

## DAGER SYSTEM:

Dager is a three star system: a binary pair (Dager A and B) orbited by a distant ternary star (Dager C).

Dager A and B are separated, on average, by 0.17 AU. Maximum separation: 0.238 AU. Minimum: 0.102 AU.

Dager AB and C are separated, on average, by 20 000 AU. Maximum separation: 28 000 AU. Minimum: 12 000 AU

STARS:			
	DAGER A	DAGER B	DAGER C
Mass (M)	0.75 sol	0.56 sol	0.1 sol
Luminosity (L)	0.37 sol	0.13 sol	0.0003 sol
Radius (R)	0.79 sol	0.63 sol	0.16 sol
Lifetime ( $T_{ms}$ )	2.03 sol	4.31 sol	333.3 sol
Temperature ( $T_{eff}$ )	0.88 sol	0.76 sol	0.33 sol
Inner Limit	0.13 AU		0.01 AU
Forbidden Zone	0.034 AU – 0.714 AU		NA
Habitable Zone	0.67 AU – 0.97 AU		0.01 AU – 0.024 AU
Frost Line	3.42 AU		0.086 AU
Outer Limit	52.4 AU		4 AU

PLANETS:		
	DAGER AB	DAGER C
Asteroid Belt	0.56 AU	
Gas Giant	0.96 AU	
Laplace A	1.9200012574 AU	
Laplace B	3.0478120157 AU	
Laplace C	4.8381 AU	