

Points of Communications

Satellite:

We are requesting a license to operate on any of the following satellites:

- Inmarsat GX 5F2 (55W)
- Inmarsat GX 5F3(180W)
- WGS6 (135W)
- WGS1 (175E)
- WGS5 (52.5W)
- S2180 AMC-15 (105W)
- S2181 AMC-16 (85W)
- S2205 GALAXY 28 (89W)
- S2179 ECHOSTAR 9 (121W)

Following is one satellite possible and is used as an example in our technical brief:

Inmarsat GX 5F2,

- located at 55W
- Commercial Ka: Uplink 29.5-30 GHz, Downlink 19.7-20.2 GHz
- HCP Commercial/Military Ka: Uplink 30-31 GHz, Downlink 19.2-21.2 GHz

KaStream5000 Terminal Area of Operations:

We are requesting operation within CONUS.

Following are operational areas that are currently planned:

Thousand Oaks, CA Operations Area

- 375 Conejo Ridge Ave, Thousand Oaks, CA 91361
- 34.169509, -118.846156
- Radius of operation = 100 miles (161 km)

San Diego, CA Operations Area

- 9890 Towne Centre Dr, San Diego, CA 92121
- 32.885324, -117.214756
- Radius of operation = 100 miles (161 km)



Hub Terminal Area of Operations:

We are requesting operation from any currently FCC licensed fixed hub earth station.

Following is one operational area currently planned:

San Diego, CA Operations Area

- 9890 Towne Centre Dr, San Diego, CA 92121
- 32.885324, -117.214756