DAY
WIRELESS SYSTEMS
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, **Ernest Samaniego** 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 **Ferndale police Department 2 YR CAL CYCLE**

Manufacturer	RADAR Model	Serial Number
MPH	**PYTHON III**	**PYT124000813**
	ANTENNA	**PYT831016709**
	ANTENNA	**PYT831016710**
	35 MPH TUNING FORK	**76035**
	65 MPH TUNING FORK	**75458**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Jan 9, 2025.**

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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on Jan 29 **2025,** by Ernest Samaniego

CRISTINA PARMLEY
Notary Public
State of Washington
Commission # 23012024
My Comm. Expires May 11, 2027

Cristina Parmley
NOTARY PUBLIC in and for the State of Washington, residing in Granite Falls. My Appointment expires May 11, 2027

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MPH	**PYTHON III**	**PYT124000228**
	ANTENNA	**PYT831013203**
	ANTENNA	**PYT831013204**
	35 MPH TUNING FORK	**50582**
	65 MPH TUNING FORK	**52162**

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Manufacturer	RADAR Model	Serial Number
MPH	**PYTHON III**	**PYT854003296**
	ANTENNA	**PYT831009674**
	ANTENNA	**PYT831014713**
	35 MPH TUNING FORK	**234269**
	65 MPH TUNING FORK	**234015**

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Manufacturer	RADAR Model	Serial Number
MPH	**PYTHON III**	**PYT124000814**
	ANTENNA	**PYT831009675**
	ANTENNA	**PYT831010984**
	35 MPH TUNING FORK	**285913**
	65 MPH TUNING FORK	**286100**

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Manufacturer	RADAR Model	Serial Number
MPH	**PYTHON III**	**PYT854002448**
	ANTENNA	**PYT831005593**
	ANTENNA	
	35 MPH TUNING FORK	**288065**
	65 MPH TUNING FORK	**287879**

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Manufacturer	RADAR Model	Serial Number
KUSTOM	**EAGLE 3**	**SE11397**
	ANTENNA	**KA21139**
	ANTENNA	**KA21151**
	30 MPH TUNING FORK	**104461**
	55 MPH TUNING FORK	**104389**

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MPH	**PYTHON III**	**PYT831014715**
	ANTENNA	**PYT831014716**
	ANTENNA	**PYT124000495**
	35 MPH TUNING FORK	**64824**
	65 MPH TUNING FORK	**64359**

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Manufacturer	RADAR Model	Serial Number
MPH	**PYTHON III**	**PYT854003463**
	ANTENNA	**PYT831010378**
	ANTENNA	**PYT831010379**
	35 MPH TUNING FORK	**64801**
	65 MPH TUNING FORK	**54360**

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Manufacturer	RADAR Model	Serial Number
AIS INC	**TOM CAT**	**389**
	35 MPH TUNING FORK	**390132**

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Manufacturer	RADAR Model	Serial Number
DECATUR	**GENSIS VP**	**07640**
	33.2 MPH TUNING FORK	**183466**
	77.6 MPH TUNING FORK	**183412**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Jan 9, 2025.**

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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on Jan 29 2025, by Ernest Samaniego

CRISTINA PARMLEY
Notary Public
State of Washington
Commission # 23012024
My Comm. Expires May 11, 2027

Cristina Parmley
NOTARY PUBLIC in and for the State of Washington, residing in Granite Falls. My Appointment expires May 11, 2027

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, **Ernest Samaniego** 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 **Ferndale police Department 2 YR CAL CYCLE**

Manufacturer	RADAR Model	Serial Number
MPH	**SPEED GUN**	**SGP115400661**
	30 MPH TUNING FORK	**003305**
	55 MPH TUNING FORK	**003444**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Jan 9, 2025.**

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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on **Jan** 29 **2025,** by Ernest Samaniego

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Manufacturer	RADAR Model	Serial Number
MPH	**SPEED GUN**	**SGP115400667**
	20 MPH TUNING FORK	**634093**
	50 MPH TUNING FORK	**634084**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Jan 9, 2025.**

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.

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Place: Everett, Washington

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Manufacturer	RADAR Model	Serial Number
MPH	**PYTHON III**	**PYT854002447**
	ANTENNA	**PYT831005592**
	ANTENNA	**PYT855006096**
	35 MPH TUNING FORK	**91059**
	65 MPH TUNING FORK	**301326**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Jan 9, 2025.**

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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on Jan 29 2025, by Ernest Samaniego

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I, **Ernest Samaniego**, 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 **Ferndale Police Department 2YR Cal Cycle**

Manufacturer	LIDAR Model	Serial Number
APPLIED CONCEPTS	STALKER LIDAR LR	LR100136

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

I have 30 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 (PG00077009) with ship radar endorsement. I have been trained in the use and calibration procedures of both Stationary and moving Doppler radar. I have been trained in the use and calibration procedures for LIDAR SMDs.

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 evaluated this unit and found it to meet or exceed existing performance standards.

The Laser Program specifies: Test Procedures consisting if **(1)** Self-test, initialization, and display, **(2)** Scope alignment test is performed by aiming at a prominent target with definitive horizontal and vertical edges. A change in the pitch of the test tone when panning over the edges of test target indicates alignment accuracy. **(3)** Fixed distance/Zero velocity and Delta distance tests are performed with 150' and 175' accurately measured reflective targets. **(4)** Reference frequency test is measured through connection of the Laser SMD download port to a frequency counter, which measures the actual timing accuracy of the SMD.

The SMD listed above was tested and calibrated for accuracy on **Jan 9, 2025.**

Day Wireless Systems does hereby certify the above listed SMD meets manufacturer's published specifications and has been calibrated using standards whose accuracies 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 it is so designed and constructed as to accurately employ measurement techniques based on the velocity of light 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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on **Jan** 29, **2025** by Ernest Samaniego

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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 **Ferndale police Department 2 YR CAL CYCLE**

Manufacturer	RADAR Model	Serial Number
DECATUR	**GENESIS VP**	**GHD-08644**
	33.2 MPH TUNING FORK	**228722**
	77.6 MPH TUNING FORK	**228550**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Jan 9, 2025.**

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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
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I, Ernest Samaniego 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 **Ferndale police Department 2 YR CAL CYCLE**

Manufacturer	RADAR Model	Serial Number
DECATUR	**GENESIS VP**	**GHD-19909**
	33.2 MPH TUNING FORK	**286911**
	77.6 MPH TUNING FORK	**287054**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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.

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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.

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Place: Everett, Washington

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Manufacturer	RADAR Model	Serial Number
DECATUR	**GENESIS HANDHELD DIR**	**GHD-17040**
	25.25 MPH TUNING FORK	**011381**
	40.25 MPH TUNING FORK	**013362**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Jan 9, 2025.**

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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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
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Manufacturer	RADAR Model	Serial Number
DECATUR	**GENESIS HANDHELD DIR**	**GHD-08665**
	35 MPH TUNING FORK	**90617**
	77.6 MPH TUNING FORK	**264317**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Jan 9, 2025.**

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: Ernest Samaniego
Place: Everett, Washington

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Manufacturer	RADAR Model	Serial Number
DECATUR	**GENESIS HANDHELD DIR**	**GHD-06909**
	35.2 MPH TUNING FORK	**182769**
	65.6 MPH TUNING FORK	**182852**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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.

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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: Ernest Samaniego
Place: Everett, Washington

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

I, **Ernest Samaniego** 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 **Ferndale police Department 2 YR CAL CYCLE**

Manufacturer	RADAR Model	Serial Number
MPH	**SPEED GUN**	**SGP115400668**
	20 MPH TUNING FORK	**634108**
	50 MPH TUNING FORK	**634073**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Jan 9, 2025.**

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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on **Jan 29 2025,** by Ernest Samaniego

CRISTINA PARMLEY
Notary Public
State of Washington
Commission # 23012024
My Comm. Expires May 11, 2027

Cristina Parmley
NOTARY PUBLIC in and for the State of Washington, residing in Granite Falls. My Appointment expires May 11, 2027

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

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Manufacturer	RADAR Model	Serial Number
MPH	**VINDICATOR**	**VH144667**
	35 MPH TUNING FORK	**678643**
	65 MPH TUNING FORK	**412765**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. I have been trained in the use and calibration procedures of both stationary and moving Doppler radars.

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Manufacturer	RADAR Model	Serial Number
KUSTOM	**EAGLE 3**	**SE11399**
	ANTENNA	**KA21154**
	ANTENNA	**KA21126**
	30 MPH TUNING FORK	**104406**
	55 MPH TUNING FORK	**104388**

I have the following qualifications with respect to the above stated SMD:
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Manufacturer	RADAR Model	Serial Number
KUSTOM	**Raptor RP-1**	**RP14825**
	ANTENNA	**RK20925**
	ANTENNA	
	35 MPH TUNING FORK	**61942**
	65 MPH TUNING FORK	**56933**

I have the following qualifications with respect to the above stated SMD:
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The SMD listed above was tested and calibrated for accuracy on **Mar 27, 2025.**

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.

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Place: Everett, Washington

STATE OF WASHINGTON)
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County of Snohomish)

Signed or attested before me on **Mar 27 2025,** by Ernest Samaniego

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Manufacturer	RADAR Model	Serial Number
MPH	PYTHON III	PYT124000494
	ANTENNA	PYT831014714
	ANTENNA	PYT855006741
	35 MPH TUNING FORK	009069
	65 MPH TUNING FORK	008045

I have the following qualifications with respect to the above stated SMD:
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Manufacturer	RADAR Model	Serial Number
MPH	**PYTHON III**	**PYT854002593**
	ANTENNA	**PYT855005354**
	ANTENNA	**PYT831005929**
	35 MPH TUNING FORK	**395736**
	65 MPH TUNING FORK	**395728**

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Manufacturer	RADAR Model	Serial Number
MPH	**PYTHON III**	**PYT854001938**
	ANTENNA	**PYT831004852**
	ANTENNA	**PYT831008098**
	35 MPH TUNING FORK	**91057**
	65 MPH TUNING FORK	**90967**

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Manufacturer	RADAR Model	Serial Number
MPH	**SERIES II**	**PYT546002074**
	35 MPH TUNING FORK	**395749**
	65 MPH TUNING FORK	**395177**

I have the following qualifications with respect to the above stated SMD:
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Manufacturer	RADAR Model	Serial Number
DECATUR	**GENESIS HANDHELD DIR**	**GHD-08662**
	33.2 MPH TUNING FORK	**206003**
	77.6 MPH TUNING FORK	**205719**

I have the following qualifications with respect to the above stated SMD:
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Manufacturer	RADAR Model	Serial Number
DECATUR	**GENESIS HANDHELD DIR**	**GHD-06910**
	35 MPH TUNING FORK	**90631**
	65 MPH TUNING FORK	**89884**

I have the following qualifications with respect to the above stated SMD:
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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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on Jan 29 2025, by Ernest Samaniego

CRISTINA PARMLEY
Notary Public
State of Washington
Commission # 23012024
My Comm. Expires May 11, 2027

Cristina Parmley
NOTARY PUBLIC in and for the State of Washington, residing in Granite Falls. My Appointment expires May 11, 2027

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, **Ernest Samaniego** 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 **Ferndale police Department 2 YR CAL CYCLE**

Manufacturer	RADAR Model	Serial Number
DECATUR	GENESIS HANDHELD DIR	GHD-08643
	35 MPH TUNING FORK	42037
	50 MPH TUNING FORK	18013

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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.

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Manufacturer	RADAR Model	Serial Number
DECATUR	**GENESIS HANDHELD DIR**	**GHD-14349**
	33.2 MPH TUNING FORK	**241677**
	77.6 MPH TUNING FORK	**241652**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. I have been trained in the use and calibration procedures of both stationary and moving Doppler radars.

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Manufacturer	RADAR Model	Serial Number
MPH	**VINDICATOR**	**VH14654**
	35 MPH TUNING FORK	**59645**
	50 MPH TUNING FORK	**823814**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. I have been trained in the use and calibration procedures of both stationary and moving Doppler radars.

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Manufacturer	RADAR Model	Serial Number
MPH	**VINDICATOR**	**VH14665**
	35 MPH TUNING FORK	**301694**
	65 MPH TUNING FORK	**978429**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. I have been trained in the use and calibration procedures of both stationary and moving Doppler radars.

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Manufacturer	RADAR Model	Serial Number
MPH	**SPEED GUN**	**SGP115400662**
	20 MPH TUNING FORK	**523812**
	50 MPH TUNING FORK	**523823**

I have the following qualifications with respect to the above stated SMD:
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Manufacturer	RADAR Model	Serial Number
DECATUR	**GENESIS VP**	**07008**
	35 MPH TUNING FORK	**55324**
	65 MPH TUNING FORK	**55303**

I have the following qualifications with respect to the above stated SMD:
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Manufacturer	RADAR Model	Serial Number
MPH	**PYTHON III**	**PYT854002345**
	35 MPH TUNING FORK	**76030**
	65 MPH TUNING FORK	**75462**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. I have been trained in the use and calibration procedures of both stationary and moving Doppler radars.

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Manufacturer	RADAR Model	Serial Number
APPLIED CONCEPTS	**STALKER PATROL**	**EC004502**
	ANTENNA	**EB006285**
	ANTEENA	**EB006289**
	35 MPH TUNING FORK	**6681**
	65 MPH TUNING FORK	**810387**

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Manufacturer	RADAR Model	Serial Number
MPH	ENFORCER	ENF686003149
	ANTENNA	BEN653035339
	ANTEENA	
	35 MPH TUNING FORK	91054
	65 MPH TUNING FORK	90964

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Manufacturer	RADAR Model	Serial Number
MPH	PYTHON III	PYT854002592
	ANTENNA	PYT831005928
	ANTENNA	PYT855005355
	33.2 MPH TUNING FORK	241762
	77.6 MPH TUNING FORK	241632

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Jan 10, 2025.**

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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on **Jan 29 2025,** by Ernest Samaniego

CRISTINA PARMLEY
Notary Public
State of Washington
Commission # 23012024
My Comm. Expires May 11, 2027

Cristina Parmley
NOTARY PUBLIC in and for the State of Washington, residing in Granite Falls. My Appointment expires May 11, 2027

DAY WIRELESS SYSTEMS
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, **Ernest Samaniego**, 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 **Ferndale Police Department 2YR Cal Cycle**

Manufacturer	LIDAR Model	Serial Number
APPLIED CONCEPTS	STALKER LIDAR	LD080444

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

I have 30 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 (PG00077009) with ship radar endorsement. I have been trained in the use and calibration procedures of both Stationary and moving Doppler radar. I have been trained in the use and calibration procedures for LIDAR SMDs.

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 evaluated this unit and found it to meet or exceed existing performance standards.

The Laser Program specifies: Test Procedures consisting if (1) Self-test, initialization, and display, (2) Scope alignment test is performed by aiming at a prominent target with definitive horizontal and vertical edges. A change in the pitch of the test tone when panning over the edges of test target indicates alignment accuracy. (3) Fixed distance/Zero velocity and Delta distance tests are performed with 150' and 175' accurately measured reflective targets. (4) Reference frequency test is measured through connection of the Laser SMD download port to a frequency counter, which measures the actual timing accuracy of the SMD.

The SMD listed above was tested and calibrated for accuracy on **Jan 10, 2025.**

Day Wireless Systems does hereby certify the above listed SMD meets manufacturer's published specifications and has been calibrated using standards whose accuracies 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 it is so designed and constructed as to accurately employ measurement techniques based on the velocity of light 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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on **Jan 29, 2025** by Ernest Samaniego

CRISTINA PARMLEY
Notary Public
State of Washington
Commission # 23012024
My Comm. Expires May 11, 2027

Cristina Parmley
NOTARY PUBLIC in and for the State of Washington, residing in Granite Falls. My Appointment expires May 11, 2027

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

I, **Ernest Samaniego** 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 **Ferndale police Department 2 YR CAL CYCLE**

Manufacturer	RADAR Model	Serial Number
MPH	PYTHON III	PYT854001937
	ANTENNA	PYT831004851
	ANTENNA	PYT855006097
	35 MPH TUNING FORK	288941
	65 MPH TUNING FORK	289012

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Mar 13, 2025.**

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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on **Mar 14 2025,** by Ernest Samaniego.

CRISTINA PARMLEY
Notary Public
State of Washington
Commission # 23012024
My Comm. Expires May 11, 2027

Cristina Parmley
NOTARY PUBLIC in and for the State of Washington, residing in Granite Falls. My Appointment expires May 11, 2027

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, **Ernest Samaniego** 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 **Ferndale police Department 2 YR CAL CYCLE**

Manufacturer	RADAR Model	Serial Number
MPH	**PYTHON III**	**PYT854003533**
	ANTENNA	**PYT831016711**
	ANTENNA	**PYT831005345**
	35 MPH TUNING FORK	**964028**
	65 MPH TUNING FORK	**078922**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Mar 13, 2025.**

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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on **Mar 14 2025,** by Ernest Samaniego

CRISTINA PARMLEY
Notary Public
State of Washington
Commission # 23012024
My Comm. Expires May 11, 2027

Cristina Parmley
NOTARY PUBLIC in and for the State of Washington, residing in Granite Falls. My Appointment expires May 11, 2027

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, **Ernest Samaniego** 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 **Ferndale Department 2 YR CAL CYCLE**

Manufacturer	RADAR Model	Serial Number
KUSTOM	**Raptor RP-1**	**RP14825**
	ANTENNA	**RK20925**
	ANTENNA	
	35 MPH TUNING FORK	**61942**
	65 MPH TUNING FORK	**56933**

I have the following qualifications with respect to the above stated SMD:
I have 30 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 (PG00077009) with ship radar endorsement. 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 **Mar 27, 2025.**

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: Ernest Samaniego
Place: Everett, Washington

STATE OF WASHINGTON)
) ss.
County of Snohomish)

Signed or attested before me on **Mar 27 2025**, by Ernest Samaniego

CRISTINA PARMLEY
Notary Public
State of Washington
Commission # 23012024
My Comm. Expires May 11, 2027

Cristina Parmley
NOTARY PUBLIC in and for the State of Washington, residing in Granite Falls. My Appointment expires May 11, 2027

Decatur

DECATUR ELECTRONICS, LLC
920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029
800.428.4315

Tuning Fork
CERTIFICATE *of* ACCURACY

I hereby certify that Tuning Fork Serial #

240139

has been tested and found to oscillate at 2394[illegible] Hz at 70 degrees F. It will cause a Doppler traffic radar transmitting at 24.150 GHz to display 33 MPH.

Test equipment used by Decatur Electronics, LLC. for calibration has accuracy traceable to the National Institute of Standards and Technology.

3.27.25

Quality Technician | Date

Decatur electronics

Decatur Electronics, LLC

920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029

CERTIFICATE *of* ACCURACY

I hereby certify the following Speed Measuring Radar Device has been checked for accuracy and correctness of operation under my supervision. This Speed Measuring Radar Device is certified accurate within 1 mph (kph) in moving mode, using equipment with accuracy traceable to the National Institute of Standards and Technology. The transmitter frequency of this Speed Measuring Radar Device has been tested and found to be within the prescribed limits as established by the Federal Communications Commission, NHTSA and IACP.

Model **SCOUT2** Serial Number **SHD2-05673** Transmitter Frequency **24.118**

Decatur electronics

7/25/25

Date

Quality Technician

DECATUR ELECTRONICS, LLC
920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029
800.428.4315

Tuning Fork

CERTIFICATE *of* ACCURACY

I hereby certify that Tuning Fork Serial

240303

has been tested and found to oscillate at 2.394 [illegible] Hz at 70 degrees F. It will cause a Doppler traffic radar transmitting at 24.150 GHz to display 33 MPH.

Test equipment used by Decatur Electronics, LLC. for calibration has accuracy traceable to the National Institute of Standards and Technology

Qualif. Technitian

3/27/25

Date

Decatur electronics

Decatur Electronics, LLC
920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029

CERTIFICATE *of* ACCURACY

I hereby certify the following Speed Measuring Radar Device has been checked for accuracy and correctness of operation under my supervision. This Speed Measuring Radar Device is certified accurate within [illegible] mph ([illegible] kph) in moving mode, using equipment with accuracy traceable to the National Institute of Standards and Technology. The transmitter frequency of this Speed Measuring Radar Device has been tested and found to be within the prescribed limits as established by the Federal Communications Commission, NHTSA and IACP.

Model **SCOUT2** Serial Number **SHD2-05674** Transmitter Frequency **24.128**

Decatur electronics

7/25/25

Date

Quality Technitian

DECATUR ELECTRONICS, LLC
920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029
800.428.4315

Tuning Fork

CERTIFICATE *of* ACCURACY

I hereby certify that Tuning Fork Serial #

240296

has been tested and found to oscillate at 2391 [illegible] 5 Hz at 70 degrees F. It will cause a Doppler traffic radar transmitting at 24.150 GHz to display 33 M.P.H.

Test equipment used by Decatur Electronics, LLC., for calibration has accuracy traceable to the National Institute of Standards and Technology.

Quality Technitian 3/27/25 Date

Decatur electronics

Decatur Electronics, LLC. 920 S. Andreasen Dr. Suite 103 San Diego, Ca. 92029

CERTIFICATE *of* ACCURACY

I hereby certify the following Speed Measuring Radar Device has been checked for accuracy and correctness of operation under my supervision. This Speed Measuring Radar Device is certified accurate within 1 mph (1 kph) in moving mode, using equipment with accuracy traceable to the National Institute of Standards and Technology. The transmitter frequency of this Speed Measuring Radar Device has been tested and found to be within the prescribed limits as established by the Federal Communications Commission, NHTSA and IACP

Model **SCOUT2** Serial Number **SHD2-05692** Transmitter Frequency **24.120**

Decatur electronics

7/25/25
Date

Quality Technitian

DECATUR ELECTRONICS, LLC
920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029
800.428.4315

Tuning Fork

CERTIFICATE of ACCURACY

I hereby certify that Tuning Fork Serial #

240036

has been tested and found to oscillate at 2391 +/- 5 Hz at 70 degrees F. It will cause a Decatur traffic radar transmitting at 24.150 GHz to display 55 M.P.H.

Test equipment used by Decatur Electronics, LLC, for calibration has accuracy traceable to the National Institute of Standards and Technology.

Quality Technitian

3/27/25
Date

Decatur electronics

DECATUR ELECTRONICS, LLC
920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029

CERTIFICATE of ACCURACY

I hereby certify the following Speed Measuring Radar Chronograph has been checked for accuracy and corrected of operation under my supervision. This Speed Measuring Radar Chronograph is certified accurate within +/- 1 mph (+/- 1.6 kph) for moving mode, using equipment with accuracy traceable to the National Institute of Standards and Technology. The transmitter frequency of this Speed Measuring Radar Chronograph has been tested and found to be within the prescribed limits as established by the Federal Communications Commission (47 C.F.R.) Part 15.245

Model **SCOUT2** Serial Number **SHD2-05693** Transmitter Frequency **24.112**

Decatur electronics

7/18/25
Date

Quality Technitian

DECATUR ELECTRONICS, LLC
920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029
800.428.4315

Tuning Fork

CERTIFICATE of ACCURACY

I hereby certify that Tuning Fork Serial

240238

has been tested and found to oscillate at 2391 [illegible] 5 Hz at 70 degrees F. It will cause a Doppler traffic radar transmitting at 24.150 GHz to display 33 MPH.

Test equipment used by Decatur Electronics, LLC. for calibration has accuracy traceable to the National Institute of Standards and Technology.

Quality Technician — 3/27/25 Date

Decatur electronics

Decatur Electronics, LLC — 920 S. Andreasen Dr. Suite 103, San Diego, Ca. 92029

CERTIFICATE of ACCURACY

I hereby certify the following Speed Measuring Radar Device has been checked for accuracy and correctness of operation under my supervision. This Speed Measuring Radar Device is certified accurate within [illegible] 1 mph ([illegible] 1 kph) in moving mode, using equipment with accuracy traceable to the National Institute of Standards and Technology. The transmitter frequency of this Speed Measuring Radar Device has been tested and found to be within the prescribed limit, as established by the Federal Communications Commission, NHTSA and IACP.

Model **SCOUT2** Serial Number **SHD2-05696** Transmitter Frequency **24.128**

Decatur electronics

7/25/25 Date — Quality Technician

Decatur Electronics, LLC
920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029
800.428.4315

Tuning Fork

CERTIFICATE *of* ACCURACY

I hereby certify that Tuning Fork Serial

240326

has been tested and found to oscillate at [illegible] *Hz at 70 degrees F. It will cause a Doppler traffic radar transmitting at 24.150 GHz to display 35 MPH.*

Test equipment used by Decatur Electronics, LLC, for calibration has accuracy traceable to the National Institute of Standards and Technology.

Quality Technician: [signature] Date: 3/27/25

Decatur electronics

Decatur Electronics, LLC.
920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029

CERTIFICATE *of* ACCURACY

I hereby certify the following Speed Measuring Radar Device has been checked for accuracy and correctness of operation under my supervision. This Speed Measuring Radar Device is certified accurate within ___ mph (___ kph) in moving mode, using equipment with accuracy traceable to the National Institute of Standards and Technology. The transmitter frequency of this Speed Measuring Radar Device has been tested and found to be within the prescribed limits as established by the Federal Communications Commission, NHTSA and IACP.

Model **SCOUT2** Serial Number **SHD2-05698** Transmitter Frequency **24.123**

Decatur electronics

Date: **7/25/25**

Quality Technician: [signature]

DECATUR ELECTRONICS, LLC
920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029
800.428.4313

Tuning Fork

CERTIFICATE *of* ACCURACY

I hereby certify that Tuning Fork Serial

240286

has been tested and found to oscillate at [illegible] *degrees F.* [illegible] *while transmitting at* [illegible]

This equipment used by Decatur Electronics, LLC for calibration has accuracy traceable to the National Institute of Standards and Technology.

Quality Tecnnitian

8/11/25
Date

Decatur electronics

Decatur Electronics, LLC.

920 S. Andreasen Dr. Suite 103
San Diego, Ca. 92029

CERTIFICATE *of* ACCURACY

I hereby certify the following Speed Measuring Radar Device has been checked for accuracy and correctness of operation under my supervision. This Speed Measuring Radar Device is certified accurate within [illegible] *mph (* [illegible] *kph) in moving mode, using equipment with accuracy traceable to the National Institute of Standards and Technology. The transmitter frequency of this Speed Measuring Radar Device has been tested and found to be within the prescribed limits as established by the Federal Communications Commission, NHTSA and IACP*

Model **SCOUT2** Serial Number **SHD2-06226** Transmitter Frequency **24.113**

Decatur electronics

8/20/25
Date

Quality Tecnnitian