

# Ariannis

X: 0.03      Y: -0.98  
Habitable Orbit: 6

Z: 1.52

Class: F5

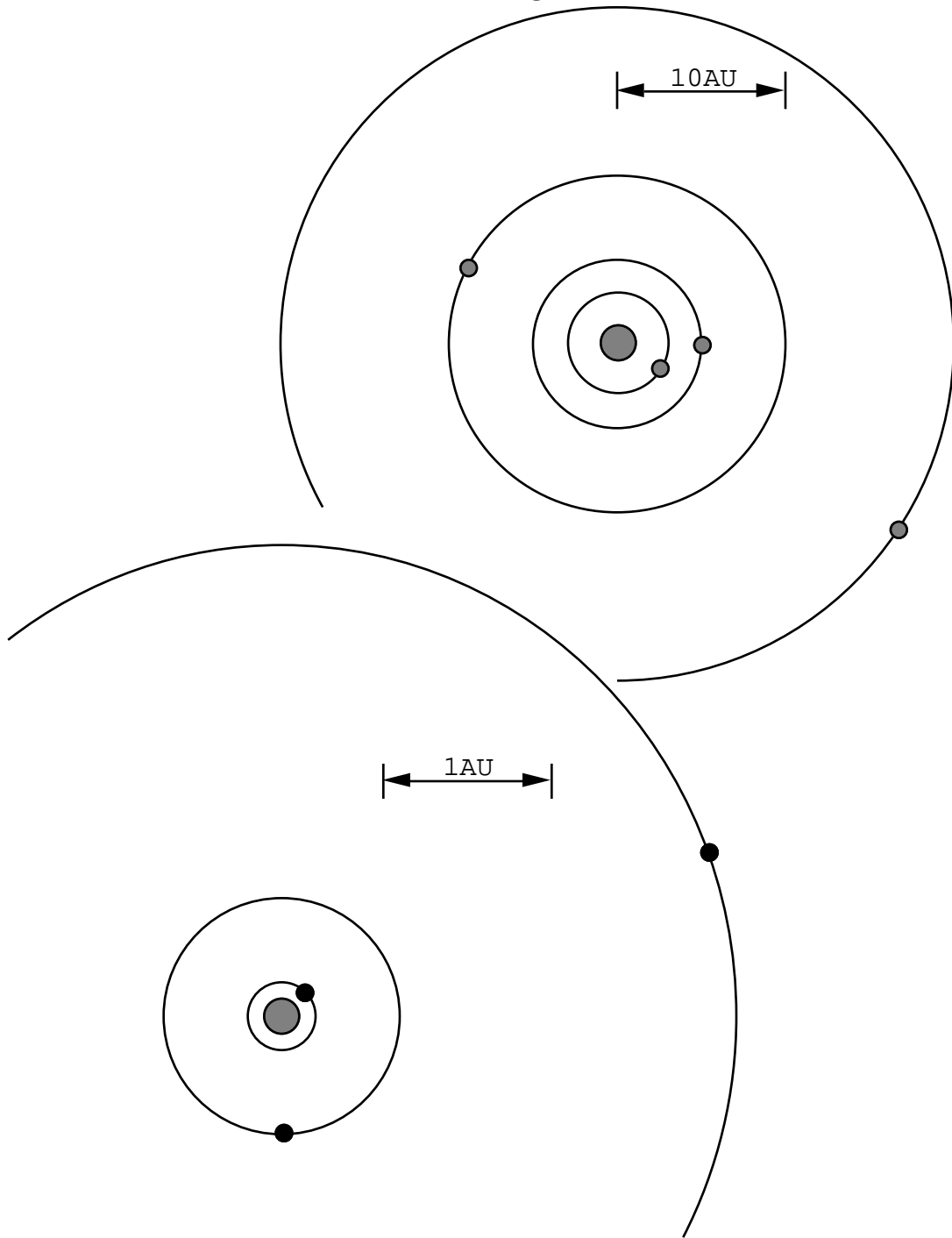
Size: 4

Magnitude: 3.49

## World and Satellite Data (Franne)

|       |    |  |
|-------|----|--|
| 0     | .  | Y200000-0                                |
|       | 11 | Y400000-0                                |
|       | 30 | Y410000-0                                |
| 2     | .  | Y200000-0                                |
| 4.9H. |    | X99A422-1 (Pong) Water World (B99A877-C) |
| 5H    | .  | SGG (UWP80 - 128,000km dia)              |
|       | 3  | Y300000-0                                |
|       | 7  | Y635000-0 (F635363-B)(Oldron)            |
| 6     | .  | LGG                                      |
|       | 1  | YR00000-0                                |
|       | 2  | YR00000-0                                |
|       | 3  | YR00000-0                                |
| 7     | .  | SGG                                      |
| 8     | .  | LGG                                      |

# Orbital Diagram



Pong was originally settled by humans across the various archipelagoes, but when natural forming Zuchai crystals were discovered in several places on the planet's crust (deep beneath the oceans), the mining brought tremendous numbers of people to the planet. The original population of 100,000,000 most died beneath the waves, the remaining population consisting of humans surviving on the archipelagoes.

Although not listing in the population of the planet, the world also hosts several enclaves of 'phins. The 'phins have lost most communications abilities with the humans, but share the existence in the archipelagoes on excellent terms.

## Pong

| World:             | UPP Code    | Description                 | Actual Rating |
|--------------------|-------------|-----------------------------|---------------|
| Size               | 9           | Large (14,400km)            | 14,077.69 km  |
| Atmosphere         | 9           | Dense (tainted)             | 1.682 ATM     |
| Hydrographics      | A           | Water World (100%)          | 96.86 %       |
| Orbit #            | 5           |                             |               |
| Star:              |             | Density:                    | 1             |
| Spectral Type      | F5          | Mass:                       | 1.3303 terra  |
| Class              | 4           | Gravity:                    | 1.10 G's      |
| Stellar Mass       | 2           | Orbital Period:             | 1209.25 days  |
| Atmospheric Taint: | High Oxygen | Rotational Period:          | 26.40 hours   |
| Weather Factors:   | 5           | Tidally Locked?:            | No            |
| Fossil Fuels?:     | No          | Orbital Eccentricity:       | 0             |
| Radioactives?:     | Yes         | Axial Tilt:                 | 37 °          |
| <b>Horizon</b>     |             | Rotation-Luminosity Factor: | 1.11          |
| Viewpoint (meters) | Distance    | Base Temperature:           | 22.80 °C      |
| 1.5                | 6.50 km     | Max season increase:        | 22.20 °C      |
| 2                  | 7.50 km     | Max season decrease:        | 37.00 °C      |
| 3                  | 9.19 km     | Pos temp /hour day:         | 0.44 °C       |
| 10                 | 16.78 km    | Maximum day temp:           | 101.39 °C     |
|                    |             | Neg temp /hour night:       | 18.50 °C      |
|                    |             | Minimum night temp:         | 2.28 °C       |

| Hex Row | Average Temp | Summer | Daytime | Winter | Night  | Highest | Lowest  |
|---------|--------------|--------|---------|--------|--------|---------|---------|
| 1       | 43.80        | 5.55   | 49.67   | -9.25  | 23.28  | 99.03   | 57.83   |
| 2       | 36.80        | 11.10  | 42.67   | -18.50 | 16.28  | 90.58   | 34.58   |
| 3       | 29.80        | 16.65  | 35.67   | -27.75 | 9.28   | 82.13   | 11.33   |
| 4       | 22.80        | 22.20  | 28.67   | -37.00 | 2.28   | 73.68   | -11.92  |
| 5       | 15.80        | 22.20  | 21.67   | -37.00 | -4.72  | 59.68   | -25.92  |
| 6       | 8.80         | 22.20  | 14.67   | -37.00 | -11.72 | 45.68   | -39.92  |
| 7       | 1.80         | 22.20  | 7.67    | -37.00 | -18.72 | 31.68   | -53.92  |
| 8       | -5.20        | 22.20  | 0.67    | -37.00 | -25.72 | 17.68   | -67.92  |
| 9       | -12.20       | 22.20  | -6.33   | -37.00 | -32.72 | 3.68    | -81.92  |
| 10      | -19.20       | 22.20  | -13.33  | -37.00 | -39.72 | -10.32  | -95.92  |
| 11      | -26.20       | 22.20  | -20.33  | -37.00 | -46.72 | -24.32  | -109.92 |

# Oldron

Ancip reactivated Oldron: 9440km dia, Den=.94, G=.7, Very Thin=.2ATM  
 Nat'l Resources: Ores, Radioactives, Crystals, Compounds

| World:        | UPP Code |
|---------------|----------|
| Size          | 6        |
| Atmosphere    | 3        |
| Hydrographics | 5        |
| Orbit #       | 5        |

| Description        | Actual Rating |
|--------------------|---------------|
| Medium (9600km)    | 9,782.48 km   |
| Vacuum (very thin) | 0.282 ATM     |
| Wet World (50%)    | 53.13 %       |

| Star:         |    |
|---------------|----|
| Spectral Type | F5 |
| Class         | 4  |
| Stellar Mass  | 2  |

|                             |              |
|-----------------------------|--------------|
| Density:                    | 0.5          |
| Mass:                       | 0.2232 terra |
| Gravity:                    | 0.38 G's     |
| Orbital Period:             | 1209.25 days |
| Rotational Period:          | 26.40 hours  |
| Tidally Locked?:            | No           |
| Orbital Eccentricity:       | 0            |
| Axial Tilt:                 | 21 °         |
| Rotation-Luminosity Factor: | 1.11         |
| Base Temperature:           | 54.88 °C     |
| Max season increase:        | 12.60 °C     |
| Max season decrease:        | 21.00 °C     |
| Pos temp /hour day:         | 0.89 °C      |
| Maximum day temp:           | 48.80 °C     |
| Neg temp /hour night:       | 168.00 °C    |
| Minimum night temp:         | 27.44 °C     |

|                    |      |
|--------------------|------|
| Atmospheric Taint: | None |
| Weather Factors:   | 4    |
| Fossil Fuels?:     | No   |
| Radioactives?:     | No   |

### Horizon

| Viewpoint (meters) | Distance |
|--------------------|----------|
| 1.5                | 5.42 km  |
| 2                  | 6.26 km  |
| 3                  | 7.66 km  |
| 10                 | 13.99 km |

| Hex Row | Average Temp | Summer | Daytime | Winter | Night  | Highest | Lowest |
|---------|--------------|--------|---------|--------|--------|---------|--------|
| 1       | 72.88        | 0.00   | 66.80   | 0.00   | 45.44  | 139.68  | 118.32 |
| 2       | 66.88        | 0.00   | 60.80   | 0.00   | 39.44  | 127.68  | 106.32 |
| 3       | 60.88        | 0.00   | 54.80   | 0.00   | 33.44  | 115.68  | 94.32  |
| 4       | 54.88        | 3.15   | 48.80   | -5.25  | 27.44  | 106.83  | 77.07  |
| 5       | 48.88        | 6.30   | 42.80   | -10.50 | 21.44  | 97.98   | 59.82  |
| 6       | 42.88        | 9.45   | 36.80   | -15.75 | 15.44  | 89.13   | 42.57  |
| 7       | 36.88        | 12.60  | 30.80   | -21.00 | 9.44   | 80.28   | 25.32  |
| 8       | 30.88        | 12.60  | 24.80   | -21.00 | 3.44   | 68.28   | 13.32  |
| 9       | 24.88        | 12.60  | 18.80   | -21.00 | -2.56  | 56.28   | 1.32   |
| 10      | 18.88        | 12.60  | 12.80   | -21.00 | -8.56  | 44.28   | -10.68 |
| 11      | 12.88        | 12.60  | 6.80    | -21.00 | -14.56 | 32.28   | -22.68 |