

Gemini Subsector

CULTURAL PROFILE		1. Date of Preparation																																																								
2. World/Government Name Hephaistos A98A776-B																																																										
PROGRESSIVENESS Attitude <input type="checkbox"/> Radical <input type="checkbox"/> Progressive <input type="checkbox"/> Conservative <input checked="" type="checkbox"/> Reactionary Action <input type="checkbox"/> Enterprising <input checked="" type="checkbox"/> Advancing <input type="checkbox"/> Indifferent <input type="checkbox"/> Stagnant		EXPORTS Natural Resources <input type="checkbox"/> Agricultural <input type="checkbox"/> Ores <input type="checkbox"/> Radioactives <input type="checkbox"/> Gems & Crystals <input type="checkbox"/> Petrochemicals Processed Resources <input checked="" type="checkbox"/> Agricultural <input type="checkbox"/> Alloys <input type="checkbox"/> Agropducts Manufactured Resources <input type="checkbox"/> Weapons <input checked="" type="checkbox"/> Mechanical Parts (Med, Cal) <input type="checkbox"/> Heavy Equipment <input type="checkbox"/> Electronics <input type="checkbox"/> Gravitics																																																								
AGGRESSIVENESS Attitude <input type="checkbox"/> Expansionistic <input type="checkbox"/> Competitive <input checked="" type="checkbox"/> Unaggressive <input type="checkbox"/> Passive Action <input type="checkbox"/> Militant <input checked="" type="checkbox"/> Neutral <input type="checkbox"/> Peaceable <input type="checkbox"/> Conciliatory																																																										
EXTENSIVENESS Global <input type="checkbox"/> Monolithic <input type="checkbox"/> Harmonious <input type="checkbox"/> Discordant <input checked="" type="checkbox"/> Fragmented Interstellar <input type="checkbox"/> Xenophilic <input checked="" type="checkbox"/> Friendly <input type="checkbox"/> Aloof <input type="checkbox"/> Xenophobic																																																										
TECHNOLOGY PROFILE <table border="0"><tr><td>High</td><td>Low</td><td>Energy</td><td>Computers/Robotics</td><td>Communications</td><td>Medical</td><td>Environment</td><td>Land</td><td>Water</td><td>Air</td><td>Space</td><td>Personal Military</td><td>Heavy Military</td><td>Novelty</td></tr><tr><td>8</td><td>5</td><td>3</td><td>3</td><td>3</td><td>E</td><td>C</td><td>9</td><td>8</td><td>8</td><td>D</td><td>C</td><td>9</td><td>E</td></tr><tr><td colspan="2">Common</td><td colspan="5">Quality of Life</td><td colspan="4">Transportation</td><td colspan="2">Military</td><td></td></tr><tr><td colspan="14">Achievement Tech Levels</td></tr></table>			High	Low	Energy	Computers/Robotics	Communications	Medical	Environment	Land	Water	Air	Space	Personal Military	Heavy Military	Novelty	8	5	3	3	3	E	C	9	8	8	D	C	9	E	Common		Quality of Life					Transportation				Military			Achievement Tech Levels													
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Notes on Technology:																																																										

IS Form 22

Cultural Profile Form

3. Government Code and Description 7 Balkanization																
GOVERNMENT DIVISION OF AUTHORITY																
<input type="checkbox"/> Executive <input type="checkbox"/> Legislative <input type="checkbox"/> Judicial	<input type="checkbox"/> Executive <input type="checkbox"/> Legislative <input type="checkbox"/> Judicial	<input type="checkbox"/> Executive <input type="checkbox"/> Legislative <input type="checkbox"/> Judicial														
<input type="checkbox"/> Ruler <input type="checkbox"/> Elite Council <input type="checkbox"/> Several Councils <input type="checkbox"/> Demos	<input type="checkbox"/> Ruler <input type="checkbox"/> Elite Council <input type="checkbox"/> Several Councils <input type="checkbox"/> Demos	<input type="checkbox"/> Ruler <input type="checkbox"/> Elite Council <input type="checkbox"/> Several Councils <input type="checkbox"/> Demos														
DETAILED LAW LEVELS (optional) <table border="0"><tr><td>Overall</td><td>Weapons</td><td>Trade</td><td>Criminal Law</td><td>Civil Law</td><td>Pers. Freedom</td></tr><tr><td>6</td><td>4</td><td>1</td><td>6</td><td>8</td><td>9</td></tr></table>		Overall	Weapons	Trade	Criminal Law	Civil Law	Pers. Freedom	6	4	1	6	8	9	UNIFORMITY OF LAW <input type="checkbox"/> Undivided <input type="checkbox"/> Territorial <input checked="" type="checkbox"/> Personal		
Overall	Weapons	Trade	Criminal Law	Civil Law	Pers. Freedom											
6	4	1	6	8	9											
RELIGIOUS PROFILE (optional) <table border="0"><tr><td>God View</td><td>Spiritual Aim</td><td>Devotion Req.</td><td>Organization</td><td>Lit. Formality</td><td>Mission. Fervor</td><td>Nbr. Adherents</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		God View	Spiritual Aim	Devotion Req.	Organization	Lit. Formality	Mission. Fervor	Nbr. Adherents								Notes on Religion: NA
God View	Spiritual Aim	Devotion Req.	Organization	Lit. Formality	Mission. Fervor	Nbr. Adherents										
Notes on Culture: Largest government is the Hephaistos Corp. Colonized by Terran Federation																
Trade Codes R, W																

IS Form 22 (Reverse) Cultural Profile Form

Systems you have saved in the past:

Random number seed for maps and details

☒ Include World Details in downloads

4138172055

[Save](#) [Update](#) [Load](#) [Delete](#) [Export](#)

[Clear Seed](#) [New Seed](#)

Import File:

[Choose File](#)












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[Download System as CSV](#)

Click on any details button next to a planet to generate more details at random. The details will appear in a new edit box overlaying the web page.

The Hephaistos System (1931 Solomani Rim)

Primary	0	1	2	3	4	5	6	7	8	10
	0.2 AU	0.34 AU	0.58 AU	0.94 AU	1.54 AU	3.04 AU	4.6 AU	9.55 AU	26 AU	77 AU
										
An unnamed star K3 V	Big world YFFA545-7	Large Gas Giant Size: X	Hephaistos A98A776-B ◦ Worldlet F100657-9 ◦ Storm world Y8FA011-7	Inferno YCB0000-0 ◦ Hospitable G140643-5 ◦ Storm world YBF8023-7	Ice world Y640120-4	Rad world Y751000-0	Ice world Y652000-5 ◦ Ring system ◦ Ice world Y377000-6 ◦ Rad world Y300000-0 ◦ Rad world Y300000-0	Ice world Y435031-7 ◦ Ice world Y100011-7	Large Gas Giant Size: Q ◦ Ice world Y799000-3 ◦ Big world YFFA110-8 ◦ Rad world Y542000-0	Ice world Y7A8004-6

Orbit	Decimal Orbit	Orbital Distance	Name	Content Type	UWP	TCs and Remarks	Albedo	Greenhouse multiplier	Average Temperature
Primary				Star	K3 V	Radii (Sol): 0.7022 Mass (Sol): 0.672 Luminosity (Sol): 0.216			
0	<input type="text" value="0"/>	<input type="text" value="0.2 AU"/>		Big world	YFFA545-7	Oc Ni Tz Map Details	0.6	1	-45°C
1	<input type="text" value="0.7"/>	<input type="text" value="0.34 AU"/>		Large Gas Giant	Size: X				
2	<input type="text" value="1.6"/>	<input type="text" value="0.58 AU"/>	Hephaistos	Hospitable	A98A776-B	Wa Ri Map Details	0.58	1.15	-111°C
	<input type="text" value="eff"/>	<input type="text" value="86856 km"/>		Worldlet	F100657-9	Va Ni Na Sa Lk Map Details	0.32	1	-45°C
	<input type="text" value="kay"/>	<input type="text" value="579040 km"/>		Storm world	Y8FA011-7	Wa Sa Lk Map Details	0.8	1	-206°C
3	<input type="text" value="2.8"/>	<input type="text" value="0.94 AU"/>		Inferno	YCB0000-0	He Ba Co Map Details	0.44	1.8	-8°C
	<input type="text" value="gee"/>	<input type="text" value="151840 km"/>		Hospitable	G140643-5	De Ni Po Co Sa Lk Map Details	0.19	1.05	-49°C
	<input type="text" value="aitch"/>	<input type="text" value="189800 km"/>		Storm world	YBF8023-7	Co Sa Lk Map Details	0.8	1	-220°C
4	<input type="text" value="3.9"/>	<input type="text" value="1.54 AU"/>		Ice world	Y640120-4	De He Lo Po Map Details	0.2	1.05	-100°C
5	<input type="text" value="5.1"/>	<input type="text" value="3.04 AU"/>		Rad world	Y751000-0	Ba Po Fr Map Details	0.18	1.05	-147°C
6	<input type="text" value="5.8"/>	<input type="text" value="4.6 AU"/>		Ice world	Y652000-5	Di Po Fr Map Details	0.17	1.05	-169°C
	<input type="text" value="ay"/>	<input type="text" value="9161 km"/>		Ring System					
	<input type="text" value="aitch"/>	<input type="text" value="91610 km"/>		Ice world	Y377000-6	Di Fr Sa Lk Map Details	0.48	1.1	-205°C
	<input type="text" value="kay"/>	<input type="text" value="366440 km"/>		Rad world	Y300000-0	Va Ba Sa Lk Map Details	0.32	1	-192°C
	<input type="text" value="yu"/>	<input type="text" value="3664400 km"/>		Rad world	Y300000-0	Va Ba Sa Map Details	0.24	1	-183°C
7	<input type="text" value="6.9"/>	<input type="text" value="9.55 AU"/>		Ice world	Y435031-	Fr Map Details	0.19	1	-206°C

8	key		276520 km	Ice world	7	Y100011-	Va Sa Lk	Map	Details	0.3	1	-215°C
	▲▼	8.3	▲▼ 26 AU		7	Size: Q						
	ee		464928 km		Y799000-	Di Fr Sa	Lk	Map	Details	0.44	1.15	-241°C
	eye		1859711 km		3	Lk						
10	dub		55791330 km	Big world	YFFA110-	Oc Lo Sa	Lk	Map	Details	0.4	1	-243°C
	▲▼	10	▲▼ 77 AU		8	Lk						
					Y542000-	He Ba	Po Fr Sa	Map	Details	0.2	1.05	-231°C
					0							
				Ice world	Y7A8004-	Fi Fr		Map	Details	0.6	1.3	-258°C
					6							

- 1 (21) Historic Office Building (275 yrs, Formerly Gov. Offices) _____
- 2 (33) Protected Kelp Prairie (1million yrs) ★★★★★
- 3 (15) Historic school of Christian Faith (50yrs) ★
- 4 (46) Specialty Lodging (150yrs, Great Service) ★
- 5 (61) Hunting Excursion (Undersea) _____
- 6 (52) Ancient's Facility, small _____

Library Data: Hephaistos Company

Classification: Corporate – Interstellar Megacorporation

Status: Active

Overview:

The *Hephaistos Company* is a long-standing interstellar conglomerate with broad interests in high-tech manufacturing, genetic science, and advanced materials. Although it operates below the scale and visibility of the biggest megacorporations, Hephaistos is generally regarded as a mega-corp by most commercial and regulatory standards due to its reach, influence, and market integration.

Operations:

Founded nearly 1,000 years ago, Hephaistos maintains headquarters facilities on all subsector capitals and numerous major worlds, with a particularly dense presence across the Solomani Rim. Its business portfolio includes:

- Advanced metallurgy and alloy fabrication
- Starship components and structural composites
- Genetic engineering and human augmentation
- Defense contracting for elite military-grade modifications

Hephaistos is one of the approved suppliers of the *Federation Standard Military Genetic Suite*, a set of enhancements widely adopted by frontline and elite forces. The company is also responsible for several prominent strains of human hybrid variants currently in use across colonized space.

Historical Research:

In the early centuries of its development, Hephaistos engaged in exploratory studies into psionics. These involved controlled exposures of test subjects—sometimes children—to exotic materials and controlled radiation spectra. While the program generated significant internal data, public consensus holds these experiments as unsuccessful, yielding little more than isolated anecdotes and unreliable "parlor trick" phenomena. Most scientists today dismiss those early psionic investigations as inconclusive at best, pseudoscientific at worst.

Assets:

Hephaistos holds corporate dominion over the planet *Hephaistos*, located just rimward of the Sol Subsector in the Gemini Subsector. The planet functions as a secure industrial base, R&D facility, and corporate stronghold with limited public access. Its status as a private world enhances the company's ability to pursue sensitive development and experimental work away from broader scrutiny.

Notable Controversies:

Despite its technological contributions, the company retains a shadowed reputation due to its early psionic experimentation programs and persistent rumors of deep-black genetic research. Regulatory bodies continue to monitor its activities closely, though no formal charges have been brought in recent decades.

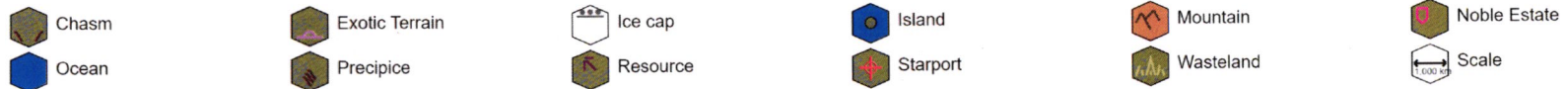
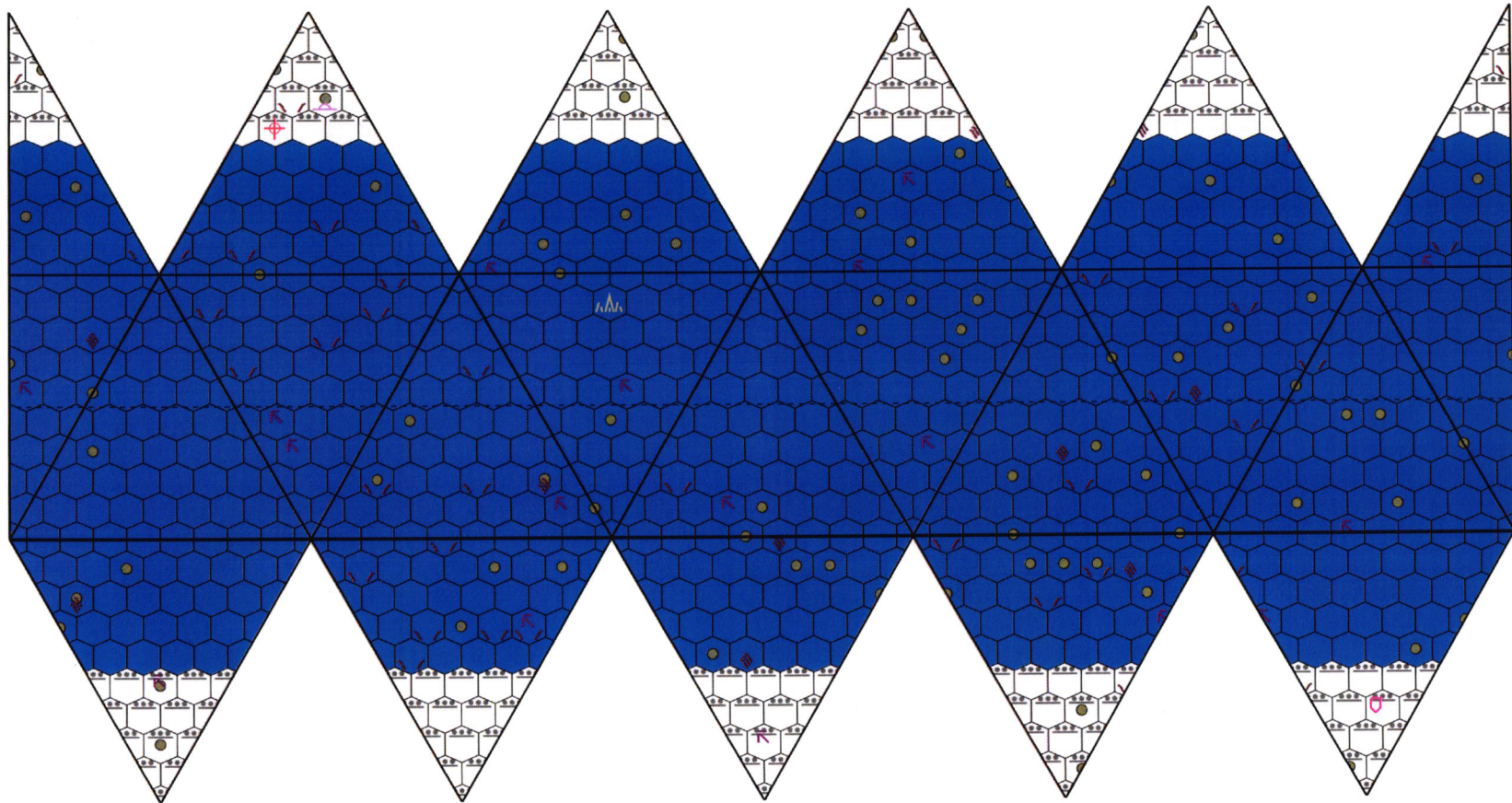
Affiliations:

- Registered Terran Federation Contractor
- Supplier to multiple planetary militias and private security entities
- Known subcontractor to Federal Science Bureau (limited disclosure)

World
Hephaistos
System

UWP
A98A776-B Wa Ri
Trade Classifications and Remarks

-111°
Ice covered



Subject: Hephaistos Company – Forlorn Projects

Access Level: Restricted

Catalog Ref: SC-2123.8F.HP

Overview:

The Hephaistos Company maintained multiple high-level experimental projects on the planet Forlorn, a remote colony with minimal regulatory oversight. Forlorn was used as a staging ground for long-term scientific ventures deemed too ethically sensitive or legally tenuous for more secure corporate installations. In 2962, a planetary-scale rebellion triggered by exploitative administration practices began. Despite repression attempts by the company, their defeat slowly came ending in a forced the evacuation of Hephaistos personnel and the abandonment of several major assets in 3000. The loss of these projects remains a significant strategic and financial blow to the company and more importantly a problem for the Federation.

Project Prometheus-Vault (Formerly Element 0 Exposure Control Study)

Initiated: circa 700+ years ago

Scope: Project Prometheus-Vault originated during Hephaistos' early psionic experimentation phase. A cohort of high-response subjects were exposed to carefully calibrated chemical, radiological, and material compounds in pursuit of predictable psionic activation. Though most test groups perished or were permanently disabled, a small percentage exhibited active psionic capabilities alongside advanced neuroplasticity and accelerated learning rates.

To avoid violating early Federation laws on human experimentation, successful subjects were placed in indefinite cryostasis, exploiting a legal loophole: unconscious subjects were not technically experiencing harm. These cryo-subjects were held in deep vaults beneath Hephaistos' Forlorn research complex, largely forgotten after later methods yielded more consistent (though less potent) results.

Recovered insurgent logs suggest that rebel forces inadvertently reawakened these individuals during their looting of Hephaistos compounds. Several of the revived subjects are now unaccounted for. Intelligence indicates at least three survivors demonstrated sustained psionic talents, including remote perception, suggestion, and short-range telekinetics. Their whereabouts remain unknown.

Project Aegis-Whisper (White Globe Drive Ship)

Scope: This classified propulsion and power-generation program centered on the integration of an "Ancients-derived" white globe energy core into a next-generation deep-space stealth corvette. The recovered artifact allowed energy to be captured, recycled, and contained within a pressureless field — effectively shielding thermal and EM signatures from standard scans. This stealth property was coupled with a compact, high-output fusion-reactor matrix, granting the ship unparalleled operational discretion.

Designation: *HCS Ghost Ember*

Project Aegis-Whisper represented a multi-billion credit investment and included a prototype hull fabricated from phase-diffuse alloys. The *Ghost Ember* vanished during the uprising, either commandeered by rebel forces or destroyed. Hephaistos' recovery teams have been unable to verify the ship's status. Intelligence assets are on long-term assignment to monitor black market ship registries and anomalous stealth traffic.

Loss of the *Ghost Ember* has been cited in internal audit reports as a principal cause of Hephaistos' stagnation in stealth propulsion development. The company continues to deny its existence publicly. Requests for additional funding and money owed to the Federation has caused a significant depreciation in stock prices and cash on hand for the company.

Implications and Threat Assessment:

- Surviving Prometheus subjects pose a significant uncontrolled psionic threat. Potential uplift candidates for foreign powers or dissident groups.
- The *Ghost Ember* remains a technological wildcard. If recovered or weaponized by hostile actors, it could shift covert operations balance in multiple sectors.
- Leaks of either project could result in formal sanctions or force judicial action against Hephaistos under retroactive ethics legislation.

Classified Directive:

Continued suppression of Forlorn incident details is a priority. Monitor for resurfacing Prometheus subjects. High-value recovery operation for *Ghost Ember* is authorized under Operation Shadow Vane protocols.

WARNING: Dissemination of this document without express authorization from Hephaistos Central Directorate or Federation Oversight Command constitutes treason and violation of Interstellar Corporate Secrecy Protocols (ICSP 409.3).