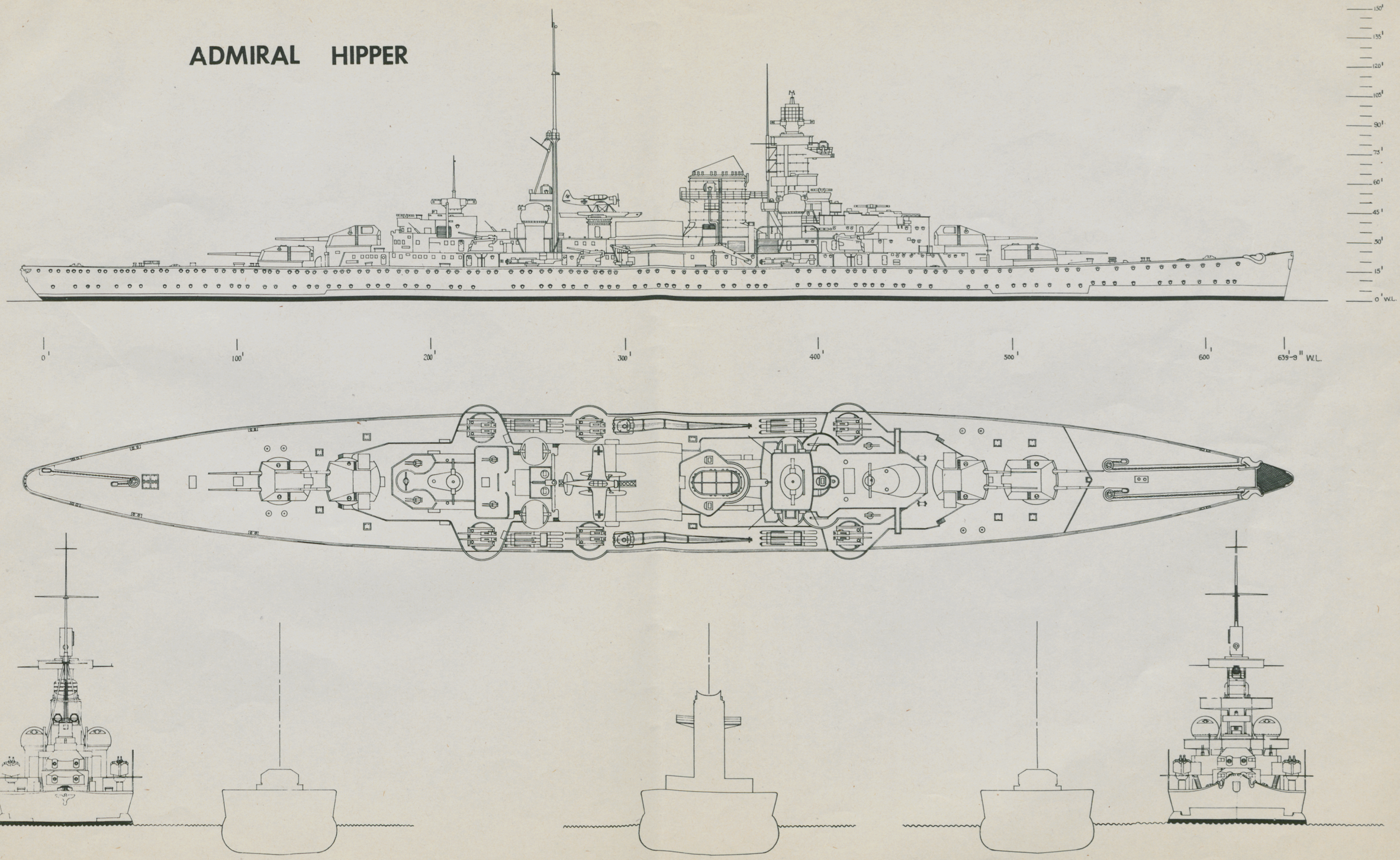






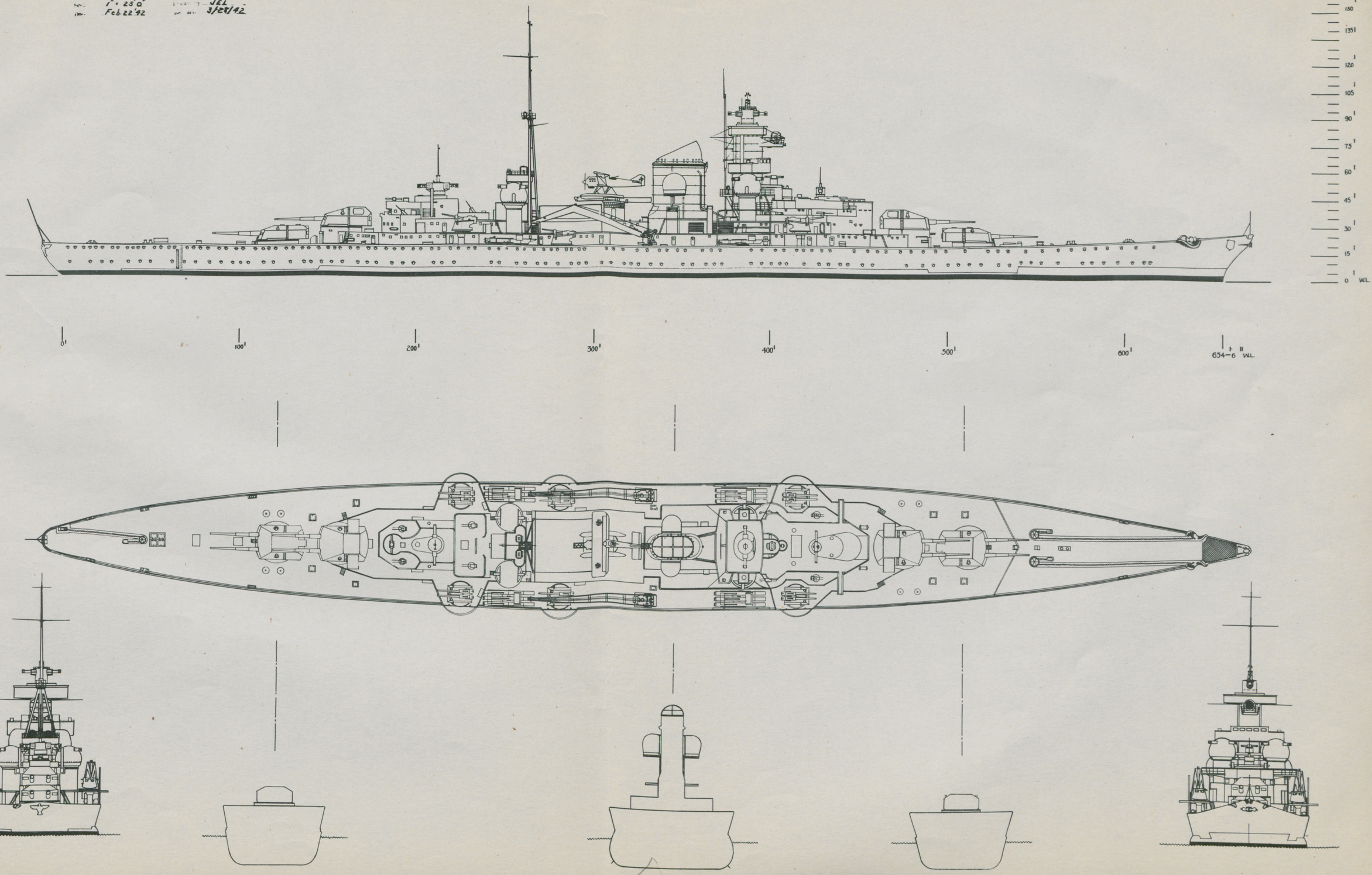
0' 100' 200' 300' 400' 500' 596'-2" W.L.

ADMIRAL HIPPER



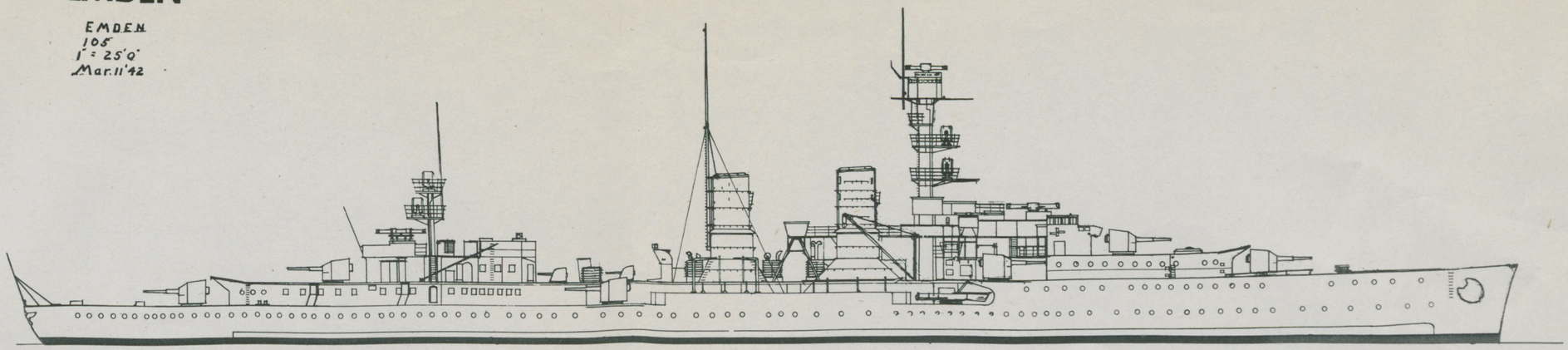
PRINZ EUGEN

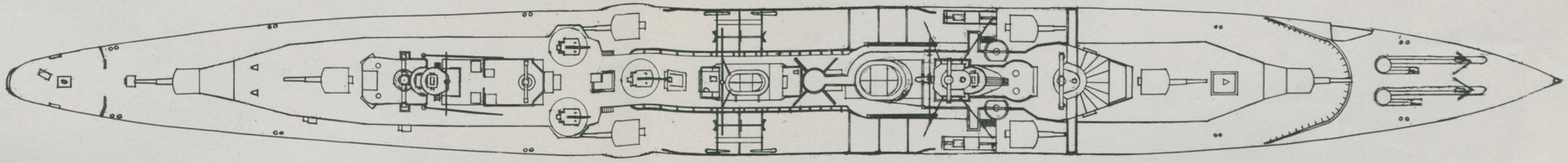
PRINZ EUGEN
105
1" = 25'0"
Feb 22 '42
2
JEL
3/28/42

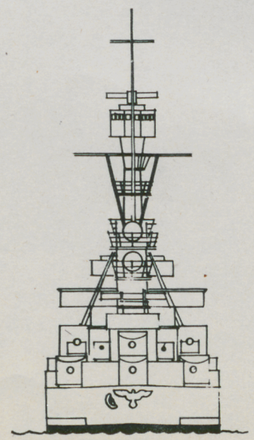


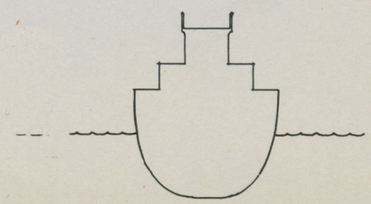
EMDEN

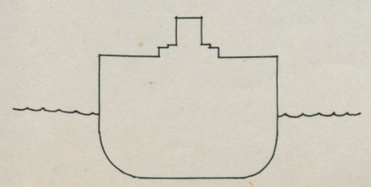
EMDEN
105
1" = 25'0"
Mar. 11'42

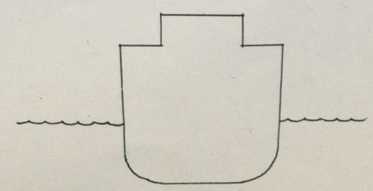


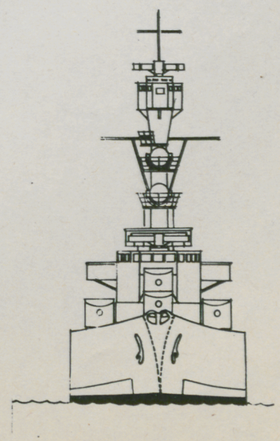






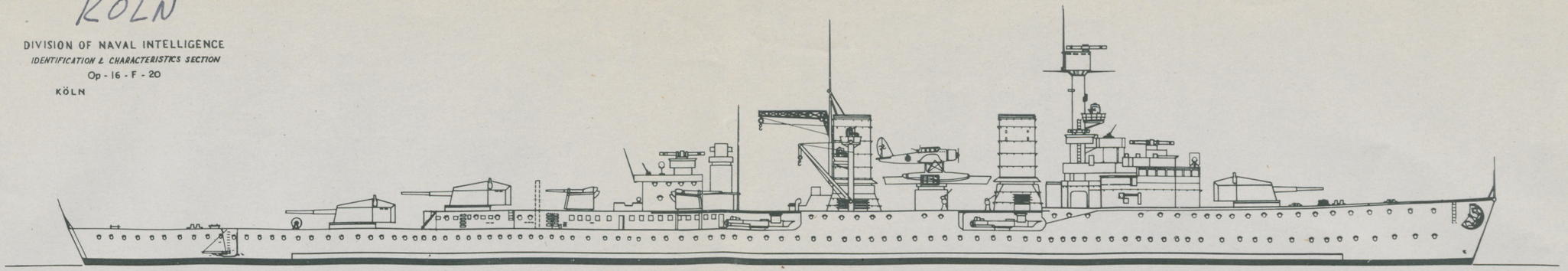


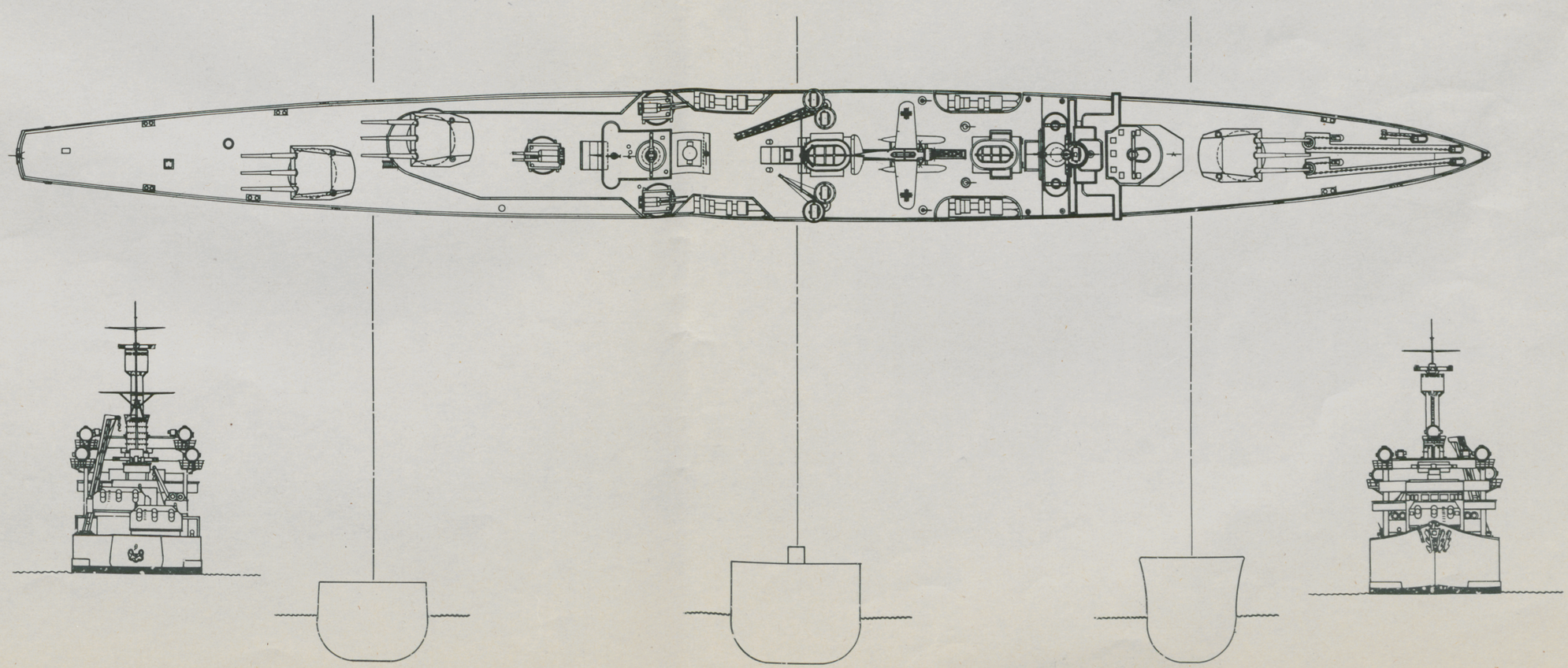




KÖLN

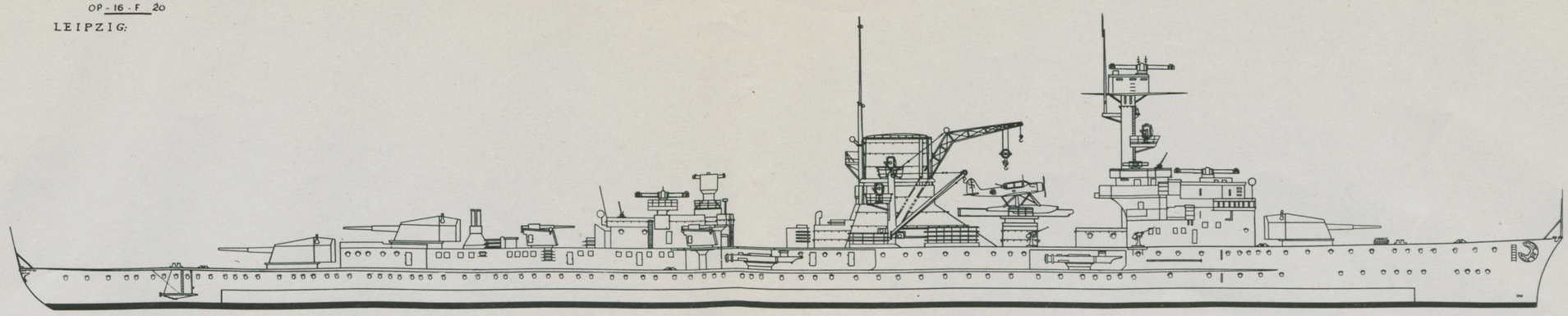
DIVISION OF NAVAL INTELLIGENCE
IDENTIFICATION & CHARACTERISTICS SECTION
Op - 16 - F - 20
KÖLN

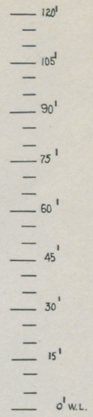




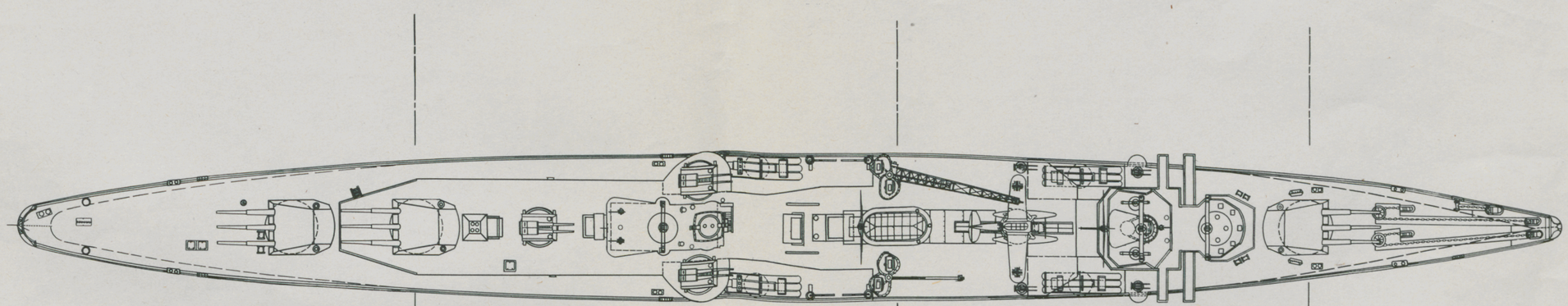
DIVISION OF NAVAL INTELLIGENCE
IDENTIFICATION & CHARACTERISTICS SECTION
OP-16-F 20

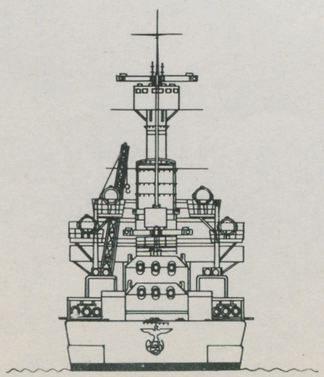
LEIPZIG:

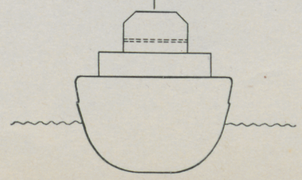


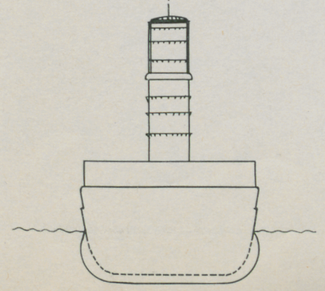


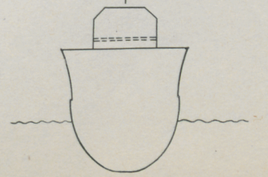
0' 100' 200' 300' 400' 500' 554'-7" W.L.

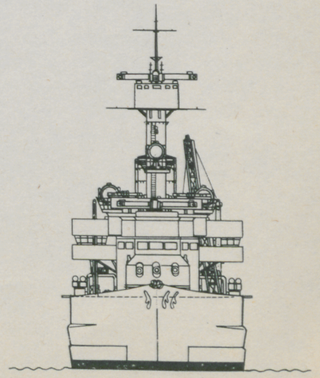




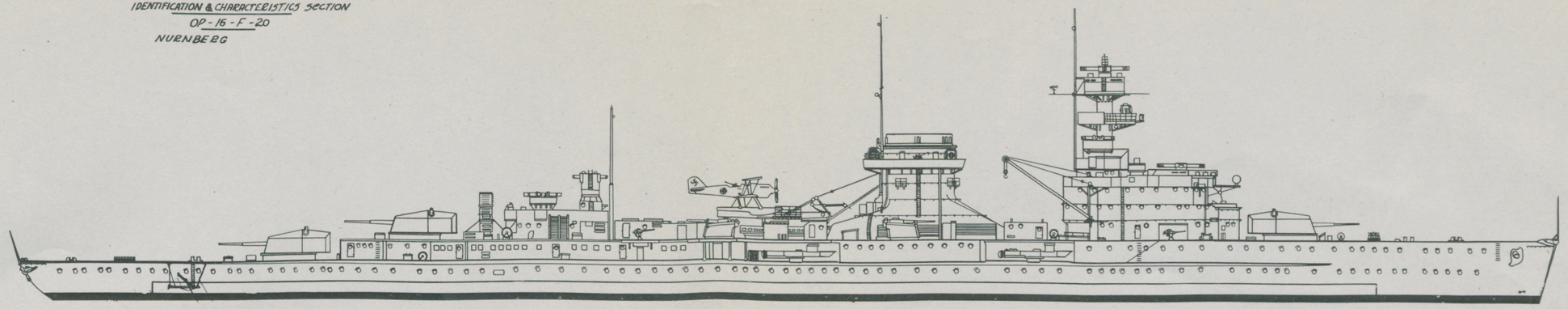


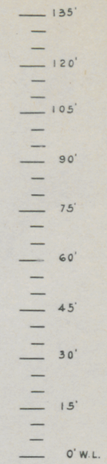


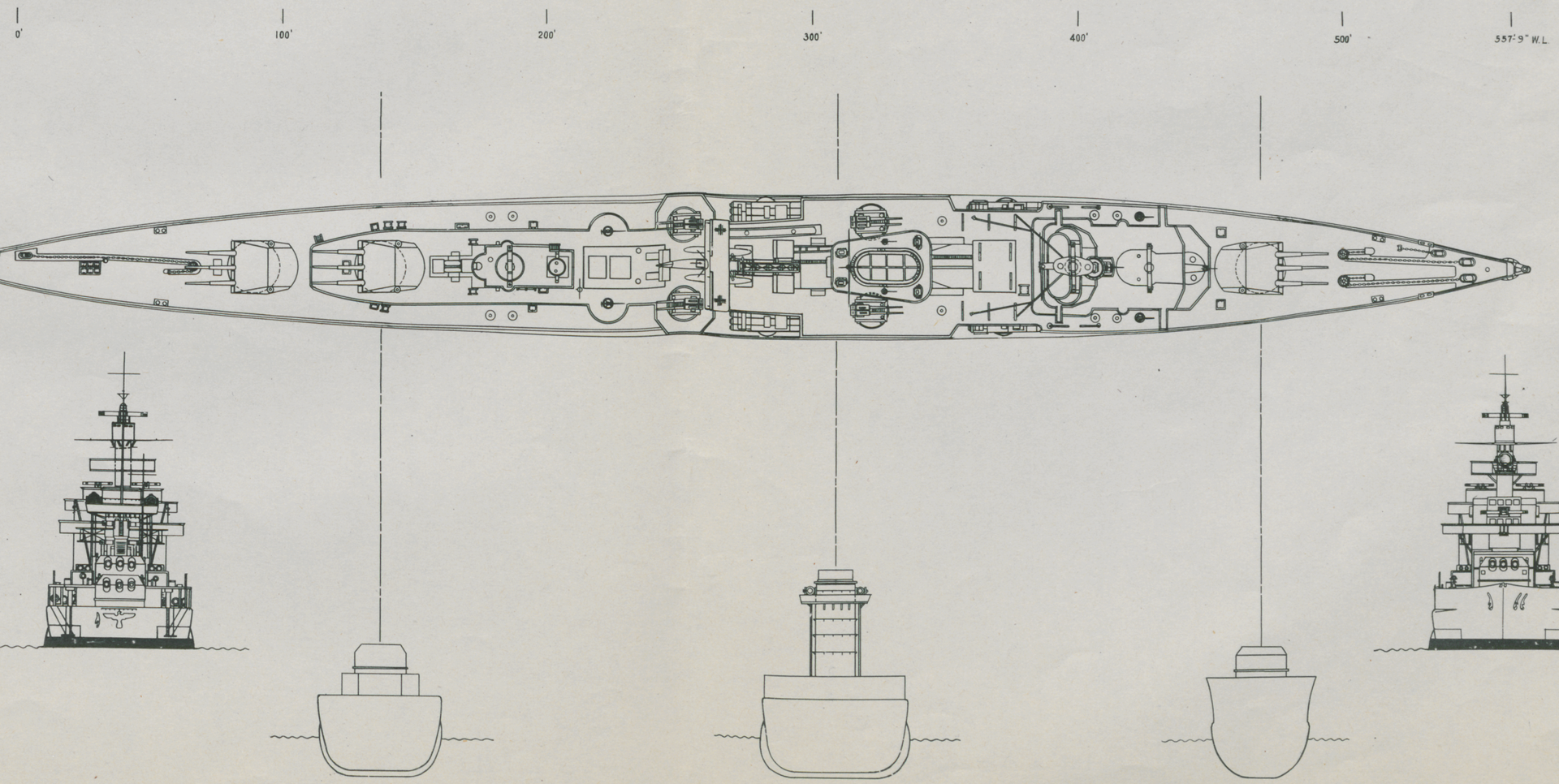




DIVISION OF NAVAL INTELLIGENCE
IDENTIFICATION & CHARACTERISTICS SECTION
OP-16-F-20
NURNBERG







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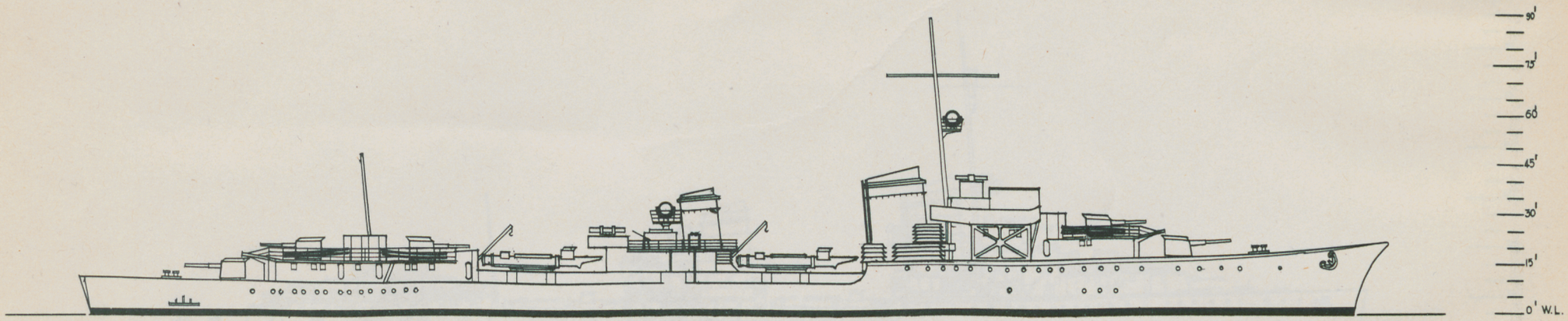
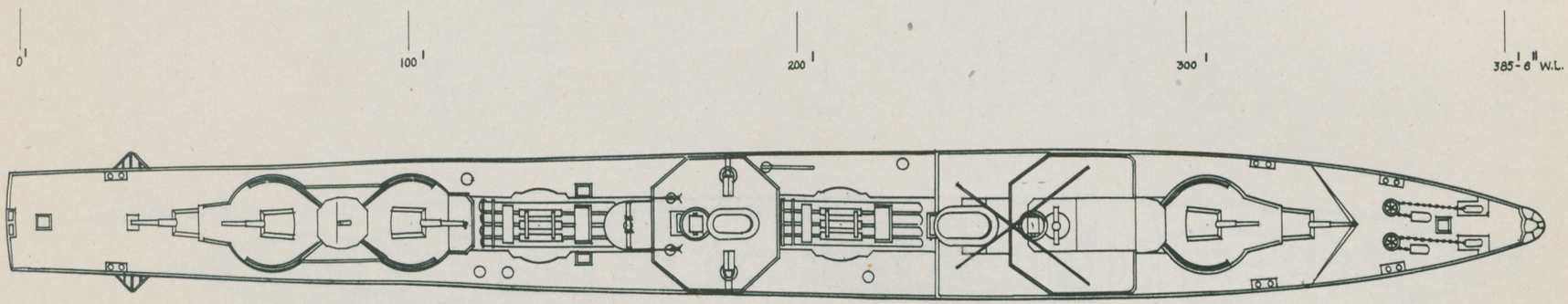
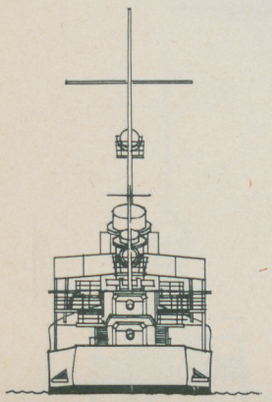
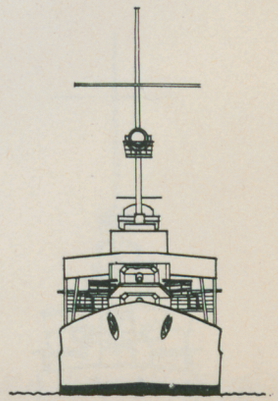
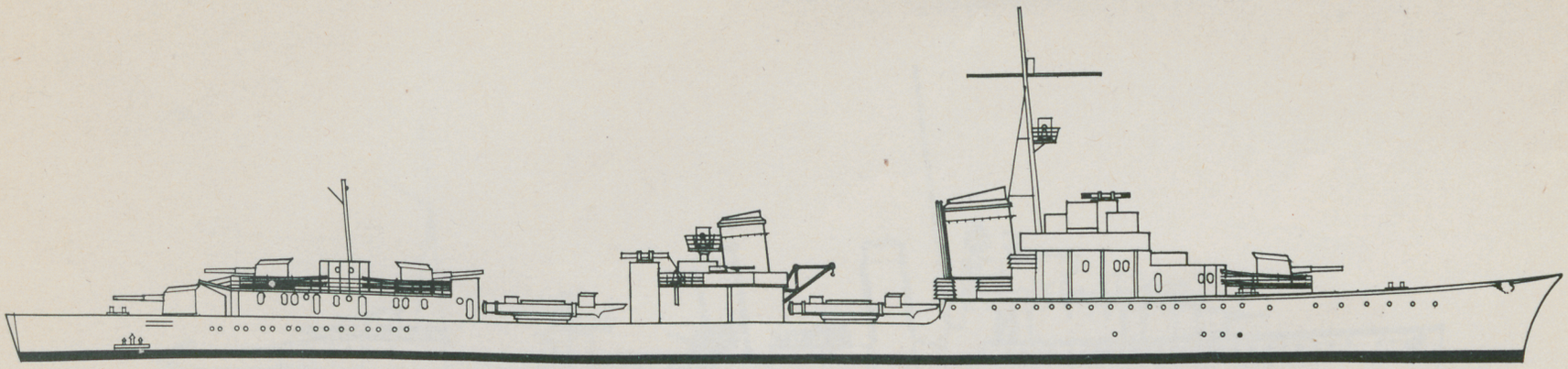


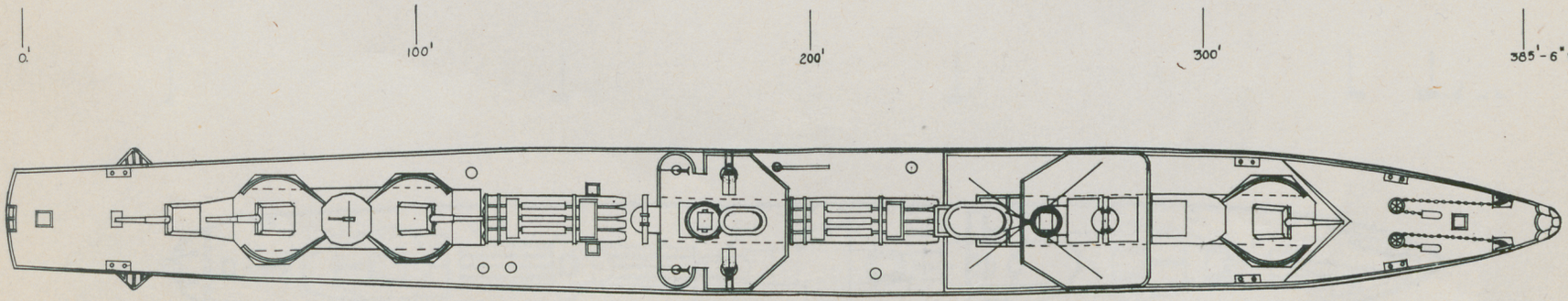


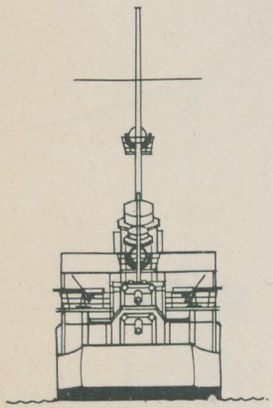


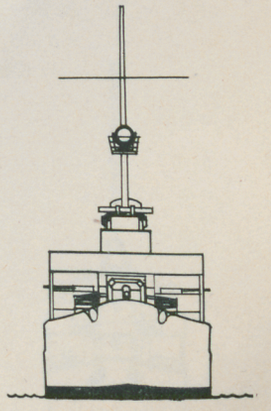


KARL GALSTER



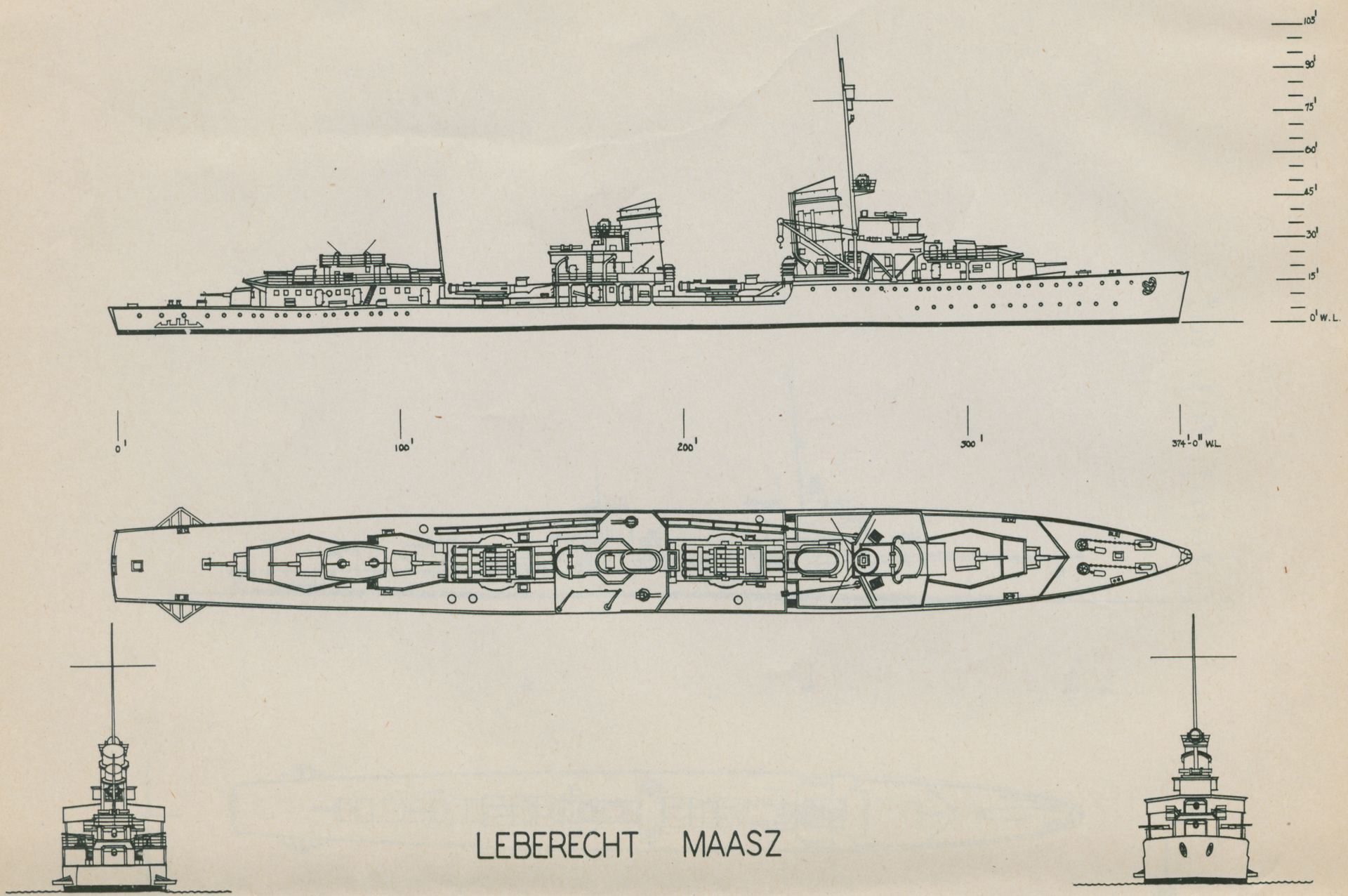






IMPROVED-ROEDER CLASS

("NARVIK" FLOTILLA)



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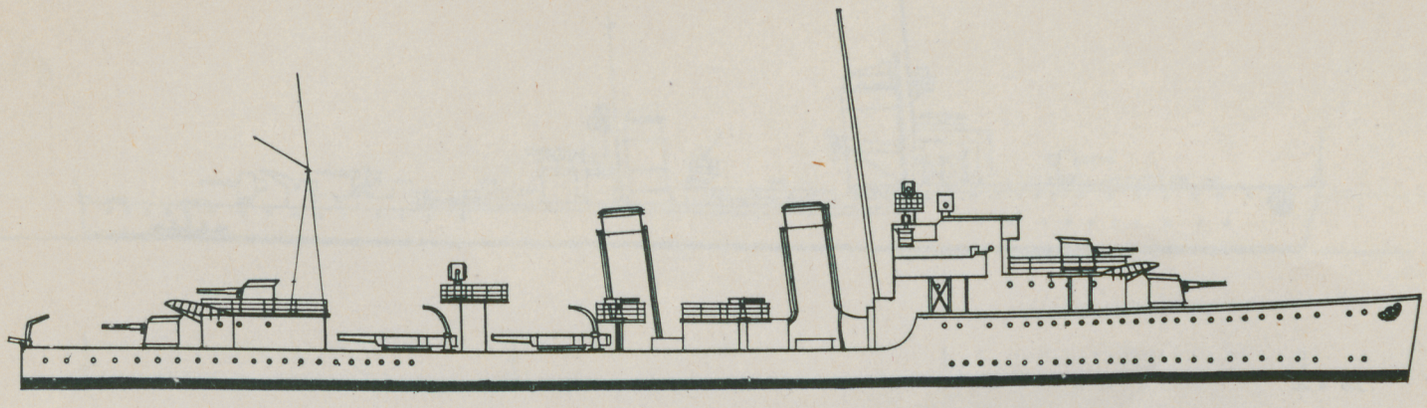
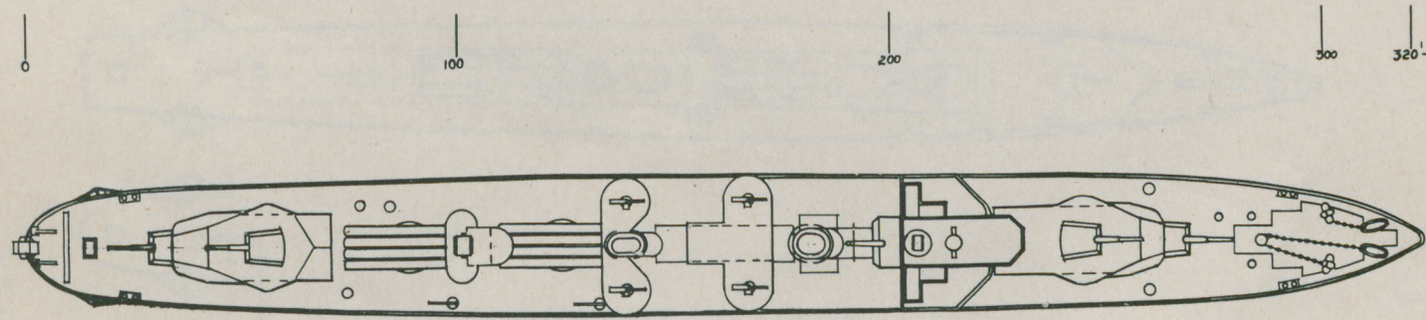
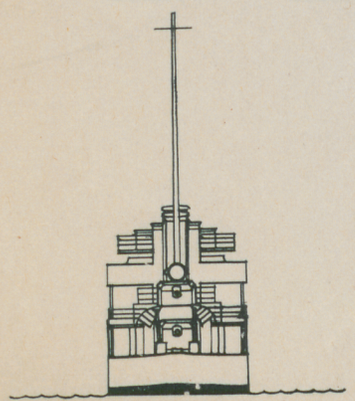
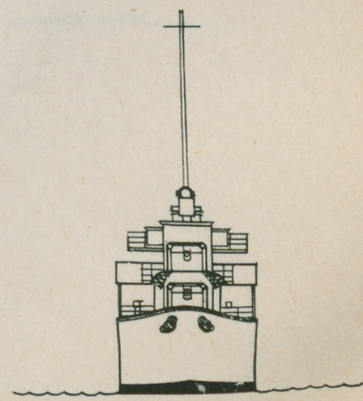
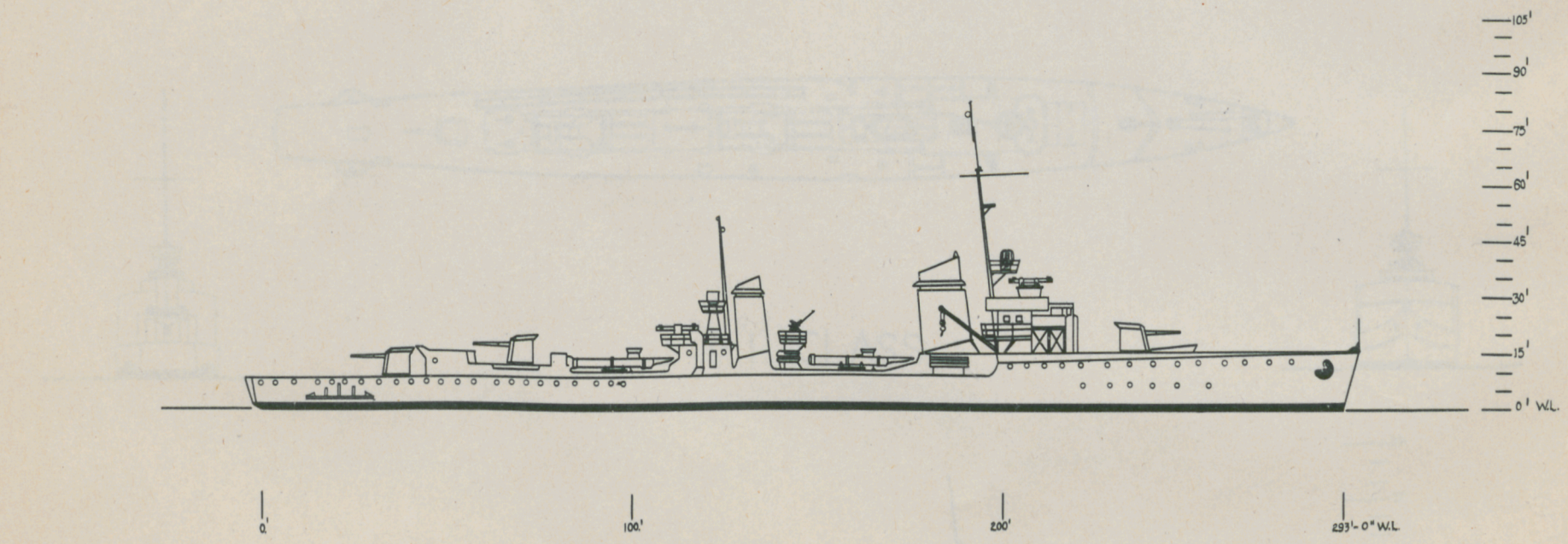


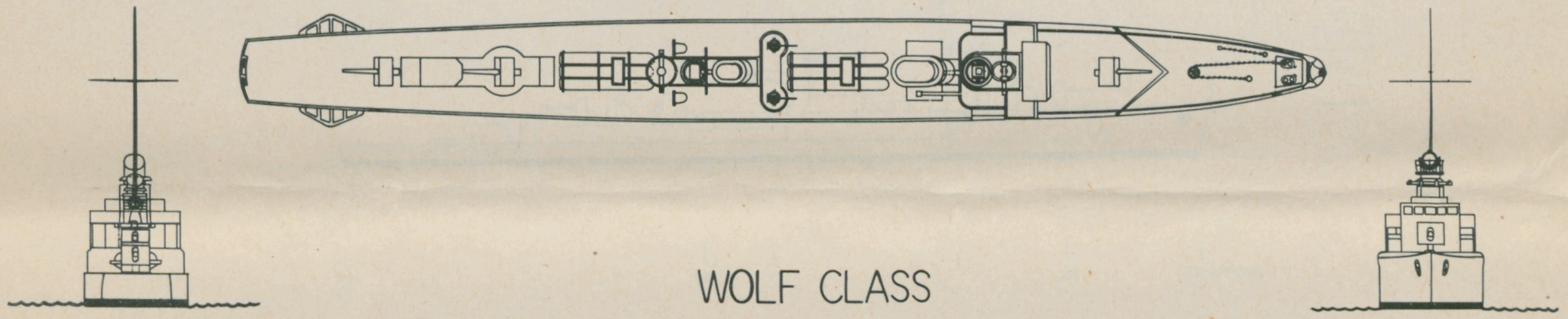




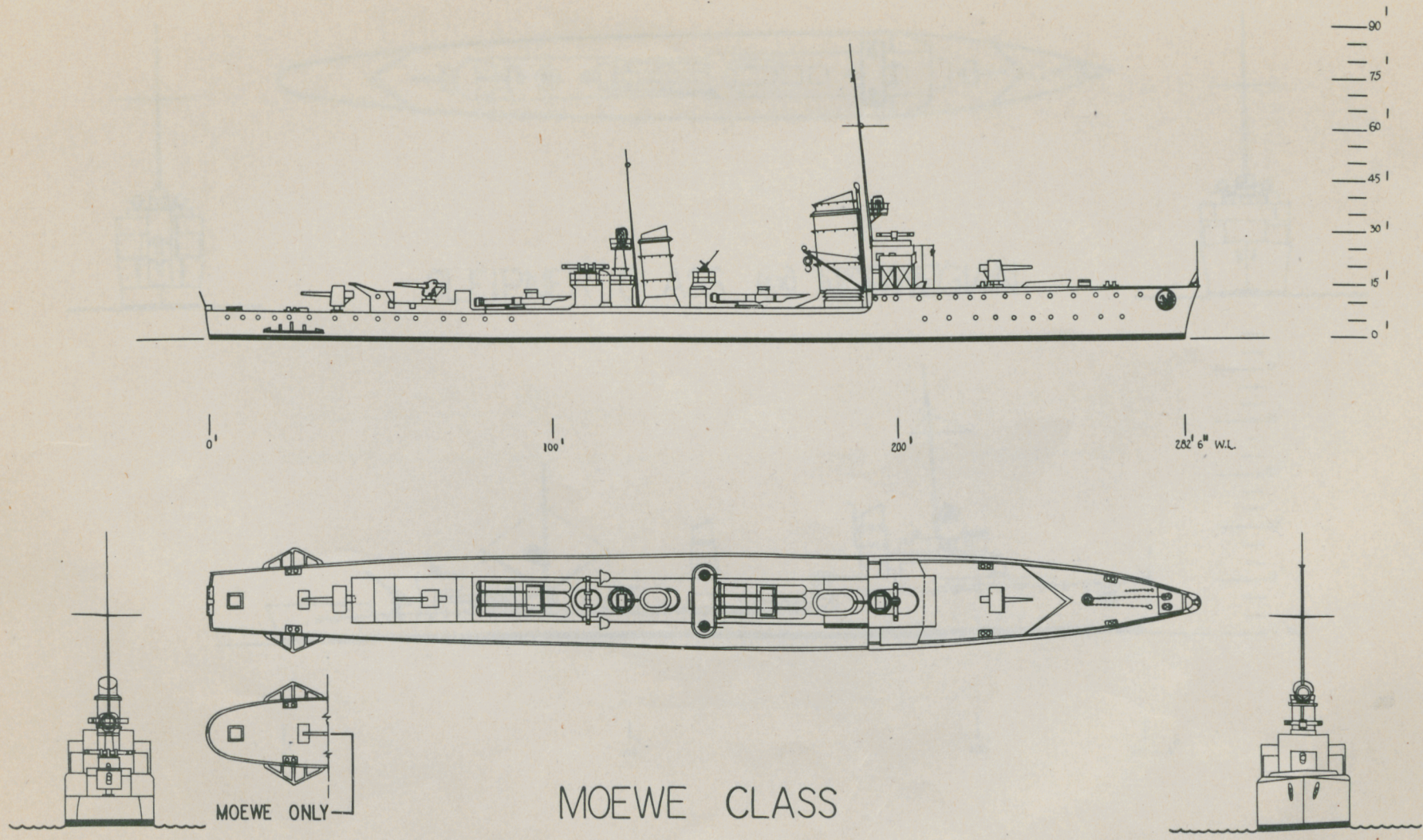


EX-BASILEUS GIORGIOS I

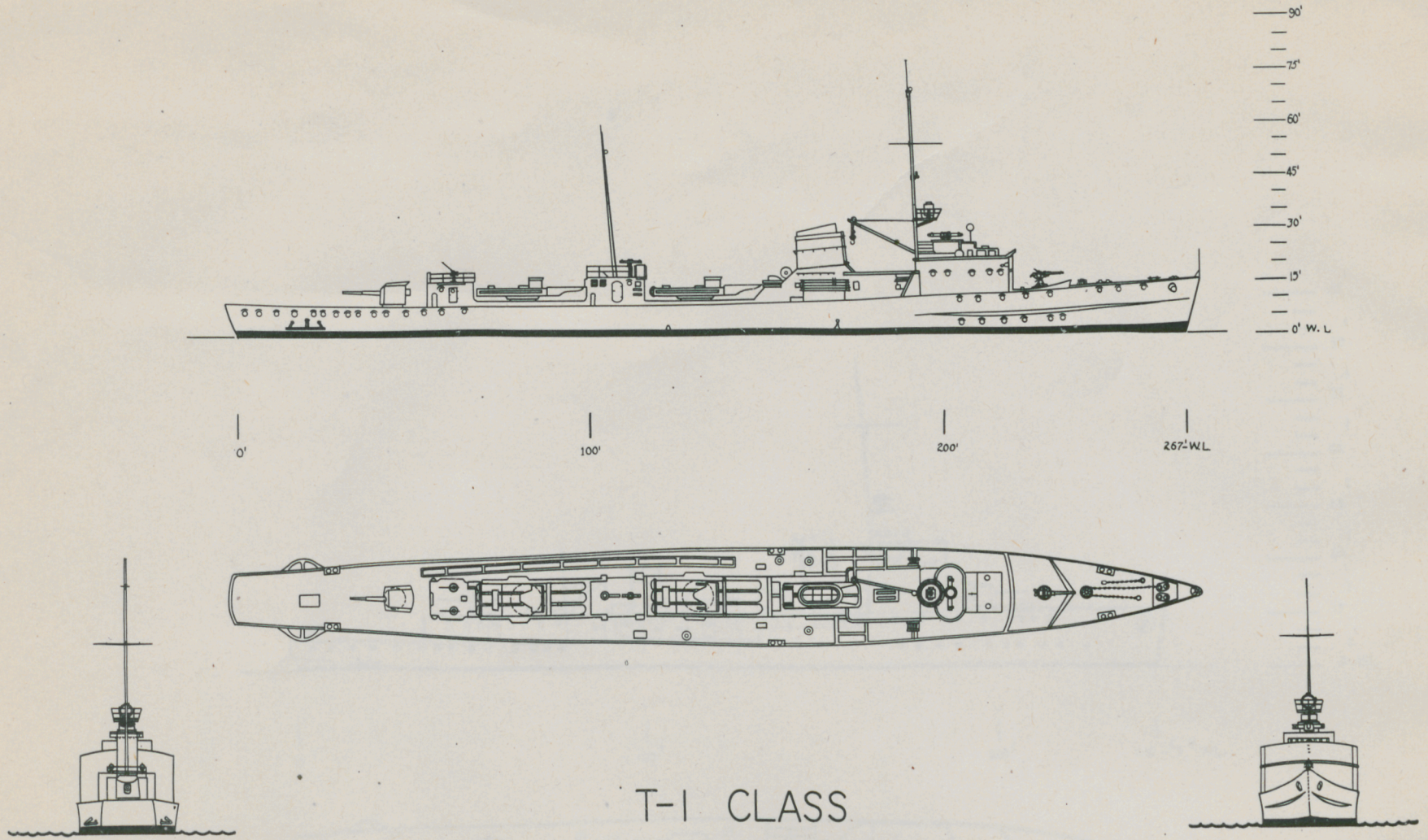




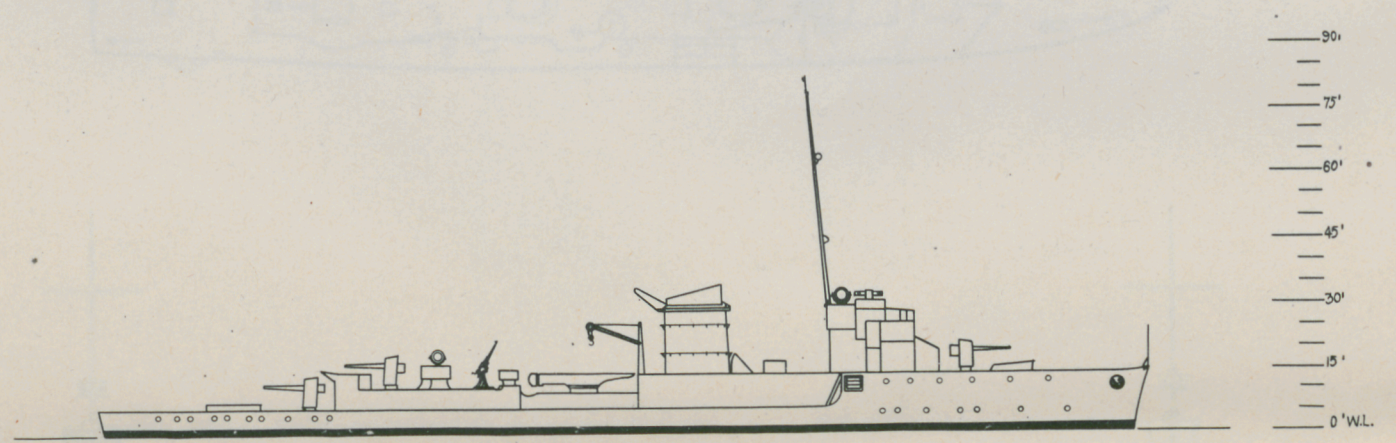
WOLF CLASS

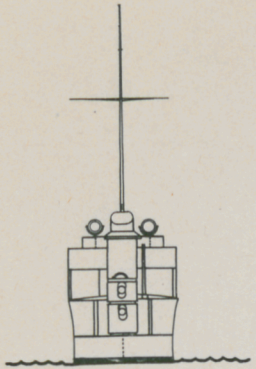


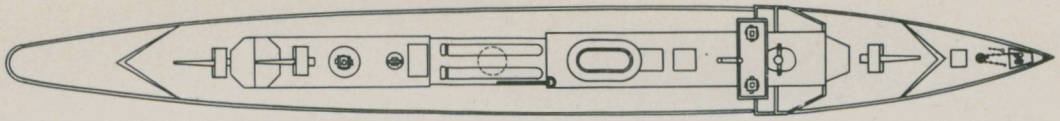
MOEWE CLASS

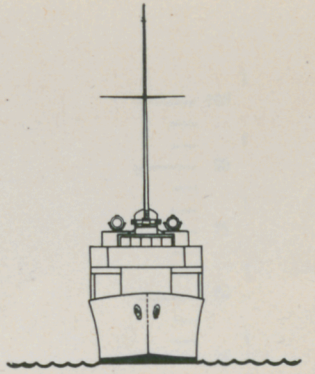


T-1 CLASS

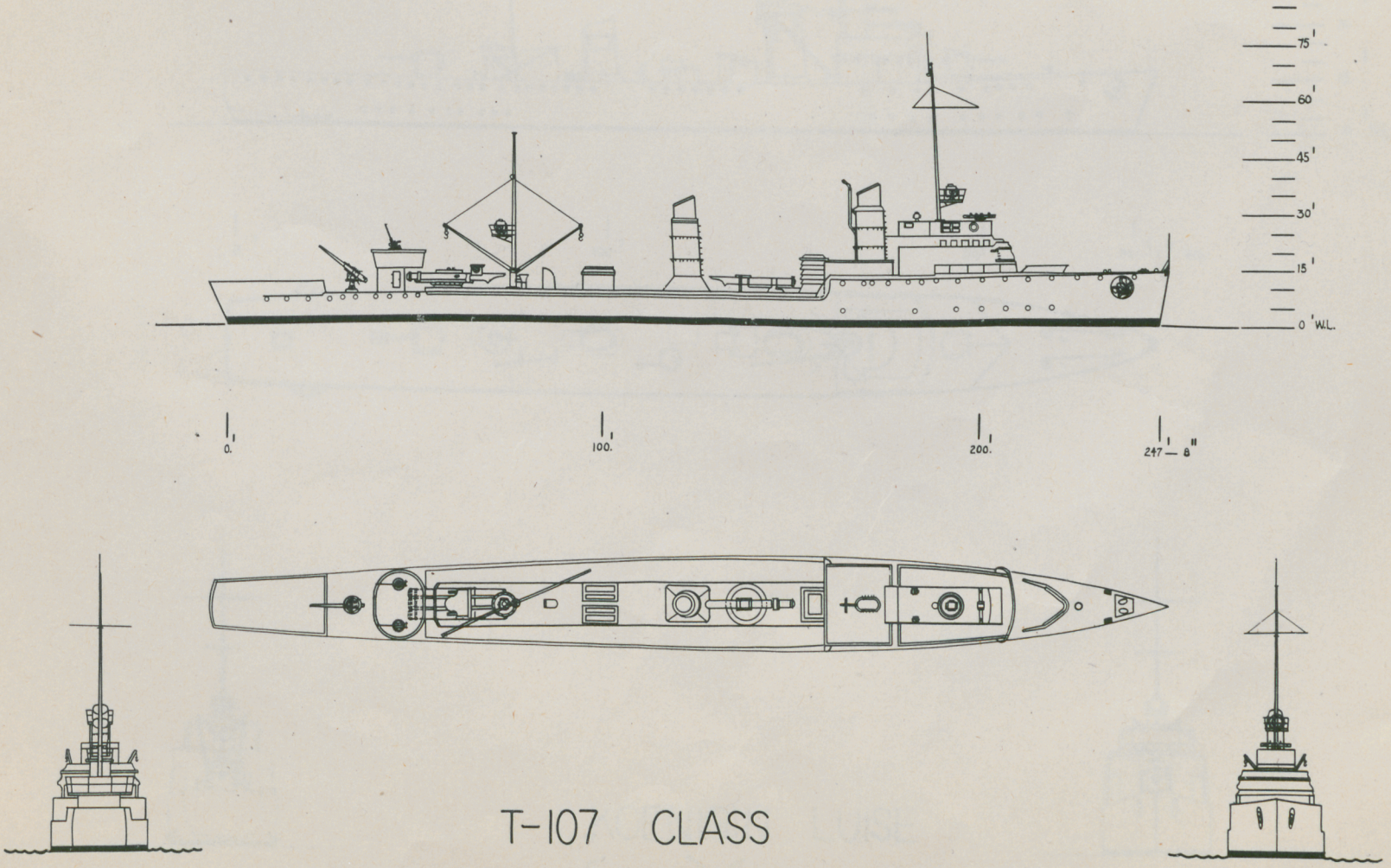




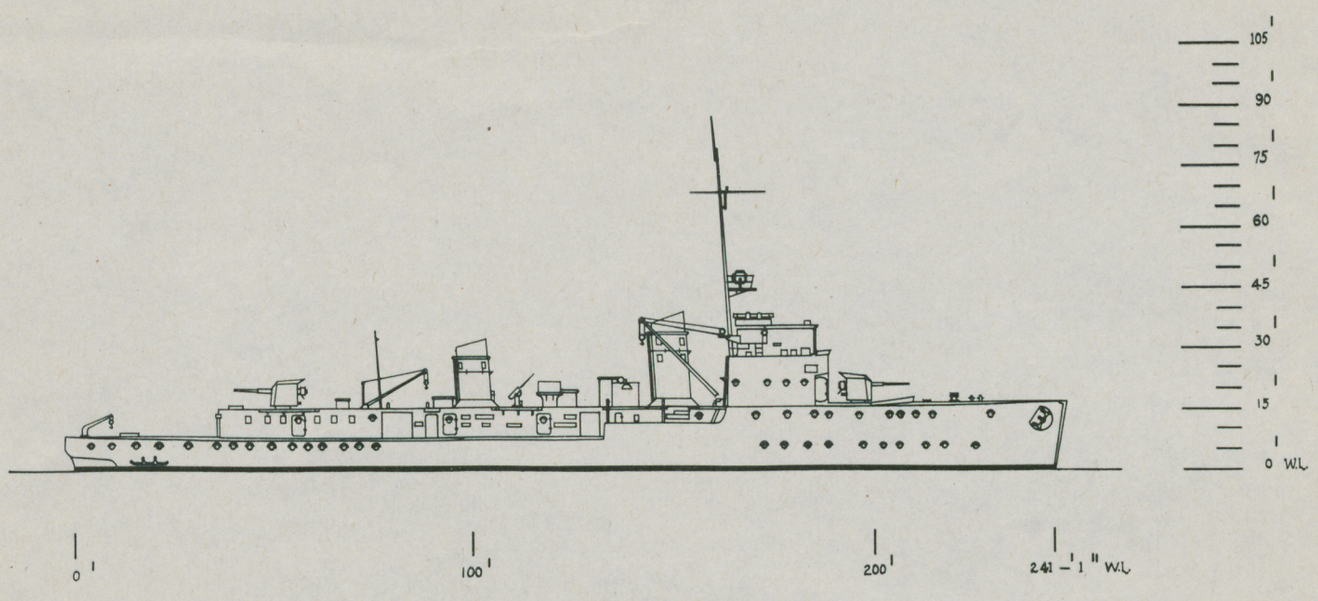




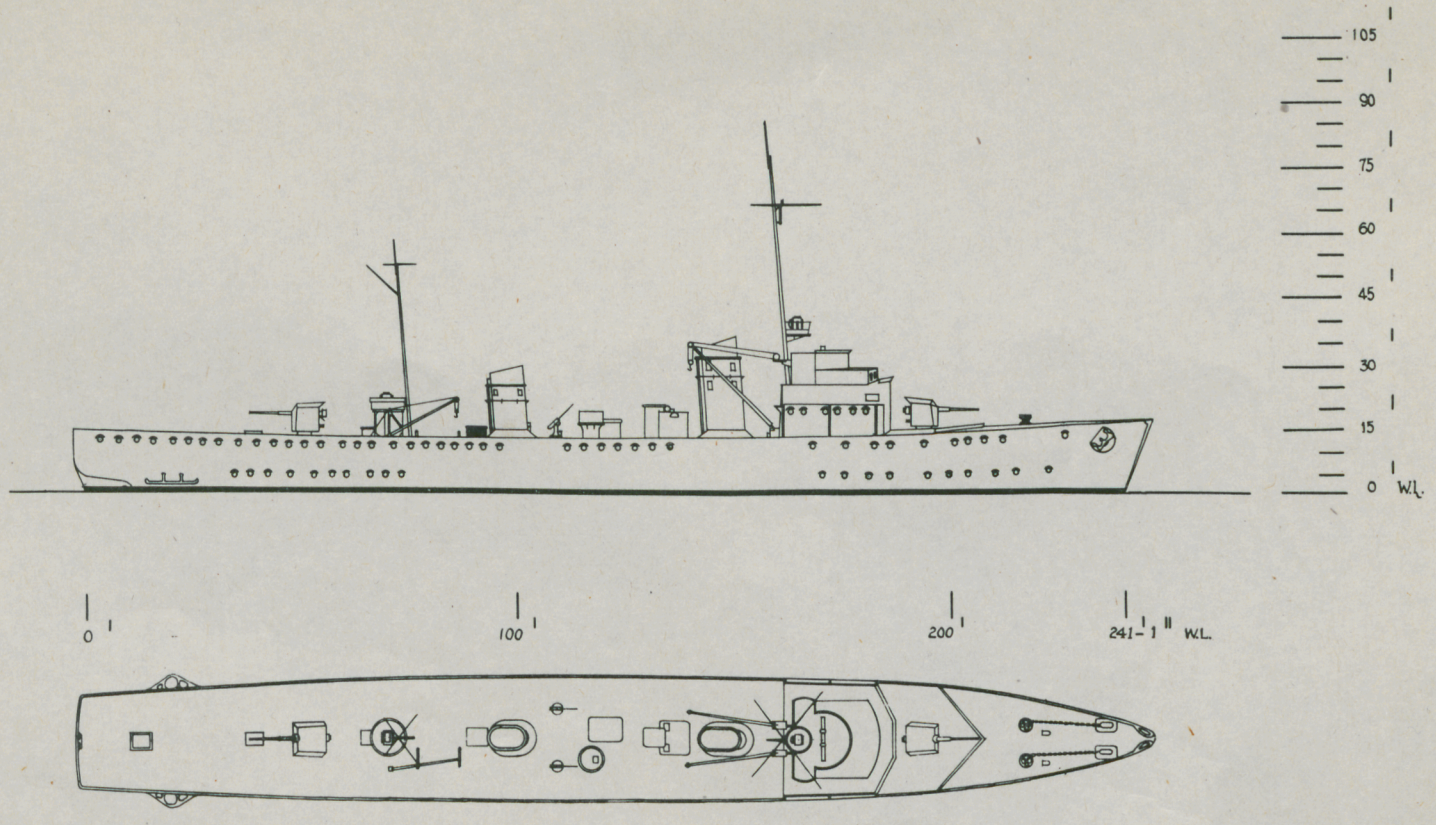
SLEIPNER CLASS (EX) NORWEGIAN



T-107 CLASS

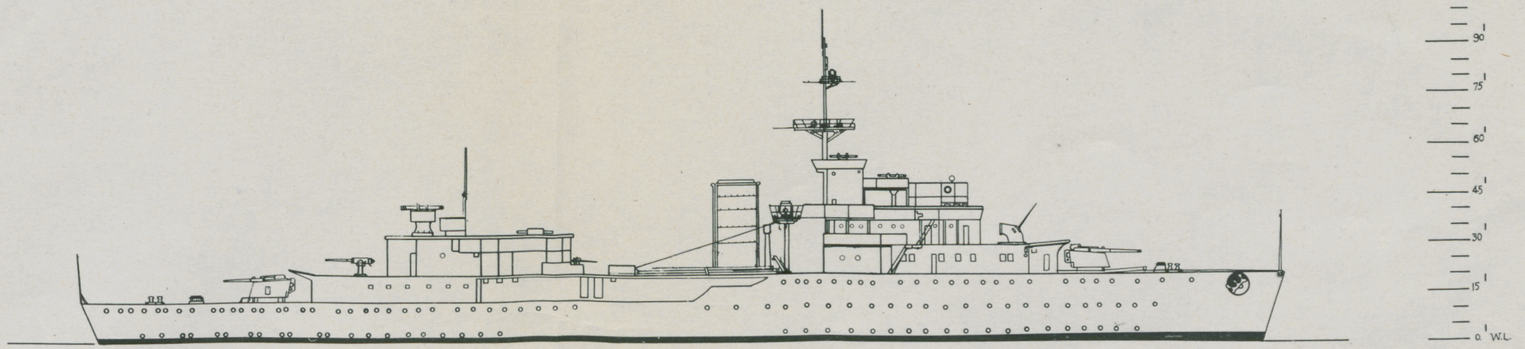


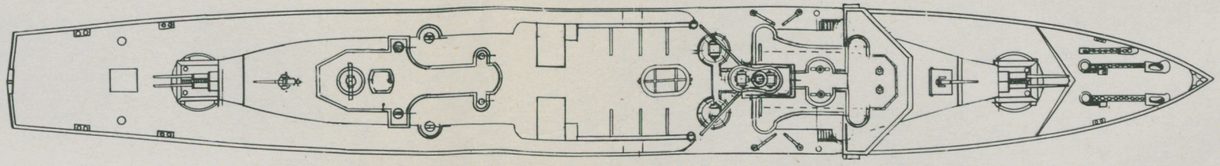
F-5 CLASS

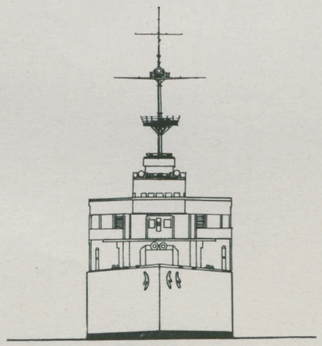


KOENIGIN LUISE

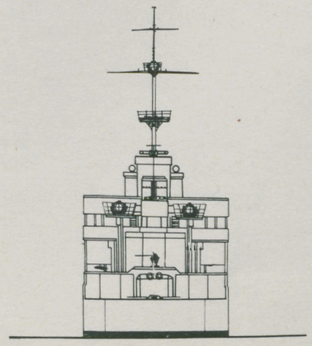
(F-6)(F-1 CLASS)



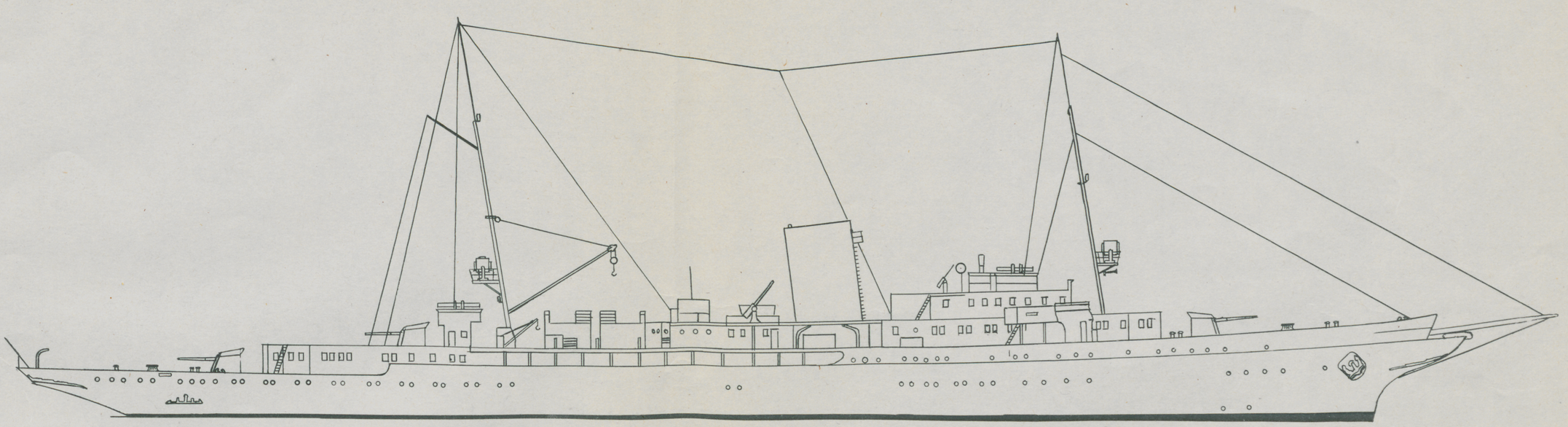


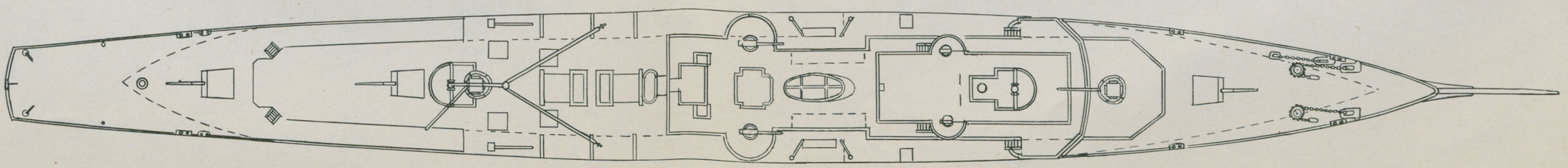


BRUMMER



GRILLE





RANGEFINDER - GLUE OR SOLDER WIRE TO HEAD OF NAIL.

RANGEFINDER - MOUNT ON PIN.

AFT SMOKESTACK - GOUGE OUT TOP TO DOTTED LINE.

AIRPLANE CATAPULT - MOUNT ON PIN.

BOOM - PIECE OF WIRE SHARPENED ON END AND FORCED INTO MAST.

SEARCHLIGHT PLATFORM MASTS "T" & "T1" SEARCHLIGHTS ARE SMALL LENGTHS OF DOWEL GLUED ON EDGEWISE.

FORWARD SMOKE STACK - GOUGE OUT TOP TO DOTTED LINE.

RANGEFINDERS - SHORT WIRE GLUED OR SOLDERED TO HEAD OF NAIL.

SEARCHLIGHT ON "G2" - SHORT LENGTH OF DOWEL GLUED ON EDGEWISE.

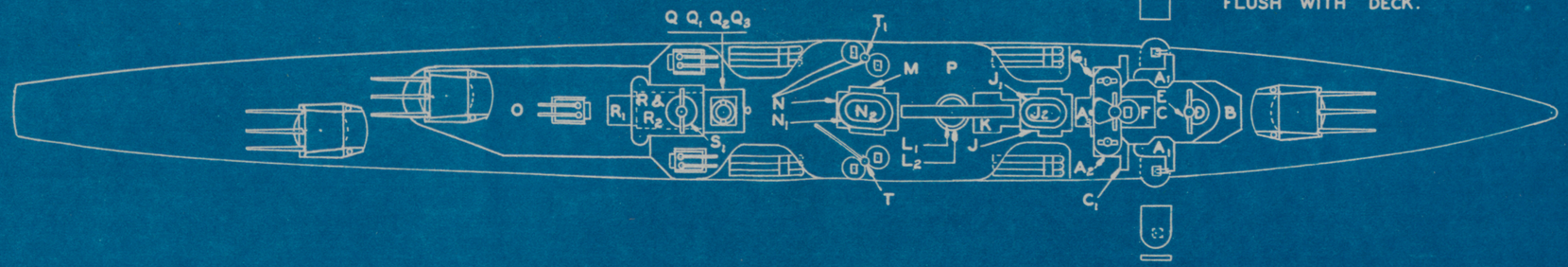
VENTILATORS "M" & "I" - MARK OR CUT LINES ON SIDE OF BLOCKS AND MOUNT AT EACH SIDE OF BASE OF STACK.

DOTTED LINE ON MAST SHOWS LENGTH OF YARD PLACED AT RIGHT ANGLES TO KEEL.

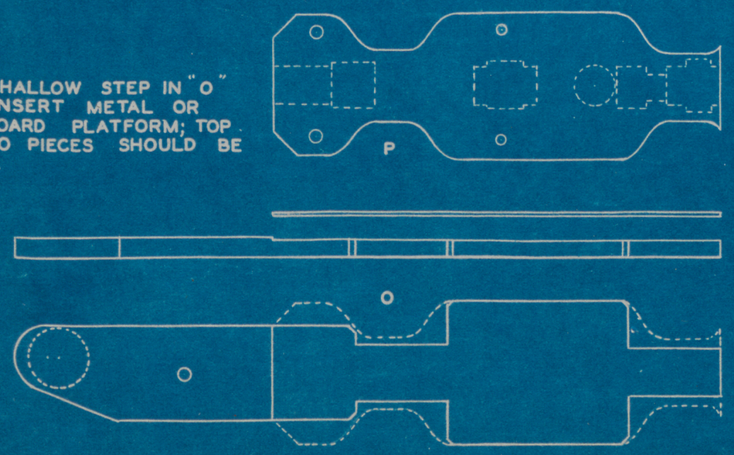
RANGEFINDERS - GLUE OR SOLDER SHORT WIRE TO HEAD OF TACK.

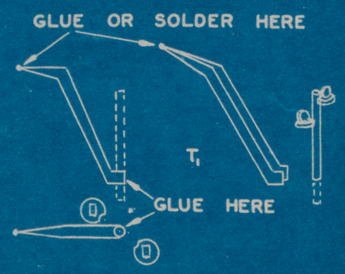
PLATFORM MOUNTED AS SHOWN ON 4 PINS OR WIRES.

PAINT WINDOWS WHERE SHOWN.

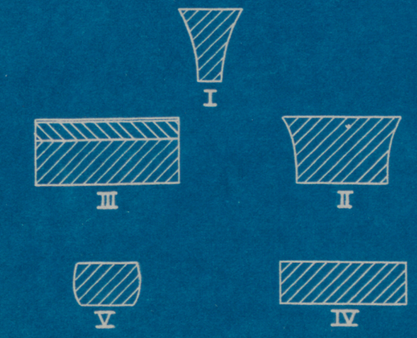


CUT SHALLOW STEP IN "O" AND INSERT METAL OR CARDBOARD PLATFORM; TOP OF TWO PIECES SHOULD BE FLUSH.





CRANE - CUT FROM THIN METAL OR STIFF PAPER AND MOUNT AS SHOWN.



MASTER MODELS

GERMAN WARSHIPS

LIGHT CRUISER - KÖLN

DIVISION OF NAVAL INTELLIGENCE

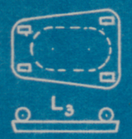
IDENTIFICATION & CHARACTERISTICS SECTION

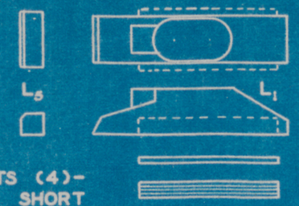
WASHINGTON, D.C.

NOVEMBER, 1942; L.S.B.

SCALE: 1" = 50'

SMOKESTACK - GOUGE OUT TOP TO DOTTED LINE.





SEARCHLIGHTS (4) - MAKE FROM SHORT LENGTHS OF DOWEL.

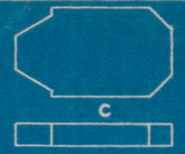
VENTILATORS - CUT OR PAINT LINES ON SIDE AND GLUE TO L_1

RANGEFINDER - MOUNT ON PIN

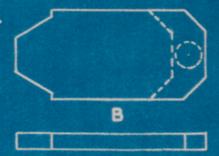
RANGEFINDERS - SOLDER SHORT WIRE TO HEAD OF NAIL.

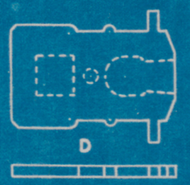
SEARCHLIGHT - MAKE FROM SHORT LENGTH OF DOWEL.

STIFF PAPER WITH WINDOWS CUT OUT OR PAINTED, GLUE TO FACE OF "F"

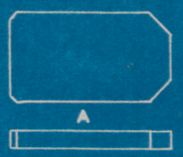


RANGEFINDER - MOUNT ON PIN.

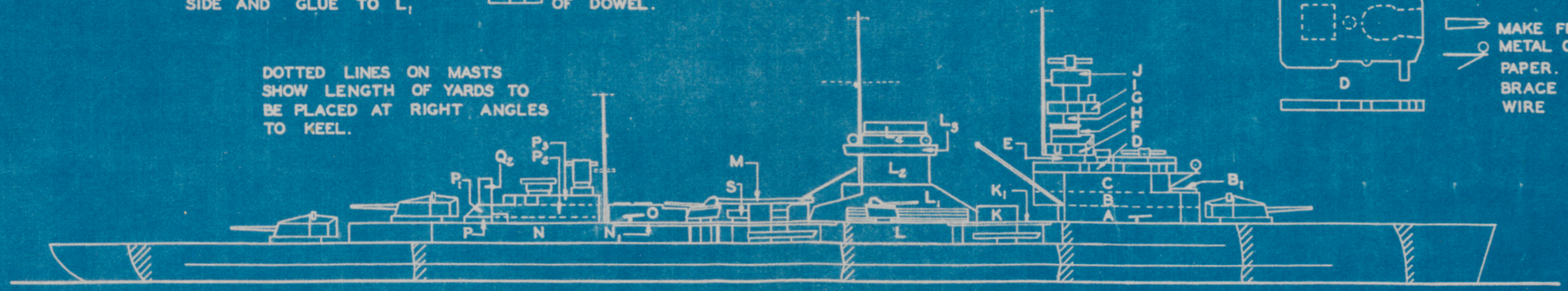




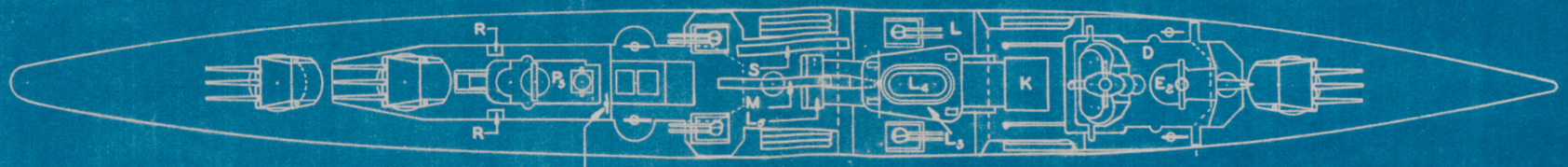
MAKE FROM THIN METAL OR STIFF PAPER. RINGS & BRACE OF FINE WIRE



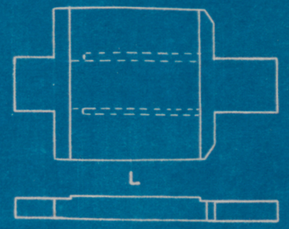
DOTTED LINES ON MASTS SHOW LENGTH OF YARDS TO BE PLACED AT RIGHT ANGLES TO KEEL.



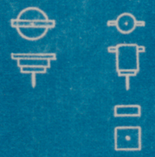
HULL SECTION SHOWING FORECASTLE STEP

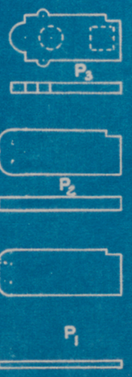


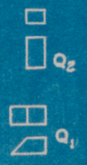
NOTE: MIZZENMAST NOT IN CENTER

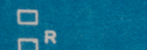


RANGEFINDERS - MOUNT ON PIN

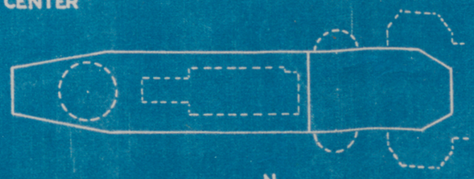


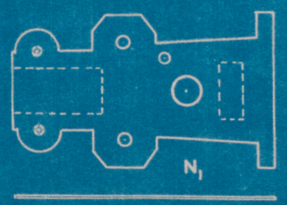


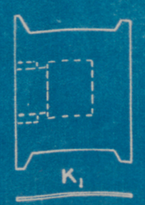




MAKE TWO & MOUNT AS SHOWN IN PLAN.





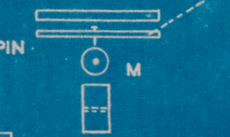


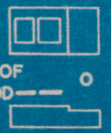
PLATFORMS - MAKE FROM METAL OR CARDBOARD & MOUNT FLUSH WITH DECK

TORPEDO TUBES - GLUE OR SOLDER 3 PIECES OF WIRE TO HEAD OF TACK

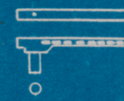
CRANE - BEND PIECE OF FINE WIRE TO SHAPE & PINCH ENDS INTO CATAPULT.

CATAPULT - MOUNT ON PIN





THIN SHEETS OF METAL OR WOOD — GLUE TO TOP OF "O"



MASTER MODELS

GERMAN WARSHIPS

LIGHT CRUISER - NÜRNBERG

DIVISION OF NAVAL INTELLIGENCE

IDENTIFICATION & CHARACTERISTICS SECTION

WASHINGTON D.C.

OCTOBER, 1942; L.S.B.

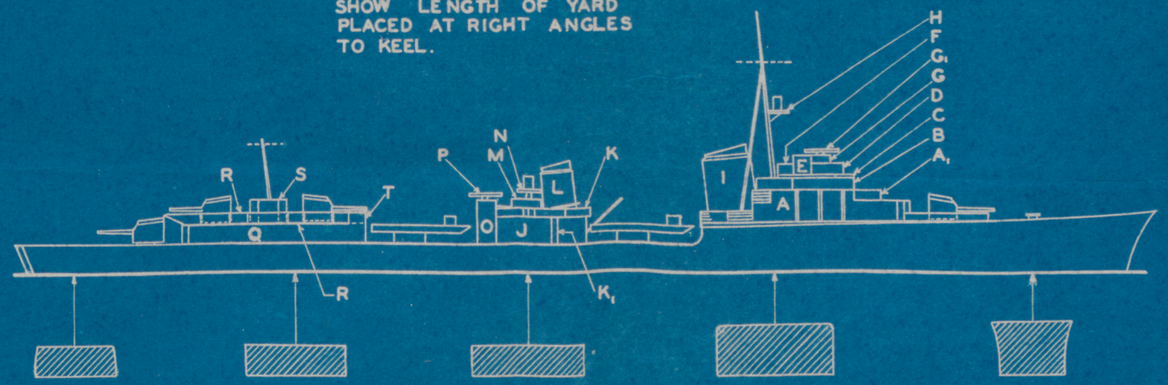
SCALE: 1" = 50'

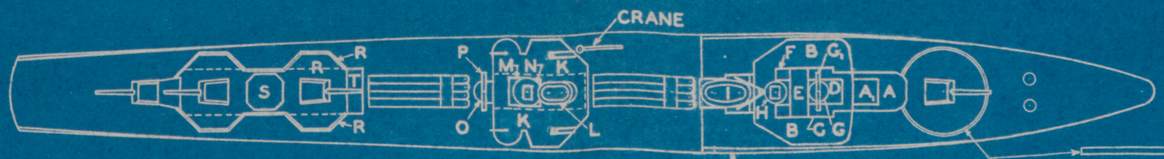
RANGEFINDER
GLUE OR SOLDER
SHORT WIRE TO
HEAD OF NAIL.

SEARCHLIGHT-
SHORT LENGTH OF
DOWELL GLUED
EDGE TO PLATFORM.
GLUE PLATFORM TO
HEAD OF NAIL.

GOUGE OUT TOP
OF STACK TO
DOTTED LINE.

DOTTED LINES ON MASTS
SHOW LENGTH OF YARD
PLACED AT RIGHT ANGLES
TO KEEL.



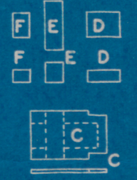


NOTE ROUNDED
EDGE.

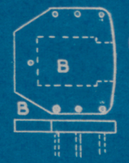
CUT STRIP OF PAPER AND GLUE
AS SHOWN FOR SPLINTER
SHIELD AROUND FOR'D GUN.

SEARCHLIGHT-
SHORT LENGTH
OF DOWEL GLUED
EDGEWISE TO
PLATFORM 'H.'

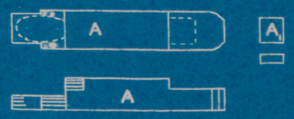
RANGEFINDER
SHORT WIRE
SOLDERED TO
HEAD OF NAIL.



GOUGE OUT TOP
OF STACK TO
DOTTED LINE.



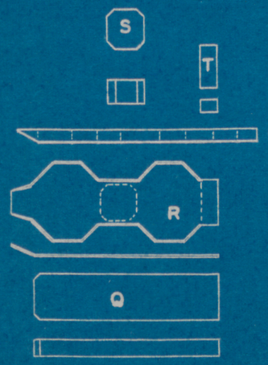
USE PINS OR WIRE
FOR POSTS AT POINTS
MARKED BY CIRCLES
ALONG EACH SIDE OF B



SCORE OR PAINT LINES
ALONG EACH SIDE OF A
AS SHOWN TO SIMULATE
VENTILATORS.

MACHINE GUNS ON 'K'
ARE SHORT PIECES
OF WIRE PUSHED
INTO WOOD AT AN
ANGLE SHOWN. NOTE
DOUBLE GUNS FORD
AND SINGLE GUNS
AFT.

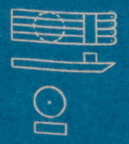
K, NAIL OR WIRE
FOR POSTS UNDER
DOUBLE GUNS.



R, CUT 2 R, FROM PAPER AND
GLUE AROUND R AS SHOWN
BY DOUBLE LINES.

CUT PLATFORM R FROM STIFF
CARDBOARD.

CRANE
GLUE OR SOLDER
WIRE TO NAIL AT
ANGLE SHOWN.



TORPEDO TUBES (2 SETS)
GLUE FOUR WIRES TO TOP
OF DISC. NOTE SMALL
BLOCK ACROSS TOP.

MASTER MODELS

GERMAN WARSHIPS

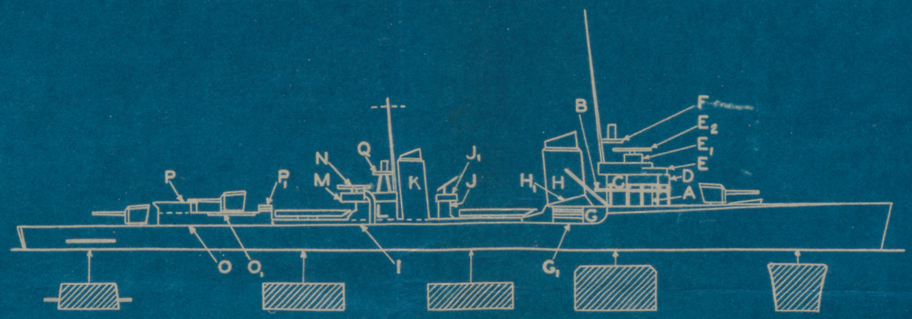
DESTROYER — NARVIK CLASS

DIVISION OF NAVAL INTELLIGENCE

IDENTIFICATION & CHARACTERISTICS SECTION

WASHINGTON, D.C.

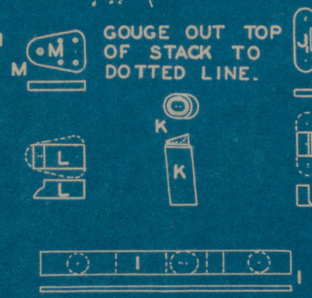
JANUARY 1943 L.S.B. SCALE 1" = 50'



SEARCHLIGHT
SHORT LENGTH
OF DOWEL GLUED
EDGEWISE TO
PLATFORM Q.
PLATFORM STANDS ON
4 WIRES AS SHOWN.

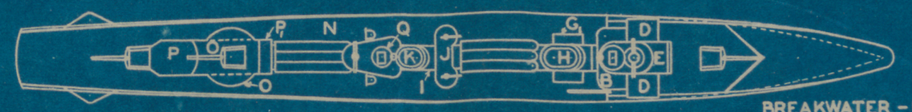
RANGEFINDER
GLUE OR SOLDER
SHORT WIRE TO
HEAD OF NAIL.

VENTILATOR P SCORE
OR PAINT LINES ON
SIDES AND FRONT.



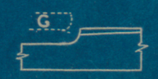
GOUGE OUT TOP
OF STACK TO
DOTTED LINE.

PLATFORM O, MAKE
FROM CARDBOARD OR THIN
METAL & FIT IN SLOT CUT
IN O. TOP OF COMBINED
PIECES SHOULD BE FLUSH.



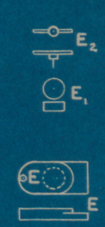
FENDERS- MAKE FROM
WIRE AND MOUNT
AS SHOWN.

BREAKWATER - MAKE FROM
STIFF PAPER OR METAL.



VIEW SHOWING HOW
HULL IS CUT FOR
FORECASTLE STEP.

SEARCHLIGT
SHORT LENGTH
OF DOWEL GLUED
EDGEWISE TO
PLATFORM F.



RANGEFINDER
SHORT WIRE
SOLDERED TO
HEAD OF NAIL.

GOUGE OUT TOP
OF STACK TO
DOTTED LINE.

VENTILATOR G1
SCORE OR PAINT
LINES AS SHOWN.
MAKE 2, ONE ON
EACH SIDE OF G.

USE PINS OR WIRE
AT POINTS SHOWN
BY SMALL CIRCLES
FOR POSTS UNDER D.

MAKE 2 MACHINE GUNS ON J,
BY SOLDERING PIECE OF WIRE
OR SMALL NAIL TO HEAD OF
NAIL AS SHOWN.

BOOM- SOLDER
LENGTH OF WIRE
TO NAIL.

TORPEDO TUBES (2 SETS)
GLUE OR SOLDER 3
PIECES OF WIRE TO
HEAD OF TACK.

VENTILATOR
BEND SMALL NAIL
OR PIN OVER AT
TOP AS SHOWN.

MASTER MODELS

GERMAN WARSHIPS

TORPEDO BOAT — WOLF CLASS

DIVISION OF NAVAL INTELLIGENCE
IDENTIFICATION & CHARACTERISTICS SECTION

WASHINGTON, D.C.

JANUARY, 1943 L.S.B. SCALE 1" = 50'.