

-Player

Casey Link

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Current Balance \$8.00

Privacy: No

☐ VisaMC

USA

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Empire

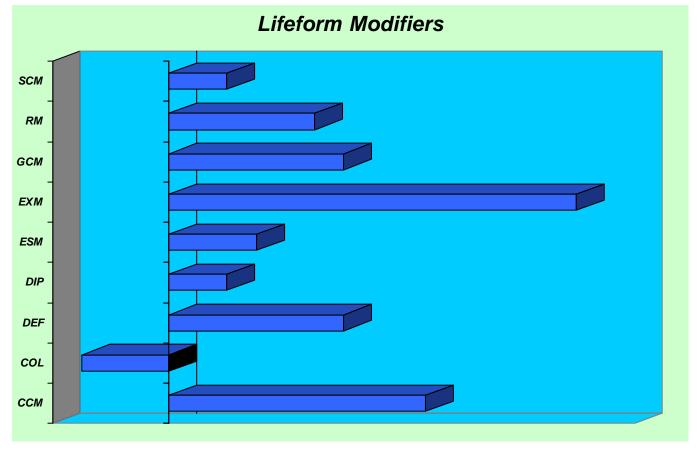
The Form of the Good

Empire # 296

Government

Autocratic Technocracy

A Golden Rising Sun On A Field Of Blue Imperial Tradition Science





Imperial Activity Report

Santa comes early again this year! The Santa gift of 90 bonus saved lifeform points will be added to your imperial records at the conclusion of this turn. If you have some points already saved, the 72 will simply be added to that total and used normally. If you have none saved, or have already exhausted all of your saved points, the 72 points will be added and flagged just like the original saved points. In this case they will not be triggered for use unless you execute an SRP order next turn. This was done because some players who miss the turn or otherwise don't submit an SRP order might not want the 90 points spent on whatever happens to be in their slot 1 Research Center next turn. Thus, if you have no saved points left over and do not submit an SRP order next turn, you will still have the 90 points saved - they will be triggered and used the first time you submit an SRP order (just like on the original setup).

used the first time you submit an SRP order (just like on the original setup). ______ ----PMAP (Planet Map)----PMAP: 102, 0 102nd Recon Group #102 located at Soebeslav-1, conducts a detailed Planet Map of the main planet Temperature(Kelvin) Axial Tilt Gravity Atmosphere 28 1.3 Chlorine Conifer Forest 31%, Forested Swamp 30%, Primitive Forest 16%, Barren Rock 12%, Swamp 10%, Bog 1% Microorganisms on this world are virtually nonexistent. Pollution is nowhere to be seen, while Radiation levels are undetectable. ----PMAP (Planet Map)----PMAP: 103, 0 103rd Recon Group #103 located at Soebeslav-3, conducts a detailed Planet Map of the main planet Temperature(Kelvin) Axial Tilt Gravity Atmosphere --- 0.1 Vacuum 51 Asteroids 100% (this orbital location is filled with a dense asteroid field) Microorganisms on this world are virtually nonexistent. Pollution is nowhere to be seen, while Radiation levels are ______ ----PMAP (Planet Map)----PMAP: 104, 0 104th Recon Group #104 located at Soebeslav-4, conducts a detailed Planet Map of the main planet Temperature(Kelvin) Axial Tilt Gravity Atmosphere Ocean 24 1.2 Carbon Dioxide Liquid Ammonia Liquid Ammonia 65%, Swamp 15%, Glacier 12%, Permafrost 3%, Forested Mountains 2%, Bog 1%, Craters 1%, Snow Drifts 1% Microorganisms on this world are virtually nonexistent. Pollution is nowhere to be seen, while Radiation levels are undetectable. _____ ----PMAP (Planet Map)----PMAP: 105, a 105th Exploratory #105 located at Soebeslav-4a, conducts a detailed Planet Map of moon a Temperature(Kelvin) Axial Tilt Gravity Atmosphere 12 0.1 108 Nitrogen Liquid Nitrogen Liquid Gases 39%, Crystal Plains 20%, Crystal Forest 14%, Glacier 13%, Craters 11%, Snow Drifts 1%, Tundra 1%, Ice Fields 1% Microorganisms on this world are virtually nonexistent. Pollution is nowhere to be seen, while Radiation levels are _______ ----PMAP (Planet Map)----PMAP: 106. b 106th Exploratory #106 located at Soebeslav-4b, conducts a detailed Planet Map of moon b

Temperature(Kelvi	in) Axial Tilt	Gravity	Atmosphere	Ocean	
46	3	0.1	Vacuum	-None-	
Barren Rock 44%, Ice Fields 3 Microorganisms on this world undetectable.				seen, while Radiation leve	ls are
	:=========				
PMAP: 107, c		-PMAP (Planet Ma	ap)		
107th Exploratory #107 locate	ed at Soebeslav-4c, o		iled Planet Map of mo	on c	
Temperature(Kelvi	in) Axial Tilt	Gravity	Atmosphere	Ocean	
116 Ice Fields 43%, Snow Drifts 3 Microorganisms on this world undetectable.	24 37%, Crystal Forest 1	0.1 13%, Barren Rock	Chlorine k 4%, Tundra 1%, Crys	Liquid Nitrogen tal Plains 1%, Permafrost	
PMAP: 108, 0		-PMAP (Planet Ma	ap)		
	al at Garbarda E			and a state of	
108th Exploratory #108 locate	d at Soebeslav-5, co	onducts a detail	led Planet Map of the	main planet	
Temperature(Kelvi	in) Axial Tilt	Gravity	Atmosphere	Ocean	
49	12	1	Vacuum	-None-	
Crystal Plains 56%, Crystal F Microorganisms on this world undetectable.				seen, while Radiation leve	ls are
	:==========				
CON: 1, Colonial Training Cen		(Construct Insta	allation)		
Imperial construction workers	report that 1 Colo	nial Training Ce	enter(s) was built at	Population Group # 16532	
=======================================					=======
ANZ: Mk I Fusion Engine					
Mk I Fusion Engine:	100-ton unit, is so superior maneuveral in the ability of y additional Action I power plant in this does not handle con spectacular exploss	elf-sustaining a pility, simply a your ships to averounts for your s series of engi mbat damage part ion upon suffer:	and requires no exter add more engines to y void certain types of ships to use during ines is stable under ticularly well, with ing grievious damage.	ive. It is a self-contain nal power source. To achi our design. Maneuverabili enemy weapons, and provid civilian operations. The normal operating condition a tendency to detonate in (100 tons) 200 Improved rials - 100 Improved Proce	eve ty aids es fusion s but a Steel -
Classification: Jump Drive Prerequisite Technologies: M Maneuverability: Adequate [Th Counters: Missiles, Fighters,	nrust Output: 1000]	cy: 80			
					=======
ANZ: Mk I Nuclear Pulse Engin	ıe				
Mk I Nuclear Pulse Engine:	improve fighter and technologies improv	d drone maneuver ve the tactical	rability upon being r abilities of your Di	eborne fighters and drones esearched, much like groun- visions. They do not need logy successfully research	d combat to be
Classification: Jump Drive This Item cannot be manufactu Prerequisite Technologies: M	Mk II Nuclear Engine				
ANZ: Mk II Nuclear Engine		-ANZ (Analyze It			======

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Mk II Nuclear Engine:
                      This is a second generation, nuclear-powered maneuver drive. It is a self-contained
                      100-ton unit, is self-sustaining and requires no external power source. To achieve
                      superior maneuverability, simply add more engines to your design. (100 tons) 200 Steel -
                      100 Electronics - 100 Synthetic Materials - 100 Processed Radioactives
Classification: Jump Drive
                     Structural Integrity: 100
Prerequisite Technologies: Mk I Nuclear Engine
Maneuverability: Fair [Thrust Output: 500]
Counters: Missiles, Fighters, Drones
_______
                                  ----BI (Build Item)----
BI: 75000, Light Metals, 16532, 1500, No
Industrial managers add 75000 Light Metals to Population Group # 16532's production queue with a priority of 1500
_______
                                  ----BI (Build Item)----
BI: 25000, Transaluminum, 16532, 1510, No
Industrial managers add 25000 Transaluminum to Population Group # 16532's production queue with a priority of 1510
______
                                  ----BI (Build Item)----
BI: 230000, Refined Crystals, 16532, 1520, No
Industrial managers add 230000 Refined Crystals to Population Group # 16532's production queue with a priority of 1520
------
                                  ----BI (Build Item)----
BI: 115000, Synthetic Materials, 16532, 1530, No
Industrial managers add 115000 Synthetic Materials to Population Group # 16532's production queue with a priority of 1530
_______
                                   ----BI (Build Item)----
BI: 115000, Electronics, 16532, 1540, No
Industrial managers add 115000 Electronics to Population Group # 16532's production queue with a priority of 1540
______
                                   ----BI (Build Item)----
BI: 25, Type A Science Lab, 16532, 1550, No
Industrial managers add 25 Type A Science Lab to Population Group # 16532's production queue with a priority of 1550
----BI (Build Item)-----
BI: 180000, Iron, 16532, 1560, No
Industrial managers add 180000 Iron to Population Group # 16532's production queue with a priority of 1560
______
                                  ----BT (Build Ttem)----
BI: 60000, Steel, 16532, 1570, No
Industrial managers add 60000 Steel to Population Group # 16532's production queue with a priority of 1570
_______
                                  ----BI (Build Item)----
BI: 25, Survey Lander, 16532, 1580, No
Industrial managers add 25 Survey Lander to Population Group # 16532's production queue with a priority of 1580
----SRP (Set Research Priority)-----
SRP: Mk II Jump Survey Sensor, Superconductor, 2nd Generation Civil Engineering, 2nd Generation Planetary Science,
   1st Generation Planetary Engineering, 2nd Generation Space Science, Improved Construction Materials, Improved
Electronics.
   Improved Fuel, Improved Refined Crystals, Improved Synthetic Materials, 1st Generation Terraforming, Mk II Short Range
   MK II Nuclear Engine, 2nd Generation Life Science, 2nd Generation Medical Science, Mk II Computer System, 2nd
Generation Telepathics,
   2nd Generation ESP, 2nd Generation Computer Systems, Improved Steel, Improved Transaluminum, Improved Petroleum,
   Improved Processed Radioactives, Improved Timber
** Imperial Research HQ indicates that we already possess full knowledge of the MK II Nuclear Engine
Imperial Researchers replace Needler in Research Group 1 with Mk II Jump Survey Sensor
Imperial Researchers replace Superconductor in Research Group 2 with Superconductor
Imperial Researchers replace 2nd Generation Civil Engineering in Research Group 3 with 2nd Generation Civil Engineering
Imperial Researchers replace 2nd Generation Planetary Science in Research Group 4 with 2nd Generation Planetary Science
Imperial Researchers replace 1st Generation Planetary Engineering in Research Group 5 with 1st Generation Planetary
Imperial Researchers replace 2nd Generation Space Science in Research Group 6 with 2nd Generation Space Science
Imperial Researchers replace Improved Construction Materials in Research Group 7 with Improved Construction Materials
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Imperial Researchers replace Improved Electronics in Research Group 8 with Improved Electronics
Imperial Researchers replace Improved Fuel in Research Group 9 with Improved Fuel
Imperial Researchers replace Improved Refined Crystals in Research Group 10 with Improved Refined Crystals
Imperial Researchers replace Improved Synthetic Materials in Research Group 11 with Improved Synthetic Materials
Imperial Researchers replace 1st Generation Terraforming in Research Group 12 with 1st Generation Terraforming
Imperial Researchers replace Mk II Short Range Sensor in Research Group 13 with Mk II Short Range Sensor
Imperial Researchers replace 2nd Generation Life Science in Research Group 15 with 2nd Generation Life Science
Imperial Researchers replace 2nd Generation Medical Science in Research Group 16 with 2nd Generation Medical Science
Imperial Researchers replace Mk II Computer System in Research Group 17 with Mk II Computer System
Imperial Researchers replace 2nd Generation Telepathics in Research Group 18 with 2nd Generation Telepathics
Imperial Researchers replace 2nd Generation ESP in Research Group 19 with 2nd Generation ESP
Imperial Researchers replace 2nd Generation Computer Systems in Research Group 20 with 2nd Generation Computer Systems
Imperial Researchers replace Improved Steel in Research Group 21 with Improved Steel
Imperial Researchers replace Improved Transaluminum in Research Group 22 with Improved Transaluminum
Imperial Researchers replace Improved Petroleum in Research Group 23 with Improved Petroleum
Imperial Researchers replace Improved Processed Radioactives in Research Group 24 with Improved Processed Radioactives
Imperial Researchers replace Improved Timber in Research Group 25 with Improved Timber
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                                      ----ANZ (Analyze Item)----
ANZ: Thermo-Atomic Bomb
Thermo-Atomic Bomb:
                         Thermo-Atomic Bombs are mass destruction devices that use extreme heat created from a
                          small nuclear detonation to cause their damage. They put out less radiation but more
                          heat than many other MDD's. (10 tons) 10 Steel - 20 Electronics - 10 Processed
                          Radioactives - 10 Shenn Stones
Classification: Mass Destruction Device
Prerequisite Technologies: Nuclear Bomb
Nuclear Weapons Offense: Fair [300]
------
                                      ----ANZ (Analyze Item)----
ANZ: 10cm Gauss Gun
10cm Gauss Gun:
                          Gauss Guns accelerate projectiles down a long tube that often runs the length of a ship.
                          The projectiles are cased in steel, imparted a magnetic charge, and boosted toward the
                          target at fantastic speeds. A cluster of Gauss Guns fired all at once can either shred a
                          target with small or medium-sized projectiles....or miss entirely. There's nothing quite
                          like a hit from a battery of Gauss Guns, and weapons crews often refer to targets struck
                          in such a manner as being "de-gaussed", though it seems to be an inside joke since it
                          doesn't seem to make any sense to anybody other than a Gauss Gunner. (200 tons) \, 800
                          Steel - 200 Electronics
Classification: Weapon
                     Range: Beam
                                  Structural Integrity: 200
Prerequisite Technologies: 10cm Autocannon
Projectile Strength: Fair [400]
______
                                      ----ANZ (Analyze Item)----
ANZ: 20cm Autocannon
                         The 20cm Autocannon is a relatively slow-firing weapon that ejects a large explosive
20cm Autocannon:
                          projectile every few seconds. It is roughly the size of a modern 8" gun and can inflict
                          significant damage when properly trained upon a target. (200 tons) 800 Steel - 200
                          Electronics
Classification: Weapon
                     Range: Beam
                                  Structural Integrity: 200
Prerequisite Technologies: 10cm Autocannon
Projectile Strength: Fair [400]
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                                      ----ANZ (Analyze Item)-----
ANZ: 2.5cm Chain Gun
2.5cm Chain Gun:
                         Chain Guns are an offshoot of the larger Autocannon technology, providing a reduced-size
                          alternative to the massive Autocannons. The rate of fire is increased dramatically to
                          allow for ejection of an increble stream of small projectiles at whatever unfortunate
                          target happens to be in the way. Chain Guns have a tendency to make a sound similar to
                          that of a large zipper being opened and closed rapidly. Because of this effect, they are
                          sometimes called Zippers by weapons crews fond of using them. (10 tons) 40 Steel - 10
                          Electronics
Classification: Weapon Range: Beam
                                  Structural Integrity: 10
Prerequisite Technologies: 10cm Autocannon
Projectile Strength: Fair [20]
______
                                      ----ANZ (Analyze Item)----
ANZ: 4cm Gatling CIDS
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4cm Gatling CIDS:

The 4cm Gatling CIDS is a second generation, close-in defense system designed to engage homing weapons, fighters and drones with a stream of high-explosive shell fire. The weapon mount is a compact, 10-ton unit that includes not only the weapon itself but all support equipment for the system and all standard facilities for the weapon's small crew. (10 tons) 40 Steel - 10 Electronics

Classification: Defensive System Structural Integrity: 10

Prerequisite Technologies: 10cm Autocannon

Point Defense Accuracy: Fair [50] Counters: Missiles, Fighters, Drones

----ANZ (Analyze Item)----

ANZ: Attack Helicopter

Attack Helicopter:

Attack Helicopters are a ground combat technology, improving the aerial combat capabilities of your forces. AH's are equipped with heavy machineguns and a chaingun, and are best used in a direct ground support role.

Classification: Ground Combat

This Item cannot be manufactured, and is either a ground combat upgrade or a prerequisite for other technologies

Prerequisite Technologies: Helicopter Air Support Strength: Fair [300]

----ANZ (Analyze Item)-----

ANZ: Blister Agents Chemical Munitions

Blister Agents Chemical Munitions:

Blister Agents are a chemical munitions weapon used in ground combat. Enemy soldiers caught unprepared to handle the effects of chemical weapons can be very badly injured or even killed out right. Like all other ground combat technologies, Blister Agent Chemical Munitions are instantly available to all of your Divisions, and are not constructed individually.

Classification: Ground Combat

This Item cannot be manufactured, and is either a ground combat upgrade or a prerequisite for other technologies

Prerequisite Technologies: Irritant Agents Chemical Munitions, 1st Generation Medical Science, 1st Generation Life Science
Chemical Weapons Offense: Adequate [1000]

----ANZ (Analyze Item)----

ANZ: Aquatic Installation Construction

Aquatic Installation Construction:

Aquatic Installation Construction makes your Installations in aquatic environments more difficult to destroy in ground combat. This technology also grants a favorable colonization modifier under the right conditions by providing your colonists with subsea habitats.

Classification: Horizon Technology

This Item cannot be manufactured, and is either a ground combat upgrade or a prerequisite for other technologies Prerequisite Technologies: 1st Generation Civil Engineering

----ANZ (Analyze Item)----

ANZ: Blowpipe Surface-to-Air Missile

Blowpipe Surface-to-Air Missile:

Surface-to-Air Missiles such as the Blowpipe are used against enemy atmospheric aircraft, and can be extremely effective in this role. This form of SAM is particularly popular because it is man-portable and packs a nasty sting.

Classification: Ground Combat

This Item cannot be manufactured, and is either a ground combat upgrade or a prerequisite for other technologies

Prerequisite Technologies: Anti-Aircraft Artillery

Air Defense Strength: Fair [300]

----ANZ (Analyze Item)----

ANZ: Brumbar Infantry Support Gun

Brumbar Infantry Support Gun:

The Brumbar Infantry Support Gun is a heavy artillery piece deployed as a way to provide your troops with heavy close-range support firepower. Brumbars can level buildings in seconds and clear the way for a full-scale infantry assault.

Classification: Ground Combat

This Item cannot be manufactured, and is either a ground combat upgrade or a prerequisite for other technologies Prerequisite Technologies: M82 Mortar

Heavy Weapons Strength: Fair [300]

----ANZ (Analyze Item)----

ANZ: Chameleon Cloak

Chameleon Cloaks are used by infiltrators to increase their camouflage capabilities and

increase their chances of slipping past enemy sentries. This is a good way to counter enemy security personnel and make raids behind the front lines. They are superior to the

Sneak Suit in every way.

Classification: Ground Combat

This Item cannot be manufactured, and is either a ground combat upgrade or a prerequisite for other technologies

Prerequisite Technologies: Sneak Suit Camouflage Terrain Strength: Fair [300]

----ANZ (Analyze Item)----

ANZ: C552 HE Demo Charge

C552 HE Demo Charge: C552 HE Demo Charges are used to obliterate fixed targets in ground combat. If your

troopers can affix a C552 to a target and get away safely, detonation often leaves little

more than a smoking, burned-out crater....

Classification: Ground Combat

This Item cannot be manufactured, and is either a ground combat upgrade or a prerequisite for other technologies

Prerequisite Technologies: High Explosive Demolition Charge

Engineering Strength: Fair [300]

----ANZ (Analyze Item)----

ANZ: Combat Environment Suit

Combat Environment Suit: Light body armor equipped with environmental protection gear provides for some casualty

reduction along with adequate protection from the elements.

Classification: Ground Combat

This Item cannot be manufactured, and is either a ground combat upgrade or a prerequisite for other technologies

Prerequisite Technologies: Ablative Armor

Close Combat Strength: Fair [300]

----ANZ (Analyze Item)-----

ANZ: Fighter

Fighter: Fighters are low technology space fighters that are designed primarily to engage enemy

fighters and some types of ordnance. They have some dual purpose capability, making them a more versatile weapon than the pure Interceptor. Their primary weapons include short ranged missiles and an onboard laser. The Fighter is somewhat effective as an anti-ship platform, but it is expected to be outclassed in this role once dedicated attack craft can be developed. (100 tons) 200 Transaluminum - 100 Electronics - 100 Processed

Radioactives - 100 Fuel

Classification: Fighter Bay Range: Beam Structural Integrity: 100

Prerequisite Technologies: Interceptor Point Defense Accuracy: Fair [100] Counters: Missiles, Fighters, Drones

Missile Strength: Fair [500]

----ANZ (Analyze Item)----

ANZ: ESP Deluder

ESP Deluder: The ESP Deluder is an ESP-based mass destruction device that sends mental shockwaves

through a large area. This can have devastating effects on all lifeforms in the area, causing mass hallucinations and frequent deaths, while also inflicting some damage on

physical structures. (10 tons) 10 Steel - 20 Electronics - 20 Garoxx Jewels

Classification: Mass Destruction Device Prerequisite Technologies: 1st Generation ESP

ESP Strength: Poor [100]

Nuclear Weapons Offense: Poor [400]

----ANZ (Analyze Item)----

ANZ: Gas Cannon

Gas Cannon: Gas Cannons use a powerful gas-powered ejection system to deploy heavy explosive shells

into enemy positions during ground combat situations. They have a slow rate of fire but

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pack a mighty punch.

Classification: Ground Combat

This Item cannot be manufactured, and is either a ground combat upgrade or a prerequisite for other technologies

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Prerequisite Technologies: Harpoon Gun
Small Arms Strength: Fair [300]
______
                                         ----ANZ (Analyze Item)----
ANZ: Frost Cannon
Frost Cannon:
                           Frost Cannon strike the target ship with a beam of so-called negative energy, effectively
                            freezing the target with intense cold. This has severe effects on many of the target's
                            systems and can also prove fatal to unprotected crewmembers. (200 tons) 200 Gemstones -
                            200 Ghuran Demonblood - 200 Refined Crystals - 200 Steel - 200 Electronics
                                     Structural Integrity: 200
Classification: Weapon Range: Beam
Prerequisite Technologies: Light Thermal Lance
Cold Strength: Fair [400]
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                                         ----ANZ (Analyze Item)----
ANZ: Gas Cannon
Gas Cannon:
                           Gas Cannons use a powerful gas-powered ejection system to deploy heavy explosive shells
                           into enemy positions during ground combat situations. They have a slow rate of fire but
                           pack a mighty punch.
Classification: Ground Combat
This Item cannot be manufactured, and is either a ground combat upgrade or a prerequisite for other technologies
Prerequisite Technologies: Harpoon Gun
Small Arms Strength: Fair [300]
_______
                                ** Imperial Advisor Report: Event Summary **
Industries and mining Installations operate within the limits of available resources and power
 - Hydroelectric Power Plant: 166,000 Power(s) were produced in Population Group # 16532
 - Fuel Refinery: 0 Fuel(s) were produced in Population Group # 16532 (lack of Gaseous Elements)
 - Chemical Refinery: 690,375 Industrial Chemicals(s) were produced in Population Group # 16532
 - Crystal Refinery: 301,890 Crystals(s) were produced in Population Group # 16532
 - Iron Mine: 772,840 Iron(s) were produced in Population Group # 16532
> Philosopher King Plutarch used his/her negotiating abilities as a Diplomat to good effect, solving several labor disputes
to improve Lumber extraction in Population Group # 16532!
 - Lumber Mill: 583,870 Lumber(s) were produced in Population Group # 16532
 - Petrochemical Refinery: 309,760 Petrochemicals(s) were produced in Population Group # 16532
 - Rare Elements Mine: 392,040 Rare Elements(s) were produced in Population Group # 16532
 - Stripmining Complex: 55,502,000 Raw Resources(s) were produced in Population Group # 16532
 - 100 Gaseous Elements(s) were produced in Population Group # 16532
                                                                                              [ 83,001,000 ]
                                                                                              [ 23,001,000 ]
 - 6,000,000 Iron(s) were produced in Population Group # 16532
 - 2,000,000 Steel(s) were produced in Population Group # 16532
                                                                                              [ 17,001,000 ]
                                                                                              [ 16,941,000 ]
 - 6,000 Radioactive Elements(s) were produced in Population Group # 16532
 - 2,000 Processed Radioactives(s) were produced in Population Group # 16532
                                                                                              [ 16,935,000 ]
 - 75,000 Cargo Bay(s) were produced in Population Group # 16532
                                                                                              [ 16,560,000 ]
 - 25,000 Fuel Tankage(s) were produced in Population Group # 16532
                                                                                              [ 16,435,000 ]
 - 10 Colonial Berthing(s) were produced in Population Group # 16532
                                                                                              [ 15,935,000 ]
  75,000 Light Metals(s) were produced in Population Group # 16532
                                                                                              [ 15,185,000 ]
  Light Metals in Population Group # 16532 (an untooled Item) has been completely produced
  . Production of Refined Crystals in Population Group # 16532 is reduced to 100630 because only 301890 Crystals are present
 - 100,630 Refined Crystals(s) were produced in Population Group # 16532
                                                                                              [ 14,883,110 ]
                                                                                              [ 14,808,110 ]
 - 25,000 Transaluminum(s) were produced in Population Group # 16532
  Transaluminum in Population Group # 16532 (an untooled Item) has been completely produced
  . Production of Synthetic Materials in Population Group # 16532 is reduced to 100 because only 100 Gaseous Elements are
present
 - 100 Synthetic Materials(s) were produced in Population Group # 16532
  . Production of Refined Crystals in Population Group # 16532 is cancelled because no Crystals are available
 - No Refined Crystals(s) were produced in Population Group # 16532 because of insufficient Industrial output, available
resources or Power
 . Production of Synthetic Materials in Population Group # 16532 is cancelled because no Gaseous Elements are available
 - No Synthetic Materials(s) were produced in Population Group # 16532 because of insufficient Industrial output, available
resources or Power
  . Production of Electronics in Population Group # 16532 is reduced to 100630 because only 201260 Refined Crystals are
present
 . Production of Electronics in Population Group # 16532 is reduced to 460 because only 460 Synthetic Materials are present
 - 460 Electronics(s) were produced in Population Group # 16532
                                                                                              [ 14,806,430 ]
  . Production of Type A Science Lab in Population Group # 16532 is reduced to 0 because only 460 Electronics are present
 - No Type A Science Lab(s) were produced in Population Group # 16532 because of insufficient Industrial output, available
resources or Power
                                                                                              [ 13,006,430 ]
 - 180,000 Iron(s) were produced in Population Group # 16532
  Iron in Population Group # 16532 (an untooled Item) has been completely produced
 - 60,000 Steel(s) were produced in Population Group # 16532
                                                                                              [ 12,826,430 ]
  Steel in Population Group # 16532 (an untooled Item) has been completely produced
  . Production of Survey Lander in Population Group # 16532 is reduced to 0 because only 460 Electronics are present
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- No Survey Lander(s) were produced in Population Group # 16532 because of insufficient Industrial output, available
resources or Power
Technologist <needs name> receives a promotion to the rank of Academician!
Bureaucrats on Soebeslav - 2 discover a citizen who shows special skills, and recruit him into Imperial service as a Scout!
A talented young individual is discovered on Soebeslav - 2 and accepts service in the Empire as a Scholar!
A Pathfinder class Fleet Scout has been completed and assigned to 101st Recon Group # 101
Mk II Jump Survey Sensor technology has just been completed!
                                     ----ANZ (Analyze Item)----
ANZ: Mk II Jump Survey Sensor
Mk II Jump Survey Sensor:
                         Jump Survey Sensors are used to probe the depths of Warp Points and determine the safest
                         route through a warp tunnel for ships to traverse. It is not possible to enter a Warp
                         Point without having successfully surveyed it first, making Jump Survey Sensors a
                         critical piece of technology. More complex Warp Points are more difficult to survey; to
                         overcome this problem, more Jump Survey Sensors can be installed on a ship, or
                         (preferably) more advanced Jump Survey Sensors should be installed. Some Warp Points are
                         so difficult to survey that many high tech Jump Survey Sensors along with highly skilled
                         individuals experienced in exploration work may be required. (5,000 tons) 20,000
                         Electronics - 5,000 Synthetic Materials
                    Structural Integrity: 5000
Classification: Sensor
Prerequisite Technologies: Mk I Jump Survey Sensor, 1st Generation Space Science
Warp Survey Gear: Fair
______
Population Group # 16532 on Soebeslav - 2 realizes reproductive growth of 654 population units
Excess Power = 87,423 in Population Group # 16532
_______
                             ** Imperial Navy Report: Fleet Summary **
101st Recon Group # 101, Soebeslav - 2, (AP: 2, Ships: 6), 72,000 tons Fuel: 2,400 / 7,200
102nd Recon Group # 102, Soebeslav - 1, (AP: 2, Ships: 1), 12,000 tons Fuel: 1,200 / 1,200
103rd Recon Group # 103, Soebeslav - 3, (AP: 2, Ships: 1), 12,000 tons Fuel: 1,200 / 1,200
104th Recon Group # 104, Soebeslav - 4, (AP: 2, Ships: 1), 12,000 tons Fuel: 1,200 / 1,200
105th Exploratory # 105, Soebeslav - 4a, (AP: 2, Ships: 1), 12,000 tons Fuel: 1,200 / 1,200
106th Exploratory # 106, Soebeslav - 4b, (AP: 2, Ships: 1), 12,000 tons Fuel: 1,200 / 1,200
107th Exploratory # 107, Soebeslav - 4c, (AP: 2, Ships: 1), 12,000 tons Fuel: 1,200 / 1,200
108th Exploratory # 108, Soebeslav - 5, (AP: 2, Ships: 1), 12,000 tons Fuel: 1,200 / 1,200
Homeworld PDC # 501, Soebeslav - 2, (AP: 2, Ships: 1), 500,000 tons
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Fleet Report WP 0 Soebeslav 2 On Station 101st Recon Group # 101 ROE Q Column Attack Fleet Tonnage 72,000 2,400 of 7,200 Jump Capable **V** Action Points 2,400 Fuel Transwarp AP Pathfinder class Fleet Scout WP 0 Soebeslav 1 On Station # 102 102nd Recon ROE Q Column Attack Group Fleet Tonnage 12,000 Fuel 1.200 of 1.200 Jump Capable **V** Action Points 2 1,200 Transwarp AP Pathfinder class Fleet Scout WP 0 Soebeslav 3 On Station # 103 103rd Recon Group ROE Q Column Attack 12,000 Fleet Tonnage 1,200 of 1,200 Jump Capable **~** Action Points Transwarp AP Pathfinder class Fleet Scout Soebeslav 4 WP 0 On Station # 104 104th Recon Group ROE Q Column Attack 12,000 Fleet Tonnage 1,200 of 1,200 Jump Capable **V** Action Points Transwarp AP 2 Pathfinder class Fleet Scout Soebeslav 4a WP 0 On Station # 105 105th Exploratory ROE Q Column Attack Fleet Tonnage 12,000 Jump Capable **~** Action Points 2 1,200 Fuel Transwarp AP 1 Pathfinder class Fleet Scout

Fuel 1,200 of 1,200 Fuel 1,200 of 1,200 Fleet Tonnage 12,000 Jump Capable Action Points 2	# 106	106th Exploratory	Soebeslav 4b	WP 0	On Station
1,200 Fuel	<i>"</i> 100	100th Emploratory		ROE Q	Column Attack
Action Points 2			■ Fuel 1,200 of 1,200	Fleet Tonnage	12,000
1,200 Fuel					_
Transwarp AP 2			1	Action Points	2
# 107 # 107th Exploratory Soebeslav 4c	1 L = 1 = 1 = 1	1,200 Fuel			
# 107	Transwarp	<u>AP</u>			
ROE Q Column Attack Fleet Tonnage 12,000 Jump Capable Action Points 2		2 1 Pathfinder c	lass Fleet Scout		
ROE Q Column Attack	# 107	107th Exploratory	Soebeslav 4c		
Jump Capable Action Points 2		2		ROE Q	
1,200 Fuel			■ Fuel 1,200 of 1,200	_	
Transwarp AP 2 1 Pathfinder class Fleet Scout # 108					
Transwarp AP 2 1 Pathfinder class Fleet Scout # 108 108th Exploratory Soebeslav 5 WP 0 On Station ROE Q Column Attack I 1,200 Fuel 1,200 of 1,200 Fleet Tonnage 12,000 Jump Capable 2 Action Points 2 Transwarp AP 2 1 Pathfinder class Fleet Scout # 501 Homeworld PDC Soebeslav 2 WP 0 On Station ROE Q Total Defense Jump Capable 1 Fleet Tonnage 500,000 Jump Capable 2 Jump Capable 2 Action Points 2 Transwarp AP AP			1	Action Points	2
108th Exploratory	·	1,200 Fuel			
# 108 108th Exploratory Soebeslav 5 WP 0 Column Attack ROE Q Column Attack Fleet Tonnage 12,000 Jump Capable	Transwarp	<u>AP</u>			
ROE Q Column Attack Fleet Tonnage 12,000 Jump Capable Action Points 2 Transwarp 2 1 Pathfinder class Fleet Scout # 501 Homeworld PDC Soebeslav 2 WP 0 On Station ROE Q Total Defense Fleet Tonnage 500,000 Jump Capable Jump Capable Action Points 2 WP 0 No Station ROE Q Total Defense Fleet Tonnage 500,000 Jump Capable Jump Capable Jump Capable Action Points 2		2 1 Pathfinder c	lass Fleet Scout		
ROE Q Column Attack Fleet Tonnage 12,000 Jump Capable Action Points 2	# 108	108th Exploratory	Soebeslav 5	WP 0	On Station
Jump Capable Action Points 2 1,200 Fuel Transwarp AP 2 1 Pathfinder class Fleet Scout # 501 Homeworld PDC Soebeslav 2 WP 0 On Station ROE Q Total Defense Fleet Tonnage 500,000 Jump Capable Damp Capable Damp Capable Action Points 2 Fleet Tonnage Sould Damp Capable Damp Cap				ROE Q	Column Attack
Action Points 2 1,200 Fuel			■ Fuel 1,200 of 1,200		
Transwarp AP 2 1 Pathfinder class Fleet Scout # 501 Homeworld PDC Soebeslav 2 WP 0 On Station ROE Q Total Defense Fleet Tonnage 500,000 Jump Capable Action Points 2					
Transwarp AP 2 1 Pathfinder class Fleet Scout # 501 Homeworld PDC Soebeslav 2 WP 0 On Station ROE Q Total Defense Jump Capable Jump Capable Action Points 2 Image: Transwarp AP AP			1	Action Points	2
# 501 Homeworld PDC Soebeslav 2 WP 0 On Station ROE Q Total Defense Fleet Tonnage 500,000 Jump Capable Action Points 2 Transwarp AP	1 L	1,200 Fuel			
# 501 Homeworld PDC Soebeslav 2 WP 0 On Station ROE Q Total Defense Fleet Tonnage 500,000 Jump Capable Action Points 2 Transwarp AP	Transwarp	<u>AP</u>			
ROE Q Total Defense Fleet Tonnage 500,000 Jump Capable Action Points 2		2 1 Pathfinder c	lass Fleet Scout		
ROE Q Total Defense Fleet Tonnage 500,000 Jump Capable Action Points 2	# 501	Homeworld PDC	Soebeslav 2		
Jump Capable Action Points 2 O [No Cargo] 0 Transwarp AP				ROE Q	Total Defense
Action Points 2 O [No Cargo] 0 Transwarp AP					
0 [No Cargo] 0 Transwarp AP					
<u>Transwarp</u> <u>AP</u>				Action Points	2
	· · · · · · · · · · · ·	0 [No Cargo] 0			
Bastion class Surface Fortress	Transwarp	<u>AP</u>			
		2 1 Bastion c	lass Surface Fortress		

Army Report

1 Home Guard

Soebeslav - 2

Population Group 16532

- 1 Imperial Guards Heavy Air Defense
- 1 Imperial Guards Heavy Infantry
- 2 Imperial Guards Infantry
- 1 Imperial Guards Security

Colony Report

Soebeslav

Pop Group	S	oebeslav - 2 Shipyard Sli	lips 1 Unemployed Pop
16532	1	Astronomical Observatory	144,563
16532	2,625	Chemical Refinery	144,563
16532	1	Colonial Training Center	144,563
16532	1,735	Crystal Refinery	144,563
16532	10	Fuel Refinery	144,563
16532	20	Hydroelectric Power Plant	144,563
16532	1	Imperial Army Boot Camp	144,563
16532	1	Imperial Museum	144,563
16532	1	Imperial Palace	144,563
16532	1	Imperial Zoo	144,563
16532	332,008	Industrial Complex	144,563
16532	2,780	Iron Mine	144,563
16532	2,195	Lumber Mill	144,563
16532	1,760	Petrochemical Refinery	144,563
16532	1,980	Rare Elements Mine	144,563
16532	1	Science Outpost	144,563
16532	100	Shipyard	144,563
16532	55,502	Stripmining Complex	144,563

Industrial Production

Soebeslav	Sc	eb	\mathbf{esl}	av
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Pop Group			Soebeslav - 2	
16532	510	100	Gaseous Elements	✓ Tooled
16532	520	6,000,000	Iron	✓ Tooled
16532	530	2,000,000	Steel	✓ Tooled
16532	540	6,000	Radioactive Elements	✓ Tooled
16532	550	2,000	Processed Radioactives	✓ Tooled
16532	1400	75,000	Cargo Bay	✓ Tooled
16532	1410	25,000	Fuel Tankage	✓ Tooled
16532	1420	10	Colonial Berthing	✓ Tooled
16532	1500	99,140	Refined Crystals	☐ Tooled
16532	1510	149,740	Synthetic Materials	☐ Tooled
16532	1520	230,000	Refined Crystals	☐ Tooled
16532	1530	115,000	Synthetic Materials	☐ Tooled
16532	1540	114,540	Electronics	☐ Tooled
16532	1550	25	Type A Science Lab	☐ Tooled
16532	1580	25	Survey Lander	☐ Tooled

Imperial Stockpiles

Soebeslav

Pop Group	S	Soebeslav - 2	Unemployed Pop	Pop Empire ID
16532	150,000	Cargo Bay	144563	296
16532	20	Colonial Berthing	144563	296
16532	74,457,010	Construction Materials	144563	296
16532	460	Electronics	144563	296
16532	200	Fuel	144563	296
16532	50,000	Fuel Tankage	144563	296
16532	1,380,290	Industrial Chemicals	144563	296
16532	1,545,680	Iron	144563	296
16532	1,066,770	Lumber	144563	296
16532	619,060	Petrochemicals	144563	296
16532	19,000	Processed Radioactives	144563	296
16532	35,000	Radioactive Elements	144563	296
16532	784,080	Rare Elements	144563	296
16532	92,521,010	Raw Resources	144563	296
16532	200,340	Refined Crystals	144563	296
16532	2,085,000	Steel	144563	296
16532	25,000	Transaluminum	144563	296

Shipyard Report

Soebeslav - 🍍	Population Group ID 16532	Shipyard Slips: 1	Output 1,000,000	Scrap
540	Pathfinder class Corvette	0 / 12,000	Assign to Fleet 101	
540	Pathfinder class Explorer	0 / 12,000		
540	Pathfinder class Express Ship	0 / 12,000		
540	Pathfinder class Fleet Explorer	0 / 12,000		
540	Pathfinder class Fleet Scout	0 / 12,000		
540	Pathfinder class Medium Auxiliary	0 / 12,000		
550	Pathfinder class Corvette	0 / 12,000		
550	Pathfinder class Explorer	0 / 12,000		
550	Pathfinder class Express Ship	0 / 12,000		
550	Pathfinder class Fleet Explorer	0 / 12,000		
550	Pathfinder class Fleet Scout	0 / 12,000		
550	Pathfinder class Medium Auxiliary	0 / 12,000		
560	Pathfinder class Corvette	0 / 12,000		
560	Pathfinder class Explorer	0 / 12,000		
560	Pathfinder class Express Ship	0 / 12,000		
560	Pathfinder class Fleet Explorer	0 / 12,000		
560	Pathfinder class Fleet Scout	0 / 12,000		
560	Pathfinder class Medium Auxiliary	0 / 12,000		

Warp Points Surveyed

Warp Point	System Name	Destination	Class	Warp Point Size	Orbital Distance
135459	Soebeslav	Aldair	C	35	679.8
7814	Soebeslav	Gaela	\mathbf{C}	38	1594.1
96666	Soebeslav	Zlatonos	A	52	2143.9

Diplomacy Report

[No Agreements]

Character Report

ID		Name	Type	Fleet	Army	
1	Philosopher King	Plutarch	Diplomat	0	0	Soebeslav - 2
2	Academician	<needs name=""></needs>	Scientist	0	0	Soebeslav - 2
3	Scout	<needs name=""></needs>	Explorer	0	0	Soebeslav - 2
4	Scholar	<needs name=""></needs>	Scientist	0	0	Soebeslav - 2

Ship Design Report

				Mission			
#	Fleet Code	Ship Name	Ship Class	Class	Tonnage	Warp Bubble	Action
1	SFX	Bastion	Surface Fortress	P	500,000	PROHIBITED	2
13	FS	Path finder	Fleet Scout	N	12,000	12	2

Force Battle Plan Report

		Column Attack	
Formation	Deployment Location	Fighter Operations	Drone Operations
A	7	Standard Attack	Standard Attack
В	9	Standard Attack	Standard Attack
D	7	Standard Attack	Standard Attack
E	7	Standard Attack	Standard Attack
G	7	Standard Attack	Standard Attack
H	7	Standard Attack	Standard Attack
K	10	Standard Attack	Standard Attack
L	11	Standard Attack	Standard Attack
N	9	Standard Attack	Standard Attack
O	7	Standard Attack	Standard Attack
P	7	Standard Attack	Standard Attack
S	8	Standard Attack	Standard Attack
T	7	Standard Attack	Standard Attack
V	7	Standard Attack	Standard Attack
X	7	Standard Attack	Standard Attack
Y	7	Standard Attack	Standard Attack
Z	7	Standard Attack	Standard Attack
		Englobe	
Formation	Deployment Location	Fighter Operations	Drone Operations
A	7	Standard Attack	Standard Attack
В	9	Standard Attack	Standard Attack
D	7	Standard Attack	Standard Attack
E	7	Standard Attack	Standard Attack
G	7	Standard Attack	Standard Attack
H	7	Standard Attack	Standard Attack
K	10	Standard Attack	Standard Attack
L	11	Standard Attack	Standard Attack
N	9	Standard Attack	Standard Attack
0	7	Standard Attack	Standard Attack
P	7	Standard Attack	Standard Attack
S	8	Standard Attack	Standard Attack
T	7	Standard Attack	Standard Attack
V	7	Standard Attack	Standard Attack
X	7	Standard Attack	Standard Attack
Y	7	Standard Attack	Standard Attack
Z	7	Standard Attack	Standard Attack
		Total Defense	
Formation	$Deployment\ Location$	Fighter Operations	Drone Operations
A	9	Standard Attack	Standard Attack
В	8	Standard Attack	Standard Attack
D	7	Standard Attack	Standard Attack
E	7	Standard Attack	Standard Attack
G	8	Standard Attack	Standard Attack
Н	7	Standard Attack	Standard Attack
K	9	Standard Attack	Standard Attack
11			

	Standard Attack	Standard Attack
7	Standard Attack	Standard Attack
7	Standard Attack	Standard Attack
8	Standard Attack	Standard Attack
7	Standard Attack	Standard Attack
7	Standard Attack	Standard Attack
7	Standard Attack	Standard Attack
7	Standard Attack	Standard Attack
7	Standard Attack	Standard Attack
	7 7 8 7 7 7 7	7 Standard Attack 8 Standard Attack 7 Standard Attack

Installations Report

Temple Improves religious chance for success; 1 per 100 population for maximum possible benefit

Textiles Plant Improves civilian influx to colonies. 1 per 100 population for maximum possible benefit

Top Gun School Naval morale and experience; only 1 needed in star system

Transportation Center Only 1 needed per population group involved in Transfer Items order; must be on same world

Water Purification Plant Production based on resource yield

Advanced Textiles Plant Improves civilian influx to colonies. 1 per 100 population for maximum possible benefit
Astronomical Observatory Especially useful for Warp surveys and exploration; only 1 needed in star system

Caldaran Crystal Mine Production based on resource yield

Cathedral Improves religious chance for success; 1 per 100 population for maximum possible benefit

Chemical Refinery Production based on resource yield

City 1 per 100 population for maximum possible benefit

Coal Fired Power Plant 30 Coal into 10 Power.

Coal Mine Production based on resource yield

Colonial Training Center 1 per 100 population for maximum possible benefit; build on the colony world

Crystal Refinery Production based on resource yield
Fiber Mill Production based on resource yield
Field Fortification Ground combat tactical rating impro

Field Fortification Ground combat tactical rating improvement

Fission Power Plant 100 Processed Radioactives into 10,000 Power

Fluid Conversion Plant 1 per 100 population for maximum possible benefit

Fuel Refinery 2 Gaseous Elements into 10 Fuel
Gas Refinery Production based on resource yield
Gemstones Mine Production based on resource yield

Geothermal Power Plant Power production based on geothermal yield

Grain Mill Production based on resource yield Production based on resource yield Production based on resource yield

Hydroelectric Power Plant Power production based on hydroelectric yield

Hydroponic Garden Production based on resource yield

Improves administrator chance for success; 1 per 100 population for maximum possible benefit

Imperial Army Base Ground combat tactical rating improvement
Imperial Army Boot Camp Ground combat tactical rating improvement
Imperial Army Combat Infantry Ground combat tactical rating improvement
Imperial Army Command Base Ground combat tactical rating improvement
Imperial Army Depot Ground combat tactical rating improvement
Imperial Army Headquarters Ground combat tactical rating improvement
Imperial Army Quadrant Base Ground combat tactical rating improvement
Imperial Army Ranger School

Imperial Army Quadrant Base
Imperial Army Ranger School
Imperial Army Sector Base
Imperial Army Sector Depot
Imperial Guard AIT School
Imperial Guard Green Beret Sc
Ground combat tactical rating improvement

Improves stability; 1 per 100 population for maximum possible benefit

Imperial Intelligence Service Co Improves covert operations chances; only 1 needed on world

Imperial Marine Advanced TrainGround combat tactical rating improvementImperial Marine Boot CampGround combat tactical rating improvementImperial Marine SEAL SchoolGround combat tactical rating improvement

Imperial Museum Only 1 needed in Empire

Imperial Naval Academy
Imperial Navy Military College
Imperial Navy Training Base
Naval combat bonus; only 1 needed in Empire
Naval combat bonus; only 1 needed in Empire
Naval combat bonus; only 1 needed in Empire

Imperial PalaceOnly 1 needed in EmpireImperial Penal ColonyOnly 1 needed per star system

Imperial Port Authority Complex Improves possibility of civilian immigration; only 1 needed per population group

Imperial Resort Improves stability; 1 per 100 population for maximum possible benefit

Imperial Science Center
Imperial Science Institute
Imperial Science Lab
Imperial Science Outpost
Imperial Science Outpost
Imperial Science Station
Useful for Warp surveys and exploration; only 1 needed in star system; improves scientist chance
Useful for Warp surveys and exploration; only 1 needed in star system; improves scientist chance
Useful for Warp surveys and exploration; only 1 needed in star system; improves scientist chance
Useful for Warp surveys and exploration; only 1 needed in star system; improves scientist chance
Useful for Warp surveys and exploration; only 1 needed in star system; improves scientist chance

Imperial Secret Police Facility Improves security; 1 per 100 population for maximum possible benefit Imperial Sports Complex Improves stability; 1 per 100 population for maximum possible benefit

Imperial Zoo Only 1 needed in Empire

Improved Textiles Plant Improves civilian influx to colonies. 1 per 100 population for maximum possible benefit

Industrial Complex

Iron Mine

Production based on resource yield
Light Metals Mine

Lumber Mill

Meat Packing Plant

Mineral Fertilizer Tanks

Production based on resource yield

Mission Improves religious chance for success; 1 per 100 population for maximum possible benefit

Naval Gunnery Range Naval morale and experience; only 1 needed in star system

Petrochemical Refinery Production based on resource yield

Pollution Processor 1 per 100 population for maximum possible benefit

Precious Metals Mine Production based on resource yield

Provincial Capitol Administratio Improves administrator chance for success; 1 per 100 population for maximum possible benefit

Radioactives Mine Production based on resource yield
Rare Elements Mine Production based on resource yield
Rare Herbs & Spices Farm Production based on resource yield

Science Center
Useful for Warp surveys and exploration; only 1 needed in star system; improves scientist chance
Science Institute
Useful for Warp surveys and exploration; only 1 needed in star system; improves scientist chance
Science Lab
Useful for Warp surveys and exploration; only 1 needed in star system; improves scientist chance
Science Outpost
Useful for Warp surveys and exploration; only 1 needed in star system; improves scientist chance
Science Station
Useful for Warp surveys and exploration; only 1 needed in star system; improves scientist chance

Shenn Stone Mine Production based on resource yield

Shipyard 10,000 tons of starship component assembly

Shipyard Slip 1 ship can be assembled per slip

Shrine Improves religious chance for success; 1 per 100 population for maximum possible benefit

Stripmining Complex 1,000 Raw Resource production

Research Report

Research Center	Technology	Progress	
1	Razor Wire	** NO PROGRESS **	
2	Superconductor	Nearly Completed	>
3	2nd Generation Civil Engineering	Good Progress	>
4	2nd Generation Planetary Science	Good Progress	>
5	1st Generation Planetary Engineering	Early Stages	>
6	2nd Generation Space Science	Good Progress	>
7	Improved Construction Materials	Early Stages	>
8	Improved Electronics	Early Stages	>
9	Improved Fuel	Early Stages	>
10	Improved Refined Crystals	Early Stages	>
11	Improved Synthetic Materials	Good Progress	>
12	1st Generation Terraforming	Early Stages	>
13	Mk II Short Range Sensor	Early Stages	>
14	Razor Wire	** NO PROGRESS **	
15	2nd Generation Life Science	Good Progress	>
16	2nd Generation Medical Science	Good Progress	>
17	Mk II Computer System	Early Stages	>
18	2nd Generation Telepathics	Early Stages	>
19	2nd Generation ESP	Early Stages	>
20	2nd Generation Computer Systems	Good Progress	>
21	Improved Steel	Early Stages	>
22	Improved Transaluminum	Early Stages	>
23	Improved Petroleum	Early Stages	>
24	Improved Processed Radioactives	Early Stages	>
25	Improved Timber	Early Stages	>

Researchable Items

10cm Gauss Gun 1st Generation Planetary Engineering 1st Generation Psychology 2.5cm Chain Gun 1st Generation Terraforming 20cm Autocannon 2nd Generation Civil Engineering 2nd Generation Computer Systems 2nd Generation ESP 2nd Generation Life Science 2nd Generation Medical Science 2nd Generation Planetary Science 2nd Generation Social Science 2nd Generation Space Science 2nd Generation Telekinetics 2nd Generation Telepathics 4cm Gatling CIDS Ablative Armor Coating Advanced Genetics Advanced Pharmacology Aquatic Installation Construction Attack Helicopter Blister Agents Chemical Munitions Blowpipe Surface-to-Air Missile Brumbar Infantry Support Gun C552 HE Demo Charge Chameleon Cloak Combat Environment Suit ESP Deluder Fighter Frost Cannon Gas Cannon Gauss Rifle Ghost-Nine Armor Coating Hardened Installation Construction Harmful Biological Munitions HE Mine Harpoon Pistol Heavy Carbine Heavy Machinegun Heavy Shotgun Heavy Truck Howler Bomb Hydrogen Bomb Improved Black Market Goods Improved Construction Materials Improved Consumer Goods Improved Electronics Improved Food Concentrates Improved Foodstuffs Improved Fuel Improved Luxury Goods Improved Petroleum Improved Pharmaceuticals Improved Plantfoods Improved Processed Radioactives Improved Refined Crystals Improved Steel Improved Synthetic Materials Improved Textiles Improved Timber Improved Transaluminum Improved Weapons Jet Fighter Jet Harpoon Launcher K54 Fragmentation Grenade Laser CIDS Laser Rifle Light Drone Light P-Cannon Light Pulse Laser Light Sonic Disruptor Light Tank Light Tractor Beam Long Tom Howitzer M110 Mortar M203 Grenade Launcher M85 HE Grenade Medium Beam Laser Medium Magnetic Grapple

	Medium Stun Beam	
Medium Thermal Lance		Mk I Chemical Weapons Defenses
	Mk I Field Hospital	
Mk I Fusion Engine		Mk I Interceptor Missile
	Mk I Lightning Arc Generator	
Mk I Medium Range Sensor		Mk I Nuclear Pulse Engine
	Mk I Short Range Torpedo	
Mk I Space Mine Scanner		Mk I Standard Missile
	Mk II Computer System	
Mk II Nuclear Jump Drive		Mk II Short Range Sensor
	Mk III Nuclear Engine	
Needler	D : D	Razor Wire
	Repair Bay	g 1 4
Subterranean Installation Construction	Tazer	Superconductor
Telekinetic Blaster	Tazer	Thermic Lance
Telekmetic biaster	Thermo-Atomic Bomb	Thermic Lance
Titanium Composite Armor	Thermo-Atomic Bomb	Type B Defense Screen
Trainan composite filmor	Vibrosaw	Type D Detelled Selecti
Viper Anti-Tank Guided Missile	, 10100011	