LSDF Engineering Monitoring Station

The standard Engineering Monitoring Station has been designed to either serve as the primary engineering compartment for starships, stations, or other structures, or serve as a supplement to a uniquely designed engineering section. This compartment design is intended to be fielded by the LSDF and affiliates.

Information

Intended to serve as both a supplementary or primary engineering section, the standardized engineering station has been designed around a modular load-out which can allow for the station to be outfitted and modified to a wide range of engineering tasks. The standardized structural interior of the engineering monitoring station allows for an occupied area of fifteen meters in width, twenty meters in length, and five meters in height excluding utility shafts which may lead to other sections. All engineering monitor stations are built around a centralized control and interface console.

Configurations

In all instances of the engineering monitoring station, control consoles are integrated into the bulkheads of the compartment, with fold-away seats placed in the bulkhead beneath the consoles. A retractable 'desktop' can be pulled from the bulkhead which increases the function of the control panel interface. All control panels are of a flat-panel design and incorporate multi-configuration capability, Pico-Jelly & volumetric three dimensional interface capability, and a combination of biometric and password reliant security confirmation.

All standardized engineering compartments include sectional Nerimium blast shutters augmented with forcefield equipment. Hatchways to the engineering compartment include several layers of support material, and a password reliant locking system. Along with these structural augmentations, all engineering compartments also include a pair of compartments located near the central control area.

Weapon and Supply Locker

The weapon and supply locker is secured by biometric and password lockouts except for the first-aid compartment.

Contents

- 6 'Arbitrator' Pistol & 1000 Rounds of appropriate ammunition.
- 6 Rifles[1)] & 2000 Rounds of appropriate ammunition.
- 6 Small Directional Explosive Sentry Unit.
- 6 'Wind' Armor Series In Unlocked Compartment
- 6 Unified Manipulation Technology Suite

* First Aid Cabinet Compartment

Utility Locker

The utility locker has been designed to serve as a storage cabinet for essential engineering tools, commonly needed small replacement parts, and replacement uniforms. These lockers include a pair of large shelved cabinets, and a third locker which includes a large number of tiny pull-out drawers intended to be used as storage space for small components.

Primary

When intended to be utilized as a primary engineering station, the engineering monitoring station becomes somewhat more cluttered than usual. Access hatches are installed to allow for utility passage access from the monitoring station, transparent Duremium Alloy in combination with Nerimium blast shutters are used to create view ports from the station to monitor securely housed systems such as power cores and engine systems depending on the location of the engineering compartment. Along with the access points for maintenance, an additional access point is provided for an ARIA Ship Control System interface compartment. Beyond these standard features, additional modifications may be made depending on the starship the station is applied to.

Secondary

When intended to be utilized as a secondary engineering section, the engineering monitoring station takes on a slightly less hodge-podge design, and seems more mundane. Access hatches are reduced in number, view-ports are removed and replaced with volumetric projectors, and the ARIA interface hatch is removed. Secondary engineering monitoring stations are rarely modified, thus are designed to incorporate stronger structural components to allow for the secondary monitoring station to survive whatever may render a primary engineering station non-functional.

Utility

The utility version of the engineering monitoring compartment is the least glamorous of the engineering compartment configurations. Intended to serve as a monitoring point for key utilities, this engineering compartment configuration includes a larger number of access hatches, reduced number of interface panels, and view-ports which look in upon systems such as secondary reactors, waste processing systems, and even waste itself. Often these compartments open to the ship's utility systems, thus they sometimes take on any number of smells, which the LSDF has thought of, thus a large overhead venting system has been incorporated to extract odors from the air in a timely fashion… however that often does not manage to entirely overcome odors within the room.

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LSDF “Ek'yra” Railgun Service Rifle LSDF “My'hyz” Service Rifle LSDF “Hik'id” Plasma Assault Rifle