

Exhibit 1: Purpose and Description of Operation

Purpose

Monet Mobile Networks, Inc. (“Monet”), pursuant to Sections 5.3(j), 5.55(d) and 5.61 of the Commission’s rules, 47 C.F.R. §§ 5.3(j), 5.55(d) and 5.61, seeks special temporary authorization to conduct limited (not to exceed three-months) market studies in five Basic Trading Area (“BTA”) markets licensed to Monet’s wholly-owned subsidiaries, using a radiofrequency device – specifically, a wireless modem – for which an equipment authorization application is pending at the FCC Laboratories.¹ The essential terms of the market studies are identical to a market study initiated by Monet and approved by the Office of Engineering and Technology in November 2001.²

The wireless modem will operate within the geographic coordinates of, and on Monet’s licensed broadband Personal Communications Service (“PCS”) frequencies in, the following markets:

Market Number	Call Sign	Market Name	Frequency Block	Licensee
BTA119	KNLG951	Duluth, Minnesota	F Block (1890-1895 MHz and 1970-1975 MHz)	Monet Duluth LHC, Inc.
BTA123	KNLG947	Eau Claire, Wisconsin	F Block (1890-1895 MHz and 1970-1975 MHz)	Monet Eau Claire LHC, Inc.
BTA138	KNLG803	Fargo, North Dakota	E Block (1885-1890 MHz and 1965-1970 MHz)	BWI Midwest LHC, Inc.
BTA166	KNLH747	Grand Forks, North Dakota	D Block (1865-1870 MHz and 1945-1950 MHz)	Monet Grand Forks LHC, Inc.
BTA422	KNLG784	Sioux Falls, South Dakota	D Block (1865-1870 MHz and 1945-1950 MHz)	Monet Sioux Falls LHC, Inc.

¹ A certification application has been filed at the FCC Laboratories for the modem covered by the instant special temporary authority request under the following FCC ID: PL5GPC-6210.

² See Special Temporary Authorization (call sign: WB9XNU) issued to Monet’s wholly-owned subsidiary, BWI Midwest, LHC, file no. 0363-EX-ST-2001.

Monet proposes to commence the market studies on October 29, 2002, and terminate the market studies on or before January 29, 2003. Monet further proposes to limit the number of wireless modems used in the studies to no more than 150 units in each of the five BTA markets involved in the studies. Monet requires the ability to use a maximum of 150 modems in each market to ensure that the data compiled from the studies represents a satisfactory demographic sampling of potential subscribers in each market. In addition, Monet's ability to identify and adjust technical imbalances that may arise in the interface between its network and the wireless modems is proportionally enhanced by the number of wireless modems that are interfacing with Monet's network on a real-world basis.

Monet is a start-up telecommunications company that provides wireless broadband Internet access and voice services to residential, university and small businesses primarily in rural markets. Monet obtained an experimental license in 2000 to test, develop and evaluate the network side of its custom-designed PCS network.³ In 2001, Monet obtained special temporary authorization to gauge customer acceptability of its service offerings over its custom-designed system architecture and to further test the overall interface between certain wireless modems custom-designed to operate with the network.⁴ Monet has subsequently upgraded the technology of its network by deploying Qualcomm's CDMA 1xEV-DO high data rate transmission technology – a data-only protocol that provides a fifteen-fold increase over previously available wireless technologies in the peak data-rate transmission capacity between the network and the subscriber units.⁵

Because neither the technology Monet is deploying nor its service offerings have been offered commercially in the United States, Monet wishes to conduct the limited market studies described herein to determine customer acceptability of the service and to further test the overall interface between the wireless modem and the network.

³ See Experimental License File No. 0080-EX-PL-2000. The experimental license was obtained by Burst Networks, Inc., recently renamed as Monet Mobile Networks, Inc.

⁴ See Special Temporary Authorization, call sign: WB9XNU.

⁵ Qualcomm's data-only CDMA 1xEV-DO allows data transfers at up to 2.4 Mbps per 1.25 MHz channel, which makes it the most spectrally efficient terrestrial wireless data transmission protocol commercially available. The network facilities developed under Monet's original experimental license utilized Qualcomm's 1xRTT CDMA technology, which is a hybrid voice/data transmission protocol that provides a peak data rate of 144 kbps per 1.25 MHz channel.

Description of Limited Market Studies

The terms of Monet's proposed limited market studies are as follows:

- 1) The wireless modem manufacturer (listed below) will loan the wireless modems to Monet for the purpose of conducting the limited market studies described herein. No payment will be provided to the modem manufacturer for the use of any modems operated under the authority of the instant special temporary authorization. The modem manufacturer will retain right, title and interest in the modems prior to the FCC's grant of the modem manufacturer's pending equipment authorization application.
- 2) Under the authority of the modem manufacturer, Monet will loan up to 150 modems for a three-month period to initial service subscribers in each of the five markets covered by the instant application for purposes of participating in the limited market studies. These subscribers will be provided with a survey questionnaire covering various aspects of the service that they will be requested to complete and return at the end of the three-month market study period. The participating subscribers will be required to place a deposit to ensure the modem's return at the end of the three-month market study period. In addition, each wireless modem subject to the market study will have a user notification statement prominently placed in the modem packaging alerting the user that (1) the wireless modem is authorized under a special temporary authorization issued by the Federal Communications Commission, and (2) operating authority is limited to the three-month market study period, unless notified otherwise by Monet.
- 3) Monet subscribers participating in the market studies sign one-year contracts and pay monthly service fees to receive service. The market study participants will use the wireless modem that has been loaned to them by Monet during the market study period, but must purchase an FCC-authorized wireless modem to continue the service after the study is completed. As an incentive to participate in the market studies, Monet may offer survey participants a discount on an FCC-authorized wireless modem at the end of the three-month market study period.

Grant of the instant application for special temporary authority will permit Monet to determine customer acceptability of its high-speed wireless Internet access service offerings. All of Monet's PCS licenses – including the markets covered by the instant application – are composed of primarily rural and underserved areas in which Monet's Internet access service may be the only advanced wireless data service available. Moreover, Monet's deployment of Qualcomm's CDMA 1xEV-DO high data rate transmission technology represents the first large-scale deployment of this technology in the United States. Grant of the instant application will allow these rural subscribers the

opportunity to help define the service offerings they receive, advancing the Commission's policy of relying on market forces to determine how services are offered and what technologies are adopted.

Finally, because the frequencies upon which the wireless modems will operate are licensed to Monet, the temporary operation poses no risk of harmful interference with other licensed operators.

Equipment to Be Used

The special temporary authorization covers the following wireless modem:

Manufacturer.	GTRAN Wireless
FCC ID:	PL5GPC-6210
Model:	GPC6210
Max erp:	175 mW (mean)
Emission:	1M25F9W