Fletcher (DD 445)

DD **UNITED STATES** 1942 to 1943

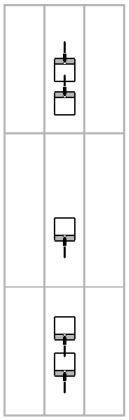
6738-0 FLETCHER Class

Displacement	2,325 ts	*Length*	369 ft	Federal, Kearny	
Complement	273	*Beam*	40 ft	*Launched*	05/03/1942
Sold 02/22/1972		*Draft*	13.8 ft	*Completed*	06/30/1942

SEEKRIEG 5

SHIP LOG SHEET

Version 12/10/2005



5 x 5"/38 Mk 12 13

Max ROF	Range		Shell Size/Weight	
17.0 sh/min	18,101 yds	36.2"	5.0"	55.2 lbs.

Fire Control			FC Radar	+ 2
1		1C3	Mark 4 (FD)	

AP	SAP
COM	HE

AA	3.4	Level	V	Ammunition	350 rpg	1750

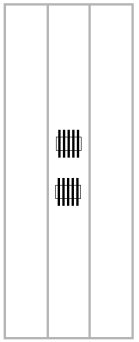
FIRE CONTROL TABLE								
T Kts	Short		Medium		Long		Extreme	
0 - 9	26	18	20	14	17	12	15	11
10 - 18	20	14	15	11	13	9	12	8
19 - 27	17	12	13	9	11	8	10	7
28 - 36	15	10	12	8	10	7	9	6
37 - 45	14	10	11	7	9	6	8	6

COM	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	7.7	6.4	5.2	4.3	3.5	2.9	2.2	1.6	1.5					
Rge	S	S	S	M	M	L	E	E	E					
H	0.1	0.2	0.3	0.4	0.5	0.7	1.3	1.9	2.1					
V	6.6	4.9	3.6	2.8	2.3	1.5	1.4	1.5	1.6					

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	



TORPEDOES

TT	10	Ammo	10

21" Mark 15

Damage Class	B

Settings

6,000/45

10,000/33

15,000/26

MINES

RAPID FIRE BATTERIES

RF1	4	1.1"/75 Mk 1				
Max Rg	7,400	14.8"		9	7	
Eff Rg	3,330	6.7"		13	10	

RF						
7	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA	Port	12	10	7	4	2
M	Stbd	12	10	7	4	2

RF2	4	20mm/70 Mks 1-4				
Max Rg	4,800	9.6"		9	7	
Eff Rg	2,160	4.3"		13	10	

RF						
4	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA	Port	15	12	8	5	2
L	Stbd	15	12	8	5	2

RF3		None				
Max Rg						
Eff Rg						

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Coal (ts)	0	Oil (ts)	492
Engines	General ElectricGT		
Boilers	4 B&W		

Radius (nm/kts)	
4900	12
3480	20

Search Radar
SG-1
SC

ASW MORTARS/ATW			DEPTH CHARGES		
6 K-Guns			Rack	2	
			Ammo	24	

Captain

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

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Fletcher (DD 445)

TIER	DP
1/70	**88**
2/80	**175**
3/75	**263**
4/85	**350**
5/80	**438**
6/90	**517**
7/85	**596**
8/95	**675**
9/90	**753**
10	**832**
10	**885**

DP	**876**									
KTS	**36**									

Fuel Code	DD5D

Engine Rm	**2**	36	21	0	0	0	0
Prop/Shaft	**2**	36	18	0	0	0	0
Boiler Rm	**2**	36	22	0	0	0	0
			0	0	0	0	0

Standard Turn	Target Sz
45	**1**
Emergency Turn	Searchlights
60	Port / Stbd

Speed	00-12 kt	13-21 kt	22-27 kt	28-30 kt	31+ kt	
Increase	13.0	9.0	6.0	3.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		2

ARMOR	1.00	Actual
1H DECK	**0.0**	0.0
2H TURRET	**0.0**	0.0
3H SUPERSTR	**0.0**	0.0
4V CON	**0.0**	0.0
5V BELT MID	**0.0**	0.0
6V BELT END	**0.0**	0.0
7V BARBETTE	**0.0**	0.0
8V TURRET	**0.0**	0.0
9V SUPERSTR	**0.0**	0.0

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS #/#	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
																				VX	Launch aircraft
PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

T#	DE #	SEVERITY	DESCRIPTION

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity	T#	Fire	Current Severity

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL		DAMAGE CONTROL	
ROLL	EFECT ON FIRE	ROLL	EFFECT ON FIRE
01-03	-20 from severity	01-05	Fire extinguished
04-12	-10 from severity	06-15	-30 from severity
13-50	No change	16-45	-20 from severity
51-85	+10 to severity	46-75	-10 from severity
86-95	+30 to severity	76-90	No change
96-00	+40 to severity	91-00	+10 to severity