ACROSS A DEADLY FIELD - 15 MM FIRE TABLES

Combine Fire: up to 16 figs or 18 FPs Long Range: 2x normal range Long Range: FP plus 1D6 Normal Range: as noted on chart Normal Range: FP plus 2D6 Short Range: Under one inch Short Range: FP plus 3D6

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Point Blank Fire: Only against a charge Point Blank Fire (PBF): FP + 4D6 Firer in Disorder: 1/2FP Firer is Shaken: 1/2FP & 1 less die

Firer is Skirmish: 1/2FP & 1 less die Smoothbore Muskets: At PBF, +1 DRM Firer is Elite/Green: +1/-1 DRM Opening Volley: +2 DRM (N/A if green) Desperation Fire (DF): FP + 1D6

Deliberate Fire: +2 DRM, costs 2 actions Combine Fire: up to 6 sections or 18 FPs Long Range: 2x normal range Long Range: FP plus 1D6

Normal Range: as noted Normal Range: FP plus 2D6 Short Range: 1/2 normal range Short Range: FP plus 3D6 Canister Range: 3 inches/1 inch PBF Smoothbore Canister: FP + 4D6/5D6

Rifled Arty Canister: FP + 3D6/4D6 Arty in Disorder: 1/2FP Arty is Shaken: 1/2FP & 1 less die Arty is *Elite/Green:* +1/-1 DRM Arty Routs: Even rout roll, the guns are abandoned - odd roll, guns rout limbered



8 - 7 USA - CSA FP - FP

One battery with three sections
Arty Impact Value (IV) = 1 per section
Elite/Vet/Trn -1/2 move limber/unlimber
Green - full action to limber/unlimber

Combine Fire: up to 12 figs/14 FP LR / NR / SR / DF: same as infantry Shaken, Disorder, Skirmish: as infantry

PBF = (only in charge or melee)
PBF = (FP <u>plus</u> pistol FP) + 4D6

If cavalry is **Flite** / **Vet** / **Trained** / **V**

If cavalry is *Elite / Vet /Trained / Green* Then firer DRM is +2 / NC / -1 / -2

Elite/Vet/Trn: 1/2 move to mount/dismnt Green: 1 action mount or dismount Dismounted opening volley = +1 DRM

No mounted opening volley benefit Cavalry Impact Value = 1 per figure

15mm INFANTRY	Inf	Firepower Points (FP)							
WEAPONS	NR	2 figs	3 figs	4 figs	5 figs	6 figs	7 figs	8 figs	
Rifle-Muskets (R/M)	3	2	3	4	5	6	7	8	
Smoothbre Muskets*	2	2	3	4	5	6	7	7	
Mixed Muskets (MM)	3	2	3	4	5	5	6	6	
Spncr/Hnry Rpt Rifles	4	3	4	6	7	9	10	11	
Colt Revolving Rifles	3	3	4	5	6	8	9	10	
Sharps B/L Rifles	4	3	4	5	6	7	8	9	
Sharpshooter R/Ms	4	2	3	4	5	6	7	8	
Mixed/Rifle Flintlocks	3	1	2	3	4	5	5	6	
Smoothbre Flintlocks*	2	1	2	3	3	4	4	5	

15mm ARTILLERY TYPES	Arty	ARTY FIRE	POWER (F	P) (US-CS)
Smoothbore Battery	NR	1 sec	2 secs	3 secs
6 pounder gun	10	2 - 2	3 - 3	5 - 4
12 pounder Napoleon	13	3 - 3	5 - 4	8 - 7
12 pounder howitzer	10	3 - 3	5 - 4	8 - 7
24 pounder howitzer	12	4 - 4	7 - 6	11 - 10
Rifled Battery	NR	1 sec	2 secs	3 secs
10 pounder Parrott Rifle	18	3 - 3	5 - 4	8 - 7
3" Ordnance Rifle	17	3 - 3	6 - 5	9 - 8
Any 12-14 pounder Rifle	16	3 - 3	6 - 5	9 - 8
BL Whitworth Rifle	26	3 - 3	5 - 5	8 - 8
Any 6 pounder Rifle	14	2 - 2	4 - 4	6 - 5
20 pounder Parrott Rifle	20	4 - 4	7 - 6	11 - 10
30 pounder Parrott Rifle	22	5 - 5	8 - 7	12 - 11
Mixed Guns (1862)	12	2 - 2	4 - 3	7 - 6
Mixed Guns (1863)	14	3 - 3	5 - 4	8 - 7
All Routed Artillery*	None	None	None	None

┙	All Notice Artificity profile Notice Notice Notice									
	15mm CAVALRY	Cav	Cav Dismounted FP - Mounted FP (PBF only							
l	WEAPONS	NR	2 figs	3 figs	4 figs	5 figs	6 figs	7 figs	8 figs	
l	R/M, or Mixd Weapns	3,2	1	2	3	4	5	6	7	
١	Shotguns (PBF only)	1	2	3	4	5	6	7	8	
l	Repeating Carbines	2	3	4	5	6	7	8	9	
١	Sharps BL Carbines	3	2	3	4	5	6	7	7	
l	Other BL Carbines	2	2	3	4	5	5	6	6	
	ML Carbines	1	1	2	3	4	4	5	5	
ı	Pistols*(PBF only)	1/2	1	1	2	3	4	5	6	

FIRE COMBAT RESULTS TABLE																		
FP + DIE ROLL	9	10	11	12	13	14	15	16	17	18	19	20	22	24	26	28	30	32+
INFANTRY FIRE	1 FIG	= 60 MI	N	MC	MC	1MC	2MC	2MC	- 1H	1H	1H	2H	2H	2H	3H	3H	4H	4H
ARTILLERY FIRE		MC	MC	MC	1MC	1MC	1MC	2MC	2MC	2MG	- 1H	1H	1H	2H	2H	3H	3H	4H
CAVALRY FIRE	1 FIG	= 30 HC	RSEME	N				MC	MC	1MC	1MC	2MC	2MC	- 1H	2H	2H	3H	4H

Fire Combat Results (FCR): MC is a Morale Check. A 1MC or 2MC is a morale check, with a +1 or +2 to the unit's MMP.

1H equals one hit -- lose a figure or a gun section -- in addition to the 2MC result as noted above.

All Melees - FP + 5D6

2H, 3H, or 4H equals that number of hits--that many figs or gun sections lost-- and a +2, +3, or +4MC per the number of hits.

Pass Through Fire - Extends 1 inch for infantry fire, 2 inches for artillery. Roll again with one die less for each successive target.

ACROSS A	DEADLY FIELD -	15 MM MOVEMENT	TABLES

INFANTRY	15mm INFANTRY MOVEMENT									
FORMATIONS	CMM	Road	Trail	Open	Brokn	LtWds	HvWds	Rough		
Battle Line	NC	NA	NA	6	5	4	2	1		
Extended Line	+1	NA	NA	7	6	5	3	1		
Skirmishers	+6	NA	NA	9	7	6	4	З		
Attack Column	-2	NA	NA	7	6	5	3	2		
Road Column	+2	13	11	9	7	6	4	2		
Disorder	+3	6	5	4	3	2	1	1		
Disengage	+4	12	10	8	6	4	3	2		
Shaken	+6	5	4	3	3	2	1	1		
CB1/2 - Routed	SR	2D6	2D6	2D6	2D6	1D6	1D6	1D6		

15mm ARTILLERY TYPES	15mm ARTILLERY MOVEMENT, limbered - unlimbered								
Smoothbore Battery	Road	Trail	Open	Broken	Lt Wds	Hv Wds	Rough		
6 pounder gun	16 - 4	13 - 3	11 - 3	9 - 3	6 - 2	4 - 1	2 - 1		
12 pounder Napoleon	14 - 3	10 - 3	9 - 2	8 - 2	5 - 1	3 - 1	2 - 1		
12 pounder howitzer	15 - 3	12 - 2	10 - 2	8 - 1	6 - 1	4 - 1	3 - 1		
24 pounder howitzer	14 - 2	10 - 3	9 - 2	8 - 2	5 - 1	3 - 1	2 - 1		
Rifled Battery	Road	Trail	Open	Broken	Lt Wds	Hv Wds	Rough		
10 pounder Parrott Rifle	14 - 3	10 - 3	9 - 2	8 - 2	5 - 1	3 - 1	2 - 1		
3" Ordnance Rifle	15 - 4	11 - 3	11 - 2	9 - 2	6 - 2	4 - 1	2 - 1		
Any 12-14 pounder Rifle	14 - 2	10 - 3	9 - 2	8 - 2	5 - 1	3 - 1	2 - 1		
BL Whitworth Rifle	15 - 4	11 - 2	11 - 2	9 - 2	6 - 2	4 - 1	2 - 1		
Any 6 pounder Rifle	16 - 4	13 - 3	11 - 3	9 - 3	6 - 2	4 - 1	2 - 1		
20 pounder Parrott Rifle	13 - 2	10 - 1	7 - 1	6 - 1	4 - 1	2 - 1	1 - 0		
30 pounder Parrott Rifle	10 - 1	7 - 1	5 - 1	4 -1	3 - 1	1 - 0	0 - 0		
Mixed Guns (1862)	15 - 3	11 - 4	10 - 3	9 -3	6 - 2	4 - 1	2 - 1		
Mixed Guns (1863)	14 - 2	10 - 3	9 - 2	8 - 2	5 - 1	3 - 1	2 - 1		
All Routed Artillery*	3D6	2D6	2D6	2D6	1D6	2 inches	Abandn		

CAVALRY	CIV	1M	15mm CAVALRY MOVEMENT (Mntd-Dmt						
FORMATIONS	Mntd	Dmtd	Road	Trail	Open	Brokn	LtWds	HvWds	Rough
Cavalry Line	-1	+1	NA	NΑ	10 - 6	8 - 5	6 - 4	4 - 3	1 - 1
Skirmishing	+5	+6	NA	NA	14 - 8	12 - 6	9 - 6	7 - 4	3 - 2
Double Line	-2	NC	NA	NΑ	11 - 7	9 - 6	5 - 4	4 - 3	1 - 1
Ldr, Rd Column	+1	+3	16 -7	13-6	10 - 5	8 - 5	6 - 4	4 - 3	2 - 2
Dis(2X) Disorder	+2	+4	10 - 6	8 - 5	6 - 4	5 - 3	4 - 2	3 - 2	2 - 1
Shaken	+5	+6	8 - 5	6 - 4	5 - 3	4 - 2	3 - 2	2 - 1	1 - 1
CB1/2 - Routed	SR	SR	3D6	3D6	3D6	3D6	2D6	1D6	1D6

Beneficial Target DRMs	Use The Best Two	Detrimental Target DRMs	Use The Worst Two
*No fire/morale cover benefits if charging	From arty fire/other fire	* Enfilade Fires	From arty fire/other fire
*Target is in light woods or orchards	0/-1 DRM	*All Road Columns fromside fire (+2/	+1)front/rear fire (+3/+2) DRM
*Target is in heavy woods	1/-2 DRM	*All Attack Columns fromside fire (+2)	/+1)front/rear fire (+3/+2) DRM
*Target is in hasty/light/heavy works from			
Target is behind wood fence, stone wall	0/-1,-2*DRM	*Limbered Arty fromside fire (+2	/+1)front/rear fire (+3/+2) DRM
*Target is in farms or villages (no other "go	ood" DRMs)1/-3 DRM	*Unlimbered Arty from partial flank (+2	/+1)full flank fire (+3/+2) DRM
When firing out of farms or villages,	ire out with 1/2 FPs	No enfilade or flank fire DRMs at long	range or from or at skirmishers
Target is unlimbered artillery	3/-3 DRM	Unlimbered arty target benefits not a	oplicable against any enfilade fire
Target is infantry in extended line	2/-1 DRM	Target is any artillery, fired on by rifled a	rtillery+1 DRM
Target is infantry skirmishersor 2+ inche	s behind5/-33/-2 DRM	Target in Disorder (no enfilade fire agains	st disorder)+3/+2 DRM
Target is elite unit	1/-1 DRM	Target is a trained unitgreen unit	+1/+0+2/+1 DRM
		Mounted Cavalrynot chargingcharging	

Across A Deadly Field - Game Turn Overview

In one turn, each side will have an Active and a Reactive portion of the turn. The side with the "initiative" will be active first with the other side reacting. The "initiative" is almost always defined by the scenario.

- 1. Both sides move leaders and declare if any leaders are being attached to a unit. Check units for Command & Control distances.
- 2. The active units or designated active unit groups can perform any two consecutive actions. They can fire and/or move, fire twice, move twice, charge, reform from disorder, change formation, or attempt to rally. If routed, they must run with their first action and then try to rally with their second. Elite, veteran or trained units may change formation by using half of their movement. Green units take one full action or full reaction to change formation, limber/unlimber or mount/dismount.
- 3. An opposing non-active unit or unit group may react once to any fire or any enemy movement of an inch or more that can be seen by it or a leader within his reaction radius of the reacting unit OR ANY enemy action that occurs within 2 inches with a fire, a formation or facing change, reform from disorder, or a rally attempt, or a disengage. If charged, a unit may also do a countercharge, Only one unit or unit group can react per reaction trigger -- if the active unit moves another inch, another unit or unit group could react. After doing its one reaction, a unit may still do a desperation fire if a different enemy unit moves within one inch. But, a unit cannot do a reaction fire and desperation fire against the same unit.
- 4. During any portion of a player turn, all morale checks must be taken as soon as required and with immediate results.
- 5. If a leader was attached to a unit that took one or more hits, the leader immediately rolls a 1D6 for each hit on the unit he was attached to. If a "6" is rolled the leader has been killed. If he is killed, any attached or adjacent unit must also check morale.
- 6. After one side has completed all actions, the other side now is active with two actions per unit or unit group with the previous active units now becoming the reacting units with the same active options as detailed as above.

Active and Reactive Unit Groups

The active player can designate any adjacent and/or contiguous units, in the same formation as a unit group and declare both actions. A unit group does not have to be permanently defined; but, to function as a unit group for this specific player's active turn, the units must be of the same type, in the same formation, and must all do the same thing for each of their two consecutive declared actions. If enemy fire breaks up the declared unit group, the remaining members of the group will close up and continue the previously declared actions. If a leader is attached to a moving unit group all members may use his LB as extra movement. However, only the specific units that the leader is actually adjacent to are entitled to a morale benefit from the leader's LB.

The reacting player can declare any adjacent and/or contiguous units that are in the same formation as a unit group for any one immediate specific reaction opportunity. It is not required that these unit be previously declared as a unit group.

Infantry Charge Procedure and Charge Impact Resolution -- Active Player Chooses Order of Resolution

- Declare charge target and advance charging units -- A charging unit(s) use one action and has a required charge bonus (CB) roll of half of a routed movement. Green units do the whole charge in disorder. Trained and veteran units go into disorder at half of their total charge distance, Elites units go into disorder at half of their CB. Countercharges meet in overlap area.
- Resolve any enemy reaction fire against the charging units -- As the charging units gets within range of any enemy unit(s), those unit(s) may take one reaction fire with immediate results, including morale checks. Defending units get only one full reaction fire during the opposing side's Active Turn, with the exception of a 1D6 desperation fire (DF) if charged by different units. Note that only against a charge, if the defender wants to do his reaction fire as a point blank fire (PBF) or one inch artillery close canister fire he must first do Step 3, the defender's pre-impact "fear-of-charge" morale check -- likewise, for any DF against a new unit. A defender can only fire once -- reaction fire or DF -- against any one unit.
- **Defender's pre-impact** "fear of charge" morale check -- When the charging unit is within one inch of the defender, he takes an immediate "fear-of-charge" morale check. This is done prior to any point blank fire (PBF) or desperation fire (DF)
- Charge Impact Resolution -- If the charging units have not been stopped by fire, proceed to charge impact resolution. Calculate the Final Impact Values (FIV) of the lead units in contact as shown below, with the opposing lead unit's MMP modified by its CMM and any Good/Bad Situational Morale Modifiers as below. For FIV calculations as shown below, both lead charging units may count up to three contiguous and/or adjacent units for support (up -3 max to MMP in a charge).
- 5. FIV = 2D6 + (lead impact unit's # of figs) (lead impact unit's MMP) High total FIV wins with below results:
- 6. Equal FIV: Infantry melee Both sides are in contact and do a simultaneous "melee fire" using (FPs + 5D6) see rules. Either Side Wins by 1: Attacker stops short. Roll 1D6 for distance in half inches. Both sides fire a "no cost" volley at that range. Wins by 2 through 4: All losing units fall back that many inches* and all losing units lose one* figure and are in disorder. Wins by 5 through 7: All losing units fall back that many inches* and all losing units lose two* figures and are shaken. Wins by 8 through 11: All losing units fall back that many inches* and all losing units lose three* figures and are routed. Wins by 12: All losing units -- attacker or defender -- surrender and are removed from the game. *If loser was attacker reduce fall back distance by one inch, reduce loss by one figure and morale level drop is limited to shaken.
- Immediately following charge resolution, all involved attacking or defending units are now in disorder. If the attackers were the winners, they may advance in disorder, generally following the defender at up to one inch less than he fell back. If the attackers won, they may advance in disorder and impact a new enemy unit if desired, repeating the Charge Impact Procedure. However, if the defender was the winner, he does not advance, but continues to hold his original position.

Across A Deadly Field - Regimental Game Scales

10mm figure Ground Scale = one inch equals approximately 100 to 120 yards. 15mm figure Ground Scale = one inch equals approximately 80 to 100 yards. 25mm figure Ground Scale = one inch equals approximately 60 to 80 yards. One Turn = 30 minutes, One Infantry Figure = 60 men, One Cavalry Figure = 30 men One Gun = one battery with each crew figure equaling one section of artillery.

ADF - RULES SUMMARY - SCALE, MORALE & ABBREVIATIONS

The Basic Morale Point (BMP) and The Modified Morale Point (MMP)

Each unit has a BMP based on its training and combat experience as so:

BMP = 3, 4, 6 Elite, unit with a solid record of proven combat experience.

BMP = 4, 6, 8 Veteran, well trained unit with some combat experience.

BMP = 5, 7, 10 Trained, unit with some training, but no combat experience. BMP = 6, 9, 12 Green, unit with minimal training and no combat experience.

Above BMPs are for: No stand lost One stand lost (3 stand units) Last Stand of Unit

Artillery batteries have their BMP increased by "+3" per section previously lost.

Modified Morale Point (MMP) - When a unit's BMP is modified by its situation it becomes its MMP, which is then used for all morale checks or rally attempts.

MMP = BMP + unit morale level + two best & two worst situational modifiers PLUS any applicable Fire Combat Results calling for a morale check (FCR/MC). A unit's morale level is: good order (+0), disorder (+2), shaken (+4), routed (+6) In any situation, a unit can never have an MMP better than "0" or worse than "12".

Good Situational Morale Modifiers To a Unit's MMP use the "best" two

If unit or units are adjacent (within supporting distance) to a leader.....leader's LB Unit is 6 or more inches behind intervening friendly units......-6 An infantry unit is charging / a mounted cavalry unit is charging.....-1/-2 Non-moving unit is directly behind wood fence /stone wall ...(N/A from artillery fire)...... -1 Unit is supported by adjacent non-shaken unit(s).....(-1 per unit)....-2 max, -3 max in charge Any applicable leader benefit (LB) is over and above the "best two" restriction.....(Leader's LB)

Bad Situational Morale Modifiers To a Unit's MMP use the "worst" two

Morale Check from..... arty fire/other fire or rally attempts *Enfilade Fire *Unlimbered Artyfire from side (+2/+1).....full flank (+3/+2)....from rear (+4/+3) *All columns & limbered arty...side fire (+2/+1)...front fire (+3/+2)...from rear (+4/+3) *<u>All lines</u>.....from partial flank (+2/+1).....full flank (+3/+2)....from rear (+4/+3)

Unit is within 1 inch of non-shaken, non-skirmishing enemy infantry.....+1 Per each regiment or leader "eliminated" from the same brigade.+1 (max +2)

Regiment is a merged regiment (Use original BMP of the best unit)+2 Unit is charged by infantry/mntd cavalry on partial flank: (+2/+3)...on full flank or rear: (+4/+6)

When Is a Unit is Required to take a Morale Check (MC)

- When required by a FCR/MC as a (MC, 1MC or 2MC) fire combat result, or a figure loss with a +MC per each "hit" and that a 1H result requires a +2MC check.
- If a unit was adjacent to another unit that was eliminated, a leader that was killed, or if a routing unit passes within the current "adjacent" distance.
- If defending against a charge, "fear if charge" check prior to Impact Resolution as the attacker moves within an inch of the unit. MC must be done before any PBF.

Morale Check and Rally Attempt Results

Unit rolls 2D6 attempting to match or roll higher than its current MMP with immediate results as detailed below -- same procedure and result for rally attempts.

Rolls a natural "2" - Elites go shaken, all others are routed Rolls a natural "3" - Elites go into disorder, all others shaken

Rolls 5 or more less than MMP -- Drop 2 morale levels*

Rolls 1 to 4 less than MMP -- Drop 1 morale Level*

Rolls exactly its MMP -- No morale change, unit stays same.

Rolls 1 to 4 higher than its MMP - Improve 1 morale level Rolls 5 or higher than MMP -- Improve 2 morale levels

* Unless already routed...Infantry, artillery, and dismounted cavalry fall back in inches by what it failed by, while mounted cavalry falls back twice the distance it failed by.

Rolls a natural "12"-- Go to Good Order and recover a figure or gun

Tactical Competence Test - To pass, roll 1D6, must equal or be higher than current BMP.

Abbreviations and Definitions

1D6, 2D6, 3D6...Number of 6 sided dice Adj - Adjacent - 1 inch in open, 1/2 inch in broken or light woods, units touching in heavy woods or rough terrain.

BMP - Basic Morale Point

BL or B/L - Breechloading rifle or carbine

BLC - Breechloading Carbines

CB - Charge Bonus (1/2 of routed move)

CMM - Charge Morale Modifier

CR - Canister Range (3 inches/1 inch PBF)

CRR - Colt Revolving Rifles

C & C - Command& Control

CML - Current Morale Level

DF - Desperation Fire (FP + 1D6) see rules

Dis -Disengage (2x disorder move)

DP - Disorder Point in a charge

Elites and Vets - 1/2 of the rolled CB Trained Units - 1/2 total charge distance Green units -- whole charge in disorder.

DRM - Die Roll Modifier

EF - Enfilade Fire (see rules)

FIV - Final Impact Value (see impact rules)

FCR - Fire Combat Results

FCR/MC - FCR/Morale Check FCRT - Fire Combat Results Table

FP - Firepower Points (If R/M, 1 fig is 1 FP)

FA - Fire Arc (45 degrees off front)

H - A hit, Lose a figure(s) with a (+)MC

1H - One Hit - Lose 1 figure, +2 MC

2H - Two Hits - Lose 2 figure, +2 MC

3H - Three Hits - Lose 3 figures, +3 MC

4H - Four Hits - Lose 4 figures, +4 MC

IV - Impact value (see also UIV) LB - Leadership Benefit

LCR - Leader's Command Radius

4x leader's **LB** in inches (6x for 25mm)

LRR - Leader's Reaction Radius

2x leader's LB in inches (3x for 25mm)

LOS - Line of Sight

LR - Long Range (2X normal range) MC - Morale Check

1MC is a MC with +1 to MMP 2MC is a MC with +2 to MMP

ML - Muzzle Loading

MLC - Muzzle Loading Carbine MM - Mixed Muskets

MMP - Modified Morale Point

MW - Mixed Weapons

NR - Normal Range

PZ - Primary Zone (directly in unit's front) PBF - Point Blank Fire (only against charge)

R/M - Rifle-Musket (1 fig equals 1 FP)

SS R/M - Sharpshooter Rifle-Musket

SBM - Smoothbore Muskets (+1 at PBF) Skrmsh - Skirmishers (1/2FP & 1 less die)

Skrmsh/SS - Skirmishing sharpshooters

(1/2 FP) (if also elite: +1 DRM)

SMM - Situational Morale Modifier

SRDR - Surrender (Unit is removed) SR - Short Range (one inch for infantry)

SS - Sharpshooters

TCT - Tactical Competence Test (1D6)

Trn - Trained Unit

UIV - Unit Impact Value

Vet - Veteran Unit

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