

MERCURY

Surface: 74.8m km2 (Eurasia = 54.8m)
 Temperature: -173°C (night), 427°C (day)
 Gravity: 0.38g (1.2m-high jump)
 Orbit, Rotation: 88 days, 59 days

Population: 1.5 million
 Controlling Power: Planetary Consortium
 Factions: Sifters, Tolstoj Mining, Jaehon Offworld, Noonday Mining, Vyasa Workers' Coop
 Research interests: Fa Jing, Gammex, Direct Action, Omnicor

The planet's sidereal day is two thirds as long as its short year, meaning the sun crawls across the black sky, and Mercury is subjected to hellish extremes of hot and cold. Its population is too small to support much independent culture and it is dominated by hypercorp mines, solar collectors and antimatter research. Heavy prisoner and indenture population.

Cannon

Dome hab | Pop 10k

Owned by Jaehon Offworld, Cannon is the planet's largest town. The mining hub stays ahead of the daylight by running on a gigantic track, on a circuit of the northern hemisphere. Powered by solar arrays, it features a mass driver which fires building-sized ingots of metal into space.

Lumina

Dome hab

Independently-owned hyperelite resort spa complex. Also features huge solar arrays drinking its permanent daytime and significant high-energy science research facilities.

Al Hamadhanj

Tin Can hab

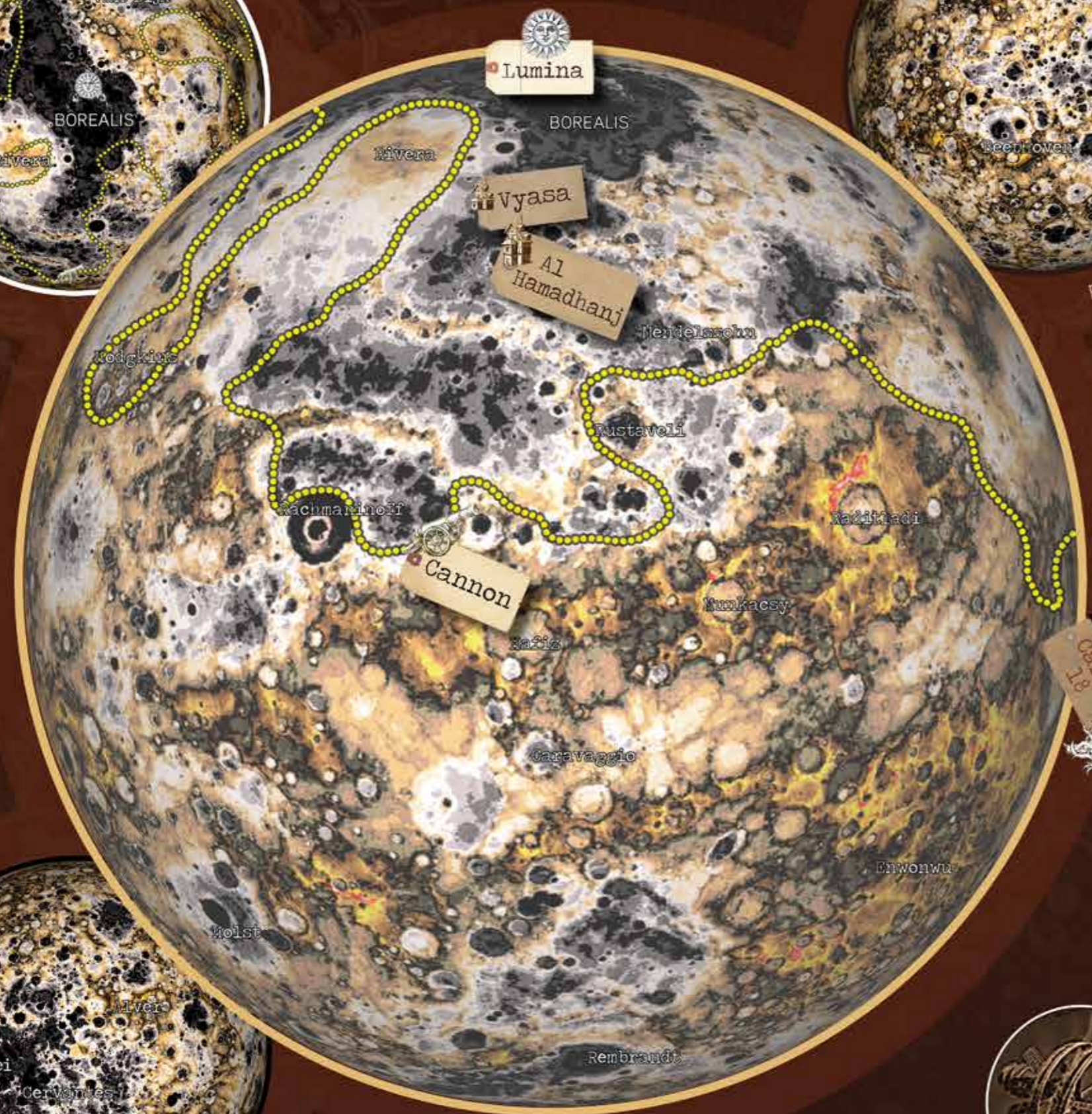
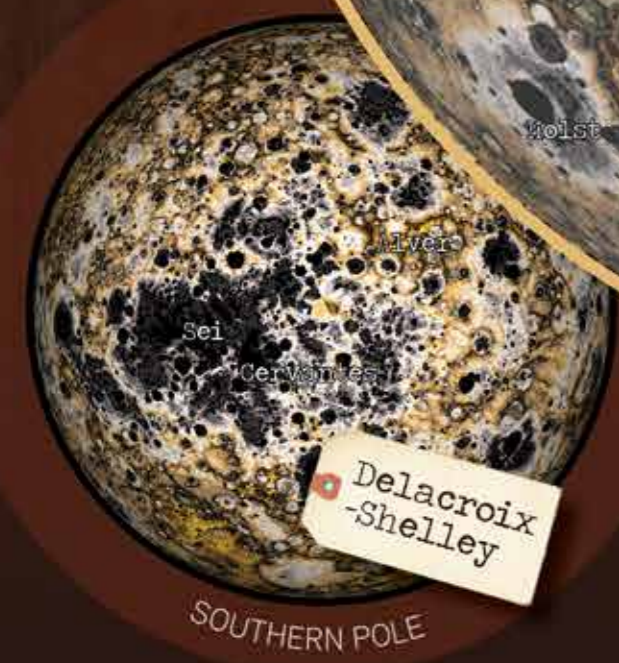
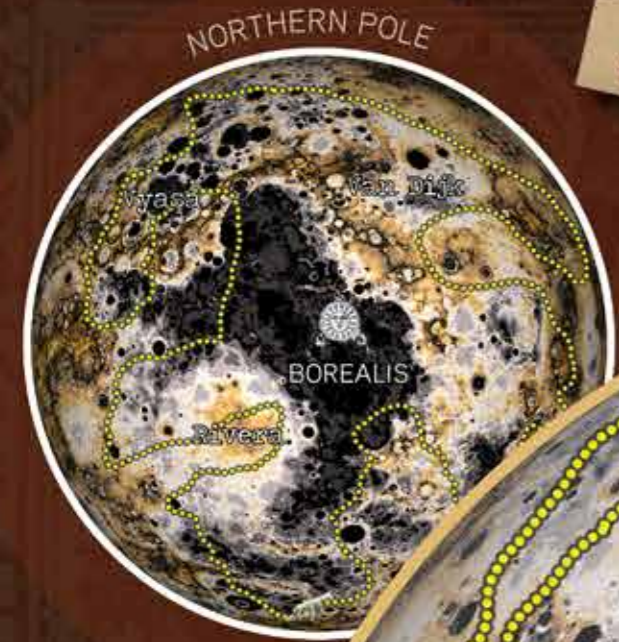
Most influential of the sifter settlements, most major gatherings happen here. Modules are embedded into the craters to counter the temperatures. Has underground services, for a price. Approx 200km south of mining colony Vyasa.

Delacroix-Shelley

Secretive research facility with a heavy military presence, run primarily by Fa Jing.

The egg

Pale skyscraper-sized ovoid left by the Factors in AF8. They wish it left untouched and Consortium bosses have declared it off limits.



Torus hab. Handles most Consortium affairs around Mercury. Considered a backwater assignment and is only notable for how often things go wrong. Much of this, though not all, has been linked to worker unrest.

Hellwatch Station



Quarantine



VENUS



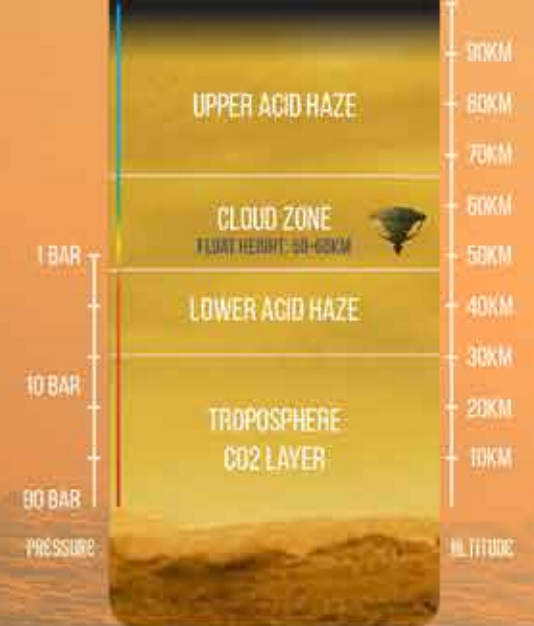
POPULATION: 5 MILLION
MORNINGSTAR CONSTELLATION
GRAVITY: 0.9G

With a surface that only the most toughened synths and bots can survive, all habitation of Venus takes place via aerostats which float in its slim temperate zone, 50km or more above the planet.

Nineteen habitats are currently active, with three on the way. It is rumoured another one or two secret hubs lurk in the lower cloud zone on the edge of the acid haze.

The cities in the sky were until recently under the control of the Planetary Consortium, until a vote in AF6 brought them independence as the Morningstar Constellation.

The New Economy cities are still dominated by hypercorp interests however, and with a relatively small population it remains to be seen whether this newfound independence will last.



OCTAVIA

Morningstar capital
Population: 500k
The primary spaceport and largest habitat of Venus has huge housing capacity and is home to the planet's best entertainment facilities, as well as its leading terraforming facility. Run by Halis Sapien.

LUCIFER

Population: 230k
Primary mining facility and capable of dropping to 40km so it can drop its haulage tether to the surface. Heavily populated by criminal indentures spread across several hypercorps.

THE SHACK

Population: 130k
Largest of all the aerostats, the Shack constructs new cities in the sky. Currently working on two new facilities. Run by a single corporation where every citizen has a share.

SHUKRA

Congress half-elected, half-appointed by local hypercorps. Notable for nanofab and software design. Nicknamed 'Silicon Cloud'.

MACHU PICCHU

Government randomly rotated between competent citizens, with anyone having a chance to become a manager.

ETEMENANKI

Planetary Consortium capital
Built as a reverse ziggurat, with transparent outer walls. Private resort for hyperelites in spires.

DEEP REACH

Planetary Consortium
Controlled by Nanofabbing, chemicals, energy, and antimatter firm Omnicor

APHRODITE PRIME

Population: 300k
Bioengineering and tourism centre. Most new lifeforms in the clouds originate here. Contains the Aviary, a sphere holding what advocates hope will be the future terraformed Venusian atmosphere. Can hold up to 40,000 tourists and has extensive morph supplies.

PARVATI

Independent
One of only two indie 'stats, known best as a swinging district with a seedy reputation. Provides many resort services, and a black market catering in the nastier tastes. Anonymity common.

SELENIS

Nanosocialist experiment, with all resources held in common by citizens. Beyond necessities, any citizen may take as much as they want, if they can convince enough other citizens to agree.

POLAR ZONE
WINDS TOO DANGEROUS TO NAVIGATE

1,000KM
HABS NOT TO SCALE

LUNA

SURFACE: 3.793x10⁷ km² (0.074 Earths)
 GRAVITY: 0.165g | ATMOSPHERE: N/A
 TEMPERATURE: -183°C to 106°C

POPULATION: 40 million
 CONTROL: Luna Lagrange Alliance (LLA), 60%
 Planetary Consortium (PC), 40%
 INDUSTRIES: Banking,
 entertainment,
 fashion

Consortium

SELENE STATION
 POP: 3 million | 0.16g spin
 Language: English
 Skyhook and main space port
 Major zero-G manufacturer

NECTAR
 POP: 9 million
 English, Spanish
 Design & fashion hub,
 Main spaceport

Luna Alliance

ERATO
 POP: 5 million
 English, Mandarin
 City for the very wealthy

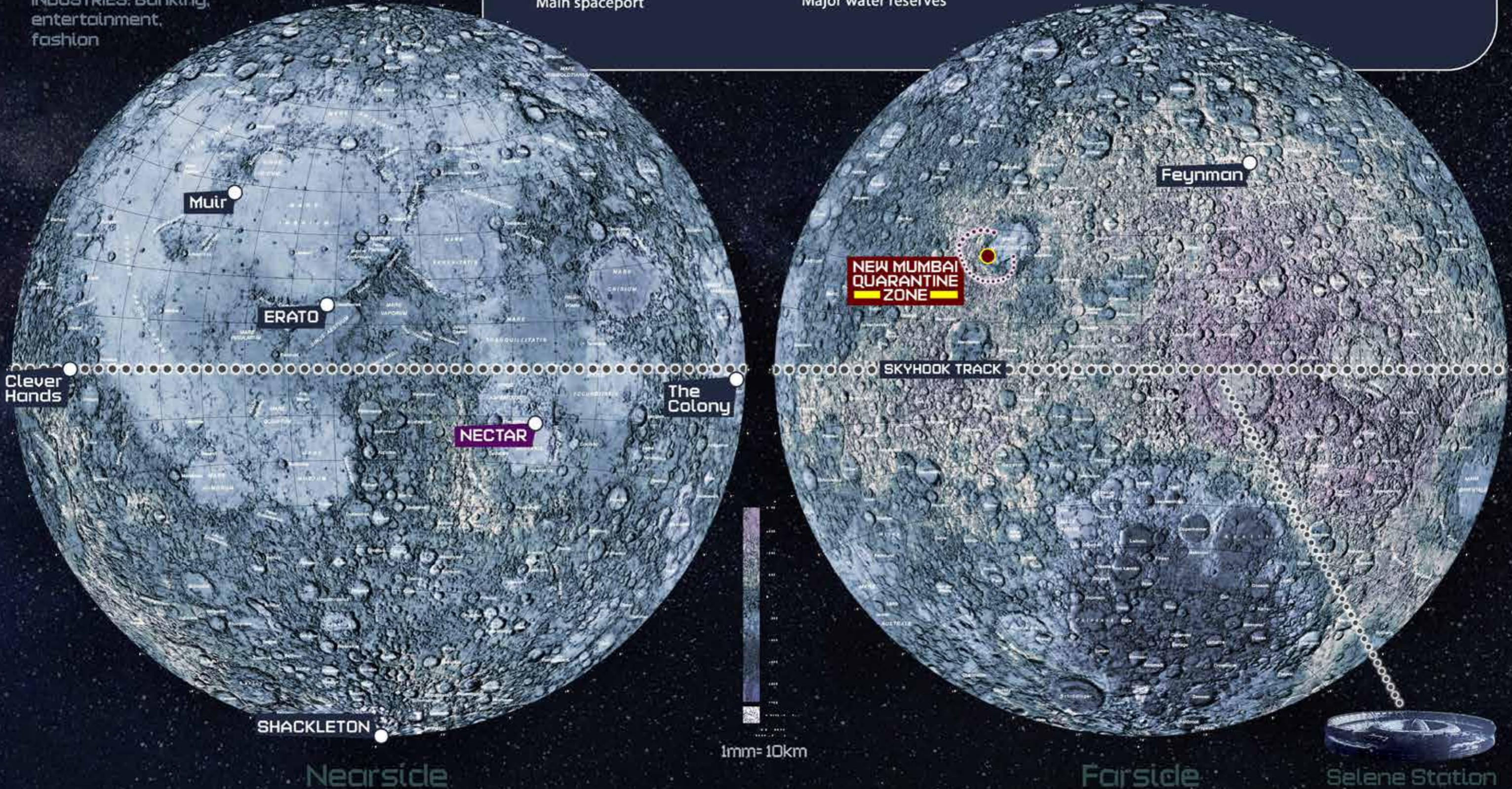
SHACKLETON
 POP: 6 million
 English, Hindi
 Indian cultural hub,
 Major water reserves

CLEVER HANDS
 POP: 60,000 (20K Uplifts)
 English
 Somatek animal engineering

THE COLONY
 Javanese
 Micro-sized insect morph city

FEYNMAN
 POP: 50K
 English, Arabic
 Secretive, secure, rumours of
 nano-tech experimentation

MUIR
 Independent
 English, German
 Preservationist stronghold



1mm = 10km

Nearside

Farside

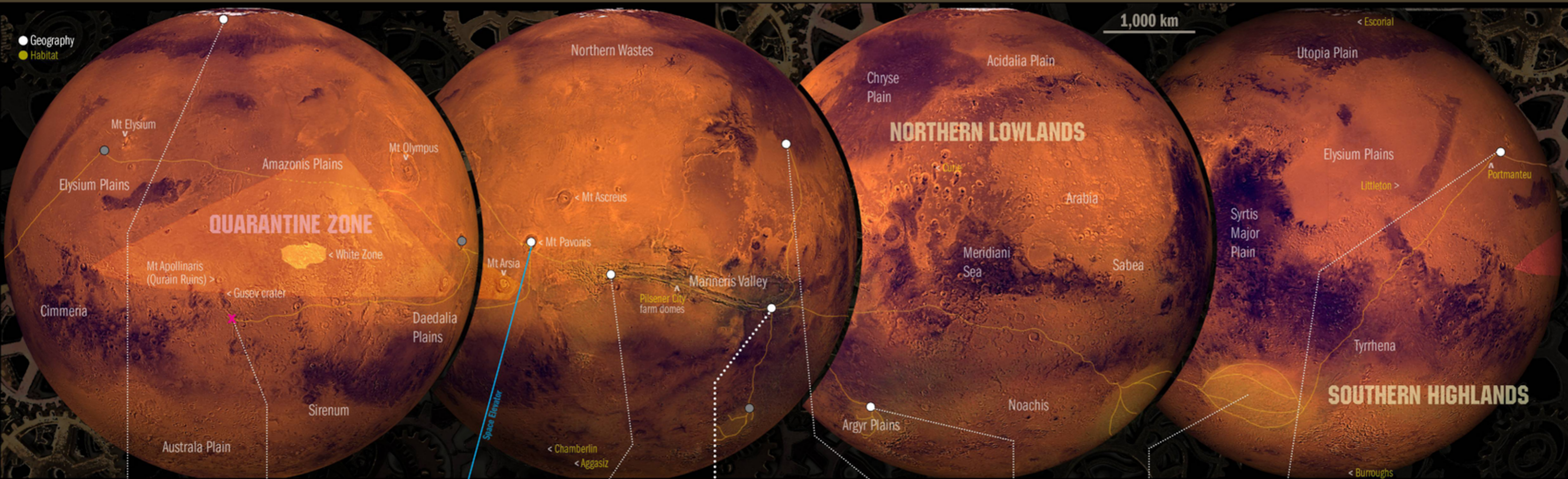
Selene Station

SURFACE: 144.8 MILLION KM2 (0.284 EARTHS)
TEMPERATURE: -100°C TO 20°C

GRAVITY: 0.38G
ATMOSPHERIC PRESSURE: 3.5 PSI

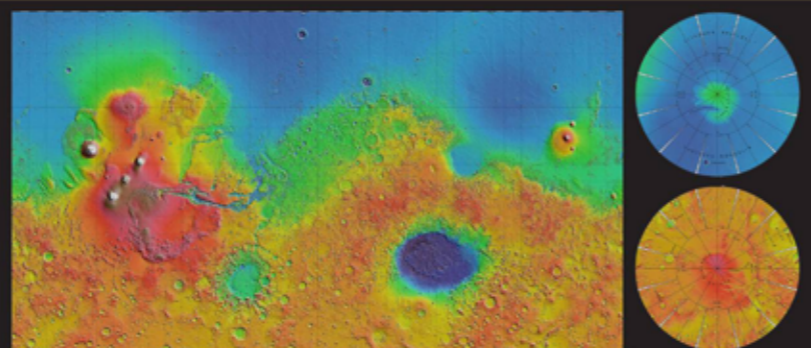
POPULATION: 200M (+20M ORBITAL)
GOVT: THARSIS LEAGUE (PLANETARY CONSORTIUM)

MARS



- KOROLEV**
Barsoomian Hub
Population: 10k
 Nomad winter camp and terraforming hub. Similar crater sites at Chamberlin, Aggasiz, and Burroughs in the south, Escorial, Littleton and Curie in north.
- MA'ADIM VALLIS**
Martian Gate Zone
 Originally discovered by Sufi Nomads and then seized by Pathfinder Hypercorp. The gate is now a staging ground for new Consortium exoplanet colonies such as Olaf and Krypton
- PAVONIS & PHOBOS**
Space Elevator
Groundside pop: 1m
 Pavonis was once Mars' capital, but lost out as terraforming made other regions liveable. It still sees heavy traffic as the spaceport to Cognite-controlled moon Phobos is a main point of access to the planet, and via its well-linked maglev system
- NOCTIS QIANJIAO**
Population: 13m
 Western edge of the clement zone, AI and robotics hub, design and manufacturing
- VALLES NEW SHANGHAI**
Martian Capital
Population: 37m
 The largest city in transhuman space is also the seat of the Planetary Consortium. The area is heavily terraformed and shielded within a deep equatorial chasm, allowing rivers to run in the 'temperate' climate. The zone is rich, but half the population is indentured.
- ASHOKA**
Population: 10k
 This northern town offers spa and spiritual retreat facilities. It also acts as a terraforming hub and as a place where equatorials rub shoulders with Barsoomians.
- NEW DAZHAI**
Population: 350k
 Freight and mining town on the edge of the rich agricultural lands of the Argyr Plains. It's poorly developed, and Fa Jing's maglev operations have brought corruption
- HELLAS PLAINS**
 Prosperous region with many towns and villages which draw on its central glacier for water. Hellas is a Movement stronghold known for its terraforming activism.
- ELYSIUM CITY**
Population: 9.1m
 Entertainment hub and Mars' northern capital. Mainly accessed by flyer or suborbital, though a maglev line runs south-west it is cut off to the East by quarantine zone.
- THE QUARANTINE ZONE**
Former TITAN stronghold
 During the Fall what is now the White Zone was captured and turned into a production hub for TITAN projects. The area and a wide swathe around it were flooded with monstrosities and the zone is now quarantined. Notable is a small Barsoomian presence and the former Islamic fort of Qurain on the zone's southern border. The former Elysium-Pavonis highway crosses its northern tip.

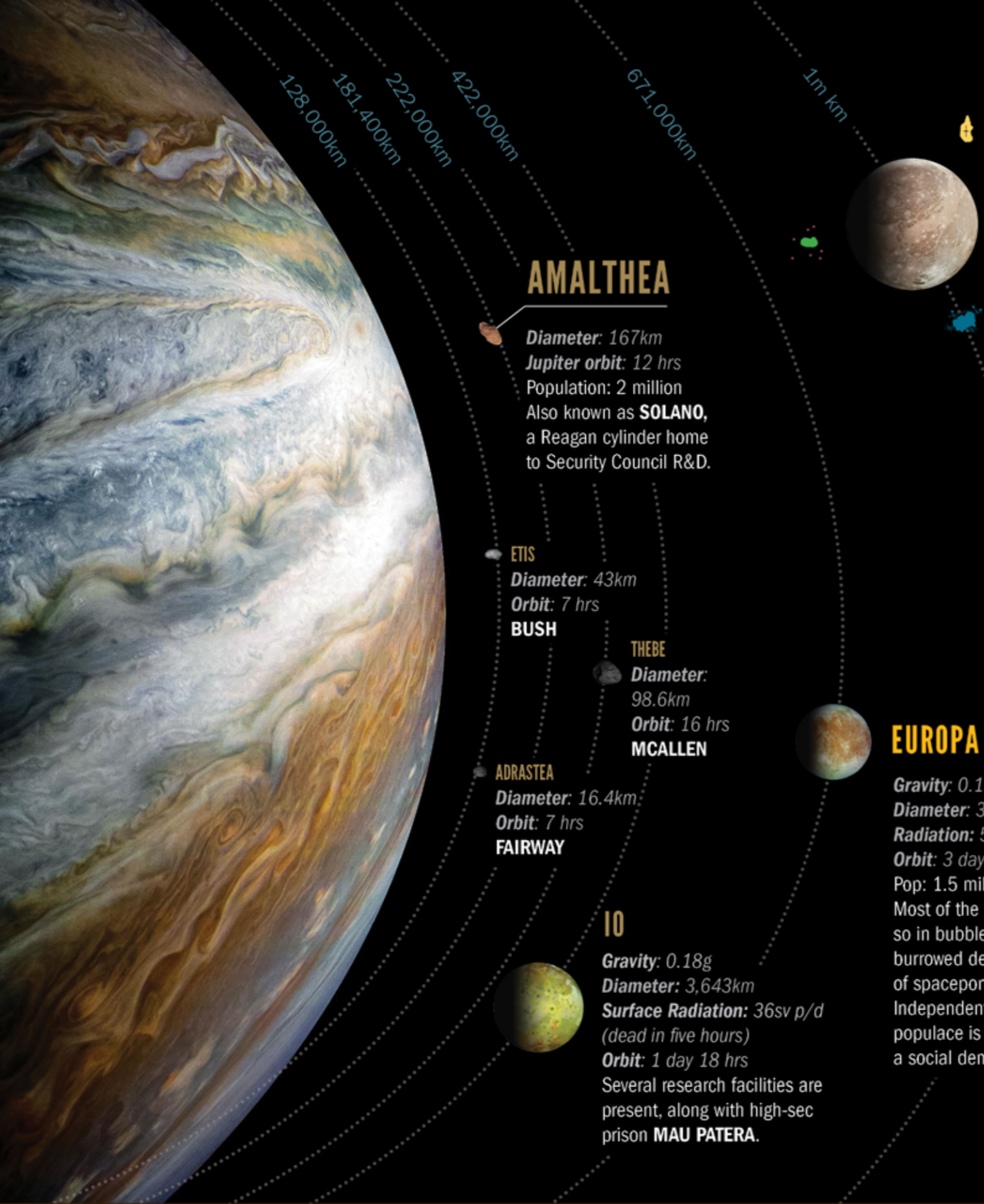
TOPOGRAPHY
 Mars divides into three belts, the **Northern Lowlands** (blue) are low-lying and sparsely populated by nomads. Eventually it is expected this will become a world-girding sea. The **Equatorial Zone** (red) is relatively temperate and dominated by the Marineris Valley, which retains heat and is heavily populated. The **Southern Highlands** (yellow) are high, cold but dotted with crater habs.



OTHER INFORMATION
 Mars is the only place in the Solar System where it is possible to walk on the face of a planet, breathe its air and look up at its sky (as long as you have a robust enough morph). Dominated by the Planetary Consortium hypercorp cartel, it is part of the New Economy and the most

important political entity in the inner system, but is a social powder keg, with an immortal elite doing its best to maintain control over vast numbers of oppressed and marginalised groups. Barsoomian nomads, the clanking masses in their souk slums, anarchists and the countless indentured refugees from Earth have formed the Movement in direct opposition to the status quo.





AMALTHEA

Diameter: 167km
Jupiter orbit: 12 hrs
Population: 2 million
 Also known as **SOLANO**, a Reagan cylinder home to Security Council R&D.

ETIS

Diameter: 43km
Orbit: 7 hrs
BUSH

THEBE

Diameter: 98.6km
Orbit: 16 hrs
MCALLEN

ADRASTEIA

Diameter: 16.4km
Orbit: 7 hrs
FAIRWAY

IO

Gravity: 0.18g
Diameter: 3,643km
Surface Radiation: 36sv p/d (dead in five hours)
Orbit: 1 day 18 hrs
 Several research facilities are present, along with high-sec prison **MAU PATERA**.

GANYMEDE

Gravity: 0.15g
Diameter: 5,268km
Radiation: 0.050-0.080sv p/d (severe illness within two months)
Orbit: 7 days 3 hrs
Population: Over 7 million
 The Jovian Republic's capital planet is the most heavily populated area in the region, with **LIBERTY CITY** at its heart, buried 2.5km under the surface to protect against radiation.

IN ORBIT

The city is connected to **LIBERTY STATION**, crown jewel of the Jovian Space Force. This is turn is in the immediate vicinity of two powerful habs, **THE CASTLE** which acts as HQ of the ruling Security Council, and the opulent **HOLY SEE**, heart of the Catholic faith.

EUROPA

Gravity: 0.13g
Diameter: 3,122km
Radiation: 5.4sv p/d
Orbit: 3 days 12 hrs
Pop: 1.5 million
 Most of the people living on Europa do so in bubble warrens and fish-hook habs burrowed deep in the ice, with the exception of spaceports **CONAMARA** and **PWYLL**. Independent of the Jovian Republic, the populace is multicultural and tends towards a social democratic outlook.



LOCUS

Pop: 2m | Largest cluster hab ever built and anarchist hub. Other Trojan habs include **C-SQUAT**, **EXARCHIA**, and **RESPECT**

The Greeks are less heavily populated, with populations in the thousands and a Brinker presence. Habs include **CATAL HAYUK**, **LOT 49** and **WINTER**.

CALLISTO

Gravity: 0.126g
Diameter: 4,861km
Radiation: 0.0001sv p/d (10x Earth)
Orbit: 16 days 18 hours
 Dotted with city-states on and beneath the surface, Callisto is a mix of Jovian Republic polities, most notably **GERBR**, and independents led by the well-defended, two million-strong population of **HYODEN**.

COURT OF ZEUS

More than 50 irregular moons, most only a few km across, are in the outer reaches of Jovian orbit. Sites of note include:



- Quarantined moonlet **Aoede**
- Micro-commonwealth **AITNE, KALE & TAYGETE** (pop 8k)
- Ultra bio-conservative dome hab **CALLIRRHOE**
- Infomorph hub **CARPO** (pop 17k)
- Republic tolls hub **EUANTHE** (pop 2k)
- Abandoned Reagan cylinder **Helike**

Regional population: 40 million
Solar orbit: 11 years
Polities: **JOVIAN REPUBLIC**
INDEPENDENT
ANARCHIST

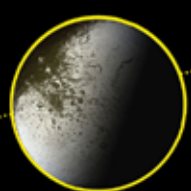
The region around Jupiter is largely dominated by the massive fleet power of the Jovian Republic, which was founded as a military junta in AF 1 following the 17-Minute War.

The region is something of a fortress of bioconservatism, militarism and religious fervour, being highly suspicious of both the new economies of the outer system and of the Planetary Consortium.

Adherence to the old ways has however seen the Republic falling behind in technological innovation, and its military advantage over its rivals is slowly being eroded as a result.

JUPITER





**** QUARANTINED ** Iapetus ** QUARANTINED ****
 Diameter: 1,468km, 0.02g
 The moon was partially reconstructed by T.I.T.A.N tech during the Fall. Most factions have bases in orbit, to keep an eye on it.

3.6m km
 1.2m km

Saturn is the effective home of the Autonomist Alliance, a loose defensive pact designed to deter the Planetary Consortium from expanding its influence into the Outer System. Anchored by the Titanian fleet, it also incorporates Extropian and Anarchist polities.



Polities: **ANARCHIST**
TITANIAN
EXTROPIAN
INDEPENDENT

Rhea

Diameter: 1,528km, 0.03g
 While there's nothing much on the surface bar some tin can habs, **Kronos Cluster** (pop 950k) is more lively. The mixed anarchist/extropian settlement is seething with gangs, pirates and ultimates



Titan orbit

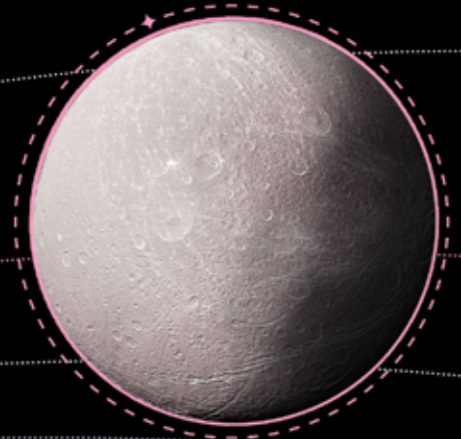
Low gravity makes orbital zones easy to access, and a population of 250,000 is split between a number of captured moonlets, media hab **Mankell** and **Commonwealth Hub**, Titan's major shipyard

Titan

Diameter: 5,150km, 0.13g
 The home of the Titanian Commonwealth is by far the most powerful and populous (60m) polity in the region. A parliamentary direct cyberdemocracy, it is part of the new economy but acts more as a unified state. Major cities include capital **Nyhavn** (pop: 12m), the university city of **Aarhus** (5m) and manufacturing giant **New Quebec**.
Industry: Morphs, mining, energy

Dione

Diameter: 1,123km, 0.02g
 The main anarcho-collectivist habitat of **Thoroughgood** (pop: 350k) is split between an orbital cluster hab and beehive habs underground. The **Long Array** comprises a major comms and observation installation

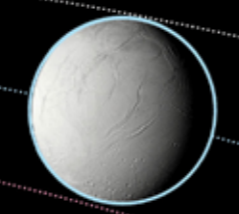


Phelan's Recourse
 Pop: 250k
 Scum swarm

527,000km
 377,000km
 295,000km
 238,000km
 185,000km

Enceladus

Diameter: 504km
 Beehive hab **Profunda** (pop: 850k) is a prosperous Extropian city

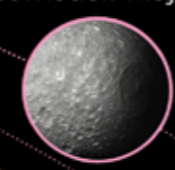


Telesto

Part-finished Hamilton cylinder **Bright** (pop 30k) was built from this tiny moon and recently captured by hypercorp Acumenic

Mimas

Harmonious Anarchy (pop 500k) runs on a mutualist, taoist-industrialist model. Major industrial designer and manufacturer



Tethys

Diameter: 1,062km, 0.01g
 Indo-British anarchist hab **Godwinhead** (pop: 212k) is culturally placid and threaded through with 3,000km of tunnels

* **Meat hab**
 It's made of meat, with around 500 hardy inhabitants who mostly aren't

152,000km
 137,700km
 134,000km
 140,000km
 132,000km

1

1. **Close orbit**
 Dominated by the large muslim station **Salah** (pop: 215k), contested by the Consortium. Ringers and Isolates common.

2. **Pandora**
 Shared between Argonauts & Commonwealth, the moon is home to one of Sol's five **gates** and heavily trafficked.

3. **Atlas**
 Controlled by the Volkov gas mining hypercorp (pop: 50k).
 4. **Pan Izulu** station (pop: 1.1m) is a

major extropian hub featuring huge wealth disparities.
 5. **Prometheus Marselles** (pop: 80k) works in mining and antimatter.

6. **Twelve Commons** (Epithemus & Janus)
 Forms a large cloud of cluster habs (pop: 6m) forming Sol's largest anarchist community.

Saturn

Region population: 110m | Solar orbit: 29 years

ATMOSPHERE

Uranus has lower wind speeds than Neptune making it easier for aerostats. Skimmers and brinkers are common harvesting volatiles from small habs.

VARUNA

Station: Aerostat | Indie brinker | Population: 1,000
Largest in-atmosphere hab. Trading hub for volatiles. Also notable for its research into biomorphs that can live without oxygen and potentially survive unaided in gas-giant environments.

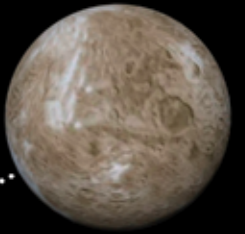
RING MOONS

	Diameter	Distance		Diameter	Distance
1. Cordelia	40km	49.7k km	10. Belinda	90km	75.3k km
2. Ophelia	43km	53.8k km	11. Perdita	30km	76.4k km
3. Bianca	51km	59.1k km	12. Puck	162km	86k km
4. Cressida	80km	61.7k km	13. Mab	18km	97.7k km
5. Desdemona	64km	62.6k km			
6. Juliet	94km	64.3k km	14. Xiphos	Hamilton Cylinder	
7. Portia	135km	66.1k km		Population 10,000 5.5 km long	
8. Rosalind	72km	69.9k km		HQ of the militaristic survivalist	
9. Cupid	18km	74.8k km		Ultimates faction.	

INNER ORBIT

Physical travel into the orbit of Uranus is difficult due to its extreme inclination compared to the rest of the system meaning only Oberon, which sits at the edge of the planet's magnetosphere, is relatively easy to approach.

A relatively healthy population comprising primarily of brinkers, skimmers and ultimates can be found in and beyond the planetary rings however, as the atmosphere is notably less hostile than that of Jupiter, Saturn or Neptune.



OBERON

Gravity: 0.036g
Diameter: 1,523km
Distance: 583,000 km
Orbit: 13 days 6 hrs
Population: 10,000

Both major entry points to Oberon (Cobweb and the spaceport near capital Chat Noir), are guarded by wary anarchists looking to protect the autonomist-run Fissure gate. Extropian station Graupner A/B is under construction in orbit.

GATE DESTINATIONS

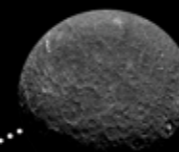
- Luca | Portal
- Templeton's World
- Bluewood | Carnivale
- Logos | Solemn
- Penrose | Fortean



TITANIA

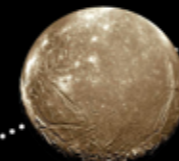
Gravity: 0.037g
Diameter: 1,577km
Distance: 436,000 km
Orbit: 8 days 13 hrs
Population: 10,000

Mixed anarchist, brinker, hypercorp
Known for its extreme sports scene, which revolves around the autonomist city of Crossing and Xue spaceport. Infomorphs in Lloyd are primarily brinkers and Ortjodos Christians, while Experia is set up at Lake Emma.



UMBRIEL

Gravity: 0.02g
Diameter: 1,169km
Distance: 255,000 km
Orbit: 4 days 3 hrs
Heavily cratered, mostly useful for organic compounds (responsible for its low albedo).



ARIEL

Gravity: 0.025g
Diameter: 1,158km
Distance: 191,000 km
Orbit: days hrs
Population: 2,000

The planet hosts a secondary ultimates mining and training base



MIRANDA

Gravity: 0.008g
Diameter: 462.6km
Distance: 129,000 km
Orbit: 1 day 10 hrs

Noteworthy for Verona Rupes, the highest cliff in the Solar System.

RINGS
v and μ: 66-103,000 km
6 to ε: 38-51,000 km
ζcc to ζ: 27-41,000 km

OUTER ORBIT



Distance from Sol: 19.8 AU
Orbit: 84 years
Surface temp (1 bar): -214°C
Population: 126,000

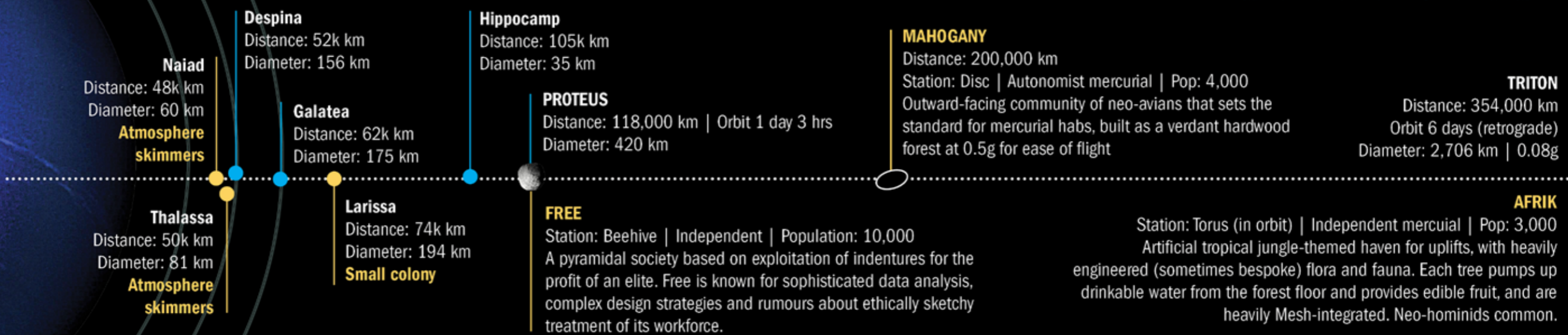
Due to its inclination Uranus and its attendant moons face the Sun in much the same manner as a tidal lock, with a 42-year gap between each dawn and dusk.

A large jump out even from Saturn, the region is physically isolated but of high interest to the inner powers due to the presence of the Fissure Gate.

Uranus



INNER ORBIT



OUTER ORBIT



ATMOSPHERE

Neptune's atmosphere is extremely hostile with storms reaching 2,000km p/h, however has good pickings for baseline resources, being comprised mainly of hydrogen (80%) and helium (19%). Gravity at 1 bar pressure is 1.14g.

MUSHROOM

Station: Aerostat | Independent brinker/anarchist | Population: 1,200
Set deep into Neptune's cloud base at three atmospheres' depth, this well-armed station is only accessible via trusted third parties, most notably scum swarms such as the Saturnian fleet Phelan's Recourse, and Lot 49 in the Jovian Greeks.

TROJANS

HAWKING

Station: Beehive/Cluster | Independent hypercorp | Population: 3,000
Scientific commercial venture researching hypothetical space drives. Large, well-armed, and highly funded. Brinkers report strange local activity.

ILMARINEN

Station: Beehive/Cluster | Independent Argonaut | Population: 7,000
Cold-vacuum hub for competing Argonaut factions thanks to its status as home to the OpenNano project. Run on anarchist lines.



Neptune's Lagrange Point 4 is a large, sparsely-populated neighbourhood of 100km+ asteroids, mostly tins and beehives full of brinkers and eccentrics. Populations of more than 100 are rare.



Distance from Sol: 30AU
Orbit: 165 years
Surface temp (1 bar): -201°C
Region population: < 100,000

The last stop before the Kuiper Belt, Neptune is largely beyond the reach of any of the major Sol powers, though the Autonomist Alliance does count Mahogany

among its members. Primarily populated by brinkers, anarchists and Argonauts, it's known for paranoia, fierce independence and isolation.

Neptune