DOGE-1

Part A: Description of Applicant (Operator)

1. General Applicant Information

a. Name of Applicant (entity or individual):

- Geometric Energy Corporation (GEC)
- Canadian Corporation

b. Location and address of Applicant:

- Geometric Energy Corporation
  350 7 Ave SW #1400
  Calgary, AB T2P 3N9 Canada

c. Applicant contact information (for example, general corporate or university contact information):

- Samuel Reid
  Geometric Energy Corporation
  350 7 Ave SW #1400
  Calgary, AB T2P 3N9 Canada
  sam@geometricenergy.ca
  +1-403-818-4830

d. Contact information for a specific individual to serve as the point of contact with the FCC:

- Samuel Reid (Owner, Ultimate Mission & Payload Operations Control Authority)
  Geometric Energy Corporation
  350 7 Ave SW #1400
  Calgary, AB T2P 3N9 Canada
  sam@geometricenergy.ca
  +1-403-818-4830

  Samuel Reid is the ultimate authority for DOGE-1 Mission & Payload Operations Control. Execution authority for emergency actions necessary to protect the health and safety of the spacecraft and payload (when possible), as well as respond to license compliance directives is delegated to XISP-Inc.

- Gary P. Barnhard (Mission Operations Control Director, Mission & Payload Operations Control Execution)
  Mission Support Contractor
  Xtraordinary Innovative Space Partnerships, Inc. (XISP-Inc)
  8012 Macarthur Boulevard
  Cabin John, MD 20818 USA
  gary.barnhard@xisp-inc.com
  +1 301 229 8012 (Office)
  +1 301 509 0848 (Mobile)

  Gary P. Barnhard /XISP-Inc is responsible for establishing and operating the Mission & Payload Operations Control capabilities for the DOGE-1 satellite.

e. Contact information for a specific individual to serve as the point of contact with FCC for limited-operations directives, if different than main point of contact, in the event that the applicant will receive a license in Tier 2 or Tier 3:

- Samuel Reid (Owner, Ultimate Mission & Payload Operations Control Authority)
  Geometric Energy Corporation
  350 7 Ave SW #1400
  Calgary, AB T2P 3N9 Canada
  sam@geometricenergy.ca
  +1-403-818-4830

  Samuel Reid is the ultimate authority for DOGE-1 Mission & Payload Operations Control. Execution authority for emergency actions necessary to protect the health and safety of the spacecraft and payload (when possible), as well as respond to license compliance directives is delegated to XISP-Inc.

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- Gary P. Barnhard
  Mission Support Contractor
  Xtraordinary Innovative Space Partnerships, Inc. (XISP-Inc)
  8012 Macarthur Boulevard
  Cabin John, MD 20818 USA
  gary.barnhard@xisp-inc.com
  +1 301 229 8012 (Office)
  +1 301 509 0848 (Mobile)

  Gary P. Barnhard /XISP-Inc is responsible for establishing and operating the Mission and Payload Operations Control for the DOGE-1 satellite. In addition, to execution of normal operations as directed, the execution authority for emergency actions necessary to protect the health and safety of the spacecraft and payload (when possible), as well as respond to license compliance directives is delegated to XISP-Inc.

f. Place of incorporation and, if incorporated outside the United States, an acknowledgement that you will operate your system within the United States and are therefore subject to the Secretary's jurisdiction under 15 CFR Part 960:

- Xtraordinary Innovative Space Partnerships, Inc. (XISP-Inc) is incorporated in the State of Maryland and serves as a mission support as well as mission and payload operations contractor for the DOGE-1 satellite.
- Geometric Energy Corporation (DOGE-1) is incorporated in the Province of Alberta, Canada. GEC acknowledges that they will operate the system within the United States in whole or in part and are therefore subject to the NOAA Secretary's jurisdiction under 15 CFR Part 960.

2. Ownership interests in the Applicant:

a. If there is majority U.S. ownership: report any domestic entity or individual with an ownership interest in the Applicant totaling at least 50 percent:

- Not Applicable (N/A).

b. If there is no majority U.S. ownership: report all foreign entities or individuals whose ownership interest in the Applicant is at least 10 percent:

- The DOGE-1 spacecraft and payload are the wholly owned (i.e., 100%) property of Geometric Energy Corporation, a Canadian entity.
- Geometric Energy is owned by:
    - Samuel Reid owns 68%
    - balance (32%) is reserved for GEC employee pool and investors.

c. Report any ownership interest in the Applicant by any foreign entity or individual on the Department of Commerce's Bureau of Industry and Security's Denied Persons List or Entity List or on the Department of the Treasury's Office of Foreign Asset Control's Specially Designated Nationals and Blocked Person List:

- Not Applicable (N/A).

3. Identity of any subsidiaries and affiliates playing a role in the operation of the System, including a brief description of that role:

- Mission Support Contractor & Mission and Payload Operations Control Contractor
    - Xtraordinary Innovative Space Partnerships, Inc. (XISP-Inc)
        - 8012 MacArthur Boulevard, Cabin John, MD 20818 USA.
        - XISP-Inc is a commercial entity domiciled in the State of Maryland.
        - XISP-Inc is one hundred percent (100%) owned by Gary Pearce Barnhard, a U.S.A. citizen born in Washington, DC.
    - XISP-Inc provides Mission Management support services to the DOGE-1 owners pursuant to agreements between the parties in question.
    - XISP-Inc is the Default Mission & Payload Operations Control Center supporting remote Payload Operations Centers as needed.
    - The DOGE-1 satellite owner has the right to and may choose to contract with an alternate commercial operator for Mission Operations Center and/or Remote Payload Operations Center functions after successful deployment and test of the satellites.
- Goonhilly Earth Station is providing the ground station services supporting uplink and downlink relay to the DOGE-1 satellite.