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2014 Department of Mutant Vehicles Application

Mutant Vehicle Information

Other Responsible Parties

We recognize at times that there are multiple parties associated with the vehicle. Are you, (the registrant), the person who has the main responsibility for this vehicle on playa? If not, who does? (i.e. Is there someone else who owns or operates this vehicle that we should know about? Please list their name (first and last), playa name, role (owner, other operator, etc.) and email in the box below. If this information isn't available at the time of registration, we ask that you update us when it is by emailing dmv@burningman.com.

If you (the registrant) are the sole person to be held responsible for this vehicle, it's not necessary to list your name.

Mutant Vehicle Name *

What is the name of the Mutant Vehicle you are pre-registering?

Mutant Short Vehicle Description

Please give a short (one line) description of your vehicle.

Mutant Vehicle URL

If you have images of your vehicle on the web, please include that URL here. Please make sure that the page you submit actually has your vehicle pictures on it so that we don't have to search around your site to find it. Also, do not use a site where you must register or log in to view the pictures.

Previously on the Playa? *

Has this vehicle been at Burning Man before?

- ☐ Yes
- ☒ No

Prior Mutant Vehicle *

Have you had a Mutant Vehicle at Burning Man before?

- ☒ Yes
- ☐ No

Prior Mutant Vehicle Information *

If so, please tell us about the Mutant Vehicles. Include the names of the vehicles (if different from the name you are registering it under), and the years brought to the playa.

Most Useless
Registration #: M11-1065
2011

Other Mutant Vehicles Created?

What other mutant vehicles have you built (for yourself or others)?

Worked on the Nautilus with Five Ton Crane.

Camp Information *

Please tell us the name of your theme camp or art installation your vehicle is associated with, or the location you expect to camp this year.

Quixote's Cabaret Club + Bar

About License Types:

1. Licensed Mutant Vehicles may receive a day license, a night license, or both, depending on the vehicle.
2. Mutant Vehicles granted night licenses must be RADICALLY illuminated. This requires far more thought and implementation than running lights and a few blinkies. The vehicle should cause people hundreds of feet away to squeal in delight and amazement.
3. Mutant Vehicles will be licensed for driving either on the open playa only, or for driving on the playa and on the streets of Black Rock City (except, of course, the designated pedestrian walkways and Center Camp). This is dependent on the vehicle's size and turning radius.
4. Night licenses do not automatically imply a day license. You must specify both if you want both.

Day License *

Are you applying for a day license?

- ☒ Yes
☐ No

Night License *

Are you applying for a night license?

- ☒ Yes
☐ No

About the Vehicle's Mutation

What makes this a Mutant Vehicle? Tell us about the physical changes to the vehicle, what you are adding, what you are taking off, how you are doing it and the overall picture of what you are creating. Be thorough in your description.

To start we're using with a general, non-descript electric golf cart. The exterior shell will be removed. The suspension will be replaced with a long throw configuration to allow for better handling and load management.

Lighting Plans

Describe how this vehicle will be illuminated at night. Remember, in order to receive a night license, your vehicle must be RADICALLY illuminated.

K9 Mark IV-BM will have three types of lighting.

The first is self illumination which will allow him to glow and be visible from an extended distance. The self illumination will be

achieved with a series of wide angle Cree LED's inside K9 and

Mutant Vehicle Intent *

Why are you creating this vehicle and bringing it to Burning Man? What experience are you intending to create for people? What do you want to share with the community by bringing this Mutant Vehicle to Burning Man? How, if any way, does your vehicle fit with the current year's theme?

K9 Mark IV-BM's primary mission will be as ambassador to the people of Burning Man for the Quixote's Cabaret Club + Bar camp. The QCCB cabaret venue will be decorated in the style of the Tardis from Dr Who and at various times, the camp members will be costumed as characters from the show or

Street Legal *

Is this vehicle street legal?

☐ Yes

☒ No

Vehicle License Number

If so, please give the license plate number of the vehicle.

State of license

If so, please enter the state the vehicle is licensed in. If the vehicle is not licensed in the the US, select N/A.

Vehicle Length *

How long is the vehicle (in feet and inches)?

Vehicle Width *

How wide is the vehicle (in feet and inches)?

Vehicle Height *

How tall is this vehicle (in feet and inches)?

Frame Base *

What is the frame based on (Honda Civic, John Deere Tractor)?

Frame Year *

What year was the frame built?

Capacity *

Including the driver, how many people can this vehicle safely carry?

☐ 1-4

☐ 5-10

- ☒ 5-10
- ☐ 10-30
- ☐ 30-50
- ☐ 50-100
- ☐ greater than 100

About Trailers:

1. Trailers are licensed separately from the Mutant Vehicle. Each trailer will have its own license and can be towed only by the vehicle it was licensed with. Towing vehicles **MUST** also be mutant vehicles able to pass their own inspection independently of the trailers they are pulling.
2. If your vehicle's trailers are deemed unsafe, they will not be licensed. In most cases, this should not affect the ability of your Mutant Vehicle to be licensed, as long as the vehicle meets all of the licensing criteria.
3. Driving a licensed Mutant Vehicle with an unlicensed trailer is cause for revocation of the Mutant Vehicle license, and possible impound of the vehicle.
4. For Mutant Vehicles with trailers that are applying for night licenses, in addition to the **RADICAL** illumination required of the Mutant Vehicle, the trailer **AND THE HITCH** must be radically illuminated as well.

Number of Trailers *

How many trailers does your vehicle use?

- ☐ None
- ☒ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5
- ☐ More than 5

Trailer Description *

Please provide a description of how the trailers integrate into the design of your mutant vehicle.

At various times during the stories told in the Dr Who show, there are various creatures that have chased, attacked and interacted with K9. The trailer would be the embodiment of some of these creatures. Ideally, a base frame would be created onto which a character can be mounted. When K9 travels across the

Words used: 133 out of 300.

Levels *

Does your vehicle have more than one level? (You must construct a railing system if you have more than one level.)

- ☐ Yes
- ☒ No

About Sound

The DMV has developed a sound policy to help guide those with large sound systems. Please read the policy [HERE](#) before continuing.

Sound System *

Does your vehicle have a sound system?

- ☒ Yes
- ☐ No

Sound System Wattage *

How many watts is the sound system?

100

How big is your system? *

Note: All db levels refer to maximum potential DBA.

- ☒ Normal car stereo or Average living room (under 90 db at 30 ft)
- ☐ Dance Club or Theatre (90db and up at under 100ft)
- ☐ Arena, stadium (100db or more at 100ft or more)

Sound System Description *

Please describe the system (speaker brand, number of tops, number of subs, size of each, brand and wattage of all amps, and estimated maximum db output).

The sounds system is composed of an off the shelf amp and speakers. When pressed, the control buttons on the back of K9 would cause different pre-recorded sound effects to be played. The level of the sound would be in the 60 - 70 db range.

Sound Impact Remediation *

Please describe your plan for limiting the sound systems impact on others who may not want to hear it.

The sound level would be around that of a normal conversation. In addition, the sound effects would only play when a button was actively being pressed and as such, can be silenced at any time.

Bar *

Does your vehicle have a beverage bar?

- ☒ Yes
- ☐ No

Standing Passengers *

Are people allowed to stand while the vehicle is in motion?

- ☒ Yes
- ☐ No

Design Safety *

How did you consider safety when designing this vehicle? Please describe the safety considerations you are making in relation to the physical structure of your vehicle. This includes, but is not limited to, any railings, stairs, ladders, trailers, control wiring, electrical grounding, or multiple levels that are a part of your vehicle, as well as your vehicle's load capacity and braking system. Please attempt to strike a balance between thorough and concise.

The basic pattern of K9 is such that 4 people can stand on the frame's baseboard and lean against the body when moving. There are numerous handholds built into the body to allow people to remain safely on K9.

Operating Procedures

In order to be eligible for a Mutant Vehicle license, you must demonstrate to the DMV that you have given serious thought to how to safely operate your vehicle during Burning Man.

Anyone striking a member of the community with their vehicle will have their license revoked, and may face legal consequences.

Describe the procedures and policies that you have developed and will follow to safely operate your Mutant Vehicle on the Playa. The more complex and grand your Mutant Vehicle, the more thorough and detailed your answer should be.

Please cover any pertinent areas that can be problematic or are related to vehicle safety such as moving between levels; dealing with blind spots; starting and stopping your Mutant Vehicle; the location of safety equipment such as first aid kits and fire extinguishers; passenger rules; vehicle crew job descriptions; dealing with difficult passengers, etc.

Note: The DMV is requesting your procedures for people entering and exiting your Mutant Vehicle in the next question, so they need not be covered here. If you have a written copy of your operating policies and procedures in text format, you may cut and paste them into the text box below.

Operating Procedures *

What are the operating procedures for this vehicle?

General operations:

K9 Mark IV-BM is a small vehicle designed to carry up to 5 people including the driver.

Enter/Exit Procedures *

Describe the ways in which people can get on and off of the vehicle.

When K9 is stopped, passengers step on the frame baseboard and face outward, leaning against the body.

To exit, a passenger requests the driver to stop and steps off once K9 has ceased forward movement.

Effort Required *

How much effort does it take to set up your vehicle at BRC before it can be driven?

- ☒ I drive it in (or unload it) and it is ready to go!
- ☐ 2-4 people for a total of 15 hours total set up time
- ☐ 5 or more people and way more than 15 hours total set up time

Propulsion Type *

How is your Mutant Vehicle powered? Please describe the type of engine, and the fuel source. Is the drive train stock or custom? Is the power source green or renewable in any way? How much fuel do you expect your Mutant Vehicle to consume on the Playa this year?

K9 is powered by an internal electric motor and battery system. The drive train is stock from the Yamaha G22 golf cart.

The batteries will be charged by using the QCCB camp power generation system. That is a combination of solar panels and

Does your Mutant Vehicle have a steam boiler of any type? *

If this box is checked, the Fire Art Safety Team will contact you to discuss the design details of your system.

- ☐ Yes
- ☒ No

Fire Usage

About Fire and Mutant Vehicles

If your Mutant Vehicle incorporates Flame Effects, you should be aware of several items.

1. No tiki torches, candles, fire barrels or liquid-based Flame Effects.
2. No Pyrotechnics, including fireworks.
3. It is highly recommended that all Mutant Vehicles incorporating pressurized fuels include an emergency shut-off, such as a quarter-turn ball valve.

4. All approved fire must be above head height (10 feet).

Flame Effects *

Will your project include the use of any Flame Effects? This includes a project as simple as propane torches or any fires that are automated, switched, pressurized or having any other action than simply being lit on fire. This includes projects that use propane or liquid fuels.

- ☐ Yes
- ☒ No

Combustibles *

WITH THE EXCEPTION OF THE FUEL USED TO PROPEL THE VEHICLE will you be STORING HAZARDOUS FLAMMABLES or any potentially dangerous combustibles, such as gasoline, kerosene, propane, oxygen, etc., on your Mutant Vehicle? (This information is for fire prevention only and is confidential.)

- ☐ Yes
- ☒ No

Listing Information

Data Listed Publicly? *

Would you like your Mutant Vehicle's data included in public listings? These listings may include, but not necessarily be limited to: Burning Man Website and the Burning Man API (which allows artists and developers to create their own applications with publicly available data). Listing information may include: name of vehicle owner, vehicle name, vehicle description, vehicle URL, public email (optional).

- ☒ Listed
- ☐ Unlisted

Public Email

If you have checked "Listed" on the Data Listed Publicly question above and would like a public email displayed, please include it below (we will not display your email used for registration unless you re-enter it here).

peter@practicalfirearts.com

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