

Exhibit 1

Description of Proposed Operation

Clark Equipment Company d/b/a Bobcat Company, a subsidiary of Doosan Bobcat, Inc. ("Clark") seeks authority to use GPS re-radiators indoors at two manufacturing facilities in Bismarck and Gwinner, North Dakota. Clark is a global leader in the manufacture of construction equipment and heavy machinery. The advent of new telematics technologies has enabled Clark to provide its customers improved tracking, monitoring and data collection for such equipment. In order to develop and deliver accurate telematics services, Clark requires the ability to test the GPS components thereof, which testing will be conducted entirely indoors at its manufacturing facilities with GPS re-radiators. The re-radiator units are manufactured by Roger-GPS Ltd. (model GPRS-1). The technical specifications are attached as Attachment A. As set forth below, Clark's use will comply with Section 8.3.28 of the NTIA Manual of Regulations and Procedures for Federal Frequency Management.

Technical Requirements

Section 8.3.28(a): Individual authorization is for indoor use only, and is required for each device at a specific site.

The devices will be used entirely indoors at Clark's manufacturing facilities. One re-radiator will be located at 521 S. 22nd St., Bismarck, ND 58504 (46° 48' 1.7388" N, 100° 45' 22.6296" W) and one re-radiator will be located at 210 1st Ave., NE, Gwinner, ND 58040 (46° 13' 47.2008" N, 97° 39' 38.232" W).

Section 8.3.28(b): Applications for frequency assignment should be applied for as an XT station class with a note indicating the device is to be used as an "Experimental RNSS Test Equipment for the purpose of testing GPS receivers" and describing how the device will be used.

See attached application.

Section 8.3.28(c): Approved applications for frequency assignment will be entered in the GMF.

See attached application.

Section 8.3.28(d): The maximum length of the assignment will be two years, with possible renewal.

Clark requests a two-year license period.

Section 8.3.28(e): The area of potential interference to GPS reception (e.g., military or contractor facility) must be under the control of the user.

Clark owns and controls the two building sites.

Section 8.3.28(f): The maximum equivalent isotropically radiated power (EIRP) must be such that the calculated emissions are no greater than -140 dBm/24 MHz as received by an isotropic antenna at a distance of 100 feet (30 meters) from the building where the test is being conducted. The calculations showing compliance with this requirement must be provided with the application for frequency assignment and should be based on free space propagation with no allowance for additional attenuation (e.g., building attenuation.)

See Attachment B.

Section 8.3.28(g): GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.

Clark will post prominent signage on doors to the test area notifying that "GPS re-radiator is in use and the GPS information you receive may be in error."

Section 8.3.28(h): The use is limited to activity for the purpose of testing RNSS equipment/systems.

Activities under the license will be limited to testing RNSS equipment/systems.

Section 8.3.28(i): A "Stop Buzzer" point of contact for the authorized device must be identified and available at all times during GPS remediation operation of the device under any condition.

Clark's points of contact for each location are:

Bismarck

Torrey Gavin
End User Computing Analyst
Work: 701-222-5942
Mobile: 701-390-3473

Gwinner

Chadwick McNea
Sustaining Manufacturing
Work: 701-678-6526
Mobile: 701-308-0607

ATTACHMENT A

ATTACHMENT A



Steffe's & Company, LLC.

ROGER GPS Repeater Package (GPSR-BP-US)

A single ROGER GPS Repeater Package is enough to provide a GPS indoor coverage of up to 164 feet (50 m) from the repeater center. Mount the external antenna on the roof of the building and connect the cable supplied with the kit to the antenna and to the repeater installed indoors.

Connect the power supply unit to the repeater, adjust the repeater's transmission power according to the local conditions, to prevent a signal loopback, and indoor GPS coverage is immediately available.

Several ROGER-GPS Repeater Packages can be installed in the same building. Alternatively, the signal coverage provided by a single package can be extended with ROGER-GPS Accessories, such as line amplifiers and signal splitters.



WHAT'S IN THE BOX

- Outdoor antenna for receiving the GPS signals
- Antenna mount and adapter for cables
- ROGER GPS Repeater unit (GPSR-1)
- Power supply
- RF-cabling, 65 ft. (20 m)
- Manual

TECHNICAL SPECIFICATIONS		
Size	4.33 x 5.63 x 1.10 inches (110 X 143 x 28 mm)	
Weight	5.82 ounce (165 g)	
Overall Gain	> 40dB	
Noise Figure	< 2dB	
Variable attenuation	0-40dB	
Impedance	50Ω	
Input connector	SMA-female	
Operating temperature	-13 - 140°F (-25 - +60°C)	
Power supply	12VDC, 300mA	Power supply included
Indoor coverage radius	32.8 – 59 ft. (10-18m)	
Antenna power output	+5VDC, 100mA	
TX antenna gain	max +4dBd, RHCP polarization	
Other features		
Automatic gain control	Output power limit –60dBm, 0,000001mW	
Feedback oscillation suppression	Status/power LED	
Manual gain control	Internal transmit antenna	
CE-certified	Yes / 1986	

ATTACHMENT B

Roger GPS, repeater budget calculator for NTIA regulations



GPS carrier frequency, use code L1 or L2

L1
1575 MHz

Values in light blue cells only can be edited

Distance from Building

100 ft
30.48 m
0.019 mi
0.030 km

		External components				Repeater unit									
Avg Receive Power North America Isotropic Antenna		Receiver + Antenna Gain		Cable Loss. This has to be negative value		Attenuator		Repeater Gain. Adjusted in the repeater		Repeater Antenna Gain		Antenna Isotropic vs Dipole		Free Space Loss	
		dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB
Level	-130.0	-95.0	-104.0	-104.0	-104.0	-77.0	-74.0	-76.2	-66.1	-140.1	9.8E-18	W			
				0.0	Attenuator needed to reach allowed output limit		Effective Radiated Power	Effective Isotropic Radiated Power		Repeated Signal Power @ distance			NTIA requires < -140 @ 100 ft		