



Day Management Corporation dba Day Wireless Systems  
 2902 Hewitt Avenue, Everett, WA 98201  
 Tel: 425-258-0554 - Fax: 425-258-2949

**FILED**  
 DEC - 1 2022  
 KIRKLAND  
 MUNICIPAL COURT

**CERTIFICATE CONCERNING DESIGN AND CONSTRUCTION  
 OF ELECTRONIC SPEED MEASURING DEVICES  
 IRLJ RULE 6.6 EFFECTIVE 1/3/2006**

I, **Tomas Wren** do certify under penalty of perjury as follows:

I am employed with **DAY WIRELESS SYSTEMS**. My duties include supervising the maintenance and repair of Doppler and Laser speed measuring devices (SMD's) used by **The Woodinville Police Department 2YR CAL CYCLE**

<u>Manufacturer</u>	<u>RADAR Model</u>	<u>Serial Number</u>
Kustom	Golden Eagle	XE03902
	Antenna	DE09760
	Antenna	DE10009
	25 MPH Tuning Fork	004455
	40 MPH Tuning Fork	002030

I have the following qualifications with respect to the above stated SMD:

I have 7 years of experience working in the electronics and telecommunications industry in the public and private sectors. At this time, I have installed, optimized, and maintained an array of public safety and military radio systems. I have an FCC GROL license (PG00073056) and Marine Radio Operator Permit (MP00051847). I have been trained in the use and calibration procedures of both stationary and moving Doppler radars.

Day Wireless Systems maintains manuals for the above stated SMD's. I am personally familiar with those manuals and how the SMD is designed and operated. All initial testing of this SMD was performed under my direction. I have evaluated this unit and found it to meet or exceed existing performance standards.

**The Doppler program specifies:** Test procedures consisting of utilizing a precision Transmitter/Receiver (VOCAR HR). The above unit tuning fork/s is tested. The MPH plus output frequency of the fork/s is displayed and recorded for accuracy. In the stationary mode a single frequency is introduced to simulate target speed. In the moving mode two frequencies are introduced simultaneously to simulate target and patrol speeds. Utilizing precision mixer test unit (VOCAR HR WAND) the frequency output/s of the listed SMD is measured for accuracy. Operational tests consist of power up, lamp test, ICT, Squelch, day/night, lock, remote, lock/release/hold, audio, low voltage, range, opp/same lane and fast mode. Above tests are recorded on a Performance report and provided for the above agency.

The SMD listed above was tested and calibrated for accuracy on **October 14, 2022**.

Day Wireless Systems does hereby certify the above listed SMD meets manufacturer's published specifications and has been calibrated using standards whose accuracies are: In compliance and traceable to the National Institute of Standards and Technology.

Based upon my education, training, experience, and knowledge of the SMD listed above, it is my opinion that it is so designed and constructed as to accurately employ the Doppler effect in such a way that it will give accurate measurements of the speed of motor vehicles when properly calibrated and operated by a trained operator.

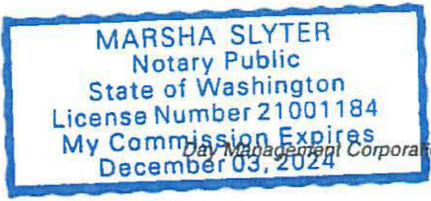
Certified by: Tomas Wren  
 Place: Everett, Washington

STATE OF WASHINGTON        )  
   )  
 County of Snohomish        )

  ss.

Signed or attested before me on **November 16**, 2022 by Tomas Wren

Apple Peovich  
 NOTARY PUBLIC in and for the State of  
 Washington, residing in Lacey. My  
 Appointment expires September 24, 2025



Day Management Corporation dba Day Wireless Systems - 4700 SE International Way, Milwaukie OR 97222  
 Phone: 503-659-1240 / Fax: 503-659-4723.

THIS DOCUMENT IS MAINTAINED  
 AS A PUBLIC RECORD IN  
 ACCORDANCE WITH RCW 5.44

**Woodinville Police Department  
2 Year Cal Cycle  
Date Calibrated 10/14/22  
Date due for Calibration 10/14/24**

**FILED**  
DEC - 1 2022  
KIRKLAND  
MUNICIPAL COURT

<u>Manufacturer</u>	<u>Model</u>	<u>S/N</u>	<u>Value</u>	<u>Vehicle/Unit</u>	<u>Notes</u>
Applied Concepts	Stalker Patrol	EC001679			
	Antenna	EB001882	24.149 GHz		
	Antenna	EB001884	24.157 GHz		
	25.25 MPH Tuning Fork	FD100269	1728 Hz		
	40.25 MPH Tuning Fork	FE200195	2906 Hz		
Kustom	Pro-Lite +	LP05663	Pass		
Kustom	Pro-Lite	LP02404	Pass		
Applied Concepts	Stalker LIDAR	LD079541	Pass		
Kustom	Talon	T04647	35.504 GHz		
	55 MPH Tuning Fork	9010	5906 Hz		
Kustom	HR-12	AA7752	24.146 GHz		
	35 MPH Tuning Fork	59070	2540 Hz		
	65 MPH Tuning Fork	57196	4716 Hz		
Kustom	Golden Eagle	XE03902			
	Antenna	DE09760	34.757 GHz		
	Antenna	DE10009	34.698 GHz		
	25 MPH Tuning Fork	004455	2610 Hz		
	40 MPH Tuning Fork	002030	4184 Hz		
Kustom	Pro-Lite +	LP05699	PASS		
Kustom	Pro-1000DS	DS12827			
	Antenna	LA23979	24.169 GHz		
	Antenna	LA23983	24.175 GHz		
	35 MPH Tuning Fork	16453	2532 Hz		
	65 MPH Tuning Fork	16947	4700 Hz		
Kustom	Pro Laser 4	LF02140	PASS		

**Woodinville Police Department  
 2 Year Cal Cycle  
 Date Calibrated 10/14/22  
 Date due for Calibration 10/14/24**

<b>Manufacturer</b>	<b>Model</b>	<b>S/N</b>	<b>Value</b>	<b>Vehicle/Unit</b>	<b>Notes</b>
<b>Applied Concepts</b>	<b>Stalker Patrol</b>	<b>EC001663</b>			
	<b>Antenna</b>	<b>EB001919</b>	<b>24.149 GHz</b>		
	<b>Antenna</b>	<b>EB001472</b>	<b>24.157 GHz</b>		
	<b>25.25 MPH Tuning Fork</b>	<b>FD100227</b>	<b>1796 Hz</b>		
	<b>40.25 MPH Tuning Fork</b>	<b>FE200205</b>	<b>2904 Hz</b>		
<b>Kustom</b>	<b>Talon Directional</b>	<b>DT04828</b>	<b>35.497 GHz</b>		
	<b>55 MPH Tuning Fork</b>	<b>58192</b>	<b>5496 Hz</b>		
<b>Applied Concepts</b>	<b>Stalker Dual</b>	<b>DC103982</b>			
	<b>Antenna</b>	<b>KC041365</b>	<b>34.708 GHz</b>		
	<b>Antenna</b>	<b>KC041406</b>	<b>34.716 GHz</b>		
	<b>25.25 MPH Tuning Fork</b>	<b>FA187691</b>	<b>2618 Hz</b>		
	<b>40.25 MPH Tuning Fork</b>	<b>FB289294</b>	<b>4176 Hz</b>		