

[illegible]

1.14	retaggingLightSearchRange	int	Range which targets are selected. Default: 120	
1.14	retaggingLightSearchEnd	float	The lead of the projectile to try to hit the target. Default: 15	
1.14	retaggingLightSearchOnlyTags	tag ref	Only retag units with these tags	
1.17	color	color	Graphics and effects Recolors this projectile using a hex value.	color: #666600
1.13	invisible	bool	Use custom image. Overrides drawType and frame	
	image	(in image)	Built-in image to use. 0=projectiles_large.png 2=projectile2.png	drawType: 1
	drawType	int	Scale image. Defaults to 1	
	drawSize	int	Built-in image frame to use, starts at zero	
	frame	int	Default true	
	hitSound	sound		
1.13	explodeRef	effect ref list		explodeRef: smallExplosion, CUSTOM.myExplodeEffect
1.13	explodeNewOnHit	effect ref list	Use this effect if shield is active on target	
1.13	teamColorRatio	float	Mix 0-1 of team colour into color field	
1.13	teamColorRatio_sourceRatio	float	Default is (1-teamColorRatio). Keep more of color when mixing. Note this might saturate colors	
1.13	drawUnderUnits	bool		
1.13	effectOnCreate	effect ref list		
1.13	showRevealFog	bool	Reveal fog to player on explode	
1.13	showRevealFog	bool		
1.13	revealRevealFog	bool		
1.13	rakeWeapon	bool	Shows on mini-map when fired. Some other side effects as well	
	trailRef	boolEffect	true for built-in defaults, but can also point to any custom effects	
1.13	trailRefRate	float	Defaults to 3	
	lightCastOnGround	bool		
	lightSize	float		
	lightColor	color		lightColor: #ff0000
	targetHitRef	bool	Creates a large explosion and accompanying sound on hit (only cosmetic)	
	lightingRef	bool	Draw as lighting works best with instant true	
	lightRef	bool	Draw as laser works best with instant true	
1.14	beamImage	(in image)	Image to use for beamEffect	
1.14	beamImageOffsetRate	float		
1.14	beamImageStart	int	Frame start of beam animationEffect	
1.14	beamImageStartRotated	bool	Defaults false. True to rotate with turret angle	
1.14	beamImageEnd	int	Frame end of beam animationEffect	
1.14	beamImageOffsetRate	bool	Defaults false	
Section [movement] These are traits the unit has as far as movement goes, such as rotation and acceleration				
Code Value Type Description Example				
	movementType	string	Defines what kind of terrain the unit will be able to move along with other properties of unit types	movementType: LAND
	slowDeathFall	bool	Used with large aircraft. Makes the unit fall slowly while maintaining its speed at the time of death	slowDeathFall: true
	moveSpeed	float	Maximum movement speed of the unit	moveSpeed: 1.2
	moveAccelerationSpeed	float	Defines how fast units accelerate to max speed	moveAccelerationSpeed: 0.07
	moveDecelerationSpeed	float	Don't make this too low or units will have trouble stopping at waypoints	moveDecelerationSpeed: 0.17
	moveSpeedPercentage	float	0-8 default. Over 8 will invert for short distances (at 40% speed, if set to 1 it will drive in reverse same as	moveSpeedPercentage: 0
	landOrGround	bool	Should flying unit land when idle	landOrGround: false
	targetHeight	float	Defaults to 0 but if AIR movementType default is 35	targetHeight: 25
	targetHeightDB	float	Sets maximum height change. Defaults to 0 but if AIR movementType default is 1.5	targetHeightDB: 1
	startHeightChangeRate	float		
1.14	heightChangeRate	float	Rate at which the unit changes height, either from converting or drifting	heightChangeRate: 3
1.14	fallingAcceleration	float	The acceleration in which a unit drops	
1.14	failingAccelerationDead	float	Failing acceleration list when destroyed	
	maxTurnSpeed	float		
	turnAcceleration	float		
	moveSlidingMode	bool	Makes the unit slide when moveDecelerationSpeed is lower, making them drift and feel natural	
	moveGlideBody	bool	Allows the unit to move without fully turning in the direction its moving, useful for ships and air units	
	moveSlidingDir	int		
	ignoreMovementOrders	bool	Defaults to true. Changing not recommended	
	ignoreMoveOrders	bool	Ignore and remove movement type waypoints. Always to true for buildings	
Section [ai] This determines what the AI will use the unit for, does not affect player				
Code Value Type Description Example				
	useAsBuilder	bool	Set to true if unit can build or repair buildings. Defaults to [world]builder	
	useAsTransport	bool	Defaults to true if unit can transport units	
	useAsHarvester	bool	Defaults to true if unit can reclaim resources	
	useAsAttacker	bool	Can it use this unit for attacks. Defaults to true	
	disableAI	bool	Disallow AI building this unit or building	
	upgradePriority	float	Defaults to 0.06. Set between 0-1, higher means AI is more likely to upgrade this unit before others	
	buildPriority	float	Buildings only	
	nonRecommendedPriority	float	0-1. AI uses 0.6 for first land factory, 0.48 for air factory, 0.47 for first turret	
	nonRecommendedPriority	float	Adds to buildPriority, if this unit doesn't exist in the AI's base	
	recommendedPriority	float	Adds to buildPriority, if this unit doesn't exist in the AI's where on the map	
	recommendedPriorityByTurret	float	Defaults to 0	
	recommendedPriorityBasePriorityByTurret	float	Defaults to 0.5. Overrides buildPriority	
	upgradeFrom	string	Create link to another unit to preserve max counts for upgraded and non-upgraded types in same base	
	maxCount	int		
	maxEachBase	int		
1.14	canPriorityTargetOnlyOtherUnits	bool	Useful for walls, etc	
1.14	canPriorityTargetOtherUnits	bool	Useful for units that cannot attack back. Eg walls	
1.13	whenUsingHarvester_recommendedPriorityBase			
1.13	whenUsingHarvester_recommendedPriority			
1.13	whenUsingHarvester_includeOtherHarvesterCounts			
1.13	onlyUseAsHarvester_BaseUnitTagged			
Section [leg_#] / [arm_#] Legs can move around when unit moves. Arms need an animation or convert				
Code Value Type Description Example				
	x	float	Sets position of the foot on the X axis	
	y	float	Sets position of the foot on the Y axis	
	copyFrom	int	Copy from another leg. Useful to only need to set leg values once	copyFrom: 1
	attach_x	float	Sets the leg's attach point on the X axis	
	attach_y	float	Sets the leg's attach point on the Y axis	
	rotationSpeed	float	Target foot/leg rotation relative to body	
	lockMovement	bool	Lock to unit body. Useful if walking unit converted to a flying unit	
	heightSpeed	float		
	moveSpeed	float		
	moveWeighting	float	Defaults to 7. Reposition leg at this distance if neighbor legs are not already repositioning	
	holdDistance	float	Defaults to 15. Force reposition of leg at this distance	
	hold_maxMovingAge	float		
	hold_moveOnlyIfFarther	bool		
	holdDistance_checkNeighours	float	Defaults to 50. Force leg to never go this far. Better to not be reached	
	holdLeg	float	defaults to 1. Predicts were unit will be for leg placement based on unit speed	
	estimatingPositionMultiplier	float		
	hidden	logic boolean	Graphics and effects	
1.13	image_end	(in image)		
1.13	image_end_shadow	(in image)		
1.13	image_end_beamColors	(in image)		
1.13	image_foot	(in image)	same as image_end	
1.13	image_foot_shadow	(in image)		
1.13	image_middle	(in image)		
1.13	image_leg	(in image)	same as image_middle	
1.13	draw_foot_on_top	bool		
	drawOverBody	bool	Draw over body	
	drawUnderUnits	bool	Draw over all units	
	drawOnOffset	float		
	dust_effect	bool	Spawns dust particles on each step	
	spinRate	float	Makes spinning spin, like idleSpin for turrets	
	drawOppositeSideNeighbours		Calculate neighbours with X 10 times closer than Y	
	drawOppositeSideNeighbours		For performance, defaults changes based on unit size	

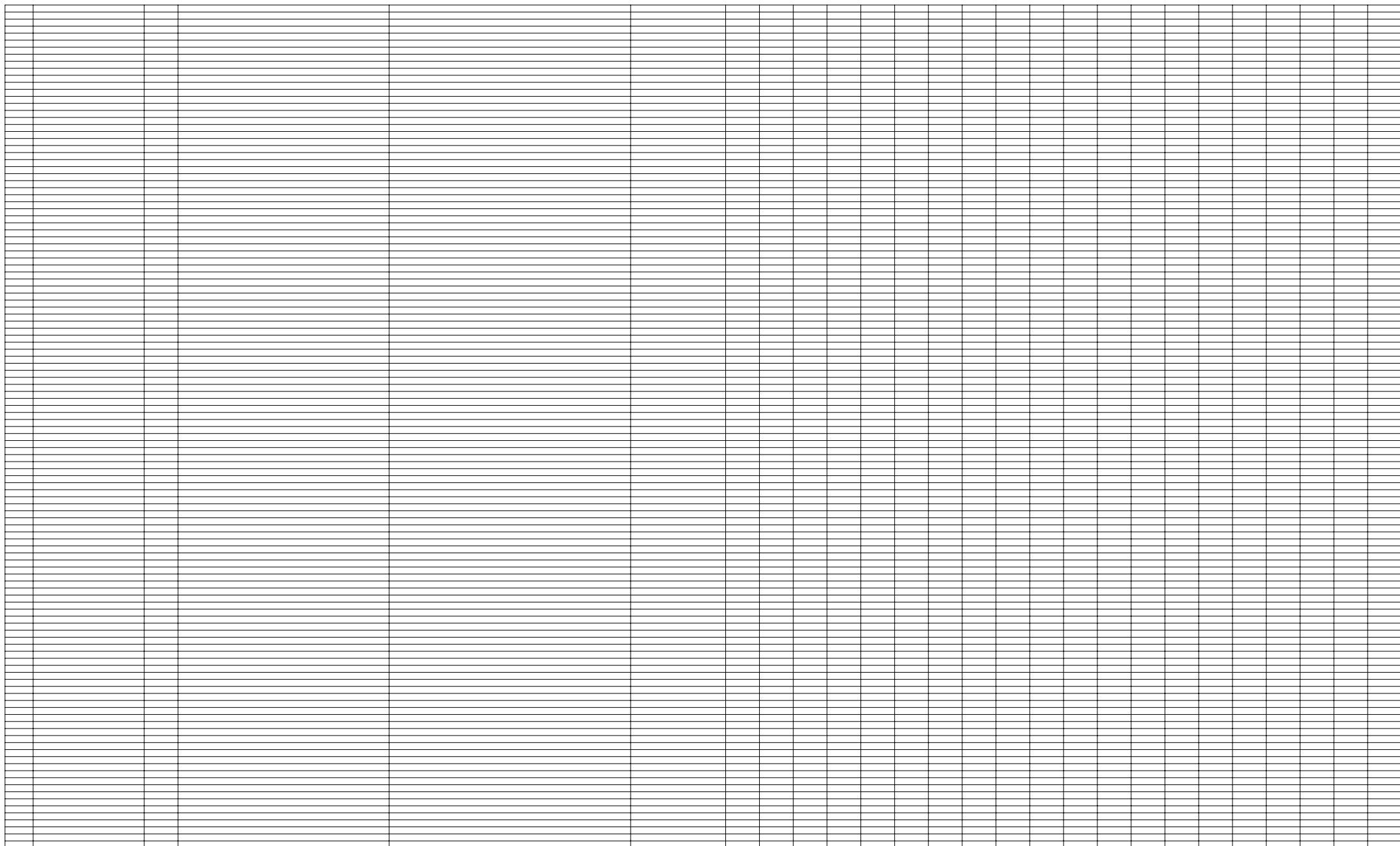
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