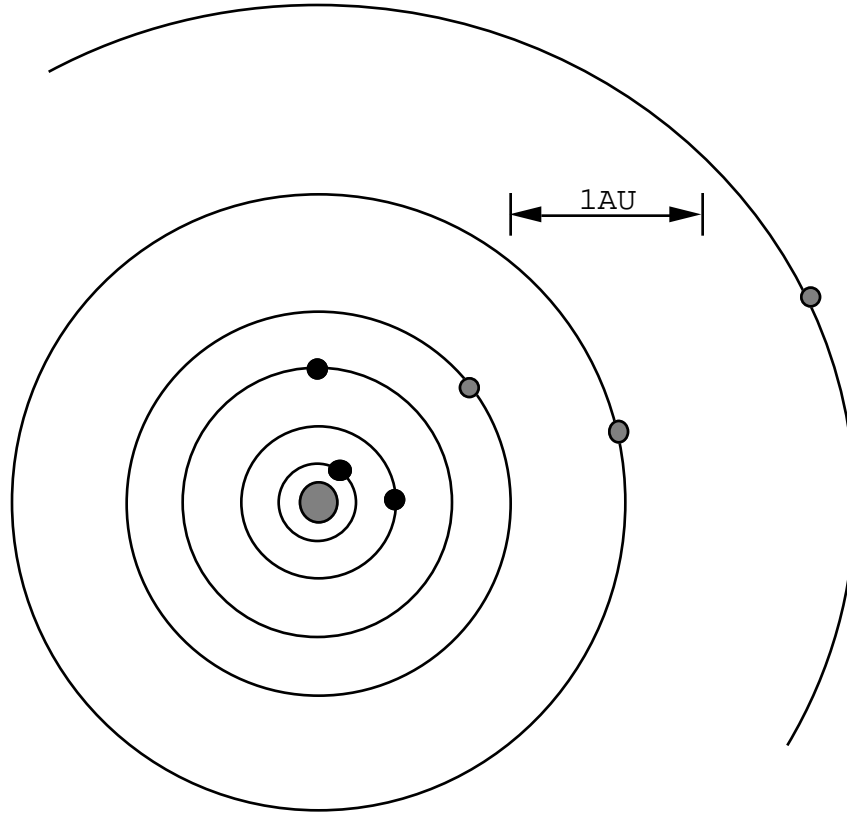


# Franne

X: 0.06      Y: 0.57      Z: 1.46      Class: G5      Size: 5      Magnitude: 6.65  
Habitable Orbit: 2

World and Satellite Data (Franne)		
0	.	YS00000-0 (YS00165-7)
1	.	G200000-0 (G200121-7)
2H	.	X532000-0 (E532432-7) (Havelnot)
	1	YR00000-0
3	.	SGG (Thadle)
	4	Y403000-0
	8	Y300000-0
4	.	LGG (Tonew)
	1	Y100000-0
	3	YR00000-0
	5	G510000-0 (G510131-7)
	8	Y300000-0
	11	Y100000-0
	12	F320000-0 (F320223-7) (Ancip - Reactivated)
	60	Y210000-0
5	.	SGG
8	.	Companion (dbref#9519 - Ta)

## Orbital Diagram



Thadle: UWP 70, Den=.28 (.96 yr rev)  
Tonew: UWP 210 (336,000km dia) Den=.28 G=7.35

# Ta

X: 0.06

Y: 0.57

Z: 1.46

Class: M0

Size: 5

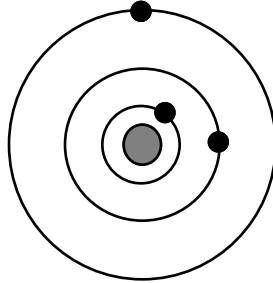
Magnitude: 7.66

Habitable Orbit: 0

## World and Satellite Data (Ta)

0H	.	YS00000-0
1	.	Y700000-0
2	.	Y100000-0
8	.	Companion (dbref#9519 - Franne)

## Orbital Diagram



# Havelnot

World:	UPP Code
Size	5
Atmosphere	3
Hydrographics	2
Orbit #	2

Star:	
Spectral Type	G5
Class	5
Stellar Mass	0.94

Atmospheric Taint:	None
Weather Factors:	0
Fossil Fuels?:	No
Radioactives?:	No

### Horizon

Viewpoint (meters)	Distance
1.5	5.01 km
2	5.78 km
3	7.08 km
10	12.93 km

Description	Actual Rating
Medium (8000km)	8,358.80 km
Vacuum (very thin)	0.369 ATM
Dry World (20%)	23.56 %

Density:	0.8
Mass:	0.2228 terra
Gravity:	0.52 G's
Orbital Period:	220.48 days
Rotational Period:	33.74 hours
Tidally Locked?:	No
Orbital Eccentricity:	0
Axial Tilt:	19 °
Rotation-Luminosity Factor:	1.08
Base Temperature:	49.93 °C
Max season increase:	11.40 °C
Max season decrease:	19.00 °C
Pos temp /hour day:	0.86 °C
Maximum day temp:	42.97 °C
Neg temp /hour night:	152.00 °C
Minimum night temp:	24.96 °C

Hex Row	Average Temp	Summer	Daytime	Winter	Night	Highest	Lowest
1	64.93	0.00	57.97	0.00	39.96	122.90	104.89
2	59.93	0.00	52.97	0.00	34.96	112.90	94.89
3	54.93	0.00	47.97	0.00	29.96	102.90	84.89
4	49.93	0.00	42.97	0.00	24.96	92.90	74.89
5	44.93	2.85	37.97	-4.75	19.96	85.75	60.14
6	39.93	5.70	32.97	-9.50	14.96	78.60	45.39
7	34.93	8.55	27.97	-14.25	9.96	71.45	30.64
8	29.93	11.40	22.97	-19.00	4.96	64.30	15.89
9	24.93	11.40	17.97	-19.00	-0.04	54.30	5.89
10	19.93	11.40	12.97	-19.00	-5.04	44.30	-4.11
11	14.93	11.40	7.97	-19.00	-10.04	34.30	-14.11

# Ancip

Ancip reactivated by Civil Service Bureaucracy on Luirodne (#582) Primarily processing plants for ores and radioactives. Originally also involved in mineral mining and creation.

World:	UPP Code
Size	3
Atmosphere	2
Hydrographics	0
Orbit #	4

Star:	
Spectral Type	G5
Class	5
Stellar Mass	0.94

Atmospheric Taint:	None
Weather Factors:	1
Fossil Fuels?:	No
Radioactives?:	Yes

### Horizon

Viewpoint (meters)	Distance
1.5	3.96 km
2	4.58 km
3	5.60 km
10	10.23 km

Description	Actual Rating
Small (Mercury; 4800km)	5,233.03 km
Vacuum (very thin; tainted)	0.382 ATM
Desert World (0%)	1.96 %

Density:	1.1
Mass:	0.0752 terra
Gravity:	0.45 G's
Orbital Period:	761.92 days
Rotational Period:	30.70 hours
Tidally Locked?:	No
Orbital Eccentricity:	0.05
Axial Tilt:	29 °
Rotation-Luminosity Factor:	0.71
Base Temperature:	-33.64 °C
Max season increase:	17.40 °C
Max season decrease:	29.00 °C
Pos temp /hour day:	0.57 °C
Maximum day temp:	-19.15 °C
Neg temp /hour night:	232.00 °C
Minimum night temp:	-16.82 °C

Hex Row	Average Temp	Summer	Daytime	Winter	Night	Highest	Lowest
1	-21.64	0.00	-11.40	0.00	-6.32	-33.04	-27.96
2	-25.64	0.00	-15.40	0.00	-10.32	-41.04	-35.96
3	-29.64	4.35	-19.40	-7.25	-14.32	-44.69	-51.21
4	-33.64	8.70	-23.40	-14.50	-18.32	-48.34	-66.46
5	-37.64	13.05	-27.40	-21.75	-22.32	-51.99	-81.71
6	-41.64	17.40	-31.40	-29.00	-26.32	-55.64	-96.96
7	-45.64	17.40	-35.40	-29.00	-30.32	-63.64	-104.96
8	-49.64	17.40	-39.40	-29.00	-34.32	-71.64	-112.96
9	-53.64	17.40	-43.40	-29.00	-38.32	-79.64	-120.96
10	-57.64	17.40	-47.40	-29.00	-42.32	-87.64	-128.96
11	-61.64	17.40	-51.40	-29.00	-46.32	-95.64	-136.96