



# The Sakira System (0101 Ran-Dhomn A)

Primary	0	1	2	5
	0.24 AU	0.38 AU	0.64 AU	3.28 AU
An unnamed star	Large Gas Giant	Sakira	Large Gas Giant	Planetoids
K4 V	Size: Q	C444264-8	Size: Q	Y000154-8
	Rad world Y856000-0	Hospitable Y140111-5	Ice world Y864013-5 Rad world Y640000-0 Ice world Y767003-5 Big world YAE8114-4 Rad world Y99A000-0	

Base Orbit	Decimal Orbit	Orbital Distance	Name	Content Type	UWP	TCs and Remarks	Albedo	Greenhouse Multiplier	Average Temperature
Primary				Star	K4 V	Radii (Sol): 0.6336 Mass (Sol): 0.621 Luminosity (Sol): 0.148			
0	0.2	0.24 AU		Large Gas Giant	Size: Q	Size: Q			
	que	9049911 km		Rad world	Y856000-0	Ga Ba Sa Lk	0.29	1.05	80
1	0.9	0.38 AU	Sakira	Hospitable	C444264-8	Lo Tz Re	0.24	1.05	27
	eye	74288 km		Hospitable	Y140111-5	De Lo Po Sa Lk	0.19	1.05	47
2	1.8	0.64 AU		Large Gas Giant	Size: Q	Size: Q			
	bee	123141 km		Ice world	Y864013-5	Fr Sa Lk	0.25	1.1	-34
	dee	246282 km		Rad world	Y640000-0	De He Ba Po Sa Lk	0.2	1.05	-29
	aitch	615704 km		Ice world	Y767003-5	Ga Fr Sa Lk	0.44	1.1	-94
	ell	3078521 km		Big world	YAE8114-4	Lo Sa Lk	0.28	1.1	-43
	ess	15392606 km		Rad world	Y99A000-0	Wa Ba Fr Sa	0.58	1.15	-133
5	5.2	3.28 AU		Planetoids	Y000154-8	As Lo	0.28	1	-181

World Name

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Orbit	que
Orbital Distance	9049911 km
Diameter	12719 km
Jump Point distance	52255615 km
Time to Jump Point at ...	1G: 28h 25m 33s; 2G: 20h 6m 0s; 3G: 16h 24m 42s; 4G: 14h 12m 46s; 5G: 12h 42m 44s; 6G: 11h 36m 17s;
Density Type	Molten Core
Density	1.04 Earth
Mass	1.04 Earth
Surface Gravity (G)	1.04 G
Rotation Period	3327 hours 4 minutes 12 seconds
Orbital Period	4 Lunar months 26 days 15 hours 4 minutes 19 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.6Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix
Albedo	0.29
Greenhouse	1.05
Base Surface Temperature	80°C
Base Daytime temperature	610°C
Base Nighttime temperature	-26°C
Summer temperature increase	22°C
Winter temperature decrease	37°C
Upper Temperature Limit	610°C
Lower Temperature Limit	-26°C
Hydrographic Percentage	61%
Surface Liquid Composition	Water
Native Life	No
Native Intelligent Life	Extinct Natives
	Stress factor is 12
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 8 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y



Port Facilities	The spaceport is type Y - None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 8,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is thin - breathable without protection.
Population Digit Explanation	0 - population is in the order of $10^0$ .
Population Multiplier	0
Total Population Calculation	$0 = 0 \times 10^0$
World Government Type	This world has government type 0 (No Government Structure). Family bonds predominate
World Government Detail	No further detail available.
Law Level Digit	0
Law Level explanation	The law level of 0 means that there are no prohibitions (no law).
Technology Level Digit	0
Technology Level explanation	The overall Technology Level (TL) of this world is 0. In the Traveller Universe, this is equivalent to approximately Primitive, Stone Age. The latest energy in use might include Personal Effort, Fire. Society has evolved to include Tribe, clan. Typical living environments include Natural Crude Shelters. The latest communication devices used by the citizenry are Personal Senses Messengers. Transport has advanced to Walking. The latest thing in medicine is Herbal Medicine, Mystical Therapy. Science is developing None, and the latest local technology includes None. The latest available computer is Counting. The fastest speed is done by Walking, equivalent to Speed 1 (5 kph). Commonly used personal weapons include Clubs, rocks. Heavier military grade weapons at this technology level include None. Space travel is accomplished by Stargazing. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.
World Name	Sakira
Orbit	0.9
Orbital Distance	0.38 AU
Diameter	5943 km



Jump Point distance	31311913 km
Time to Jump Point at ...	1G: 22h 0m 14s; 2G: 15h 33m 33s; 3G: 12h 42m 14s; 4G: 11h 0m 7s; 5G: 9h 50m 25s; 6G: 8h 58m 59s;
Density Type	Molten Core
Density	0.9 Earth
Mass	0.113 Earth
Surface Gravity (G)	0.45 G
Rotation Period	2601 hours 43 minutes 11 seconds
Orbital Period	108 days 9 hours 43 minutes 12 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.5Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix with a taint caused by Pollutants
Albedo	0.24
Greenhouse	1.05
Base Surface Temperature	27°C
Base Daytime temperature	477°C
Base Nighttime temperature	-63°C
Summer temperature increase	0°C
Winter temperature decrease	0°C
Upper Temperature Limit	477°C
Lower Temperature Limit	-63°C
Hydrographic Percentage	39%
Surface Liquid Composition	Water
Native Life	Yes
Native Intelligent Life	Transients
Seismic Stress	Stress factor is 3 Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < -1 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	C
Port Facilities	The starport is type C - Routine. There is a downport, and no highport in orbit. The port has no shipyards and cannot build ships. Visiting ships can receive major repairs at this port. Fuels the port can supply include unrefined hydrogen.
Size UWP Digit Explanation	Approximately 4,000 miles diameter



Atmosphere UWP Digit	
Explanation	The atmosphere is thin but tainted - breathable with a filter mask.
Population Digit	2
Explanation	2 - population is in the order of $10^2$ .
Population Multiplier	7
Total Population Calculation	$700 = 7 \times 10^2$
World Government Type	This world has government type 6 (Captive Government / Colony). Rule by an externally imposed leadership
World Government Detail	No further detail available.
Law Level Digit	4
Law Level explanation	The law level of 4 means that laser and beam weapons are prohibited (moderate law).
Technology Level Digit	8
Technology Level explanation	The overall Technology Level (TL) of this world is 8. In the Traveller Universe, this is equivalent to approximately 2000 CE. The latest energy in use might include renewables. Society has evolved to include superpowers. Typical living environments include suburbs. The latest communication devices used by the citizenry are personal comms. Transport has advanced to rockets to orbit. The latest thing in medicine is organ transplants and slow drug. Science is developing photonics, and the latest local technology includes photonics. The latest available computer is Model/2. The fastest speed is done by rockets to orbit, equivalent to Speed 10 (1000 kph). Commonly used personal weapons include grenade launcher, assault rifle. Heavier military grade weapons at this technology level include autocannon, multiple missile launchers, RAM grenades. Space travel is accomplished by rockets, ion engine. The latest weapon in space is the mining laser, commcaster, and space defenses are None. Space sensors used at this technology level are jammer, communicator, while world sensors used by starships now include mass sensor.
World Name	
Orbit	eye
Orbital Distance	74288 km
Diameter	1636 km
Jump Point distance	31311913 km
Time to Jump Point at ...	1G: 22h 0m 14s; 2G: 15h 33m 33s; 3G: 12h 42m 14s; 4G: 11h 0m 7s; 5G: 9h 50m 25s; 6G: 8h 58m 59s;



Density Type	Molten Core
Density	0.98 Earth
Mass	0.00191 Earth
Surface Gravity (G)	0.12 G
Rotation Period	159 hours 55 minutes 48 seconds
Orbital Period	6 days 15 hours 56 minutes 9 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.48Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix with a taint caused by Low Oxygen
Albedo	0.19
Greenhouse	1.05
Base Surface Temperature	47°C
Base Daytime temperature	95°C
Base Nighttime temperature	-49°C
Summer temperature increase	21°C
Winter temperature decrease	35°C
Upper Temperature Limit	527°C
Lower Temperature Limit	-49°C
Hydrographic Percentage	2%
Surface Liquid Composition	Water
Native Life	Yes
Native Intelligent Life	Transients
Seismic Stress	Stress factor is 6 Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 2 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y - None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 1,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is thin but tainted - breathable with a filter mask.
Population Digit Explanation	1 - population is in the order of 10 <sup>1</sup> .



Population Multiplier	0
Total Population Calculation	$0 = 0 \times 10^1$
World Government Type	This world has government type 1 (Company / Corporation). Rule by a managerial elite
World Government Detail	No further detail available.
Law Level Digit	1
Law Level explanation	The law level of 1 means that WMD and Psi weapons are prohibited (low law).
Technology Level Digit	5
Technology Level explanation	The overall Technology Level (TL) of this world is 5. In the Traveller Universe, this is equivalent to approximately Rise of Petrochemicals 1930 CE. The latest energy in use might include Oil, petrochemicals. Society has evolved to include dictators. Typical living environments include skyscrapers. The latest communication devices used by the citizenry are broadcast sound, sound recording. Transport has advanced to groundcars. The latest thing in medicine is internal imaging. Science is developing polymers, and the latest local technology includes electronics. The latest available computer is electric calculators. The fastest speed is done by ground cars, propellor aircraft, equivalent to Speed 7 (300 kph). Commonly used personal weapons include rifle, machinegun. Heavier military grade weapons at this technology level include artillery. Space travel is accomplished by rockets. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.
World Name	
Orbit	bee
Orbital Distance	123141 km
Diameter	12706 km
Jump Point distance	9728127 km
Time to Jump Point at ...	1G: 12h 15m 53s; 2G: 8h 40m 21s; 3G: 7h 4m 51s; 4G: 6h 7m 56s; 5G: 5h 29m 6s; 6G: 5h 0m 25s;
Density Type	Icy Body
Density	0.28 Earth
Mass	0.28 Earth
Surface Gravity (G)	0.28 G
Rotation Period	6 hours 2 minutes 24 seconds

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Orbital Period	0 days 6 hours 2 minutes 52 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.95Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix
Albedo	0.25
Greenhouse	1.1
Base Surface Temperature	-34°C
Base Daytime temperature	-32°C
Base Nighttime temperature	-37°C
Summer temperature increase	16°C
Winter temperature decrease	26°C
Upper Temperature Limit	564°C
Lower Temperature Limit	-70°C
Hydrographic Percentage	37%
Surface Liquid Composition	Water
Native Life	Yes
Native Intelligent Life	Catastrophic Extinct Natives
	Stress factor is 771
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 767 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y - None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 8,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is standard - breathable without protection
Population Digit Explanation	0 - population is in the order of 10 <sup>0</sup> .
Population Multiplier	0
Total Population Calculation	0 = 0 × 10 <sup>0</sup>
World Government Type	This world has government type 1 (Company / Corporation). Rule by a managerial elite
World Government Detail	No further detail available.
Law Level Digit	3





Law Level explanation

The law level of 3 means that acid, fire and gas weapons are prohibited (low law).

Technology Level Digit

5

Technology Level explanation

The overall Technology Level (TL) of this world is 5. In the Traveller Universe, this is equivalent to approximately Rise of Petrochemicals 1930 CE. The latest energy in use might include Oil, petrochemicals. Society has evolved to include dictators. Typical living environments include skyscrapers. The latest communication devices used by the citizenry are broadcast sound, sound recording. Transport has advanced to groundcars. The latest thing in medicine is internal imaging. Science is developing polymers, and the latest local technology includes electronics. The latest available computer is electric calculators. The fastest speed is done by ground cars, propellor aircraft, equivalent to Speed 7 (300 kph). Commonly used personal weapons include rifle, machinegun. Heavier military grade weapons at this technology level include artillery. Space travel is accomplished by rockets. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

World Name

Orbit

dee

Orbital Distance

246282 km

Diameter

9757 km

Jump Point distance

9604986 km

Time to Jump Point at ...

1G: 12h 11m 13s; 2G: 8h 37m 2s; 3G: 7h 2m 10s; 4G: 6h 5m 36s; 5G: 5h 27m 0s; 6G: 4h 58m 31s;

Density Type

Rocky Body

Density

0.74 Earth

Mass

0.312 Earth

Surface Gravity (G)

0.55 G

Rotation Period

16 hours 48 minutes 0 seconds

Orbital Period

0 days 16 hours 48 minutes 0 seconds

Axial Tilt

0

Surface Atmospheric Pressure

0.48Atm

Atmosphere Composition

Standard Oxygen / Nitrogen Mix with a taint caused by Pollutants

Albedo

0.2

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Greenhouse	1.05
Base Surface Temperature	-29°C
Base Daytime temperature	-24°C
Base Nighttime temperature	-54°C
Summer temperature increase	16°C
Winter temperature decrease	26°C
Upper Temperature Limit	337°C
Lower Temperature Limit	-102°C
Hydrographic Percentage	1%
Surface Liquid Composition	Water
Native Life	No
Native Intelligent Life	Extinct Natives
	Stress factor is 385
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 381 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y - None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 6,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is thin but tainted - breathable with a filter mask.
Population Digit Explanation	0 - population is in the order of $10^0$ .
Population Multiplier	0
Total Population Calculation	$0 = 0 \times 10^0$
World Government Type	This world has government type 0 (No Government Structure). Family bonds predominate
World Government Detail	No further detail available.
Law Level Digit	0
Law Level explanation	The law level of 0 means that there are no prohibitions (no law).
Technology Level Digit	0

## Technology Level explanation

The overall Technology Level (TL) of this world is 0. In the Traveller Universe, this is equivalent to approximately Primitive, Stone Age. The latest energy in use might include Personal Effort, Fire. Society has evolved to include Tribe, clan. Typical living environments include Natural Crude Shelters. The latest communication devices used by the citizenry are Personal Senses Messengers. Transport has advanced to Walking. The latest thing in medicine is Herbal Medicine, Mystical Therapy. Science is developing None, and the latest local technology includes None. The latest available computer is Counting. The fastest speed is done by Walking, equivalent to Speed 1 (5 kph). Commonly used personal weapons include Clubs, rocks. Heavier military grade weapons at this technology level include None. Space travel is accomplished by Stargazing. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

## World Name

Orbit	aitch
Orbital Distance	615704 km
Diameter	11780 km
Jump Point distance	9235564 km
Time to Jump Point at ...	1G: 11h 57m 1s; 2G: 8h 27m 0s; 3G: 6h 53m 58s; 4G: 5h 58m 30s; 5G: 5h 20m 39s; 6G: 4h 52m 43s;
Density Type	Icy Body
Density	0.34 Earth
Mass	0.228 Earth
Surface Gravity (G)	0.3 G
Rotation Period	65 hours 10 minutes 48 seconds
Orbital Period	2 days 17 hours 11 minutes 2 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.95Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix
Albedo	0.44
Greenhouse	1.1
Base Surface Temperature	-94°C
Base Daytime temperature	-78°C
Base Nighttime temperature	-121°C



Summer temperature increase	9°C
Winter temperature decrease	15°C
Upper Temperature Limit	354°C
Lower Temperature Limit	-121°C
Hydrographic Percentage	66%
Surface Liquid Composition	Water
Native Life	Yes
Native Intelligent Life	Catastrophic Extinct Natives
Seismic Stress	Stress factor is 153 Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 149 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y - None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 7,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is standard - breathable without protection
Population Digit Explanation	0 - population is in the order of $10^0$ .
Population Multiplier	0
Total Population Calculation	$0 = 0 \times 10^0$
World Government Type	This world has government type 0 (No Government Structure). Family bonds predominate
World Government Detail	No further detail available.
Law Level Digit	3
Law Level explanation	The law level of 3 means that acid, fire and gas weapons are prohibited (low law).
Technology Level Digit	5



## Technology Level explanation

The overall Technology Level (TL) of this world is 5. In the Traveller Universe, this is equivalent to approximately Rise of Petrochemicals 1930 CE. The latest energy in use might include Oil, petrochemicals. Society has evolved to include dictators. Typical living environments include skyscrapers. The latest communication devices used by the citizenry are broadcast sound, sound recording. Transport has advanced to groundcars. The latest thing in medicine is internal imaging. Science is developing polymers, and the latest local technology includes electronics. The latest available computer is electric calculators. The fastest speed is done by ground cars, propellor aircraft, equivalent to Speed 7 (300 kph). Commonly used personal weapons include rifle, machinegun. Heavier military grade weapons at this technology level include artillery. Space travel is accomplished by rockets. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

World Name	
Orbit	ell
Orbital Distance	3078521 km
Diameter	16424 km
Jump Point distance	6772747 km
Time to Jump Point at ...	1G: 10h 14m 1s; 2G: 7h 14m 10s; 3G: 5h 54m 30s; 4G: 5h 7m 0s; 5G: 4h 34m 35s; 6G: 4h 10m 40s;
Density Type	Rocky Body
Density	0.64 Earth
Mass	1.25 Earth
Surface Gravity (G)	0.8 G
Rotation Period	729 hours 7 minutes 12 seconds
Orbital Period	30 days 9 hours 7 minutes 11 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.23Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix
Albedo	0.28
Greenhouse	1.1
Base Surface Temperature	-43°C
Base Daytime temperature	141°C



Base Nighttime temperature	-158°C
Summer temperature increase	11°C
Winter temperature decrease	18°C
Upper Temperature Limit	141°C
Lower Temperature Limit	-158°C
Hydrographic Percentage	77%
Surface Liquid Composition	Water
Native Life	No
Native Intelligent Life	Transients
	Stress factor is 31
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 27 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y – None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 10,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is thin but low – breathable only at very low (below sea level) altitudes.
Population Digit Explanation	1 – population is in the order of 10 <sup>1</sup> .
Population Multiplier	0
Total Population Calculation	0 = 0 × 10 <sup>1</sup>
World Government Type	This world has government type 1 (Company / Corporation). Rule by a managerial elite
World Government Detail	No further detail available.
Law Level Digit	4
Law Level explanation	The law level of 4 means that laser and beam weapons are prohibited (moderate law).
Technology Level Digit	4



## Technology Level explanation

The overall Technology Level (TL) of this world is 4. In the Traveller Universe, this is equivalent to approximately Mechanization 1900 CE. The latest energy in use might include Electricity. Society has evolved to include democracies. Typical living environments include skyscrapers. The latest communication devices used by the citizenry are sound by wire, image capture. Transport has advanced to railroads. The latest thing in medicine is antiseptics and anesthetics. Science is developing medical, and the latest local technology includes mechanical. The latest available computer is analog computers. The fastest speed is done by railroads, equivalent to Speed 6 (100 kph). Commonly used personal weapons include cartridges. Heavier military grade weapons at this technology level include mortars. Space travel is accomplished by Stargazing. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

World Name	
Orbit	ess
Orbital Distance	15392606 km
Diameter	14862 km
Jump Point distance	1486200 km
Time to Jump Point at ...	1G: 4h 47m 37s; 2G: 3h 23m 23s; 3G: 2h 46m 3s; 4G: 2h 23m 48s; 5G: 2h 8m 37s; 6G: 1h 57m 25s;
Density Type	Molten Core
Density	0.94 Earth
Mass	1.338 Earth
Surface Gravity (G)	1.06 G
Rotation Period	35 hours 6 minutes 0 seconds
Orbital Period	12 Lunar months 3 days 12 hours 40 minutes 19 seconds
Axial Tilt	0
Surface Atmospheric Pressure	250Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix with a taint caused by Sulfur Compounds
Albedo	0.58
Greenhouse	1.15
Base Surface Temperature	-133°C
Base Daytime temperature	-129°C

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Base Nighttime temperature	-137°C
Summer temperature increase	26°C
Winter temperature decrease	44°C
Upper Temperature Limit	567°C
Lower Temperature Limit	-140°C
Hydrographic Percentage	100%
Surface Liquid Composition	Water
Native Life	Yes
Native Intelligent Life	Extinct Natives
	Stress factor is 7
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 3 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y – None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 9,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is dense but tainted – breathable with a filter mask.
Population Digit Explanation	0 – population is in the order of $10^0$ .
Population Multiplier	0
Total Population Calculation	$0 = 0 \times 10^0$
World Government Type	This world has government type 0 (No Government Structure). Family bonds predominate
World Government Detail	No further detail available.
Law Level Digit	0
Law Level explanation	The law level of 0 means that there are no prohibitions (no law).
Technology Level Digit	0





## Technology Level explanation

The overall Technology Level (TL) of this world is 0. In the Traveller Universe, this is equivalent to approximately Primitive, Stone Age. The latest energy in use might include Personal Effort, Fire. Society has evolved to include Tribe, clan. Typical living environments include Natural Crude Shelters. The latest communication devices used by the citizenry are Personal Senses Messengers. Transport has advanced to Walking. The latest thing in medicine is Herbal Medicine, Mystical Therapy. Science is developing None, and the latest local technology includes None. The latest available computer is Counting. The fastest speed is done by Walking, equivalent to Speed 1 (5 kph). Commonly used personal weapons include Clubs, rocks. Heavier military grade weapons at this technology level include None. Space travel is accomplished by Stargazing. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

World Name	
Orbit	5.2
Orbital Distance	3.28 AU
Diameter	351 km
Jump Point distance	35100 km
Time to Jump Point at ...	1G: 44m 12s; 2G: 31m 15s; 3G: 25m 31s; 4G: 22m 6s; 5G: 19m 46s; 6G: 18m 2s;
Density Type	Icy Body
Density	0.4 Earth
Mass	0.00001 Earth
Surface Gravity (G)	0.0132 G
Rotation Period	29 hours 10 minutes 47 seconds
Orbital Period	7 years 196 days 8 hours 52 minutes 48 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0Atm
Atmosphere Composition	None
Albedo	0.28
Greenhouse	1
Base Surface Temperature	-181°C
Base Daytime temperature	-172°C
Base Nighttime temperature	-255°C



Summer temperature increase	26°C
Winter temperature decrease	44°C
Upper Temperature Limit	-172°C
Lower Temperature Limit	-255°C
Hydrographic Percentage	2%
Surface Liquid Composition	Water
Native Life	No
Native Intelligent Life	Transients
	Stress factor is 1
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < -3 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y - None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Planetoids, Asteroids or an object less than 1,000 miles in diameter
Atmosphere UWP Digit Explanation	The atmosphere is vacuum - a vacc suit is required.
Population Digit Explanation	1 - population is in the order of $10^1$ .
Population Multiplier	0
Total Population Calculation	$0 = 0 \times 10^1$
World Government Type	This world has government type 5 (Feudal Technocracy). Governmental relationships based on mutually beneficial technical activities
World Government Detail	No further detail available.
Law Level Digit	4
Law Level explanation	The law level of 4 means that laser and beam weapons are prohibited (moderate law).
Technology Level Digit	8



Technology Level explanation

The overall Technology Level (TL) of this world is 8. In the Traveller Universe, this is equivalent to approximately 2000 CE. The latest energy in use might include renewables. Society has evolved to include superpowers. Typical living environments include suburbs. The latest communication devices used by the citizenry are personal comms. Transport has advanced to rockets to orbit. The latest thing in medicine is organ transplants and slow drug. Science is developing photonics, and the latest local technology includes photonics. The latest available computer is Model/2. The fastest speed is done by rockets to orbit, equivalent to Speed 10 (1000 kph). Commonly used personal weapons include grenade launcher, assault rifle. Heavier military grade weapons at this technology level include autocannon, multiple missile launchers, RAM grenades. Space travel is accomplished by rockets, ion engine. The latest weapon in space is the mining laser, commcaster, and space defenses are None. Space sensors used at this technology level are jammer, communicator, while world sensors used by starships now include mass sensor.

World Name

Orbit	que
Orbital Distance	9049911 km
Diameter	12719 km
Jump Point distance	52255615 km
Time to Jump Point at ...	1G: 28h 25m 33s; 2G: 20h 6m 0s; 3G: 16h 24m 42s; 4G: 14h 12m 46s; 5G: 12h 42m 44s; 6G: 11h 36m 17s;
Density Type	Molten Core
Density	1.04 Earth
Mass	1.04 Earth
Surface Gravity (G)	1.04 G
Rotation Period	3327 hours 4 minutes 12 seconds
Orbital Period	4 Lunar months 26 days 15 hours 4 minutes 19 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.6Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix
Albedo	0.29
Greenhouse	1.05
Base Surface Temperature	80°C

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Base Daytime temperature	610°C
Base Nighttime temperature	-26°C
Summer temperature increase	22°C
Winter temperature decrease	37°C
Upper Temperature Limit	610°C
Lower Temperature Limit	-26°C
Hydrographic Percentage	61%
Surface Liquid Composition	Water
Native Life	No
Native Intelligent Life	Extinct Natives
	Stress factor is 12
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 8 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y - None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 8,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is thin - breathable without protection.
Population Digit Explanation	0 - population is in the order of $10^0$ .
Population Multiplier	0
Total Population Calculation	$0 = 0 \times 10^0$
World Government Type	This world has government type 0 (No Government Structure). Family bonds predominate
World Government Detail	No further detail available.
Law Level Digit	0
Law Level explanation	The law level of 0 means that there are no prohibitions (no law).
Technology Level Digit	0

## Technology Level explanation

The overall Technology Level (TL) of this world is 0. In the Traveller Universe, this is equivalent to approximately Primitive, Stone Age. The latest energy in use might include Personal Effort, Fire. Society has evolved to include Tribe, clan. Typical living environments include Natural Crude Shelters. The latest communication devices used by the citizenry are Personal Senses Messengers. Transport has advanced to Walking. The latest thing in medicine is Herbal Medicine, Mystical Therapy. Science is developing None, and the latest local technology includes None. The latest available computer is Counting. The fastest speed is done by Walking, equivalent to Speed 1 (5 kph). Commonly used personal weapons include Clubs, rocks. Heavier military grade weapons at this technology level include None. Space travel is accomplished by Stargazing. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

World Name	Sakira
Orbit	0.9
Orbital Distance	0.38 AU
Diameter	5943 km
Jump Point distance	31311913 km
Time to Jump Point at ...	1G: 22h 0m 14s; 2G: 15h 33m 33s; 3G: 12h 42m 14s; 4G: 11h 0m 7s; 5G: 9h 50m 25s; 6G: 8h 58m 59s;
Density Type	Molten Core
Density	0.9 Earth
Mass	0.113 Earth
Surface Gravity (G)	0.45 G
Rotation Period	2601 hours 43 minutes 11 seconds
Orbital Period	108 days 9 hours 43 minutes 12 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.5Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix with a taint caused by Pollutants
Albedo	0.24
Greenhouse	1.05
Base Surface Temperature	27°C
Base Daytime temperature	477°C

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Base Nighttime temperature	-63°C
Summer temperature increase	0°C
Winter temperature decrease	0°C
Upper Temperature Limit	477°C
Lower Temperature Limit	-63°C
Hydrographic Percentage	39%
Surface Liquid Composition	Water
Native Life	Yes
Native Intelligent Life	Transients
	Stress factor is 3
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < -1 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	C
Port Facilities	The starport is type C - Routine. There is a downport, and no highport in orbit. The port has no shipyards and cannot build ships. Visiting ships can receive major repairs at this port. Fuels the port can supply include unrefined hydrogen.
Size UWP Digit Explanation	Approximately 4,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is thin but tainted - breathable with a filter mask.
Population Digit Explanation	2 - population is in the order of $10^2$ .
Population Multiplier	7
Total Population Calculation	$700 = 7 \times 10^2$
World Government Type	This world has government type 6 (Captive Government / Colony). Rule by an externally imposed leadership
World Government Detail	No further detail available.
Law Level Digit	4
Law Level explanation	The law level of 4 means that laser and beam weapons are prohibited (moderate law).
Technology Level Digit	8



Technology Level explanation

The overall Technology Level (TL) of this world is 8. In the Traveller Universe, this is equivalent to approximately 2000 CE. The latest energy in use might include renewables. Society has evolved to include superpowers. Typical living environments include suburbs. The latest communication devices used by the citizenry are personal comms. Transport has advanced to rockets to orbit. The latest thing in medicine is organ transplants and slow drug. Science is developing photonics, and the latest local technology includes photonics. The latest available computer is Model/2. The fastest speed is done by rockets to orbit, equivalent to Speed 10 (1000 kph). Commonly used personal weapons include grenade launcher, assault rifle. Heavier military grade weapons at this technology level include autocannon, multiple missile launchers, RAM grenades. Space travel is accomplished by rockets, ion engine. The latest weapon in space is the mining laser, commcaster, and space defenses are None. Space sensors used at this technology level are jammer, communicator, while world sensors used by starships now include mass sensor.

World Name

Orbit	eye
Orbital Distance	74288 km
Diameter	1636 km
Jump Point distance	31311913 km
Time to Jump Point at ...	1G: 22h 0m 14s; 2G: 15h 33m 33s; 3G: 12h 42m 14s; 4G: 11h 0m 7s; 5G: 9h 50m 25s; 6G: 8h 58m 59s;
Density Type	Molten Core
Density	0.98 Earth
Mass	0.00191 Earth
Surface Gravity (G)	0.12 G
Rotation Period	159 hours 55 minutes 48 seconds
Orbital Period	6 days 15 hours 56 minutes 9 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.48Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix with a taint caused by Low Oxygen
Albedo	0.19
Greenhouse	1.05



Base Surface Temperature	47°C
Base Daytime temperature	95°C
Base Nighttime temperature	-49°C
Summer temperature increase	21°C
Winter temperature decrease	35°C
Upper Temperature Limit	527°C
Lower Temperature Limit	-49°C
Hydrographic Percentage	2%
Surface Liquid Composition	Water
Native Life	Yes
Native Intelligent Life	Transients
Seismic Stress	Stress factor is 6 Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 2 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y – None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 1,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is thin but tainted – breathable with a filter mask.
Population Digit Explanation	1 – population is in the order of 10 <sup>1</sup> .
Population Multiplier	0
Total Population Calculation	0 = 0 × 10 <sup>1</sup>
World Government Type	This world has government type 1 (Company / Corporation). Rule by a managerial elite
World Government Detail	No further detail available.
Law Level Digit	1
Law Level explanation	The law level of 1 means that WMD and Psi weapons are prohibited (low law).
Technology Level Digit	5





Technology Level explanation

The overall Technology Level (TL) of this world is 5. In the Traveller Universe, this is equivalent to approximately Rise of Petrochemicals 1930 CE. The latest energy in use might include Oil, petrochemicals. Society has evolved to include dictators. Typical living environments include skyscrapers. The latest communication devices used by the citizenry are broadcast sound, sound recording. Transport has advanced to groundcars. The latest thing in medicine is internal imaging. Science is developing polymers, and the latest local technology includes electronics. The latest available computer is electric calculators. The fastest speed is done by ground cars, propellor aircraft, equivalent to Speed 7 (300 kph). Commonly used personal weapons include rifle, machinegun. Heavier military grade weapons at this technology level include artillery. Space travel is accomplished by rockets. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

World Name	
Orbit	bee
Orbital Distance	123141 km
Diameter	12706 km
Jump Point distance	9728127 km
Time to Jump Point at ...	1G: 12h 15m 53s; 2G: 8h 40m 21s; 3G: 7h 4m 51s; 4G: 6h 7m 56s; 5G: 5h 29m 6s; 6G: 5h 0m 25s;
Density Type	Icy Body
Density	0.28 Earth
Mass	0.28 Earth
Surface Gravity (G)	0.28 G
Rotation Period	6 hours 2 minutes 24 seconds
Orbital Period	0 days 6 hours 2 minutes 52 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.95Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix
Albedo	0.25
Greenhouse	1.1
Base Surface Temperature	-34°C
Base Daytime temperature	-32°C



Base Nighttime temperature	-37°C
Summer temperature increase	16°C
Winter temperature decrease	26°C
Upper Temperature Limit	564°C
Lower Temperature Limit	-70°C
Hydrographic Percentage	37%
Surface Liquid Composition	Water
Native Life	Yes
Native Intelligent Life	Catastrophic Extinct Natives
	Stress factor is 771
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 767 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y – None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 8,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is standard – breathable without protection
Population Digit Explanation	0 – population is in the order of $10^0$ .
Population Multiplier	0
Total Population Calculation	$0 = 0 \times 10^0$
World Government Type	This world has government type 1 (Company / Corporation). Rule by a managerial elite
World Government Detail	No further detail available.
Law Level Digit	3
Law Level explanation	The law level of 3 means that acid, fire and gas weapons are prohibited (low law).
Technology Level Digit	5

## Technology Level explanation

The overall Technology Level (TL) of this world is 5. In the Traveller Universe, this is equivalent to approximately Rise of Petrochemicals 1930 CE. The latest energy in use might include Oil, petrochemicals. Society has evolved to include dictators. Typical living environments include skyscrapers. The latest communication devices used by the citizenry are broadcast sound, sound recording. Transport has advanced to groundcars. The latest thing in medicine is internal imaging. Science is developing polymers, and the latest local technology includes electronics. The latest available computer is electric calculators. The fastest speed is done by ground cars, propellor aircraft, equivalent to Speed 7 (300 kph). Commonly used personal weapons include rifle, machinegun. Heavier military grade weapons at this technology level include artillery. Space travel is accomplished by rockets. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

World Name	
Orbit	dee
Orbital Distance	246282 km
Diameter	9757 km
Jump Point distance	9604986 km
Time to Jump Point at ...	1G: 12h 11m 13s; 2G: 8h 37m 2s; 3G: 7h 2m 10s; 4G: 6h 5m 36s; 5G: 5h 27m 0s; 6G: 4h 58m 31s;
Density Type	Rocky Body
Density	0.74 Earth
Mass	0.312 Earth
Surface Gravity (G)	0.55 G
Rotation Period	16 hours 48 minutes 0 seconds
Orbital Period	0 days 16 hours 48 minutes 0 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.48Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix with a taint caused by Pollutants
Albedo	0.2
Greenhouse	1.05
Base Surface Temperature	-29°C
Base Daytime temperature	-24°C

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Base Nighttime temperature	-54°C
Summer temperature increase	16°C
Winter temperature decrease	26°C
Upper Temperature Limit	337°C
Lower Temperature Limit	-102°C
Hydrographic Percentage	1%
Surface Liquid Composition	Water
Native Life	No
Native Intelligent Life	Extinct Natives
	Stress factor is 385
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 381 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y – None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 6,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is thin but tainted – breathable with a filter mask.
Population Digit Explanation	0 – population is in the order of $10^0$ .
Population Multiplier	0
Total Population Calculation	$0 = 0 \times 10^0$
World Government Type	This world has government type 0 (No Government Structure). Family bonds predominate
World Government Detail	No further detail available.
Law Level Digit	0
Law Level explanation	The law level of 0 means that there are no prohibitions (no law).
Technology Level Digit	0

## Technology Level explanation

The overall Technology Level (TL) of this world is 0. In the Traveller Universe, this is equivalent to approximately Primitive, Stone Age. The latest energy in use might include Personal Effort, Fire. Society has evolved to include Tribe, clan. Typical living environments include Natural Crude Shelters. The latest communication devices used by the citizenry are Personal Senses Messengers. Transport has advanced to Walking. The latest thing in medicine is Herbal Medicine, Mystical Therapy. Science is developing None, and the latest local technology includes None. The latest available computer is Counting. The fastest speed is done by Walking, equivalent to Speed 1 (5 kph). Commonly used personal weapons include Clubs, rocks. Heavier military grade weapons at this technology level include None. Space travel is accomplished by Stargazing. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

## World Name

Orbit	aitch
Orbital Distance	615704 km
Diameter	11780 km
Jump Point distance	9235564 km
Time to Jump Point at ...	1G: 11h 57m 1s; 2G: 8h 27m 0s; 3G: 6h 53m 58s; 4G: 5h 58m 30s; 5G: 5h 20m 39s; 6G: 4h 52m 43s;
Density Type	Icy Body
Density	0.34 Earth
Mass	0.228 Earth
Surface Gravity (G)	0.3 G
Rotation Period	65 hours 10 minutes 48 seconds
Orbital Period	2 days 17 hours 11 minutes 2 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.95Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix
Albedo	0.44
Greenhouse	1.1
Base Surface Temperature	-94°C
Base Daytime temperature	-78°C
Base Nighttime temperature	-121°C



Summer temperature increase	9°C
Winter temperature decrease	15°C
Upper Temperature Limit	354°C
Lower Temperature Limit	-121°C
Hydrographic Percentage	66%
Surface Liquid Composition	Water
Native Life	Yes
Native Intelligent Life	Catastrophic Extinct Natives
Seismic Stress	Stress factor is 153 Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 149 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y - None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 7,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is standard - breathable without protection
Population Digit Explanation	0 - population is in the order of $10^0$ .
Population Multiplier	0
Total Population Calculation	$0 = 0 \times 10^0$
World Government Type	This world has government type 0 (No Government Structure). Family bonds predominate
World Government Detail	No further detail available.
Law Level Digit	3
Law Level explanation	The law level of 3 means that acid, fire and gas weapons are prohibited (low law).
Technology Level Digit	5



## Technology Level explanation

The overall Technology Level (TL) of this world is 5. In the Traveller Universe, this is equivalent to approximately Rise of Petrochemicals 1930 CE. The latest energy in use might include Oil, petrochemicals. Society has evolved to include dictators. Typical living environments include skyscrapers. The latest communication devices used by the citizenry are broadcast sound, sound recording. Transport has advanced to groundcars. The latest thing in medicine is internal imaging. Science is developing polymers, and the latest local technology includes electronics. The latest available computer is electric calculators. The fastest speed is done by ground cars, propellor aircraft, equivalent to Speed 7 (300 kph). Commonly used personal weapons include rifle, machinegun. Heavier military grade weapons at this technology level include artillery. Space travel is accomplished by rockets. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

## World Name

Orbit	ell
Orbital Distance	3078521 km
Diameter	16424 km
Jump Point distance	6772747 km
Time to Jump Point at ...	1G: 10h 14m 1s; 2G: 7h 14m 10s; 3G: 5h 54m 30s; 4G: 5h 7m 0s; 5G: 4h 34m 35s; 6G: 4h 10m 40s;
Density Type	Rocky Body
Density	0.64 Earth
Mass	1.25 Earth
Surface Gravity (G)	0.8 G
Rotation Period	729 hours 7 minutes 12 seconds
Orbital Period	30 days 9 hours 7 minutes 11 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0.23Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix
Albedo	0.28
Greenhouse	1.1
Base Surface Temperature	-43°C
Base Daytime temperature	141°C



Base Nighttime temperature	-158°C
Summer temperature increase	11°C
Winter temperature decrease	18°C
Upper Temperature Limit	141°C
Lower Temperature Limit	-158°C
Hydrographic Percentage	77%
Surface Liquid Composition	Water
Native Life	No
Native Intelligent Life	Transients
	Stress factor is 31
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 27 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y – None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 10,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is thin but low – breathable only at very low (below sea level) altitudes.
Population Digit Explanation	1 – population is in the order of 10 <sup>1</sup> .
Population Multiplier	0
Total Population Calculation	0 = 0 × 10 <sup>1</sup>
World Government Type	This world has government type 1 (Company / Corporation). Rule by a managerial elite
World Government Detail	No further detail available.
Law Level Digit	4
Law Level explanation	The law level of 4 means that laser and beam weapons are prohibited (moderate law).
Technology Level Digit	4



Technology Level explanation

The overall Technology Level (TL) of this world is 4. In the Traveller Universe, this is equivalent to approximately Mechanization 1900 CE. The latest energy in use might include Electricity. Society has evolved to include democracies. Typical living environments include skyscrapers. The latest communication devices used by the citizenry are sound by wire, image capture. Transport has advanced to railroads. The latest thing in medicine is antiseptics and anesthetics. Science is developing medical, and the latest local technology includes mechanical. The latest available computer is analog computers. The fastest speed is done by railroads, equivalent to Speed 6 (100 kph). Commonly used personal weapons include cartridges. Heavier military grade weapons at this technology level include mortars. Space travel is accomplished by Stargazing. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

World Name	
Orbit	ess
Orbital Distance	15392606 km
Diameter	14862 km
Jump Point distance	1486200 km
Time to Jump Point at ...	1G: 4h 47m 37s; 2G: 3h 23m 23s; 3G: 2h 46m 3s; 4G: 2h 23m 48s; 5G: 2h 8m 37s; 6G: 1h 57m 25s;
Density Type	Molten Core
Density	0.94 Earth
Mass	1.338 Earth
Surface Gravity (G)	1.06 G
Rotation Period	35 hours 6 minutes 0 seconds
Orbital Period	12 Lunar months 3 days 12 hours 40 minutes 19 seconds
Axial Tilt	0
Surface Atmospheric Pressure	250Atm
Atmosphere Composition	Standard Oxygen / Nitrogen Mix with a taint caused by Sulfur Compounds
Albedo	0.58
Greenhouse	1.15
Base Surface Temperature	-133°C
Base Daytime temperature	-129°C

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Base Nighttime temperature	-137°C
Summer temperature increase	26°C
Winter temperature decrease	44°C
Upper Temperature Limit	567°C
Lower Temperature Limit	-140°C
Hydrographic Percentage	100%
Surface Liquid Composition	Water
Native Life	Yes
Native Intelligent Life	Extinct Natives
	Stress factor is 7
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < 3 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y – None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Approximately 9,000 miles diameter
Atmosphere UWP Digit Explanation	The atmosphere is dense but tainted – breathable with a filter mask.
Population Digit Explanation	0 – population is in the order of $10^0$ .
Population Multiplier	0
Total Population Calculation	$0 = 0 \times 10^0$
World Government Type	This world has government type 0 (No Government Structure). Family bonds predominate
World Government Detail	No further detail available.
Law Level Digit	0
Law Level explanation	The law level of 0 means that there are no prohibitions (no law).
Technology Level Digit	0

Technology Level explanation

The overall Technology Level (TL) of this world is 0. In the Traveller Universe, this is equivalent to approximately Primitive, Stone Age. The latest energy in use might include Personal Effort, Fire. Society has evolved to include Tribe, clan. Typical living environments include Natural Crude Shelters. The latest communication devices used by the citizenry are Personal Senses Messengers. Transport has advanced to Walking. The latest thing in medicine is Herbal Medicine, Mystical Therapy. Science is developing None, and the latest local technology includes None. The latest available computer is Counting. The fastest speed is done by Walking, equivalent to Speed 1 (5 kph). Commonly used personal weapons include Clubs, rocks. Heavier military grade weapons at this technology level include None. Space travel is accomplished by Stargazing. The latest weapon in space is the None, and space defenses are None. Space sensors used at this technology level are None, while world sensors used by starships now include None.

World Name	
Orbit	5.2
Orbital Distance	3.28 AU
Diameter	351 km
Jump Point distance	35100 km
Time to Jump Point at ...	1G: 44m 12s; 2G: 31m 15s; 3G: 25m 31s; 4G: 22m 6s; 5G: 19m 46s; 6G: 18m 2s;
Density Type	Icy Body
Density	0.4 Earth
Mass	0.00001 Earth
Surface Gravity (G)	0.0132 G
Rotation Period	29 hours 10 minutes 47 seconds
Orbital Period	7 years 196 days 8 hours 52 minutes 48 seconds
Axial Tilt	0
Surface Atmospheric Pressure	0Atm
Atmosphere Composition	None
Albedo	0.28
Greenhouse	1
Base Surface Temperature	-181°C
Base Daytime temperature	-172°C
Base Nighttime temperature	-255°C



Summer temperature increase	26°C
Winter temperature decrease	44°C
Upper Temperature Limit	-172°C
Lower Temperature Limit	-255°C
Hydrographic Percentage	2%
Surface Liquid Composition	Water
Native Life	No
Native Intelligent Life	Transients
	Stress factor is 1
Seismic Stress	Occurrence of a volcanic eruption or earthquake in a 24-hour period: Formidable (4D) < -3 <b>Note:</b> DM -2 if on a Volcano hex, DM -2 if on a fault line.
Port Class	Y
Port Facilities	The spaceport is type Y - None. There is no downport, and no highport in orbit. The port has shipyards capable of building No. Visiting ships can receive no repairs at this port. No fuel is available.
Size UWP Digit Explanation	Planetoids, Asteroids or an object less than 1,000 miles in diameter
Atmosphere UWP Digit Explanation	The atmosphere is vacuum - a vacc suit is required.
Population Digit Explanation	1 - population is in the order of 10 <sup>1</sup> .
Population Multiplier	0
Total Population Calculation	0 = 0 × 10 <sup>1</sup>
World Government Type	This world has government type 5 (Feudal Technocracy). Governmental relationships based on mutually beneficial technical activities
World Government Detail	No further detail available.
Law Level Digit	4
Law Level explanation	The law level of 4 means that laser and beam weapons are prohibited (moderate law).
Technology Level Digit	8



#### Technology Level explanation

The overall Technology Level (TL) of this world is 8. In the Traveller Universe, this is equivalent to approximately 2000 CE. The latest energy in use might include renewables. Society has evolved to include superpowers. Typical living environments include suburbs. The latest communication devices used by the citizenry are personal comms. Transport has advanced to rockets to orbit. The latest thing in medicine is organ transplants and slow drug. Science is developing photonics, and the latest local technology includes photonics. The latest available computer is Model/2. The fastest speed is done by rockets to orbit, equivalent to Speed 10 (1000 kph). Commonly used personal weapons include grenade launcher, assault rifle. Heavier military grade weapons at this technology level include autocannon, multiple missile launchers, RAM grenades. Space travel is accomplished by rockets, ion engine. The latest weapon in space is the mining laser, commcaster, and space defenses are None. Space sensors used at this technology level are jammer, communicator, while world sensors used by starships now include mass sensor.