

FIRE SHEET

(own) — on — (enemy)

Move No. _____

SYMBOLS

METHOD	SPOT	LAY
D—Direct	T—Top	Q—Pointer
I—Indirect	P—Plane	R—Director
Z—Barrage	L—Local control	S—Stable Zenith Director
B—Bombardment		

	PENALTIES:			Rule No. (Section F)	BB
	Tenths	Formula	Table		
I. HEADING: DATA FROM OWN MOVE BLANK	FIRING SHIP				48
	No. Guns Firing				
	FIRE CONTROL method			4, 8-11	D
	spot			4, 5	R
	lay			4,5,7	P
	TARGET old				BB 6
	new				BB 6
	RANGE old			12, 13	22,000
	new			12, 13	21,000
	TARGET ANGLE (armored ships only)			15, 16	75°
II. POTENTIAL VOLUME OF FIRE	(1) NORMAL FIRE EFFECT (F.E. Tables or Diagrams)			2, 16	1.36
	1st CORRECTION, tenths (above-water damage from damage slip)			2, 47	.1
	(2) 1st MULTIPLIER (tenths remaining effectiveness)				.9
	(3) = (1)x (2) = POTENTIAL FIRE EFFECT				1.22
III. RAPIDITY OF FIRE	not under effective fire (+)	2		29	
	under less than normal fire (+)	1		29	
	under concentration, N ships		N-1	29	-.1
	under minor fire	1		29	
	surprise fire	3		25	
	shift fire			(s) 26	
	fire masked			(y) 22	
	battery interference			D:(h) 41	
	funnel smoke			Q,R:(i) 36	
	ship change course			Q:(j),R:(k) 30	-.1
	spray (dependent on weather)	Q:2		37	
	roll "			Q:(g)+2 R,S:(g) 38	
	pitch "			(g) 39	
	yaw "			(g)+2 40	
2nd CORRECTION, tenths (sum of above penalties)			2	-.2	
(4) 2nd MULTIPLIER (tenths remaining effectiveness)				.8	
(5) = (3) x (4) = FIRE EFFECT DELIVERED				.98	
IV. ACCURACY OF FIRE	over concentration, N ships on target		N	28	
	open fire	I:10		D:(a) 18, 19	
	ship change course (Ind. Fire only)			S:(j) 30	
	ship change speed, X kts.		X/2	32	
	target change course			(m) 31	
	target change speed, X kts.		D:X/2 I:X	33	.2
	change of range			D:(e) I:(f) 34	
	gases	1		36	
	sun glare	Q:3 R:1		42	.1
	target silhouetted (+)	D:2		44	
	local control			D:(c) 6	
	Stab. Zen. Dir. control	I,S:4		5, 9	
	3rd CORRECTION, tenths (sum of above penalties)			2	.3
	(6) 3rd MULTIPLIER (tenths remaining effectiveness)				.7
(7) = (5) x (6) = FIRE EFFECT INFLICTED				.69	
TARGET, new (repeat from heading)				BB 6	