

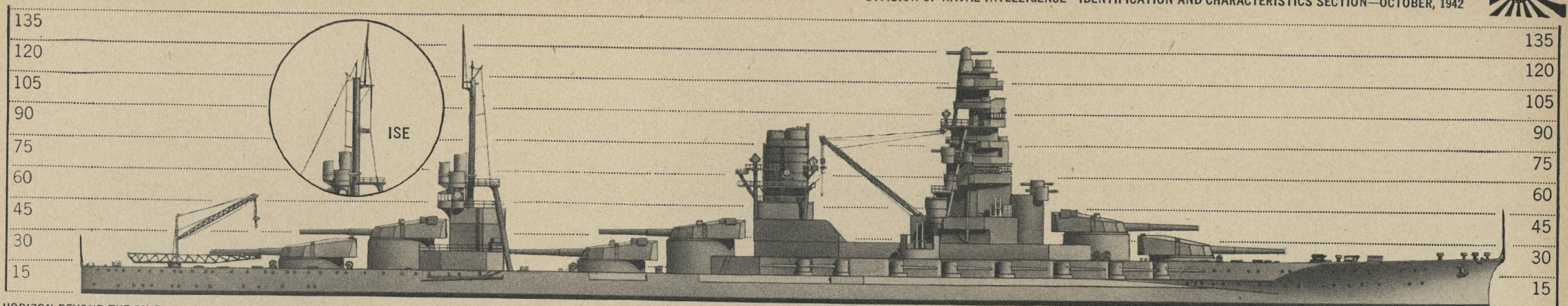
[310]

ISE, HYUGA—BB 7, 8



DIVISION OF NAVAL INTELLIGENCE—IDENTIFICATION AND CHARACTERISTICS SECTION—OCTOBER, 1942

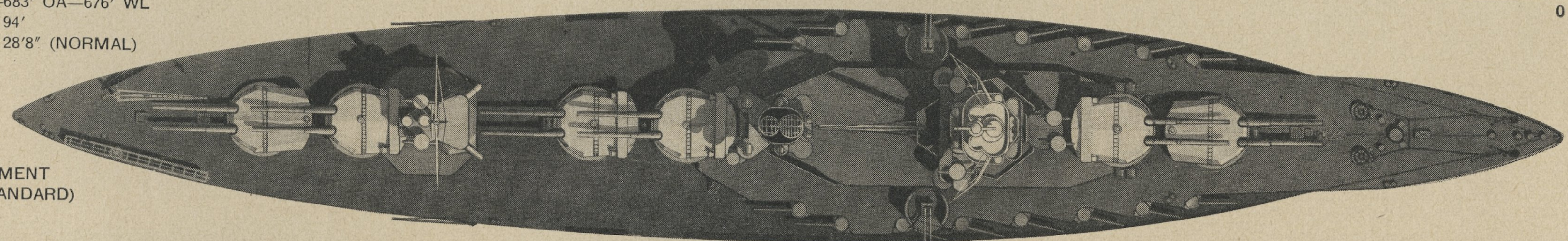
HEIGHT OF OBSERVER



HORIZON BEYOND THE SHIP

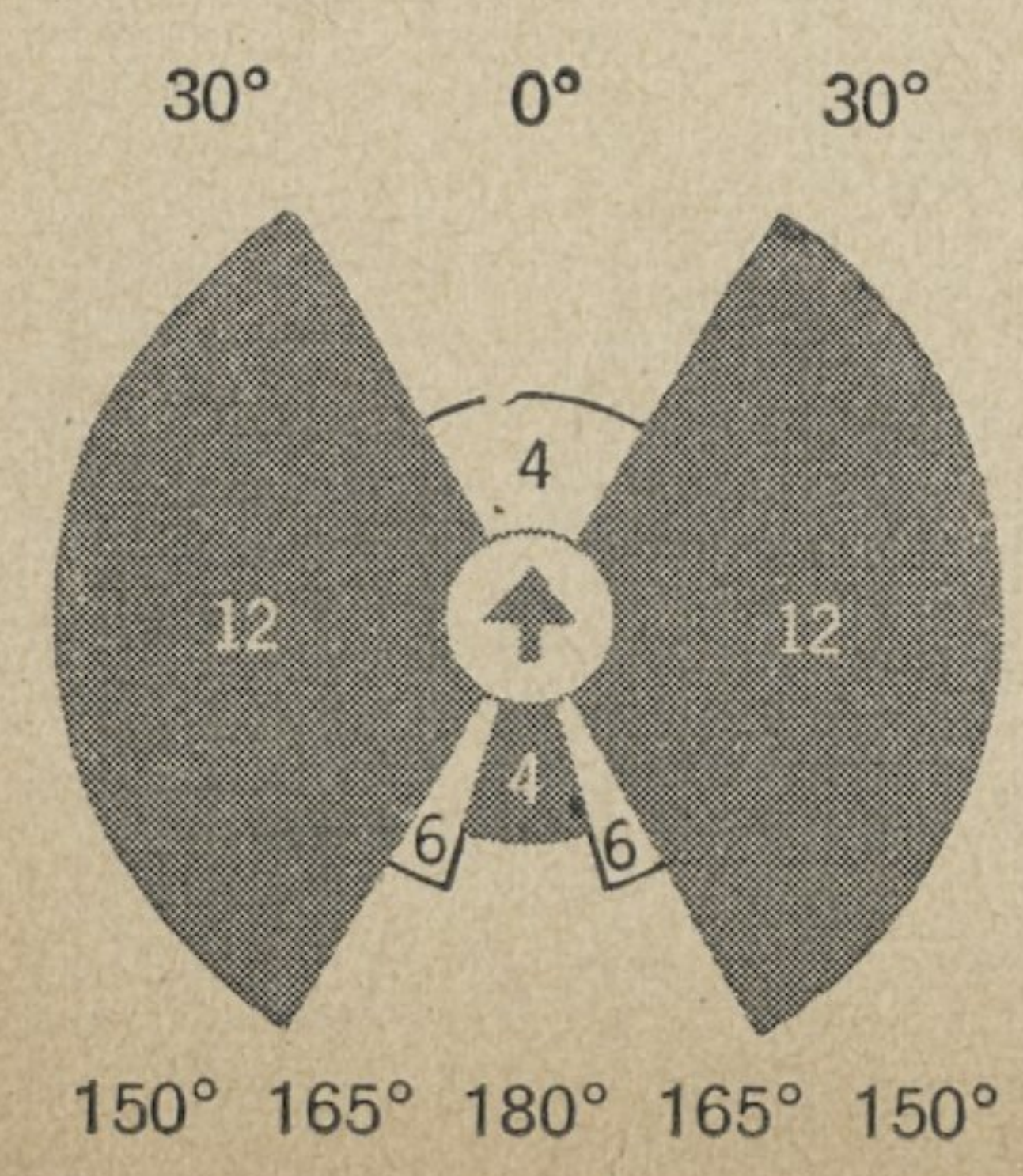
SHIP BEYOND THE HORIZON

LENGTH—683' OA—676' WL
BEAM— 94'
DRAFT— 28'8" (NORMAL)



DISPLACEMENT
29,990 (STANDARD)

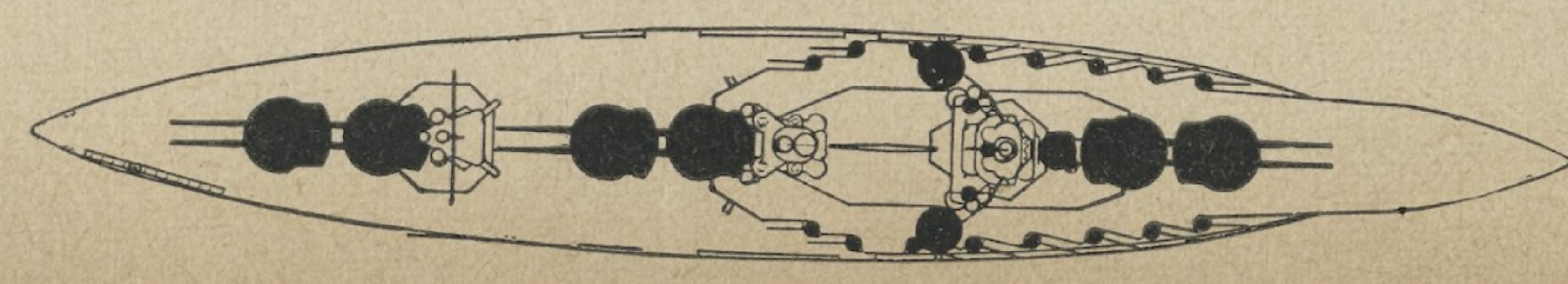
DENSITY OF FIRE
MAIN BATTERY



ARMAMENT

- 12-14" (45) TWIN TURRETS
- 16-5" 5 (50) CASEMATES
- 8-5" AA, 4-1" AA TWIN MOUNTS
- 1 CATAPULT, 3 SEAPLANE SCOUTS

MAX. ELEV.	RANGE
30°	30,000 YD.
25°	19,000 YD.
85°	18,000 YD.



PROTECTION

BELT—	8"-12"
TURRETS—	8"-12"
BARBETTES—	8"
CONNING TOWER—	12"-6"
DECK	6 3/4"-2 1/2"

PROPULSION

MACHINERY—	4 TURBINES
BOILERS—	8 KAMPON
FUEL—	OIL, 4,500 TONS
DES HP—	45,000
DES SPEED—	23 KNOTS
ENDURANCE—	4,200 @ 23 KNOTS 12,600 @ 12 KNOTS

KNOTS	RPM
.....	420
.....	400
.....	350
23.....	318
.....	300
.....	275
.....	250
.....	245
.....	240
.....	220
.....	200
.....	160
.....	150
.....	120
.....	80

