

EUROPA

World Log:	Europa
System Data	
System Name:	Sol
Map Coordinates:	1.23N 2.79W
Number of Class M Present:	5
Planetary Data	
Position in System:	V
Number of Satellites:	0
Planetary Gravity:	0.1g
Planetary Size:	
Diameter:	3138km
Equatorial Circumference:	4000km
Total Surface Area:	51,000,000sq km
Percent Land Mass:	20%
Total Land Area:	10,200,000
Planetary Conditions:	
Length of Day:	252 hours
Atmospheric Density:	Thick
General Climate:	Arctic
Mineral Content:	
Normal Metals:	30%
Radioactives:	Trace
Gemstones:	Trace
Industrial Crystals:	10%
Special Minerals:	Trace
Cultural Data	
Dominant Life Form:	Human
Technological/	
Sociopolitical Index:	999999-88
Planetary Trade Profile:	DDDDDDDD/B (D)



Europa has fascinated scientists for centuries. It is the smoothest planet in the Sol system composed mostly of a water ice surface with a few scattered islands. Europa's atmosphere has a heavy oxygen content. Rumors of intelligent life and underwater cities abounded for years until the late 21st century when only microbial life was discovered. An unusual lichen moss found on the rocky islands is highly prized when distilled and fermented. European Vodka fetches over 300 Cr per half liter. Although a breathable atmosphere is in place on Europa its enormous distance from the sun made early terra forming projects unsuccessful. In 2125 massive solar mirrors were placed in orbit over the planet to radiate intensified solar heat on the planets surface, insufficient to completely melt the ice but sufficient to raise the temperature from -235 degrees F to 28 degrees F. Europa is home to 750 million inhabitants many of them moon or asteroid miners. The rest work the Star Fleet Europa Shipyard which constructs close to 60 small warp capable craft per year. Europa also hosts the quadrennial Sol Extreme Winter Sports games. The very low gravity makes for exciting competition. The majority of the population lives in subsurface cities but close to 8 million people live on the surface in the capital city of Callisto. Europa is a strategic defensive position in the Sol system.