



Haruna

CB JAPAN
1632-0 KONGO Class

1915 to 1917

Displacement
Complement
Sunk 07/28/1945

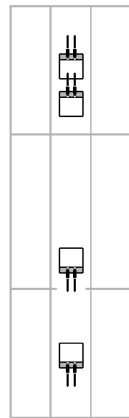
26,230 ts
1221

Length 659 ft
Beam 92 ft
Draft 26.9 ft
Kawasaki, Kobe
Launched 12/14/1913
Completed 04/19/1915



SHIP LOG SHEET

Version 3/6/2009



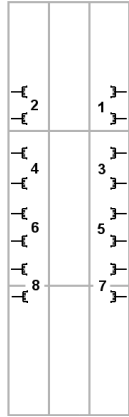
8 x 36cm/45 Types 43,41

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Max ROF		Range		Shell Size/Weight	
1.8 sh/min		23,917 yds 47.8"		14.0" 1400.0 lbs.	
Fire Control		FC Radar		+ 0	
2 1Q2		None		AP SAP COM HE	
AA	0.0	Level	S	Ammunition	90 rpg 720

FIRE CONTROL TABLE						
T Kts	Short	Medium	Long	Extreme		
0 - 9	14	9	9	6	7	4
10 - 18	10	6	7	4	5	3
19 - 27	8	5	5	3	4	3
28 - 36	7	4	5	3	3	2
37 - 45	6	4	4	3	3	2

APC		PENETRATION TABLE												
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	3.6	3.6	3.6	3.6	3.6	3.6	3.1	2.6	2.2	1.8				
Rge	S	S	S	S	M	M	M	L	L	L				
H	0.5	1.0	1.3	1.6	1.9	2.1	2.4	3.0	4.0	5.6				
V	22.2	19.6	17.3	15.1	13.2	11.6	9.6	7.3	6.9	6.6				



16 x 15cm/50 41st Year

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Max ROF		Range		Shell Size/Weight	
5.0 sh/min		13,360 yds 26.7"		6.0" 100.0 lbs.	
Fire Control		FC Radar		+ 0	
2 2Q2		None		AP SAP COM HE	
AA	0.0	Level	S	Ammunition	200 rpg 3200

FIRE CONTROL TABLE						
T Kts	Short	Medium	Long	Extreme		
0 - 9	11	7	7	5	5	3
10 - 18	8	5	5	3	4	2
19 - 27	6	4	4	3	3	2
28 - 36	5	3	4	2	3	2
37 - 45	5	3	3	2	2	2

AP		PENETRATION TABLE												
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.8	6.5	5.3	4.3	3.5	2.9	2.6							
Rge	S	S	S	M	M	L	L							
H	0.1	0.3	0.4	0.5	0.6	0.9	1.2							
V	4.8	3.5	2.5	2.0	1.7	1.6	1.5							

Crew	Sea	BR	Targ Sz	Ops
			2	

AIRCRAFT				
Aircraft	0		Catapult	0

2	1	TORPEDOES		
		TT	8	Ammo 16
		21" Mk I		
		Damage Class	F	
4	3	Settings		
		3,000/45		
		7,000/30		
		MINES		
0				

RAPID FIRE BATTERIES

RF1	8	3"/40 12-pr/12cwt QF		
Max Rg	8,112	16.2"	7	5
Eff Rg	3,650	7.3"	11	8

RF	Port	4	3	2	1	1
16	Stbd	4	3	2	1	1

AA	Port	0	0	0	0	0
S	Stbd	0	0	0	0	0

RF2	4	3"/28 12pdr QF		
Max Rg	6,100	12.2"	7	5
Eff Rg	2,745	5.5"	11	8

RF	Port	2	2	1	1	0
16	Stbd	2	2	1	1	0

AA	Port	0	0	0	0	0
S	Stbd	0	0	0	0	0

RF3	None					
Max Rg						
Eff Rg						

RF	Port					
	Stbd					

AA	Port					
	Stbd					

Coal (ts)	4200	Oil (ts)	1000	Radius (nm/kts)		Search Radar		ASW MORTARS/ATW		DEPTH CHARGES	
Engines	Brown-Curtis turbines			8000	14	None		0		Rack 0	
Boilers	36 Yarrow					None		None		Ammo 0	

