



Vancouver Police Dept.
605 E. Evergreen Blvd.
Vancouver, WA 98661

Inventory # 491820

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

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

I, **Les J. Boyd**, 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 **VANCOUVER POLICE DEPT.** **2YR CAL CYCLE**

<u>Manufacturer</u>	<u>RADAR Model</u>	<u>Serial Number</u>
KUSTOM	GOLDEN EAGLE II	XE35713
	ANTENNA	DE69262
	ANTENNA	DE69263
	30 MPH TUNING FORK	23504
	55 MPH TUNING FORK	23810

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

Washington Technical Institute for Radio/Electronics, Bell & Howell for Electronics and Advanced Schools Incorporated for Automotive/Electronics, plus numerous courses pertaining to communications and electronics through GTE/Verizon, 30 years of experience in repair, maintenance, and calibration of electronic products. Successfully completed the MPH Industry factory training course on moving and stationary Doppler SMD's and completed factory service training courses on repair/calibration of the Laser Technologies INC. (LTI) Lidar products.

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 this SMD was performed under my direction. I evaluated this unit and found it to meet or exceed existing performance standards.

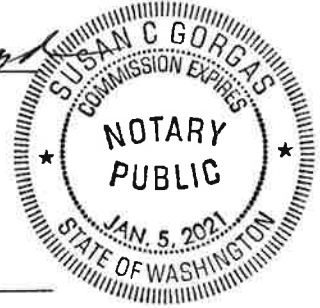
The Doppler program specifies: Test procedures consisting of utilizing a precision Transmitter/Receiver (VOACR HR). The above unit tuning fork/s is tested. The MPH plus output frequency of the fork/s is displayed and recorded for accuracy. In the stationary mode a single frequency is introduced to simulate 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 consists 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 **JULY 26, 2019**.

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: 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.

Les J. Boyd
Certified by: Les J. Boyd
Place: Everett, Washington



STATE OF WASHINGTON)
)
County of Snohomish) ss.

Signed or attested before me on **JULY 30, 2019** by Les J. Boyd

Susan C. Gorgas
Susan C. Gorgas
NOTARY PUBLIC in and for the State of
Washington, residing in Everett. My MP
Appointment expires January 5, 2021.



2902 HEWITT AVENUE
 EVERETT, WA 98201-3822
 www.daywireless.com
 (425) 258-0554

SMD PERFORMANCE REPORT RADAR

24x Cell Cycle

CUSTOMER <i>VANCOUVER PD</i>	MANUFACTURER <i>KUSTON</i>	BAND <i>KA</i>	CUSTOMER NO. <i>17336</i>
ADDRESS	MODEL NUMBER <i>Golden Eagle</i>	UNIT SERIAL NUMBER <i>XE 35713</i>	JOB TICKET <i>491920</i>
CITY	STATE	ZIP	DATE RECD <i>7.26.19</i>
ATTN	TEL.	ANTENNA SERIAL # <i>DE69262</i>	ASSET NUMBER <i>7.26.19</i>
REASON FOR SERVICE	FREQUENCY GHZ <i>35.526</i>	FREQUENCY GHZ <i>35.560</i>	DUE DATE <i>7.26.21</i>
ROUTINE CALIBRATION <input checked="" type="checkbox"/>	PERFORMANCE TESTS PASS		
SPEED ACCURACY	SENSITIVITY	PASS <input checked="" type="checkbox"/>	LAMP TEST <input checked="" type="checkbox"/>
STATIONARY	MOVING	PASS <input checked="" type="checkbox"/>	ICT <input checked="" type="checkbox"/>
TUNING FORK			
MPH 30 SN 23504	HZ 3190	MPH 55 SN 23810	SOUELCH <input checked="" type="checkbox"/>
COMMENTS <i>Call to Spec!</i>			
MEETS MFR. SPECS. <input checked="" type="checkbox"/>	DAY/NIGHT <input checked="" type="checkbox"/>		
TECHNICIAN SIGNATURE <i>Jan J. Boyd</i>			
SAME LANE / FAST <input checked="" type="checkbox"/>			