DAY WIRELESS SYSTEMS

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

I, Anthony W Prince, do certify under penalty of perjury as follows:

I am employed with **DAY WIRELESS SYSTEMS**, an authorized MPH Industries and Kustom Signals Speed Measuring Device (SMD) Service Center, as a Calibration Technician since August 2015. Part of my duties includes supervising the maintenance and repair of all electronic and laser speed measuring devices (SMD's).

The **Ellensburg Police Department** currently uses the following SMD:

Manufacturer:	Model	Serial Number
MPH	**PYTHON**	**PYT546004242**
	35 MPH Tuning Fork	**978326**
	65 MPH Tuning Fork	**978335**
	Antenna	**PYT315012002**

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

Fifteen years of combined experience maintaining and repairing radio frequency communications and electronic devices. Five years US Marine Corps – Ground communication systems repair. Three years at McIntosh Communications as a field service technician. Over one year with Robinson Nevada Mining Company as their sole Communications technician. Six years with Day Wireless as a Journeyman Technician. I have an FCC GROL (General Radio Operator's License) with Ship Radar Endorsement (PG00048828).

Our company maintains manuals for the above stated SMD. I am personally familiar with those manuals and how the SMD is designed and operated. All initial testing of the SMD was performed under my direction. The unit was evaluated to meet or exceed existing performance standards.

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

This SMD listed above was tested and calibrated for accuracy on **JUNE 24, 2019.**

The calibration for accuracy is valid for up to three years from the date of testing in accordance with the National Highway Traffic Safety Administration recommendations for radar certifications.

Day Wireless Systems does hereby certify the above listed SMD meets manufacturer's published specifications and has been calibrated using standards whose accuracy's are 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 each of these pieces of equipment 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 trained personnel.

Certified by: Anthony W Prince
Place: Moses Lake, Washington

SARAH SCHOENWALD NOTARY PUBLIC STATE OF WASHINGTON COMMISSION EXPIRES NOV 18 2019

STATE OF WASHINGTON)
County of Grant)

Signed or attested before me on **JUNE 28, 2019** by Anthony W Prince.

Sarah Schoenwald
NOTARY PUBLIC in and for the State of Washington, residing in Moses Lake. My Appointment expires November 18, 2019.

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