Preamble:

Whereas the OpenC2 Technical Committee

* was chartered to address matters as they pertain to command and control of cyber defense technologies, and
* the charter directed the committee to maintain a library of prototype implementations, and
* the charter specifies that the effort shall be developed in a manner that is language and message fabric agnostic,

Then be it resolved:

An OASIS GitHub repository known as oasis-open/oif-device shall be formed.

With a purpose of:

* Providing a publically available repository for the OpenC2 Integration Framework (OIF) Device software components and
* Support collaborative development of the OpenC2 Integration Framework

With the description of:

OpenC2 Integration Framework (OIF) is a project that will enable developers to create and test OpenC2 specifications and implementations without having to recreate an entire OpenC2 ecosystem.

OIF consists of two major parts. The "Orchestrator" which functions as an OpenC2 Producer and the "Device" which functions as an OpenC2 Consumer.

This repository contains the code required to set up an OIF Device. The Orchestrator repository can be found here [https://github.com/oasis-open/openc2-oif-orchestrator]. Due to port bindings it is recommended that the Orchestrator and the Device not be run on the same machine.

The OIF Device was created with the intent of being an easy-to-configure OpenC2 Consumer that can be used in the creation of reference implementations. To that end it allows for the addition of multiple actuators, serializations, and transfer types.

With the initial execution of:

OIF-Device shall be an open source effort in accordance with the Apache 2.0 open source license. The initial codebase will be imported from the G2 Corporation in their capacity as a Department of Defense contractor. The initial maintainer of the repository shall be Mr. Danny Martinez (National Security Agency).