25/28 mm FIRE TABLES ACROSS A DEADLY FIELD Inf Firepower Points (FP) Combine Fire - up to 16 figures/18 FP 25mm INFANTRY Long Range - 2x normal range WEAPONS NR 2 figs 3 figs 4 figs 5 figs 6 figs 7 figs 8 figs Long Range - FP plus 1D6 Normal Range - as noted Rifle-Muskets (R/M) 4 5 2 3 4 6 8 Normal Range - FP plus 2D6 Smoothbre Muskets* 3 3 4 5 6 Short Range - Under one inch Short Range - FP plus 3D6 5 5 6 6 Mixed Muskets (MM) 4 2 3 4 Point Blank Fire - Against Charge Spncr/Hnrv Rpt Rifles 5 3 4 6 7 9 10 11 Point Blank Fire (PBF) - FP + 4D6 Firer in Disorder - 1/2FP 8 10 Colt Revolving Rifles 3 4 5 6 9 4 Firer is Shaken - 1/2FP & 1 less die Sharps B/L Rifles 5 3 4 5 6 8 9 Firer is Skirmsh - 1/2FP & 1 less die Smoothbore Mskts - At PBF,+1 DRM 5 7 8 Sharpshooter R/Ms 3 4 6 5 2 Firer is Elite/Green - +1/-1 DRM Mixed/Rifle Flintlocks 3 5 5 6 4 2 4 Opening Volley = +2 DRM Desperation Fire (DF) = FP + 1D6 Smoothbre Flintlocks* 3 2 3 3 4 4 5 Arty ARTY FIREPOWER (FP) (US-CS) 25mm ARTILLERY TYPES Combine Fire - up to 6 sections/18 FP Long Range - 2x normal range Smoothbore Battery NR 1 sec 2 secs 3 secs Long Range - FP plus 1D6 13 6 pounder aun 2 - 2 3-3 5 - 4 Normal Range - as noted 12 pounder Napoleon 17 **3** - 3 5 - 4 8 - 7 Normal Range - FP plus 2D6 12 pounder howitzer 13 3-3 5 - 4 8 - 7 Short Range - 1/2 normal range Short Range - FP plus 3D6 15 24 pounder howitzer 4 - 4 7 - 6 **11 -** 10 Canister Range - 3 inches/1 inch PBF **Rifled Battery** NR 1 sec 2 secs 3 secs Smoothbore Canister - FP + 4D6/5D6 10 pounder Parrott Rifle 23 **3** - 3 5 - 4 8-7 Rifled Arty Canister - FP +3D6/4D6 Arty in Disorder - 1/2FP 3" Ordnance Rifle 22 3-3 6 - 5 9 - 8 Arty is Shaken - 1/2FP & 1 less die Any 12-14 pounder Rifle 21 3-3 9-8 6 - 5 Arty is Elite/Green - +1/-1 DRM BL Whitworth Rifle 34 3-3 5 - 5 8 - 8 Arty Routs - Even rout roll, the guns 18 Anv 6 pounder Rifle 2 - 2 are abandoned - odd roll guns leave. 4 - 4 **6 -** 5 USA CSA 20 pounder Parrott Rifle 26 7 - 6 4 - 4 11 - 10 FP FP 28 30 pounder Parrott Rifle 5 - 5 8 - 7 **12 -** 11 02 8 - 7 15 Mixed Guns (1862) 7 - 7 4 - 3 7 - 6 One battery with three sections. Impact Value (IV) = 1 per section Mixed Guns (1863) 18 3 - 3 5 - 4 8 - 7 Elite/Vet - 1/2 move limber/limber All Routed Artillerv* None None None None Combine Fire - up to 12 figures/14 FP 25mm CAVALRY Cav Dismounted FP / Mounted FP (PBF only) LR / NR / SR / DF - as infantry WEAPONS 5 figs NR 2 figs 3 figs 4 figs 6 figs 7 figs 8 figs Shaken, Disorder, Skirmish - as inf 4,3 3 4 5 6 **PBF** = (only in charge or melee) R/M, or Mixd Weapns 2 1 7 **PBF** = (FP+4D6) **<u>OR</u>** (Pistol FP+5D6) Shotguns (PBF only) 2 3 5 6 7 8 4 1 If cavalry is Elite / Trained / Green 2 3 4 5 6 7 8 Repeating Carbines 3 Then firer DRM is +2/-1/-22 3 4 5 6 7 7 Sharps BL Carbines Elite/Vet -1/2 move to mnt/dismnt 4 Trained/Green: 1 action mnt/dismnt 3 2 3 4 5 5 6 6 Other BL Carbines Dismounted opening vollev +1 DRM 3 5 5 1 2 4 4 ML Carbines 2 No mounted opening volley DRM Cav Impact Value = 1 per figure 2 3 5 6 Pistols*(PBF only) 4 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 MEN MC MC 1MC 2MC 2MC+ 1H 1H 1H 2H | 2H | 2H | 3H 3H | 4H 4H MC 1MC 1MC 1MC 2MC 2MC 2MC 1H 1H 1H | 2H 3H 4H **ARTILLERY FIRE** MC MC 2H | 3H | MC MC 1MC 1MC 2MC 2MC 1H 2H 2H 3H 4H CAVALRY FIRE 1 FIG = 30 HORSEMEN 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 25/28 mm MOVEMENT TABLES INFANTRY 25mm INFANTRY MOVEMENT FORMATIONS CMM Road Trail Open Brokn LtWds HvWds Rough NA NA 5 Battle Line NC 8 3 Extended Line +1 NA NA 9 8 6 4 2 5 +6 11 9 7 Skirmishers NA NA 3 Attack Column -2 NA NA 9 8 6 4 2 12 5 Road Column +2 15 13 9 7 2 Disorde +3 8 7 6 5 4 2 16 14 12 10 8 2 Disengage +44 3 Shaken +6 7 6 5 4 2 1 CB1/2 - Routed SR 3D6 3D6 3D6 2D6 1D6 1D6 1D6 25mm ARTILLERY MOVEMENT, limbered - unlimbered 25mm ARTILLERY TYPES Road Trail Open Broken Lt Wds Hv Wds Rough Smoothbore Battery 20 - 5 17 - 4 14 - 4 12 - 3 8 - 2 5 - 1 3 - 1 6 pounder aun 13 - 3 12 - 2 10 - 2 7 - 1 12 pounder Napoleon 18 - 3 4 - 1 2 - 1 19 - 3 16 - 3 13 - 3 11 - 2 8 - 2 5 - 1 3 - 1 12 pounder howitzer 3 - 1 18 - 3 13 - 3 12 - 2 10 - 2 7 - 1 4 - 1 24 pounder howitzer **Rifled Battery** Trail Lt Wds Road Open Broken Hv Wds Rough 10 pounder Parrott Rifle 18 - 3 13 - 3 12 - 2 10 - 2 7 - 1 4 - 1 3 - 1 3" Ordnance Rifle 19 - 4 14 - 3 14 - 3 12 - 2 8 - 2 5 - 1 2 - 1 18 - 3 13 - 3 12 - 2 10 - 2 7 - 1 4 - 1 3 - 1 Any 12-14 pounder Rifle BL Whitworth Rifle 19 - 4 14 - 3 14 - 3 12 - 2 8 - 2 5 - 1 2 - 1 Any 6 pounder Rifle 20 - 5 17 - 3 10 - 2 7 - 2 6 - 2 4 - 1 2 - 1 17 - 3 10 - 2 7 - 2 6 - 2 4 - 2 2 - 1 1 - 0 20 pounder Parrott Rifle 30 pounder Parrott Rifle 13 - 3 12 - 2 7 - 2 4 - 1 2 - 1 0 - 0 10 - 2 19 - 4 Mixed Guns (1862) 14 - 4 13 - 3 11 - 3 8 - 2 5 - 1 3 - 1 Mixed Guns (1863) 18 - 3 13 - 3 12 - 2 10 - 2 7 - 1 4 - 1 3 - 1 All Routed Artillery* 3D6 3D6 2D6 2D6 Abandn 4D6 3 inches 25mm CAVALRY MOVEMENT (mtd-dismtd) CAVALRY CMM FORMATIONS Mntd Dmtd Road Trail Open Brokn LtWds HvWds Rough 8 - 6 12 - 9 10 - 8 5 - 4 2 - 2 Cavalry Line NA NA -1 +1 Skirmishing +5 +6 NA NA 15-11 12 - 99 - 7 7 - 5 3 - 3 -2 NC NA NA 11 - 9 9 - 8 5 - 6 4 - 4 2 - 2 Double Line 19 - 14 16-12 13 - 11 8 - 6 5 - 4 2 - 2 Ldr. Rd Column +310 - 9 +1 Dis(2X) Disorder +2 12 - 8 10 - 7 8 - 6 6 - 4 5 - 3 4 - 3 3 - 2 +4 9 - 6 8 - 5 5 - 2 +5 +6 10 - 7 7 - 3 3 - 1 2 - 1 Shaken 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 from.....side fire (+2/+1)....front/rear fire (+3/+2) DRM .-1/-2 DRM *All Attack Columns from.....side fire (+2/+1)...front/rear fire (+3/+2) DRM *Target is in heavy woods... *Target is in hasty/light/heavy works from all fire.......-2/-3/-4 DRM *All Lines from........partial flank (+2/+1).....full flank fire (+3/+2) DRM0/-1,-2*DRM *Limbered Arty from.....side fire (+2/+1)...front/rear fire (+3/+2) DRM *Target is behind wood fence, stone wall*..... *Target is in farms or villages (no other "good" DRMs)......-1/-3 DRM *Unlimbered Arty from... partial flank (+2/+1).....full flank fire (+3/+2) DRM When firing out of farms or villages, fire out with 1/2 FPs No enfilade or flank fire **DRMs** at long range or from or at skirmishers Target is unlimbered artillery... Unlimbered arty target benefits not applicable against any enfilade fire .-3/-3 DRM -2/-1 DRM Target is any artillery, fired on by rifled artillery..... . +1 DRM Target is infantry in extended line..... Target is infantry skirmishers...or 2+ inches behind ..-5/-3..-3/-2 DRM Target in Disorder (no enfilade fire against disorder)......+3/+2 DRM ..+1/+0....+2/+1 DRM Target is elite unit . 1/-1 DRM Target is a trained unit...areen unit... Target is dismounted cavalry..in line..skirmishers..-1/NC..-4/-2 DRM Mounted Cavalry...not charging ...charging ... +5/+4....+4/+3 DRM

FOR ALL SCALES

Across A Deadly Field - Game Turn Overview

In one turn, each side will have an <u>Active</u> and a <u>Reactive</u> 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 <u>any two consecutive actions</u>. They can fire and/or move, fire twice, move twice, charge, reform from disorder, change formation, or attempt to rally. If routed, they <u>must run</u> 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.
- 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

<u>The active player</u> can designate any <u>adjacent and/or contiguous units</u>, in the same formation as a <u>unit group</u> and declare both <u>actions</u>. A <u>unit group</u> does not have to be permanently defined; but, to function as a <u>unit group</u> for this specific player's active turn, the units must be of the same type, in the same formation, and <u>must all do the same thing for each of their two consecutive</u> <u>declared actions</u>. If enemy fire breaks up the declared <u>unit group</u>, the remaining members of the group will close up and continue the previously declared actions. If a leader is attached to a moving <u>unit group</u> 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

- 1. 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.
- 2. 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 <u>immediate</u> 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 <u>Step 3</u>, 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.
- 3. 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)
- I. <u>Charge Impact Resolution</u> -- 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 <u>disorder</u>. Wins by 5 through 7: All losing units fall back that many inches* and all losing units lose two* figures and are <u>shaken</u>. Wins by 8 through 11: All losing units fall back that many inches* and all losing units lose three* figures and are <u>shaken</u>. 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.

ADF - RULES SUMMARY - SCALE, MORALE & ABBREVIATIONS

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 menOne Gun = one battery with each crew figure equaling one section of artillery.

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 behind: hasty works / light works / heavy works.....-1/-2 / -4 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).................. Unit is <u>supported by adjacent</u> 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

 *Enfilade Fire
 Morale Check from....arty fire/other fire or rally attempts

 *Unlimbered Arty
 fire 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)

 *All lines
 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.

 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 <u>+MC per each "hit"</u> 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 <u>defending</u> 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 -- <u>same procedure and result for rally attempts</u>. Rolls a natural "2" - <u>Elites</u> go shaken, all others are <u>routed</u> Rolls a natural "3" - <u>Elites</u> go into *disorder*, all others <u>shaken</u> Rolls 5 or more less than MMP -- Drop 2 morale levels* Rolls 1 to 4 less than MMP -- Drop 1 morale Level* <u>Rolls exactly its MMP</u> -- 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 Rolls a natural "12"-- Go to *Good Order* <u>and</u> recover a figure or gun 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.

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

1D6, 2D6, 3D6...Number of 6 sided dice Adi - Adiacent - 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 dearees 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 © JOHN HILL 2014

Abbreviations and Definitions