

Scenario Identifier:	SS
Short Description:	Big Brother is Watching
Summary (write this last, 2-4 sentences from <i>Scenario Description and Additional Narrative</i>): An autocratic ruler enforces strict resource allocation policies in a civilization estranged by desperate scarcity. The biosphere declines dangerously as the technosphere metastasizes outwards. Earth has been transformed into a large interconnected and highly monitored urban landscape. Large populations of elites live in space settlements.	



Unique Inputs for Each Scenario <small>These are defined from the technological main scenario, the technology assessment, <i>Copy the corresponding GF and TF descriptions into the boxes below.</i></small>			
Global Factors (GF)		Technology Factors (TF)	
Identifier	GF1	Identifier	Cluster 6 (TF5)
Myth	Philosopher-king	Myth	Earth 2024
Archetype	Discipline / Collapse	Relationship	A4 Some common elements
Economy	X1 Scarcity	Distribution	B1 Unipolar
Politics	Y1 Rule by one	Development	C1 Evolved and emergent
Society	Z1 Hierarchical	Order	D2 Second-order
		Scale	E2 Nanometer to micrometer



Basic Assumptions <small>These are fixed for all scenarios <i>any</i> changes made here should be propagated to all others.</small>	
1. Humans have not gone extinct. 2. Humans have not specciated. 3. Humans are the only terrestrial animal capable of producing technology. 4. No extraterrestrial technology has interfered with human technological development. 5. Future timescale: 1000 years	
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Scenario Description <small>This is generated by <i>Clauze</i> based on the scenario inputs and basic assumptions.</small>	
In this future scenario, an autocratic Philosopher Ruler enforces strict resource allocation policies in a civilization estranged by desperate scarcity. As the apex of a rigid social hierarchy, the enlightened despot rators increasingly scarce supplies based on paternalistic visions of the collective good. However, distribution channels misalign with common needs as more flows are redirected upwards to sustain elite extravagance dressed as noblesse oblige. The biosphere declines dangerously as the technosphere metastasizes outwards, engorged by rapacious extraction systems shutting vital stocks into fortified elite centers. Wilderness survives only in marginal refugia, while pervasive technospheric dominance severs reciprocal ties between people and ecology. Nano-structures penetrate all facets of lived experience, enforcing the Philosopher King's rule down to textural detail. Technological innovation proceeds under the aligned vision of the Philosopher King actualized through dyastic megaprojects for power projection. Tight central oversight locks away decentralizing technologies in favor of perfecting systems of coercion, surveillance and manufactured precarity keeping non-elites fighting amongst each other to survive. Infricate resource control /nano-networks facilitate elite interests but risk systemic cascading collapse unknown to the supreme ruler. Tensions simmer as masses chafe under dehumanizing technospheric systems benefitting distant elites. Stability reigns but remains fundamentally vulnerable as tensions bubble under the surface. The precarous system runs on the myth of the virtuous Philosopher King who noly guides collective destiny -yet widening divergence from street realities initiates the cycle of decline that has toppled convicted civilizations. While crystalline towers and hyperloop vacuum tubes entrance elite habitats, life unfolds down below in creating communal blocks congested by permanent shortages. Sophisticated AI coordination dynamically rationes resources for the greater good, the banner aids prodium. Citizens would comply if only visitors matched ground realities, but when even benevolent systems misalign by wide-enough margins from hopes, rule by philosopher kings cannot escape the tragic arc repeated across millennia. And so in dark alleyways and makeshift undergrounds, citizens spread of another way aligned to human thriving. Networks quietly rewire relationships based on ecology's wisdom - locally, diversity, modularity	
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Additional Narrative <small>Based on the identified myths and concepts, provide any narrative details needed to explain the sequence of events from present-day Earth to the future scenario</small>	
Geopolitical and economic power consolidates at a global level, beginning with the dissolution of the UN security council and the expression of powers of the Secretary-General. Political unification under an expansive UN governance also subsumes control over large private interests, to the extent that all commercial policies are either decided by or monitored by the global government. Large technology companies are among the first industries to integrate with the global geopolitical government, which gained popular support under the guise of enabling widespread democratic participation through AI representation in government. The AI resource experiment was adopted too quickly and led to an unforeseen concentration of government power and AI driven push toward global centralization. The central governance places heavy investment in spreading the technosphere to the remotest parts of the solar system. Those who travel there are elites who are assigned for such privileged positions by the government, or workers who have demonstrated capability and loyalty. Earth has been transformed into a large interconnected urban landscape. Almost no one lives in a rural or agrarian lifestyle, even those in active resistance of the global government.	
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Planetary Bodies <small>Describe the planetary bodies that are most relevant to the biosphere and technosphere. This should always include Earth and typically will include the Moon and Mars. Consideration of the Asteroids may be relevant to most scenarios, as well as Venus and the Outer Planets. <i>Any additional planetary bodies can be added as a new column, but the number of columns should not greatly exceed ten.</i></small>						
Planetary Body	Earth	Moon	Mars	Venus	Asteroids	Outer Planets
Is this a planetary pole (distribution factor B)	Yes	No	No	No	No	No
Is this part of the biosphere, technosphere, both, or neither?	Both	Both	Both	Both	Both	Both
Population of each body	30 billion	300 million	30 million	300,000	3 million	300,000
Additional narrative	Population swells due to increased technological capacities but population levels are tightly controlled by the central government. Fertility rates remain constant everywhere, except in areas of active resistance against the global government.	Inhabited lunar settlements with regular flights to/from Earth	Inhabited martian settlements with some industry and tourism	Large floating cities on Venus as maintained as symbols of power projection	AI-driven asteroid mining with human settlements	Inhabited settlements on large moons and on large recreational insular planets "cruise" spacecrafts are available for elites and maintained as symbols of power projection



Human Needs <small>What are the operational dimensions of human needs in this scenario?</small>	
Needs may be met at the planetary scale, regional scale, or both. We proceed below by listing between the tables describing needs that are the minimum requirement for completion for all needs and 2 to be satisfied in at least the planetary scale for each planetary body that is part of the technosphere. <small>For further detail on the Human Scale Development framework, see: https://demonstrations.wolfram.com/HS/DOI.117705450902104552/ (Table 3)</small>	

Planetary-scale satisfaction/dissatisfaction of human needs <small>Briefly describe any human needs that are met (or unmet) at the planetary scale primarily through the physical part of the technosphere.</small>						
Planetary Body	Earth	Moon	Mars	Venus	Asteroids	Outer Planets
1. Subsistence (Required) (Energy, Security, Health, Well-being, Energy, an quality of life, housing, transportation)	Energy infrastructure: fusion (primary) + solar/wind/geothermal and other renewables. Several energy departments are maintained by the central government to coordinate the needs of different social classes and regions. Power blackouts are more common in lower class urban areas than those of elites. Sufficient food available for elites, produced by high-yield automated agriculture, but some shortages of luxury good are becoming apparent. All citizens are issued government rations for subsistent needs. Resistance groups maintain illegal indoor agriculture facilities. Life able land remains.	Fusion power, space-based solar power. Water ice ISRU. Regolith ISRU. Closed-loop life-support systems including food production. Government agencies operating mining and tourism agencies.	Fusion power, space-based solar power. Regolith ISRU. Closed-loop life-support systems including food production. Government agencies operating mining and tourism agencies.	Fusion power, space-based solar power. Government agencies operating tourism for elites in floating cities. Closed-loop life-support systems including food production.	Fusion power. Government agencies operating AI-driven mining with human settlements. Closed-loop life-activities including food production.	Fusion power. Government agencies operating tourism for elites on moons and on large spacecrafts including food production.
2. Protection (Required) (Energy, Security, Health, Well-being, Energy, an quality of life, housing, transportation, defense, resistance)	Everything is under monitoring and surveillance, run by AI and managed by government agencies. The built environment is optimized for air quality and other health factors. AI agents lead police efforts. Formal forces is low (aside from resistance efforts), and consequences are high for legal activities. Financial crime is almost nonexistent due to digitization of all currency and centralization of identity verification.	Everything is under monitoring and surveillance, run by AI and managed by government agencies. The built environment is optimized for air quality and other health factors. AI police enforcement is relaxed compared to Earth, but still present. Space weather monitoring/defense, planetary defense, and space debris monitoring	Everything is under monitoring and surveillance, run by AI and managed by government agencies. The built environment is optimized for air quality and other health factors. AI police enforcement is relaxed compared to Earth, but still present. Space weather monitoring/defense, planetary defense, and space debris monitoring	Everything is under monitoring and surveillance, run by AI and managed by government agencies. The built environment is optimized for air quality and other health factors. AI police enforcement is relaxed compared to Earth, but still present. Space weather monitoring/defense, planetary defense, and space debris monitoring	Everything is under monitoring and surveillance, run by AI and managed by government agencies. The built environment is optimized for air quality and other health factors. AI police enforcement is relaxed compared to Earth, but still present. Space weather monitoring/defense, planetary defense, and space debris monitoring	Everything is under monitoring and surveillance, run by AI and managed by government agencies. The built environment is optimized for air quality and other health factors. AI police enforcement is relaxed compared to Earth, but still present. Space weather monitoring/defense, planetary defense, and space debris monitoring
3. Affection (Required) (Energy, Security, Health, Well-being, Energy, an quality of life, housing, transportation, defense, resistance)	Wife no longer exists in the modern sense. But resistance groups attempt violent and nonviolent means of gaining autonomy within the urban infrastructure managed by the global government. Space weather monitoring/defense, planetary defense, and space debris monitoring	Wife no longer exists in the modern sense. But resistance groups attempt violent and nonviolent means of gaining autonomy within the urban infrastructure managed by the global government. Space weather monitoring/defense, planetary defense, and space debris monitoring	Wife no longer exists in the modern sense. But resistance groups attempt violent and nonviolent means of gaining autonomy within the urban infrastructure managed by the global government. Space weather monitoring/defense, planetary defense, and space debris monitoring	Wife no longer exists in the modern sense. But resistance groups attempt violent and nonviolent means of gaining autonomy within the urban infrastructure managed by the global government. Space weather monitoring/defense, planetary defense, and space debris monitoring	Wife no longer exists in the modern sense. But resistance groups attempt violent and nonviolent means of gaining autonomy within the urban infrastructure managed by the global government. Space weather monitoring/defense, planetary defense, and space debris monitoring	Wife no longer exists in the modern sense. But resistance groups attempt violent and nonviolent means of gaining autonomy within the urban infrastructure managed by the global government. Space weather monitoring/defense, planetary defense, and space debris monitoring
4. Understanding (Required) (Energy, Security, Health, Well-being, Energy, an quality of life, housing, transportation, defense, resistance)	Government stadiums to host spectacles and global sporting events become central loci in large urban centers. Interfaith religious centers are sponsored by the government to promote cultural unity. Underground religious communities comprise a segment of resistance of Earth.					
5. Participation (Required) (Energy, Security, Health, Well-being, Energy, an quality of life, housing, transportation, defense, resistance)	Government stadiums to host spectacles and global sporting events become central loci in large urban centers. Interfaith religious centers are sponsored by the government to promote cultural unity. Underground religious communities comprise a segment of resistance of Earth.					
6. Leisure (Required) (Energy, Security, Health, Well-being, Energy, an quality of life, housing, transportation, defense, resistance)	All educational systems are managed by government agencies. All curriculum content is digital and moderated by AI. Resistance groups own the few book collections that remain, aside from scarce government vaults. Digital collections of government-approved books are widely available. Entrepreneurship only exists in fringe resistance groups, primarily in handicrafts. No business exists outside of a government agency.					
7. Creation (Required) (Energy, Security, Health, Well-being, Energy, an quality of life, housing, transportation, defense, resistance)	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.
8. Identity (Required) (Energy, Security, Health, Well-being, Energy, an quality of life, housing, transportation, defense, resistance)	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.	Lavish use of resources for power projection in urban spaces. Expansive public parks and monuments are maintained. Constellations of orbital reflectors form the Ruler's sign of power in the sky.
9. Freedom (Required) (Energy, Security, Health, Well-being, Energy, an quality of life, housing, transportation, defense, resistance)	A global government enforces its codified policies for all aspects of life. Individual freedoms are highly suppressed. Traditional practices are only maintained by fringe resistance groups and only in Earth's rural areas. Social policies are focused on maintaining order in the global urban landscape.	Inhabitants are all successful government elites or loyal government employees. Local planetary policies are intended to provide a rewarding experience for visitors. Laws remain the same as Earth, but few (if any) resistance members ever visit.	Inhabitants are all successful government elites or loyal government employees. Local planetary policies are intended to provide a rewarding experience for visitors. Laws remain the same as Earth, but few (if any) resistance members ever visit.	Inhabitants are all successful government elites or loyal government employees. Local planetary policies are intended to provide a rewarding experience for visitors. Laws remain the same as Earth, but few (if any) resistance members ever visit.	Inhabitants are all successful government elites or loyal government employees. Local planetary policies are intended to provide a rewarding experience for visitors. Laws remain the same as Earth, but few (if any) resistance members ever visit.	Inhabitants are all successful government elites or loyal government employees. Local planetary policies are intended to provide a rewarding experience for visitors. Laws remain the same as Earth, but few (if any) resistance members ever visit.



Regional-scale satisfaction/dissatisfaction of human needs <small>This section is optional and should be used if needed to capture sub-planetary scale effects, such as a planet with significant forests. Briefly describe any human needs that are met (or unmet) at a regional scale primarily through the physical part of the technosphere.</small>						
Planetary Body	Earth	Moon	Mars	Venus	Asteroids	Outer Planets
Additional narrative for regions	Resistance groups all live within the global urban landscape. Little arable land exists, and attempts at agriculture have all failed. Most members of resistance groups still rely on government rations for survival.					
Needs for each region						



Land Use and Human Biomes <small>For each planetary body, describe the relative fraction of land area utilized for each of the purposes below. Provide any other details needed for understanding the purpose for the allocations. Percentages should be calculated based on the total planetary surface, including on and under water.</small>						
Planetary Body	Earth	Moon	Mars	Venus	Asteroids	Outer Planets
Agricultural and Use (0.5% in 2019)	13% (all in urban, controlled environment settings)	~22.5% (controlled environment)	~0.003% (controlled environment)	0	~0.003% (controlled environment)	0
Urban Land Use (0.2% in 2019)	10% (global-scale urban landscape, and a total of 300 million people on the Moon)	~7.0% (assuming 100 people / square km and a total of 30 million people on the Moon)	~0.021% (assuming 100 people / square km and a total of 30 million people on Mars)	0	~0.001% (assuming 100 people / square km and a total of 3 million people on the outer solar system locations. Some are on the surfaces of moons and are orbiting structures. Land use footprint is negligible	~10 settlements of 10,000 people in various outer solar system locations. Some are on the surfaces of moons and are orbiting structures. Land use footprint is negligible
Other Built Structures (0% in 2019) including floating cities	2% (aquatic)	~0.75%	~0.0021%	One major floating metropolis in the atmosphere of Venus, and use footprint is negligible	Close to 0	~100 large recreational spacecrafts with about 2000 people each, and use footprint is negligible
Wilderness (0.2-2% in 2019) (excludes to all wilderness that is maintained by or outside the technosphere)	60% (almost entirely ocean)	69.25%	99.9139%	Close to 100%	Close to 100%	Close to 100%



Describing the Technosphere <small>For each planetary body, describe the physical components of the technosphere. Consider contributions from planetary and regional scales in the tables above.</small>						
Planetary Body	Earth	Moon	Mars	Venus	Asteroids	Outer Planets
Urban Technosphere	Large planetary-scale urban landscapes connecting all continents. All food production is integrated fully within the level environment. Advanced mass transit systems are globally utilized for regional and global travel. Ground segment of a space elevator that connects the Earth's surface to LEO, facilitating mass transit to and from Earth.	Nuclear fusion units, solar power collectors, controlled environmental agriculture domes, ISRU units (incl. He3), localized waste masses relate to the Ruler's sign	Nuclear fusion units, solar power collectors, controlled environmental agriculture domes, ISRU units (incl. He3), localized waste masses relate to the Ruler's sign	NA	Nuclear fusion units, solar power collectors, controlled environmental agriculture domes, ISRU units (incl. He3), localized waste masses relate to the Ruler's sign	Nuclear fusion units, solar power collectors, controlled environmental agriculture domes, ISRU units (incl. He3), localized waste masses relate to the Ruler's sign
Rural Technosphere	Little arable land, attempts at subsistence farming generally fail. Most land is part of the global urban landscape.	Nuclear fusion units, solar power collectors, controlled environmental agriculture domes, ISRU units (incl. He3), localized waste masses relate to the Ruler's sign	Nuclear fusion units, solar power collectors, controlled environmental agriculture domes, ISRU units (incl. He3), localized waste masses relate to the Ruler's sign	NA	Nuclear fusion units, solar power collectors, controlled environmental agriculture domes, ISRU units (incl. He3), localized waste masses relate to the Ruler's sign	Nuclear fusion units, solar power collectors, controlled environmental agriculture domes, ISRU units (incl. He3), localized waste masses relate to the Ruler's sign
Subterranean Technosphere	Swarms of autonomous robotic patrols preventing the settlement of resistance groups in underground spaces.	Protected facilities in lava caves	Protected facilities in lava caves	NA	Protected facilities within asteroid caves	Underground settlement on Triton
Marine Technosphere	Lavish underwater recreational facilities. Extensive deep seabed mining.	NA	Recreational facilities on martian ice caps	NA	NA	Underwater settlement on Europa
Aerial Technosphere	Atmospheric pollution from industry. Drones and high-altitude platform stations. Upper atmospheric aerosol contaminated with heavy metals from meteors from desorbited satellites	Atmospheric pollution from industry. Drones and high-altitude platform stations. Upper atmospheric aerosol contaminated with heavy metals from meteors from desorbited satellites	Atmospheric pollution from industry. Drones and high-altitude platform stations. Upper atmospheric aerosol contaminated with heavy metals from meteors from desorbited satellites	NA	NA	NA
Orbital Technosphere	Conventional satellites, solar power satellites, debris, debris-hunting spacecraft, planetary defense satellites, reflectors that form the Ruler's sign.	Conventional satellites, solar power satellites, debris, debris-hunting spacecraft, planetary defense satellites, reflectors that form the Ruler's sign	Conventional satellites, solar power satellites, debris, debris-hunting spacecraft, planetary defense satellites, reflectors that form the Ruler's sign	Conventional satellites, solar power satellites, debris, debris-hunting spacecraft, planetary defense satellites, reflectors that form the Ruler's sign	Large orbital recreational spacecraft, space stations, planetary defense satellites, defense from solar flares satellites, orbital reflectors that form the Ruler's sign	Large orbital recreational spacecraft, space stations, planetary defense satellites, defense from solar flares satellites, orbital reflectors that form the Ruler's sign
Deep Space Technosphere	Interplanetary routes	Interplanetary routes	Interplanetary routes	Interplanetary routes	Interplanetary routes	Interplanetary routes



Technosignature Detectability <small>For each planetary body, describe the possible detectable technosignatures. A technosignature is "detectable" if it could theoretically be resolved by known present-day technology (i.e., including orbital mission concepts).</small>						
Planetary Body	Earth	Moon	Mars	Venus	Asteroids	Outer Planets
Optical / UV Technosignatures	Surface alterations from visit and launch of Earth -30 billion (cities) on land on the entire planet). City lights from urban areas. Atmospheric microspikes from Laser emissions for communication with satellites and settlements on other planets. Reflected sunlight from the Ruler's sign constellation. Infrared diode injectors for solar sails for solar management	Leaked CO2 in the atmosphere. Fine regolith particles from industrial activities. Surface alterations from inhabited settlements, population >300 million total. Laser emissions for communication with satellites and settlements on other planets. Reflected sunlight from the Ruler's sign constellation	Leaked CO2 in the atmosphere. Fine regolith particles from industrial activities. Surface alterations from inhabited settlements, population >300 million total. Laser emissions for communication with satellites and settlements on other planets. Reflected sunlight from the Ruler's sign constellation	Leaked CO2 in the atmosphere. Fine regolith particles from industrial activities. Surface alterations from inhabited settlements, population >300 million total. Laser emissions for communication with satellites and settlements on other planets. Reflected sunlight from the Ruler's sign constellation	Laser emissions for communication with satellites and settlements on other planets. Reflected sunlight from the Ruler's sign constellation	Fine regolith particles from inhabited settlements, population >300 million total. Laser emissions for communication with satellites and settlements on other planets. Reflected sunlight from the Ruler's sign constellation
Infrared Technosignatures	Atmospheric pollutants from industry (nearly all products are industrial/technological). Thermal "heat island" signatures of large urban areas covering all continents and some parts of the ocean. Infrared excesses from operational satellites. Upper atmospheric aerosol contaminated with heavy metals	Atmospheric pollutants from industry (nearly all products are industrial/technological). Thermal "heat island" signatures of settled areas. Infrared excesses from operational satellites. Upper atmospheric aerosol contaminated with heavy metals	Atmospheric pollutants from industry (nearly all products are industrial/technological). Thermal "heat island" signatures of settled areas. Infrared excesses from operational satellites. Upper atmospheric aerosol contaminated with heavy metals	Atmospheric pollutants from industry (nearly all products are industrial/technological). Thermal "heat island" signatures of settled areas. Infrared excesses from operational satellites. Upper atmospheric aerosol contaminated with heavy metals	Thermal "heat island" signatures of settled areas. Infrared excesses from operational satellites. Upper atmospheric aerosol contaminated with heavy metals	Thermal "heat island" signatures of settled areas. Infrared excesses from operational satellites. Upper atmospheric aerosol contaminated with heavy metals
Radio Technosignatures	Solar power satellite transmission microwave beams. Directed transmissions from surface stations to Earth-orbiting satellites, as well as drones & high-altitude platform stations, including wireless terrestrial telecommunication. Directed transmissions by human operators for communication settlements on other bodies. Active radar for planetary defense	Solar power satellite transmission microwave beams. Directed transmissions from surface stations to moon-orbiting satellites. Directed transmissions by human operators for communication settlements on other bodies. Active radar for planetary defense	Solar power satellite transmission microwave beams. Directed transmissions from surface stations to Mars-orbiting satellites. Directed transmissions by human operators for communication settlements on other bodies. Active radar for planetary defense	Solar power satellite transmission microwave beams. Directed transmissions from surface stations to Venus-orbiting satellites. Directed transmissions by human operators for communication settlements on other bodies. Active radar for planetary defense	Solar power satellite transmission microwave beams. Directed transmissions from surface stations to Venus-orbiting satellites. Directed transmissions by human operators for communication settlements on other bodies. Active radar for planetary defense	Directed transmissions from human operators for communication settlements on other bodies. Directed transmissions by human operators for communication settlements on other bodies. Active radar for planetary defense
Artificial Technosignatures	Orbiting satellites ("Clarke exobelt") with density 1 million times greater than Earth 2023. Space elevator	Orbiting satellites ("Clarke exobelt") with density 100,000 times greater than Earth 2023. Interplanetary spacecraft to other solar system destinations	Orbiting satellites ("Clarke exobelt") with density 10,000 times greater than Earth 2023. Interplanetary spacecraft to other solar system destinations	Orbiting satellites ("Clarke exobelt") with density 10 times greater than Earth 2023. Interplanetary spacecraft to other solar system destinations	Large orbital recreational spacecraft, space stations, planetary defense satellites, defense from solar flares satellites, orbital reflectors that form the Ruler's sign	Large orbital recreational spacecraft, space stations, planetary defense satellites, defense from solar flares satellites, orbital reflectors that form the Ruler's sign
Quantum Communication Technosignatures	None	None	None	None	None	None
Gravitational Technosignatures	None	None	None	None	None	None
Other Technosignatures						



Recommendations for Technosignature Detection <small>Based on the table above, summarize the most salient prospects for detecting technosignatures from any of the planetary bodies in this scenario. In other words, what would the best salient probes to detect technosignatures from a system in the scenario as described above?</small>	