Multi Layer Shields

by

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Multi layer shields work in the same way as the single layer shields in the standard game, the only difference being that there are now two or three layers of shield produced by each shield generator on the ship.

Each layer is powered in exactly the same way as normal and each can be powered to a different level or not powered at all.

Damage scored against a given shield arc first reduces one layer to zero and then begins on the next until all layers are reduced to zero when any extra damage is scored as internal hits as per the standard rules.

A shield generator hit will stop all layers of shield from that generator from being usable until repaired.

I am still developing this idea and any comments or further ideas can be mailed to me at:

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FEDERATION SHIELD GENERATOR TYPES						
Shield Generator Type	Total Mass (mt)	Control Computer Requirement	Shield Efficiency Rating	Number of Shield Layers	SS Requirement	Date Entered Service
FDSA	1264	M-3b	4	2	4.1	2310
FDSB	1738	M-6a	4	2	4.6	2318
FDSC	1890	M-6a	4	2	4.8	2324
FDSD	1650	M-7	5	3	3.2	2330

MAXIMUM SHIELD POWER

Shield Types/Shield Point Ratios

Ship Class	FDSA	1/4 — 2 Shield layers		1/5 — 3 Layers
	FDSA	**FDSB**	**FDSC**	**FDSD**
I				
II				
III				
IV	16/16 11.5			
V	16/16 11.5			
VI	16/16 11.5			
VII	15/15 10.5			
VIII	14/14 10			14/14/14 12
IX	13/13 9.5			14/14/14 12
X	12/12 8.5			13/13/13 11.4
XI	11/11 8			13/13/13 11.4
XII	10/10 7	22/22 15.5		13/13/13 11.4
XIII	9/9 6.5	22/22 15.5		13/13/13 11.4
XIV	8/8 5.5	22/22 15.5		12/12/12 10.2
XV	7/7 5	21/21 15		12/12/12 10.2
XVI	6/6 4.5	21/21 15	24/24 17	12/12/12 10.2
XVII	5/5 3.5	20/20 14	24/24 17	11/11/11 9.6
XVIII	4/4 3	20/20 14	23/23 16.5	11/11/11 9.6
XIX	3/3 2.5	19/19 13.5	22/22 15.5	10/10/10 8.4
XX	2/2 1.5	18/18 12.5	21/21 15	10/10/10 8.4

KLINGON SHIELD GENERATOR TYPES						
Shield Generator Type	Total Mass (mt)	Control Computer Requirement	Shield Efficiency Rating	Number of Shield Layers	SS Requirement	Date Entered Service
KDSA	720	ZD-12	3	2	3.0	2325
KDSB	750	ZD-9	3	2	3.8	2328
KDSC	680	ZD-12	4	2	3.3	2335
KDSD	735	ZD-13	4	3	2.4	2345

MAXIMUM SHIELD POWER

Shield Types/Shield Point Ratios

Ship Class	1/3		1/4	
	2 Shield layers		2 Layers	3 Layers
	KDSA	KDSB	KDSC	KDSD
I				
II				
III				
IV				
V				
VI				
VII				
VIII			22/22 15.5	
IX			22/22 15.5	
X		22/22 20.7	22/22 15.5	
XI		22/22 20.7	21/21 15	
XII		21/21 20	21/21 15	
XIII	20/20 18.7	21/21 20	21/21 15	
XIV	20/20 18.7	20/20 18.7	21/21 15	15/15/15 15.8
XV	20/20 18.7	20/20 18.7	20/20 14	15/15/15 15.8
XVI	19/19 18	19/19 18	20/20 14	14/14/14 15
XVII	19/19 18	19/19 18	20/20 14	13/13/13 14.3
XVIII	18/18 16.7	18/18 16.7	20/20 14	12/12/12 12.8
XIX	17/17 16	18/18 16.7	19/19 13.5	11/11/11 12
XX	16/16 15.3	17/17 16	19/19 13.5	10/10/10 10.5