Balaena Industrious Platform

The Balaena Industrious Platform was designed specifically for the Industry Overhaul scheme powered by Galactic Horizon intended to boost the capability of Planet Osman. The vehicle is aptly named Balaena[1] as it can be adapted to fill a list of different roles, from courier style work to having specific tools mounted to complete unique tasks.

About the Balaena Platform

The Balaena Platform acts as its name suggests, as a platform for other tools and additions to be mounted giving it a wide range of use across many sectors not just the industrial ones. For the purpose of the Industry Overhaul scheme the first set of additions and attachments include various mining equipment, personnel transport modules and field repair and resupply modules which impact the base statistics of the vehicle accordingly.

The base Balaena Platform requires one person to drive and when stationary the driver is able to access secondary controls via a hardlight secondary terminal and remapped control systems. If a second operator is present then they can use any systems or abilities of the equipped add on when in motion via their own terminal. In a similar fashion to the driver, if an issue inhibits the driver terminal or the drivers ability to operate the secondary seat may assume control.

Key Features

The Balaena itself is nothing more special than a long, wide, heavy platform vehicle running on variable tracks. The only special feature about it is the ability to mount almost any equipment to it if configured correctly; mining equipment, agriculture equipment and fabricators and collection equipment are all Horizon built extras as part of the Industry Overhaul effort.

Its other notable feature is the Balaena's large carrying and towing capacity, able to distribute the weight of any equipment up to 20 tons in carry weight and the power to tow anything up to 10 tons without assistance. This is made possible through a join power supply from a single Phoenix Fusion Generator as well as a high storage capacitor.

History

In mid YE 40 Horizon CEO Riccard Black spoke to Uso about the potential to expand the industrial capacity of USO and the Industry Overhaul scheme was born. After creating the basic timeline of proposed development projects it was decided that a multi-role, heavy vehicle would cut back the number of technologies to invest time into while benefiting the effort across the board.

Eventually the Balaena was designed and prototyped with major success in all the required fields of

operation. While there had been many small design efforts alongside the Balaena for potential attachments and equipment addons none were fully pursued until its completion.

Appearance

The Balaena is a simple design, long and wide with a small cab at the front centre, containing two work stations and seats for the crew. The majority of the vehicle is dedicated to acting as a platform to attach various equipment and is flat with several power connection ports and hydraulic control cables which are connected to the chosen equipment allowing it to be controlled from the cab.

Statistical Information

Below is the relevant statistical information regarding the base Balaena model with no extra equipment or attachments.

- Organization: Galactic Horizon/Independent
- **Nomanclature:** GH-K2-3S
- Type: Industrious heavy vehicle
- Class: K2 Multirole class
- Designer: Galactic Horizon
- Manufacturer: Galactic Horizon
- **Price:** Starting from 10 000KS
- Lifespan: 30 years, maintained every 3
- Crew: 1 required, 2 recommended
- Maximum Capacity: 2
- **Passenger Capacity:** 0
- Width: 5m

- Length: 12m
- Height: 2m

Speeds

List of speed related information

- **Ground speed:** 200km/h
- Range: 24 hours before recharge

Interior

There is a door on either side of the cabin for each operator to enter their side, each seat in the cabin has a terminal and display in front and to the side opposite the door. Due to the large size of the ground vehicle, the added digital displays from outside cameras help when manoeuvring.

Onboard Systems Descriptions

The Balaena has several standard on-board systems, the basic electrics for the cabin which power the steering, lights, climate control and communications equipment. This is supplied by the large capacitor beneath the cabin, which also supplies basic electrics power to the connected equipment or attachments.

Main vehicle power is supplied by a Phoenix Fusion Generator along with 8 backup Heavy Duty Energy Cores.

Cargo Capacity

The Balaena has assigned storage area for 8 backup Heavy Duty Energy Cores in case of a fusion reaction shutdown or for backup power to the connected equipment if the primary capacitor is depleted.

Standard Equipment

The Balaena comes standard with 2 cabin Fire Extinguisher s, 2 more larger function extinguishers are mounted to the each side of the vehicle outside for fires caused by the equipment. A large capacitor charged by the wheels when coasting or breaking as well as manual energy transfer sits below the cabin and just ahead of the Phoenix Generator.

In a small locker on either side of the vehicle just behind the extinguishers houses spare fittings and cable extensions which are designed for emergency use and field repairs. At the rear of the vehicle is a 3 factor towing hitch, designed with three connection methods to provide absolute certainty that when

towing heavy equipment there is almost no chance it will be accidentally disconnected.

OOC Information

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