FRIGATES OF

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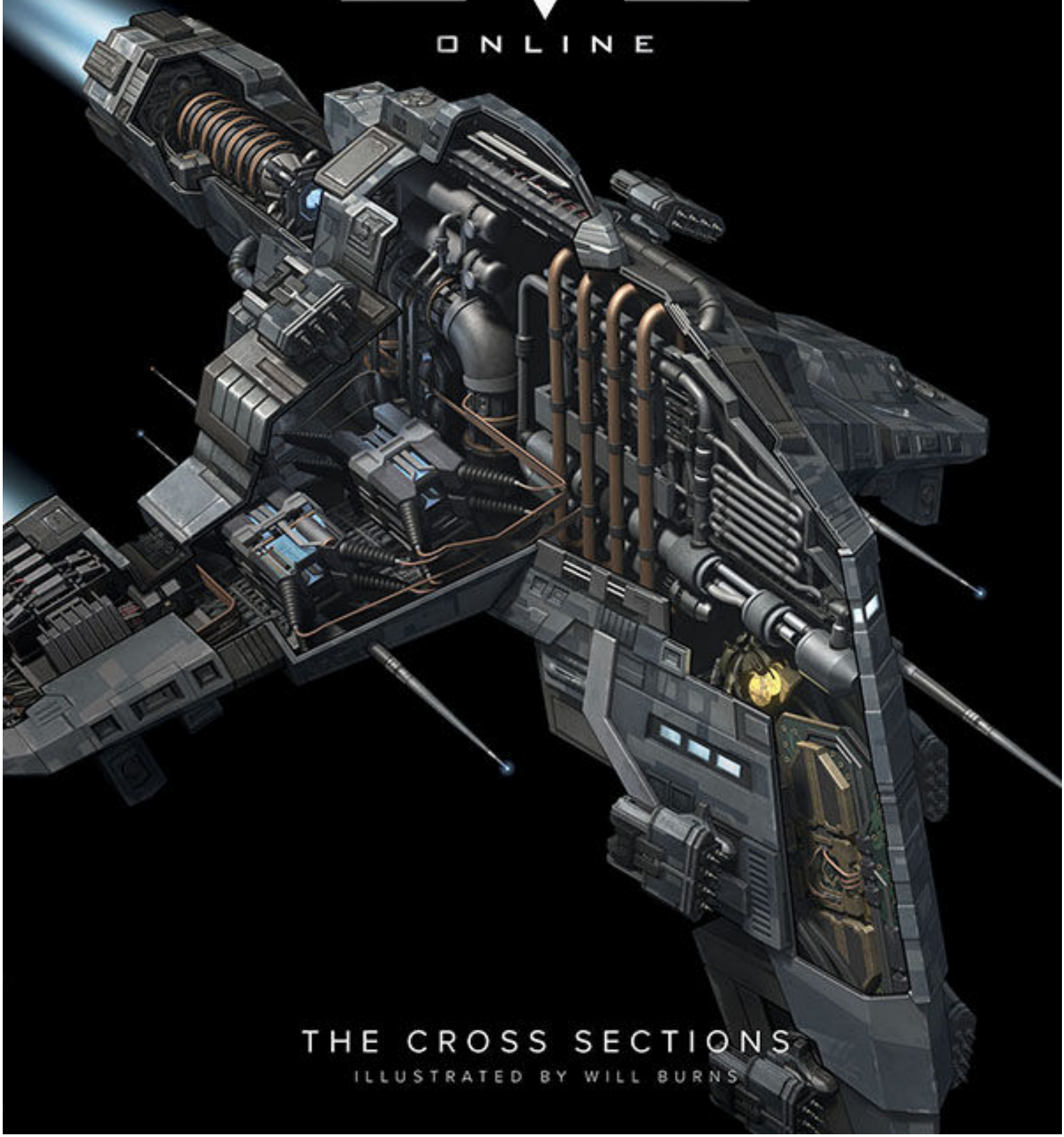

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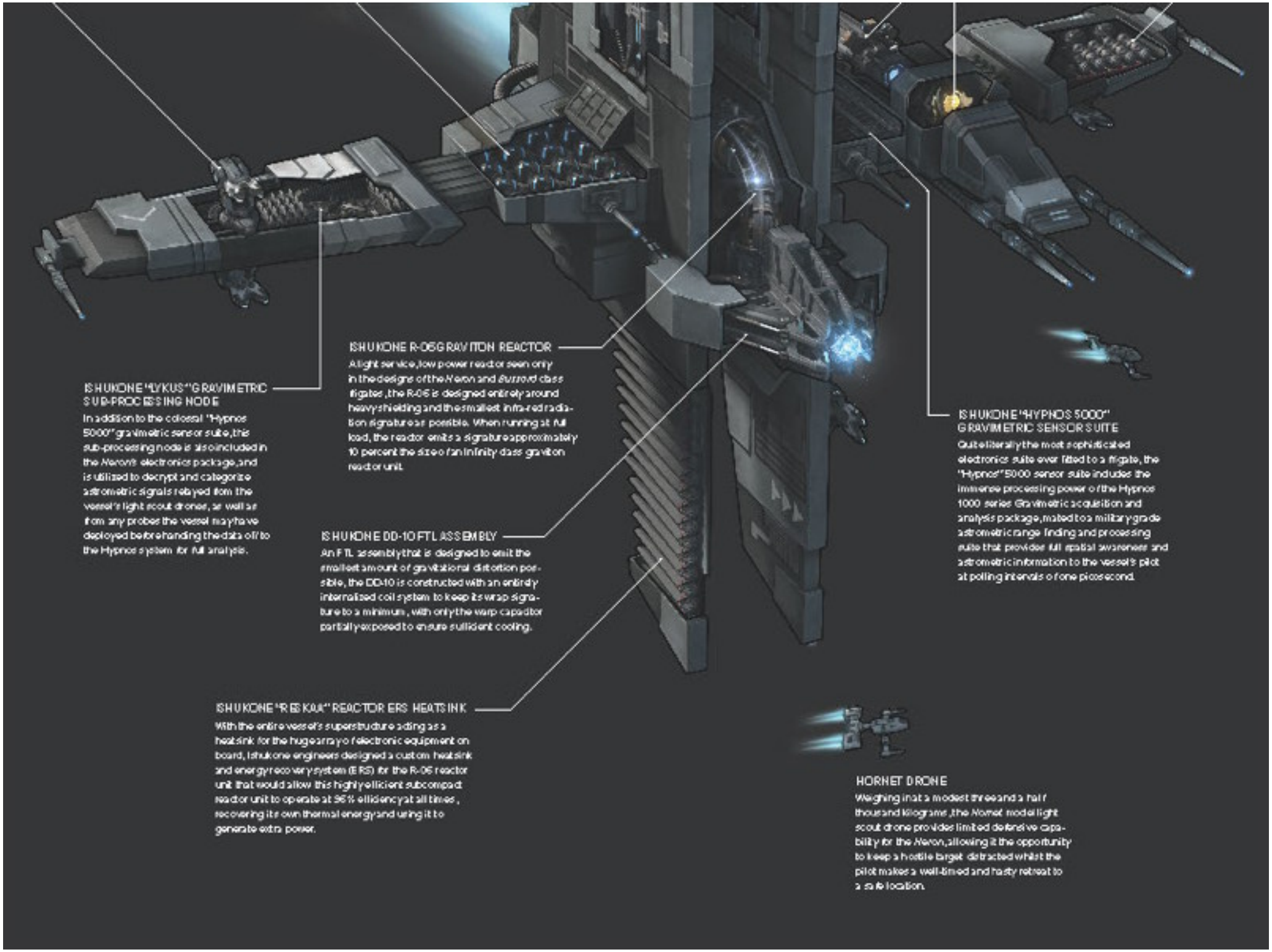


ISHUKONE "LYKUS" GRAVIMETRIC SUB-PROCESSING NODE

In addition to the colossal "Hypnos 5000" gravimetric sensor suite, this sub-processing node is also included in the *Heron*'s electronics package, and is utilized to decrypt and categorize astrometric signals relayed from the vessel's light scout drones, as well as from any probes the vessel may have deployed before handing the data off to the Hypnos system for full analysis.

ISHUKONE R-06 GRAVITON REACTOR

A light service, low power reactor seen only in the designs of the *Heron* and *Burrowd* class frigates, the R-06 is designed entirely around heavy shielding and the smallest infra-red radiation signature ar possible. When running at full load, the reactor emits a signature approximately 10 percent the size of an Infinity class graviton reactor unit.

ISHUKONE DD-10 FTL ASSEMBLY

An FTL assembly that is designed to emit the smallest amount of gravitational distortion possible, the DD-10 is constructed with an entirely internalized coil system to keep its warp signature to a minimum, with only the warp capacitor partially exposed to ensure sufficient cooling.

ISHUKONE "RESKAR" REACTOR ERS HEATSINK

With the entire vessel's superstructure acting as a heatsink for the huge array of electronic equipment on board, Ishukone engineers designed a custom heatsink and energy recovery system (ERS) for the R-06 reactor unit that would allow this highly efficient subcompact reactor unit to operate at 96% efficiency at all times, recovering its own thermal energy and using it to generate extra power.

ISHUKONE "HYPNOS 5000" GRAVIMETRIC SENSOR SUITE

Quite literally the most sophisticated electronics suite ever fitted to a frigate, the "Hypnos" 5000 sensor suite includes the immense processing power of the Hypnos 1000 series Gravimetric acquisition and analysis package, mated to a military grade astrometric range finding and processing suite that provides full spatial awareness and astrometric information to the vessel's pilot at polling intervals of one picosecond.

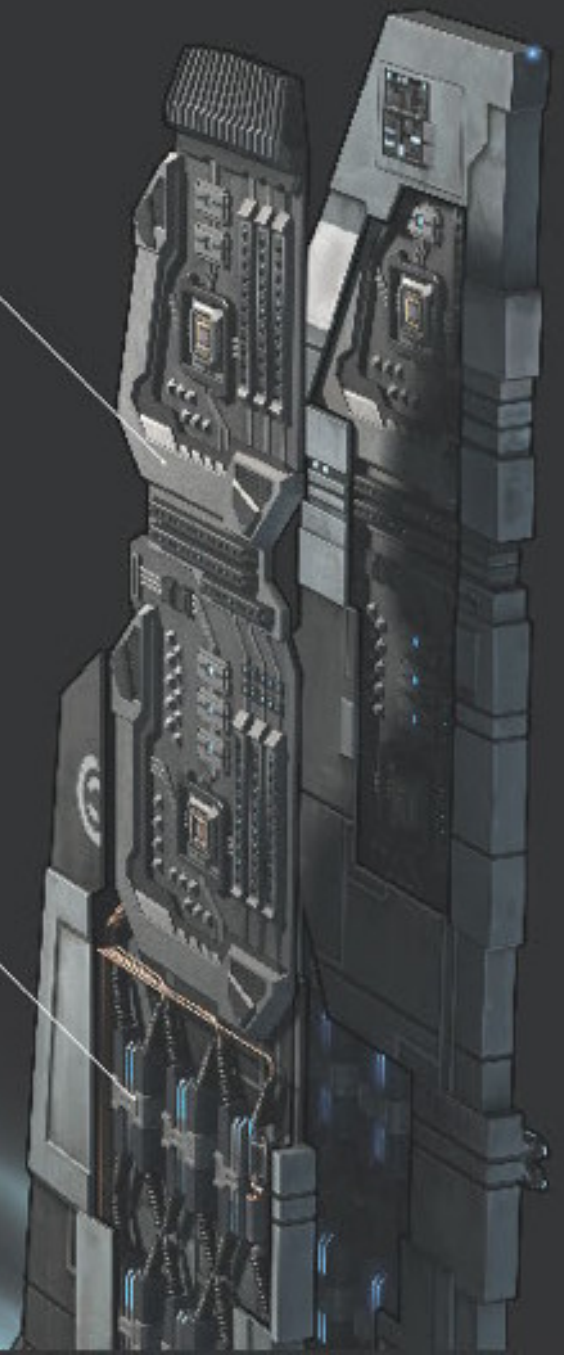
HORNET DRONE

Weighing in at a modest three and a half thousand kilograms, the *Hornet* model light scout drone provides limited defensive capability for the *Heron*, allowing it the opportunity to keep a hostile target distracted whilst the pilot makes a well-timed and hasty retreat to a safe location.

HERON

CALDARI STATE

Velocity	240m/sec	LENGTH	69m
Warp	5.00au/s	BEAM	94m
MASS	1,150,000kg	CREW	1



LAI DAI "SHINTARO" QUANTUM MICROPROCESSOR MAINFRAME

Purchased by Ishukone without even disclosing to Lai Dai the intended use of the "Shintaro" model Quantum mainframe, the Heron uses a twin pair of these low power, passively cooled quantum supercomputers in order to decode, categorize, and deliver the required information to keep the Heron's pilot at the peak of spatial awareness while in uncharted or unfamiliar locations.

12X PROPEL DYNAMICS "GISKARA" SCALAR CAPACITOR BANKS

Mounted in two banks of six, with one bank in each tower of the Heron's iconic hull, the "Giskara" model capacitor banks were chosen for their stable power delivery and low profile, both perfect for application a vessel packed with sensitive equipment, that needs to maintain the smallest signature radius possible.

ISHUKONE "ARASHI" MAGTEC HARDPOINT WITH 125 MM RAILGUN

Able to sport either two pairs of Hybrid turrets or two light missile launchers via the use of interchangeable Ishukone "Arashi" model turret hardpoints and Lai Dai derived Artaliest missile subsystems, or a combination of both, the Heron does have some versatility in offensive capability, however its lack of specialized subsystems to support on board offensive weaponry leave these systems stunted in favor of more scanning and astrometric processing power.

ISHUKONE "SKIARA" RESERVE CAPACITOR BATTERY MATRIX

Normally not in use during regular flight and service, Ishukone installed this reserve capacitor bank as an emergency power source should the vessel be trapped in a situation where its main capacitor banks become inoperable or damaged, and power is required for essential systems such as life support and emergency communications broadcasts.

ISHUKONE "TAKASHI" SUSTAINED SHIELD EMITTER

Identical to the sustained shielding system used onboard the *Merlin* class frigate, the "Takashi" model emitter provides a solid layer of electromagnetically charged shield protection against basic attacks from hostile forces. Since the *Heron* is not designed as an all-out combat vessel and operates a reactor with a lighter power delivery capacity, this unit operates at approximately 70 percent of the capacity seen on the *Merlin*.

ISHUKONE VARIPORT MAGPULSE PROPULSION UNIT

A low signature energy saving propulsion solution developed specifically for the *Heron*, the VariPort system uses plasma-vectoring technology to offer additional maneuverability without the need for additional propulsion units, which would increase the vessel's signature. After successful testing on the Heron and Buzzard class frigates, this technology was successfully increased in scope to be utilized on the *Falcon* and *Rook* class recon cruisers, as well as the *Widow* class Black Ops battleship.

CAPSULE LOCATION

Designed by Ishukone to accommodate a capsuleer pilot from the ground up, the *Heron* was built with a hardened and relatively well armored containment chamber for the pilot's capsule that is located directly behind a forward facing gravimetric scanning array with a pair of power enhanced generators directly behind it that are linked to the port side VariPort magpulse propulsion unit.

HERON

CALDARI STATE

PROPULSION

Ishukone "Raiden"
Hagputov Propulsion System

- Ishukone DD-10 FTL Assembly
- 2x Ishukone Vortex Pico Hagputov Propulsion Units

ENGINEERING

- Ishukone R-06 Graviton Reactor Unit
- 12x Propel Dynamics "Gekko" Scalar Capacitor Banks
- Lai Dai "Shikoku" Quantum Microprocessor Mainframe
- Ishukone "Hypnos 5000" Gravimetric Sensor Suite

DEFENSES

- Propel Dynamics Single-skin 200mm Titanium Diboride Armor
- Ishukone "Takashiki" Sustained Shield Emitter

OFFENSES

- 2x Ishukone "Arashi" HeatTEC hardpoint pairs
- 2x Lai Dai "Artaleet" light launcher hardpoint pairs

Designed exclusively by the Ishukone Corporation and immediately put into service with the Caldari Navy as a scouting and reconnaissance vessel after completing its flight trials, the *Heron* excels as an intelligence gathering and astrometric acquisition platform.

With limited offensive capability, the *Heron* tends to operate in hostile territory undertaking missions that entail extreme risk. For this reason, the vessel tends only to be piloted by the most capable of Caldari Navy and Ishukone Watch pilots.

With the ability to field three light scout drones and store a total of seven units, as well as having the option to carry two sets of light missile launchers or two sets of hybrid turrets, the *Heron* remains a versatile little frigate, but has next to no subsystem support for formidable offensive capability, dedicating its entire internal space to astrometric based electronics. When deployed on missions for the Caldari Navy, it tends to be accompanied by a small squad of four *Condor* class frigates.

Initially introduced almost four decades ago, the *Heron* was a ground-breaking achievement, using the huge surface area of its lightly armored hull as a heat sink to passively cool the impressive array of electronic equipment on board. To this day, the vessel's inner hull beneath it armor still works as a passive heatsink as per the original design, with a heat exchange system slipped into the air gap between the inner hull and first stage of the vessel's armor plating in order to recover energy and re-use it to charge the vessel's auxiliary capacitor battery matrix. This results in the need for reduced power, allowing the installation of a more compact light service R-06 type reactor that gives off a much smaller infra-red signature than larger reactor units, reducing the vessel's signature radius and making it less prone to detection by hostile forces.

With its flight of light scout drones and incredible array of astrometric scanning equipment, the *Heron* has continued to serve as a frontline reconnaissance vessel for the Caldari military for the last four decades, and has even been drafted into the service of many private security megacorporations for use in missions that entail everything from snooping on, to actively sabotaging the competition.

The *Heron* proved so successful in this field, that after the collapse of the Crielere Project at the hands of the Guristas, the technology gleaned from Project Mirage was utilized to create a covert ops variant of the hull named the *Buzzard*.

TYPICAL USAGE

While the *Heron* remains a commonly used non-covert reconnaissance and astrometric platform, its limited offensive capability does mean that in hostile territory, it typically flies with a small escort, increasing chances of detection.

More often than not, the *Heron* is used by Ishukone corporation and Caldari Navy capsuleer personnel as a fast, light personal transport that is difficult to detect and even harder to interdict. The hull was used extensively by Otto Gariushi during his tenure as Chief Executive of Ishukone. The late Dr. Hilen Tukoss, and many capsuleers involved in the Arek'Jalaan project, used both the *Heron* and its advanced counterpart, the *Buzzard*, extensively to survey and catalog locations and artifacts within Anoikis.

Given the fact that the Ishukone Corporation managed to make the *Heron's* extensive array of electronics incredibly user friendly, the vessel also serves as a valuable first step into a frigate class hull for most newly graduated pilots.

More often than not piloted by graduates the Science and Trade Institute, the *Heron* can be seen in service across the State as everything from a first low yield mining vessel to a simple trading or transport ship.

The advanced variant of the hull, the *Buzzard*, is widely used throughout the Caldari military as a covert ops reconnaissance platform, and although the Caldari Navy and Chief Executive panel would fervently deny any such allegations, evidence would suggest that at any one time, there are more *Buzzard* class vessels registered to the Caldari Navy Intelligence Service patrolling on the Federal side of the Caldari-Gallente border zone than there are gravdocks in Caldari Navy facilities.

Similarly, the *Buzzard* sees widespread usage among independent capsuleers, with most alliances and corporations who reside in null security and low security space utilizing them for active scouting ahead of larger taskforces, and intelligence gathering operations, as well as for the undetected transport of small, high value items of extreme importance.

VARIATIONS

Buzzard

An almost direct clone of the *Heron's* already incredibly capable hull, the *Buzzard's* only modifications are the addition of covert ops support subsystems, an extra layer of 200mm titanium diborite armor plating and the removal of the *Heron's* ability to field drones, with the interior space taken up by an additional secondary Ishukone "Takashiki" model sustained shield emitter for additional defensive capability.

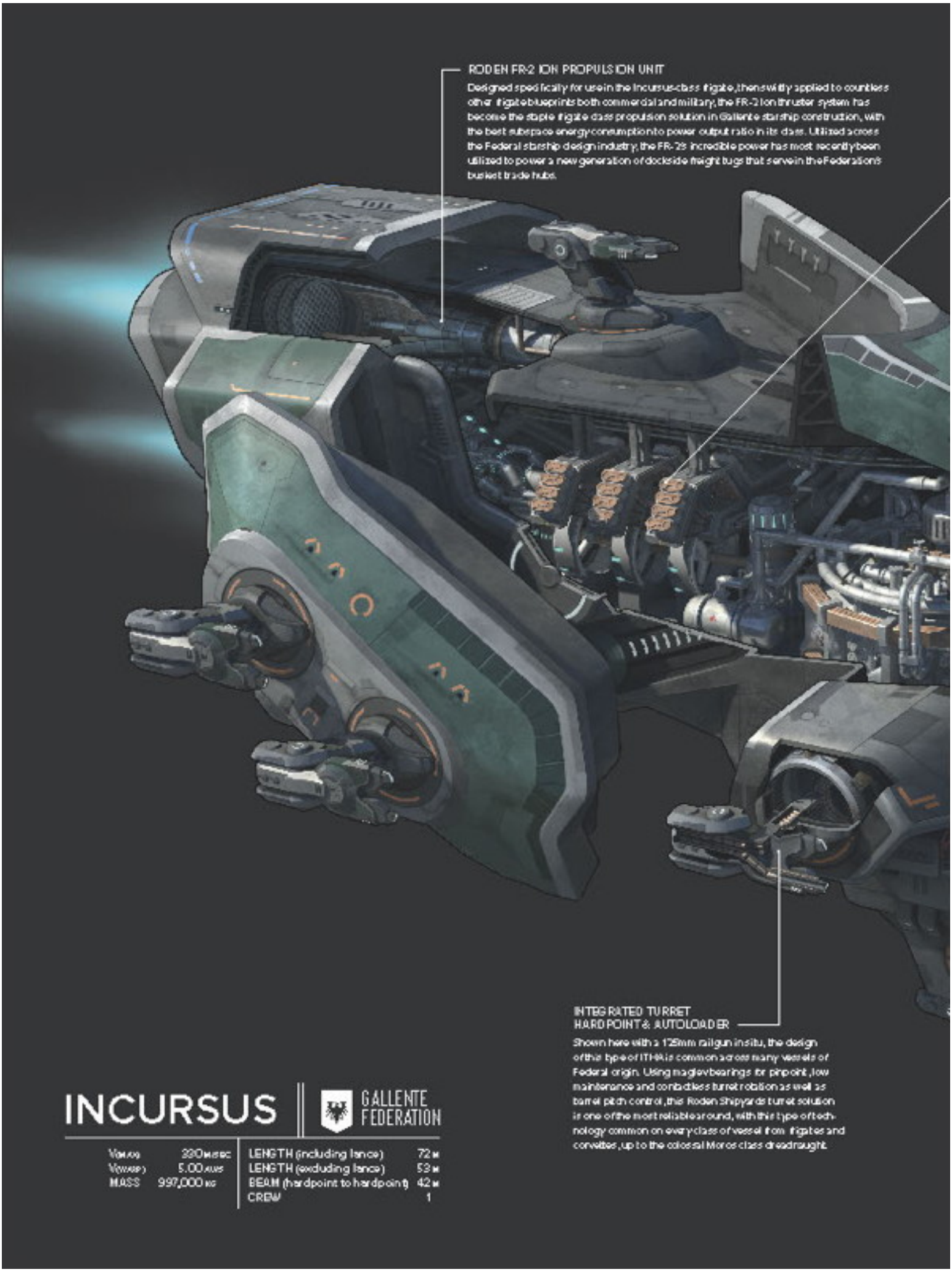
The vast majority of the *Buzzard's* additional on-board systems, including the covert operations subsystem and additional shielding hardware, were a direct result of research and development from Project Mirage, which formed part of the Crielere collaboration project between the Federation and State.

The *Buzzard* was built to the exact specifications requested by Admiral Okaseilen Fukashi, head of the Caldari Navy Recon Division, and was the first production level ship specifically built to take full advantage of the cloaking breakthroughs that were made during the ill-fated Crielere Project.

"All those dealings relations with Duvolle in careers. Please tell me that we'll at least be able to salvage something useful from this god-awful, shitty mess.

I knew we should have had The Watch more heavily involved in security operations down there. I should have listened to Hiro and not left this in the hands of the Federation. Hopefully we can salvage what's left of Mirage and move on, and at least some good will come of this."

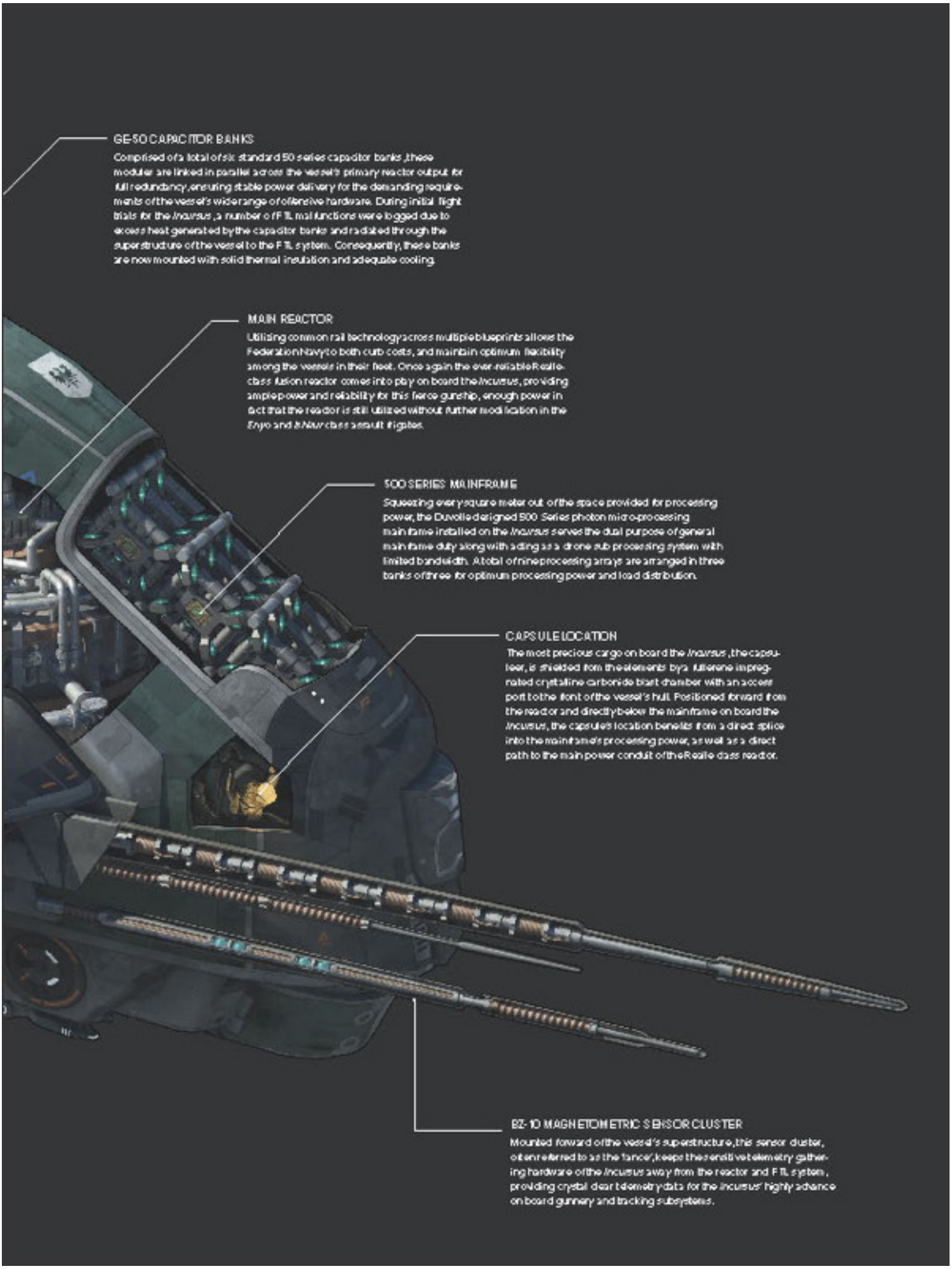
Ono Gafushi
Former CEO, Ishukone Corporation



INCURSUS

GALLENTE FEDERATION

Vmax (x)	280 m/sec	LENGTH (including lance)	72 m
Vmax (warp)	5.00 AU/s	LENGTH (excluding lance)	53 m
MASS	997,000 kg	BEAM (hardpoint to hardpoint)	42 m
		CREW	1



GE-50 CAPACITOR BANKS

Comprised of a total of six standard 50 series capacitor banks, these modules are linked in parallel across the vessel's primary reactor output for full redundancy, ensuring stable power delivery for the demanding requirements of the vessel's wide range of offensive hardware. During initial flight trials for the *Incursus*, a number of FTL malfunctions were logged due to excess heat generated by the capacitor banks and radiated through the superstructure of the vessel to the FTL system. Consequently, these banks are now mounted with solid thermal insulation and adequate cooling.

MAIN REACTOR

Utilizing common rail technology across multiple blueprints allows the Federation Navy to both curb costs, and maintain optimum flexibility among the vessels in their fleet. Once again the ever-reliable Reale-class fusion reactor comes into play on board the *Incursus*, providing ample power and reliability for this fierce gunship, enough power in fact that the reactor is still utilized without further modification in the *Enyo* and *Ishkur* class assault frigates.

500 SERIES MAINFRAME

Squeezing every square meter out of the space provided for processing power, the Duvolle-designed 500 Series photon micro-processing mainframe installed on the *Incursus* serves the dual purpose of general mainframe duty along with acting as a drone sub processing system with limited bandwidth. A total of nine processing arrays are arranged in three banks of three for optimum processing power and load distribution.

CAPSULE LOCATION

The most precious cargo on board the *Incursus*, the capsuleer, is shielded from the elements by a fullerene impregnated crystalline carbonide blast chamber with an access port to the front of the vessel's hull. Positioned forward from the reactor and directly below the mainframe on board the *Incursus*, the capsule's location benefits from a direct splice into the mainframe's processing power, as well as a direct path to the main power conduit of the Reale class reactor.

BZ-10 MAGNETOMETRIC SENSOR CLUSTER

Mounted forward of the vessel's superstructure, this sensor cluster, often referred to as the 'lance', keeps the sensitive telemetry gathering hardware of the *Incursus* away from the reactor and FTL system, providing crystal clear telemetry data for the *Incursus*' highly advance on board gunnery and tracking subsystems.

INCURSUS

GALLENTE FEDERATION

PROPULSION

Fourth generation Roden Shipyards Direct Fusion Ion Propulsion System

- Roden Shipyards MK-01 FTL System
- 4x Roden Shipyards FR-2 Primary Ion Propulsion Units
- 4x Roden Shipyards AR-1S Trim Jets

ENGINEERING

- Roden Shipyards "Realik" Fusion Reactor Unit
- 4x Roden Shipyards CE-50 Capacitor Capacitor Banks
- Duvolle Second Generation 500 Series Photon Microprocessor Mainframe
- Roden Shipyards EE-10 Magnetometric Sensor Suite

ARMAMENT

- Roden Shipyards dual layer 325mm full wrap crystalline carbonide outer skin
- Roden Shipyards AR-2 Repair Nano-Pumps
- Duvolle Laboratories GS-1 Pulse Shield Emitter system

OFFENSIVE

- 3x Roden Shipyards LH-LEV turret hardpoints
- Roden Shipyards FT-1.1 Auxiliary turret loading subsystems
- CreoDron TS-101 Supplementary Drone Control Matrix

The design of the *Incursus* class frigate has remained almost at a constant for the last seventy years since its introduction to service with the Federation Navy.

While modernized with cutting edge materials and technology, the familiar profile of this fast, maneuverable attack frigate has remained recognizable throughout the cluster since it was first drafted by Federation Navy engineers.

Typically deployed to compliment the *Atron* and *Maulus* class frigates of FEDCAF (Federal Combined Armed Forces) to provide fast, dependable fire support on Federation Navy, Customs, and GFPD patrols, the *Incursus* remains second favorite to its technological successor, the *Comet*, with most Federation Navy service personnel.

After a highly successful trial period during live combat exercises in the Caldari Border Zone, Placid and Solitude, the vessel was welcomed into the fold as a staple Federation Navy attack frigate and still sees wide use today. So much so in fact, that the *Incursus* has become somewhat of an icon for the Federation Navy, taking place on propaganda posters alongside the Federation Navy *Comet* and the *Megathron* class battleship.

Benefitting from an incredibly versatile, but relatively heavy, chassis and weapons platform coupled with oversized propulsion to cope with the additional weight, the *Incursus* has been successful enough in service with the Federation Navy that both the Intaki Syndicate and Serpentis Corporation have begun to include the hull as a platform for fast hit and run attacks.

Given its popularity, the *Incursus* has been adapted further into two advanced hulls, the hard hitting *Enyo* class assault frigate, based on the *Incursus* with more advanced armor layering technology and significant weapons subsystems upgrades, and the *Ishkur*, a fearsome frigate class drone deployment platform developed by CreoDRON.

Technology from the *Incursus* has also found its way into the *Tyrannis* and *Ares* class interceptors, as well as the *Comet* class frigate. In more recent years, the *Incursus* has been used as test bed for prototype hardware that is to be introduced to the FEDCAF fleet as part of a large scale refit that is scheduled to begin in early YC120, serving as a platform for capacitor, propulsion, and reactor hardware testing.

TYPICAL USAGE

A brute of a frigate, more so than any other in use by FEDCAF, the *Incursus* is perfectly suited to its role – all out fire support for squadrons of all sizes across most of the divisions that operate within the Federal Combined Armed Forces.

While not fast enough to provide anti-fighter support when loaded out with blaster based weapons subsystems, the *Incursus* can excel in this role if fitted for medium to long engagements with a set of 150mm railguns and the correct ordnance, allowing it to dictate engagement range and punch holes through anything that attempts to come close enough to do significant damage.

A frontline frigate that perfectly complements the faster and lighter *Atron* class, the *Incursus* is more often than not seen sporting a railgun based loadout to support it. A key role for the Incursus also resides with both the Federal Intelligence office and the Gallente Senate, where it is used for escort purposes when transporting government officials and senators.

Highly regarded by the Federal Intelligence Office for the versatility it provides, the *Incursus* has its own set of sixteen squadrons with the Federal Intelligence office that hold the callsign "The Black Lancers". The responsibilities of the Lancers range from VIP escorts to internal black operations and intelligence gathering sorties within the Federation.

Part of the Special Department of Internal Investigations, colloquially known as the Black Eagles, the Lancers take their name from the matte black Super Kerr-Induced Nanocoatings that their ships utilize to deflect and confuse telemetry gathering equipment on other vessels.

With several variations of the Incursus available on the market, including the standard issue frigate and two assault frigate class hulls, the *Incursus* remains a versatile and rock solid vessel for deployment by both FEDCAF and private security forces.

VARIATIONS

Enyo

After reviewing the performance of the *Incursus* during its introduction to the ranks of the Special Department of Internal Investigations, Roden Shipyards moved swiftly to purchase development rights on its blueprint, and immediately set about creating what can only be described as an *Incursus* on steroids.

The addition of an extra pair of turret hardpoints, plus the inclusion of hardware support for a single Duvolle sourced launcher hardpoint subsystem gives the *Enyo* even more bite than its standard counterpart. Significantly slower than the *Incursus*, what the *Enyo* lacks in speed it makes up for with incredible damage projection over long ranges.

A triple skin of 225mm full wrap crystalline carbonide armor plating ensures that the *Enyo* poses not only a risk to other frigates, but also destroyers, cruisers, and any even lone battlecruisers in the hands of a skilled pilot.

Ishkur

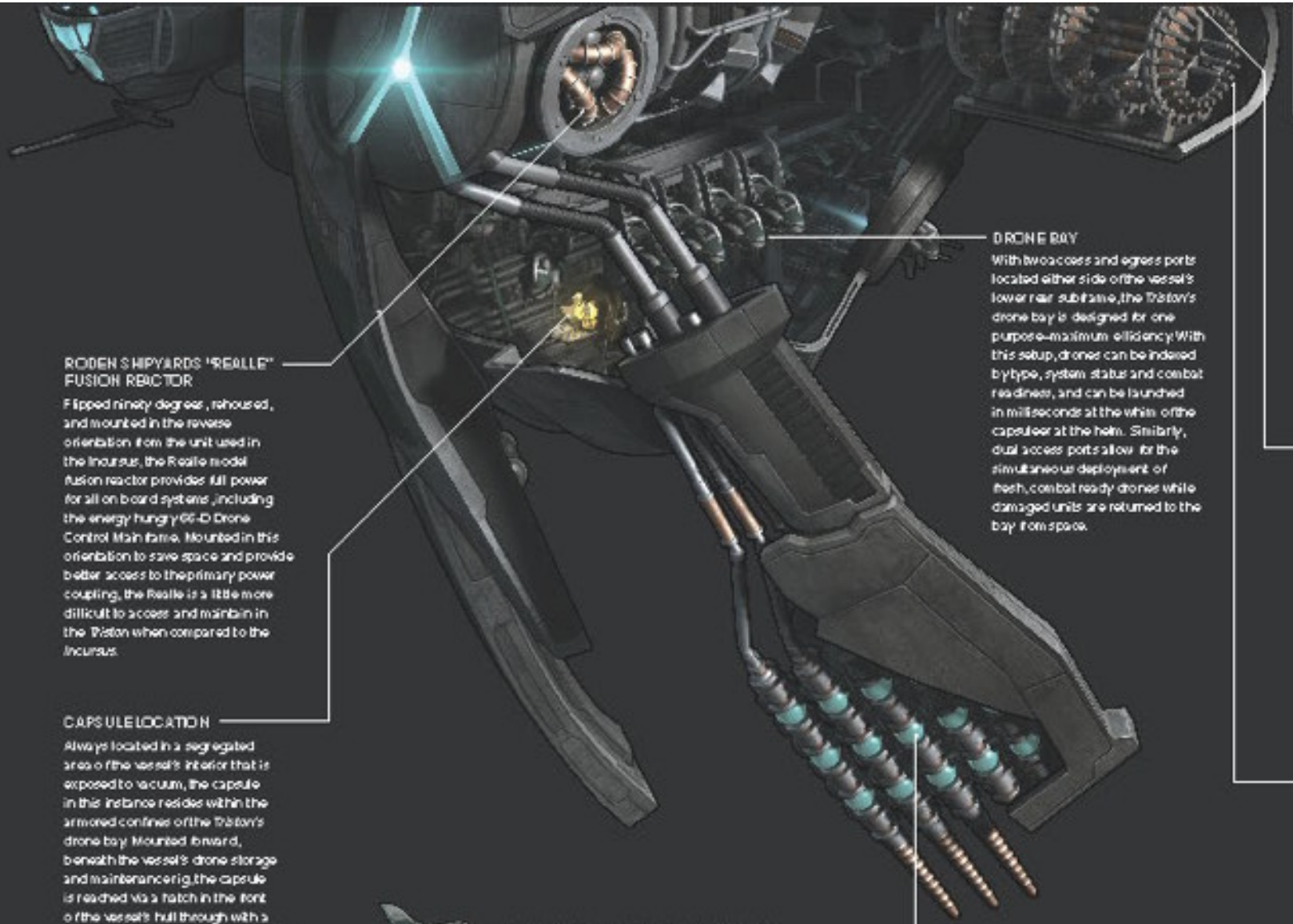
Losing out on more than a year of development time while locked in a legal battle in the Federal Senate over Roden Shipyards' monopoly on the *Incursus* blueprint, CreoDron were eventually able to bring their own spin on this popular frigate to market after a Supreme court ruling in their favor dissolved the sole right of Roden to develop from the blueprint on the grounds of fair competition.

The result of their efforts is the *Ishkur* class assault frigate, a heavily armored frigate platform capable of fielding a full flight of five light scout drones, while also possessing three pairs of turret hardpoints of its own, in the same hull profile layout as the original *Incursus*.

An immediate hit, the green-hulled drone menace immediately swallowed up a colossal forty percent of the market demand for *Incursus* class hulls, with many current pilots of the *Incursus* looking to upgrade as soon as the specifications and blueprints were released into the public domain.

"A little bit heavy in the stern, but I like how she handles. Turret coverage is reasonable, no real blind spots either. I am worried about heat emissions and signature from the cap batteries however. So close to the FTL system, if one of them goes up, it could leave a pilot stranded or paint a big target on him in combat. All in all, the refit looks good. She's shaping up to be competitive again, but we need to check those heat emissions aren't causing an increase in the size of her signature radius, or State Border Control will have us for breakfast."

Toledo Cintaro
Flight Engineer & Test Pilot
Federation Customs



RODEN SHIPYARDS "REALLE" FUSION REACTOR

Flipped ninety degrees, rehoused, and mounted in the reverse orientation from the unit used in the Incursus, the Realle model fusion reactor provides full power for all on board systems, including the energy hungry 66-D Drone Control Mainframe. Mounted in this orientation to save space and provide better access to the primary power coupling, the Realle is a little more difficult to access and maintain in the Triton when compared to the Incursus.

CAPSULE LOCATION

Always located in a segregated area of the vessel's interior that is exposed to vacuum, the capsule in this instance resides within the armored confines of the Triton's drone bay. Mounted forward, beneath the vessel's drone storage and maintenance rig, the capsule is reached via a hatch in the front of the vessel's hull through with a loading gantry can gain access while the Triton is gravdocked. The same hatch is used for emergency egress should the vessel be lost in combat.

DRONE BAY

With two access and egress ports located either side of the vessel's lower rear subframe, the Triton's drone bay is designed for one purpose–maximum efficiency. With this setup, drones can be indexed by type, system status and combat readiness, and can be launched in milliseconds at the whim of the capsuleer at the helm. Similarly, dual access ports allow for the simultaneous deployment of fresh, combat ready drones while damaged units are returned to the bay from space.

RODEN FR-X AUXILIARY ION PROPULSION UNIT

Building on the success of the FR-2, the X series is an auxiliary propulsion unit that was designed as a scaled down unit intended to provide alternate, emergency or supplementary propulsion power, should it be needed. Utilizing the same oversized plasma exhaust chamber layout to allow the addition of optional afterburner hardware, the X series serves as a backup unit on the Triton to provide additional propulsion power on demand.

RODEN WR-01 FTL SYSTEM

Simple to maintain and easy to replace, the WR-01 is highly regarded by engineers across the Federation, along with most foreign shipyards that deal in the maintenance of commercially owned Gallente hulls. A perfect FTL propulsion system for the mainstay frigates of the Federation Navy, the WR series is built with a modular construction, allowing it to be rapidly stripped, reconfigured, or repaired with minimum downtime requirements and rapid preventative maintenance turnaround.

CREODRON 66-D DRONE CONTROL MAINFRAME

After several failed attempts at developing their own drone control solution, Roden Shipyards turned to CreoDron with permission from the Federation Navy, sub-contracting them to produce what has become the benchmark for light drone control systems. The success of the 66-D system on board the Triton lead to the development of the 660-D system, which can be seen in operation today on board the Algos class destroyer.

HOBGOBLIN II LIGHT SCOUT DRONE

Probably the most iconic and well known drone type in the Federation, the Hobgoblin model light scout drone is seen in wide use across all FEDCAF divisions. With a pair of superlight electron blasters carrying munitions that are typically used for planet side anti-armor support, the Hobgoblin packs a brutal punch, operating autonomously once deployed and issued with commands from the capsuleer.

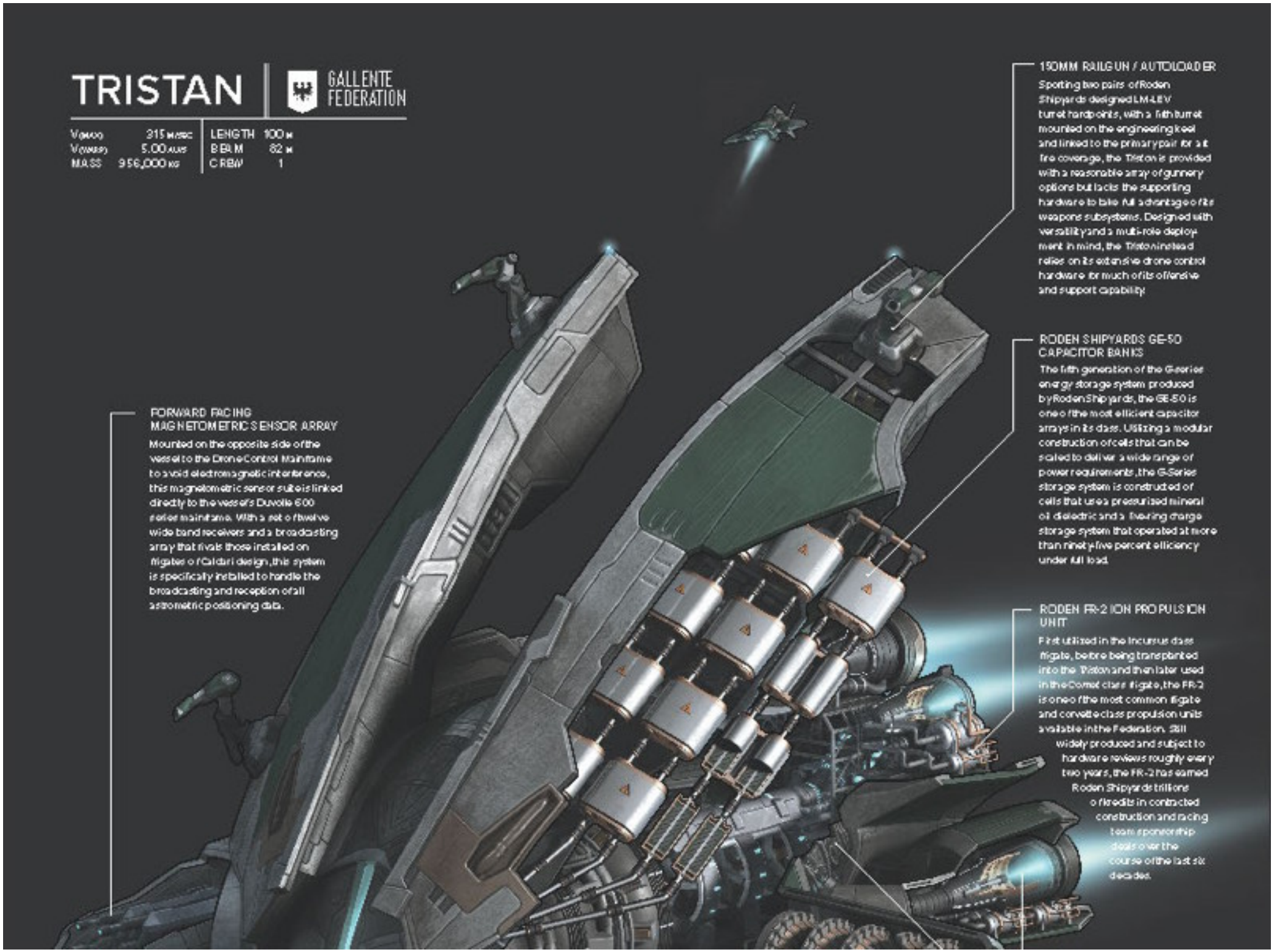
BZ-10 MAGNETOMETRIC SENSOR SUITE

Taking up most the space within the two lower limbs of the Triton's iconic hull, the BZ-10 array provides an incredible level of scan resolution for a frigate class vessel, giving class-leading combat awareness to the pilot and providing a secondary broadcast array for the 66-D Drone Control Mainframe should its own sensor systems be damaged during combat. This provides the 66-D with doubler redundancy, should either of the broadcast systems be rendered inoperable during flight.

TRISTAN

GALLENTE FEDERATION

$V_{(MAX)}$	315 m/sec	LENGTH	100 m
$V_{(WARP)}$	5.00 AU/s	BEAM	82 m
MASS	956,000 kg	CREW	1



150MM RAILGUN / AUTOLOADER

Sporting two pairs of Roden Shipyards designed LM-LEV turret hardpoints, with a fifth turret mounted on the engineering keel and linked to the primary pair for aft fire coverage, the Triston is provided with a reasonable array of gunnery options but lacks the supporting hardware to take full advantage of its weapons subsystems. Designed with versatility and a multi-role deployment in mind, the Triston instead relies on its extensive drone control hardware for much of its offensive and support capability.

RODEN SHIPYARDS GE-50 CAPACITOR BANKS

The fifth generation of the G-series energy storage system produced by Roden Shipyards, the GE-50 is one of the most efficient capacitor arrays in its class. Utilizing a modular construction of cells that can be scaled to deliver a wide range of power requirements, the G-Series storage system is constructed of cells that use a pressurised mineral oil dielectric and a layering charge storage system that operated at more than ninety-five percent efficiency under full load.

RODEN FR-2 ION PROPULSION UNIT

First utilized in the Incursus class frigate, before being transplanted into the Triston and then later used in the Comet class frigate, the FR-2 is one of the most common frigate and corvette-class propulsion units available in the Federation. Still widely produced and subject to hardware reviews roughly every two years, the FR-2 has earned Roden Shipyards trillions of credits in contracted construction and racing team sponsorship deals over the course of the last six decades.

FORWARD FACING MAGNETOMETRIC SENSOR ARRAY

Mounted on the opposite side of the vessel to the Drone Control Mainframe to avoid electromagnetic interference, this magnetometric sensor suite is linked directly to the vessel's Duvolle 600 series mainframe. With a set of twelve wide band receivers and a broadcasting array that rivals those installed on frigates of Caldari design, this system is specifically installed to handle the broadcasting and reception of all astrometric positioning data.

TRISTAN

GALLENTE FEDERATION

PROPULSION

Fifth generation Roden Shipyards Direct Portion Propulsion System

- Roden Shipyards WR-01 FTL System
- 2x Roden Shipyards FR-2 Primary Ion Propulsion Units
- 2x Roden Shipyards FR-X Auxiliary Ion Propulsion Units

ENGINEERING

- Roden Shipyards "Reale" Fusion Reactor with full redundancy
- 8x Roden Shipyards Parallel linked GE-44 Oscillator Capacitor Banks
- Duvolle Laboratories 400 Series Proton Microprocessor Mainframe
- Roden Shipyards EE-10 Hagnoumenic Sensor Suite

DEFENSE

- Roden Shipyards dual layer 200mm full coverage crystalline carbonide outer skin
- Quad Roden Shipyards AR-2 Repair Nano Pumps
- Duvolle Laboratories SS-2 pulse shield emitter system

OFFENSE

- 2x Roden Shipyards LH-LEV turret hardpoint pairs
- CreoDron 66-D Drone Control Mainframe

A lightweight, versatile drone platform used in countless applications across the Federation, the *Tristan* has established a reputation as a dependable workhorse for the Federal Combined Armed Forces over the course of the last five decades.

While expensive to manufacture when compared to some other classes of frigate, the *Tristan's* popularity stems from the fact that it is easily refitted to serve in various roles as the needs of the Gallente military adapts to counter new threats.

Often affectionately referred to as the Fat Man, the *Tristan* is mainly used by the Federation in escort duties or on short-range patrols, and was most recently brought into service along the border between the Federation and the Empire to bolster FEDCAF Tripwire firepower after Uriam Kador's unsanctioned invasion into the Gallente system of Ratillose in November YC110.

With limited on board systems to support damage application from its two Roden sourced LM-LEV turret hardpoint pairs, the *Tristan* relies on its advanced drone management suite and a state of the art 66-D Model Drone Control Mainframe designed by CreoDron for both offensive and defensive action on the battlefield.

With the ability to field a full flight of five light scout drones due to a healthy allocation of drone control broadcast bandwidth, and a sizeable drone bay that allows for the storage of a total of either eight light scout drone units, or a smaller number of heavier units, the *Tristan* is blessed with the ability to field everything from fully fledged combat drones, down to electronic warfare support drones, and logistics drones for remote repair support when required.

A large, modular capacitor array manufactured by Roden Shipyards also gives the *Tristan* a wide range of tilting options. Coupling this with a heavy dual layered 200mm full coverage crystalline carbonide outer skin and quad Roden AR-2 nano repair pumps makes this popular little frigate one of the most durable light combat vessels the Federation has at its disposal.

Given the popularity of the *Tristan*, most units see an extensive service life, with those decommissioned from FEDCAF typically stripped down, overhauled, and auctioned either in bulk or individually to commercial buyers for application in the field by all manner of organizations from small scale mining and industrial outfits through to private military contractors and security organizations.

TYPICAL FLEET USAGE

Initially panned by military analysts as a design that put aesthetic form firmly in front of combat capability, the *Tristan* immediately silenced critics during its flight trials and initial combat readiness assessment. Approved for deployment in short order, the *Tristan* attained the highest possible score during testing, paralleling the same treatment that the *Megathron* class battleship was to receive from critics some time later.

With combat drone technology still encountering its fair share of issues at the time of the *Tristan's* first entry into combat, it was initially used by FEDCAF as a support frigate for fast patrols, sporting a full complement of electronic warfare and remote repair drones to support the *Incursus* in live combat exercises.

The hull first saw combat in the Caldari Border Zone between the State and Federation, proving to be a viable counter against the *Griffin* class electronic warfare frigate, which was still vulnerable to its autonomously operating pack of light electronic warfare drones even when the *Tristan* itself suffered complete sensory failure due to the *Griffin's* highly effective disruption systems.

When eventually able to be deployed with a full complement of light combat drones, the *Tristan* transcended the role of electronic superiority and support frigate, graduating into a position that would see it used as an anti-electronic warfare hunter killer.

By utilizing two pairs of long range, high damage railguns while simultaneously taking advantage of the durability of a heavily armored hull and a swarm of light combat drones, the *Tristan* gained notoriety as a frigate that engages at stand-off range and allows its drones to move into close range for maximum damage application. Swiftly regarded as a vessel not to be underestimated, to this day many Caldari Navy frigate pilots will usually opt to call in backup before committing to an engagement.

The *Tristan* has also been widely used in the commercial sector, most prominently in salvage and search and rescue operations, as well as in combat roles with private military contractors and the security arms of many corporations within the Federation.

VARIATIONS

Nemesis

In a rare instance of FEDCAF taking learnings from the Republic Military, the *Nemesis* was developed after a year of collaboration between Boundless Creation and Duvolle Laboratories that saw the successful introduction of the hound, paving way for the commissioning of the *Nemesis* class stealth bomber three months later.

Based on the *Tristan's* main engineering subframe, the *Nemesis* directly transplants several Boundless Creation designed subsystems directly into a Gallente hull after they were initially flight tested on board the *Hound* class bomber in joint FEDCAF-RM flight trials.

While the *Nemesis* is regarded as a real bruiser when it comes to all out combat, the addition of support for torpedo-based weapons systems that are normally reserved for *Moton* battleship class hulls has hampered its agility somewhat. Adding almost a third more mass to the vessel's chassis and supplementary crystalline carbonide plate reinforcement in key areas to further protect key subsystems has reduced its maximum velocity by a significant margin.

However, what the *Nemesis* lacks in manueverability, it makes up for in damage projection, with the ability to dominate the battlefield in small to medium size engagements, arriving and slipping away unseen with the benefit of covert ops cloaking technology.

"So, let me get this straight. You wanted a budget of ninety billion credits on research and development to replace a hull class that has an exceptional deployment record with every branch of FEDCAF it served? The conclusion was that the research was a failure, and you have nothing to show for your efforts? Now you're asking why you've been called before the Supreme Court? Are you a complete idiot, or just incompetent? The Jhilton says you, however, are out. I hope you have a good lawyer. Your Court Martial date is set for June 1st."

Brygal Alsevere
Chief Justice, Supreme Court