July 19, 2023

VIA E-MAIL ONLY to
audiofillings@fcc.gov

Marlene H. Dortch, Secretary
Federal Communications Commission
45 L. Street NE Washington DC 20554

Re: KSPT (AM), Sandpoint, Idaho,(FAC# 5989);
Request for Special Temporary Authority
to Operate with Temporary Antenna System

Dear Madam Secretary:

Blue Sky Broadcasting, Inc., the Licensee of KSPT(AM), Sandpoint, Idaho (FAC# 5989) respectfully request Special Temporary Authority ("STA") to operate with a temporary antenna system at its studio location at 327 Marion Avenue, Sandpoint, Idaho.

As previously advised, the station has lost the use of its transmitting site and is currently silent (see LMS-000197047). KSPT (AM) seeks to return to the air using the temporary antenna system proposed herein and recognizes the very special temporary nature of the STA requested herein.

A grant of this request is in the public interest as it will allow the station to resume service to its community and the surround area, and does not cause harmful interference to any known broadcast facility. The proposed service contour from this proposal is wholly contained within the licensed service contour.

Attached hereto are the proposed STA parameters prepared by T Z Sawyer Technical Consultants.

Blue Sky Broadcasting, Inc., respectfully request 180 days to operate via the proposed STA parameters, while efforts to find a viable permanent site continue that meets both FCC and FAA regulatory requirements.

Pursuant to FCC *Public Notice,* DA 22-29, (released January 11, 2022) (the "Public Notice") this instant STA Request is being submitted by e-mail to audiofillings@fcc.gov.

ANTI-DRUG ABUSE ACT CERTIFICATION

The Applicant certifies that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits pursuant to section 5301 of the AntiDrug Abuse Act of 1988, 21 U.S.C. §853a, or, in the case of a nonindividual applicant *(e.g.,* corporation, partnership or other unincorporated association), no party to the application is subject to a

denial of federal benefits pursuant to that section. For the definition of a "party" for these purposes, *see* 47 C.F.R. §1.2002(b).

Should there be any questions regarding the technical parameters of this Station STA Request, please contact the office T Z Sawyer Technical Consultants directly at (703) 848-2130 or via email to tzsawyer@tzsawyer.com

Respectfully submitted,

for Blue Sky Broadcasting, Inc.

Dylan L. Benefield, General Manager
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Email to:
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for T Z Sawyer Technical Consultants

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tzsawyer@tzsawyer.com

Attachments
cc: Jerome Manarchuck
via email: Jerome.Manarchuck@fcc.gov

T Z SAWYER TECHNICAL CONSULTANTS

2130 HUTCHISON GROVE COURT, SUITE 100
FALLS CHURCH, VIRGINIA 22043
TELEPHONE (703) 848-2130

KSPT (AM) ENGINEERING STA REQUEST
SANDPOINT, IDAHO
FACILITY ID: 5989

JULY 2023

Engineering Narrative

By means of the instant application, the applicant proposes to operate with a temporary antenna system at its studio location in Sandpoint, Idaho.

The applicant proposes to operate (during all hours) on its licensed frequency of 1400 KHz (Class C facility) with a maximum antenna input power of 0.20 kW (200 watts) using an elevated vertical whip antenna side mounted on the existing studio building STL tower located at 327 Marion Avenue, Sandpoint, Idaho.

The details of the proposed operation are:

Proposed KSPT (AM) STA Operation

NAD27 DATUM	PROPOSED (DD-MM-SS.S)
LATITUDE	48-16-11.7 N
LONGITUDE	116-33-34.5 W
ANTENNA STRUCTURE REGISTRATION	NOT REQUIRED
SUPPORTING STRUCTURE	STUDIO BUILDING - SIDE MOUNTED ON BUILDING STL TOWER

ANTENNA SYSTEM TRADE NAME: ISS HPR.0990	PROPOSED
Electrical Description (from Manufacturer)	"The HPR.0990 can transmit with up to 270 watts (carrier) with no ATU requirement due to its 50-ohm resonant design. A generous loading coil and capacitive top hat allow the antenna to be shorter (32 feet) and more efficient than antennas of similar design. (SEE MANUFACTURER'S CUTSHEET ATTACHED)
Theoretical RMS (at 1400 KHZ)	140 mV/m/kW at 1 km (from cutsheet data)
Overall Height (AGL)	15.85 meters (52 feet) Height Above Ground to whip tip. Radiator Length (Whip) 9.75 meters (32 feet)
Antenna Registration	Not Required (less than 61 meters AGL) No lighting/marking required - No FAA Required. Existing Building with Pole
Antenna Input Power (non-directional, all modes)	0.200 kW Day 0.200 kW Night
Antenna Ground System	A 15.24 meter (50-foot) radius elevated ground plane provides the required counterpoise for the antenna.

Figure 1 - Daytime Allocation Study

KSPT (AM) is licensed on 1400 kHz with a day and nighttime power of 1.0 kilowatt, as a nondirectional Class C station.

This proposal seeks STA operation using a slightly elevated temporary "whip" antenna system with an antenna input power of 0.20 kilowatts and an estimated antenna RMS of approximately 62.6 mV/m at requested input power per kilometer.

As shown on the included contour map, the proposed service contour is wholly contained within the existing licensed contour of the station. Soil conductivity values obtained from the FCC M3 database (or R2 database, if appropriate) have been used to calculate and plot the contours in combination with the existing and proposed radiated power.

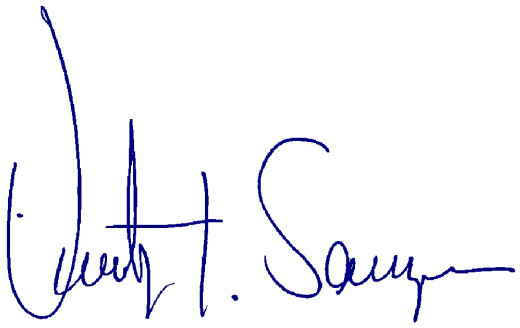
Environmental Considerations:

The applicant believes its proposal will not significantly affect the environment for the following reasons:

The proposal does not meet any of the criteria specified in Section 1.1307 of the FCC Rules. More specifically, the proposed facilities are not known to fall within any of the categories enumerated in Sections 1.1307(a)(1)-(7) and will not involve the use of high-intensity white lights.

The operation of the facility will not involve the exposure of workers or the general public to levels of radiofrequency electromagnetic fields exceeding guidelines adopted by the Federal Communications Commission. The radiator and the supporting structure are surrounded by a gated, and locked fence enclosure as required by the Commission's rules. Access to the tower and radiator is restricted, and suitable warning signs are posted. The applicant will reduce power or cease operation as necessary in coordination with any other site users during periods of maintenance or installation of equipment.

Respectfully submitted
July 19, 2023

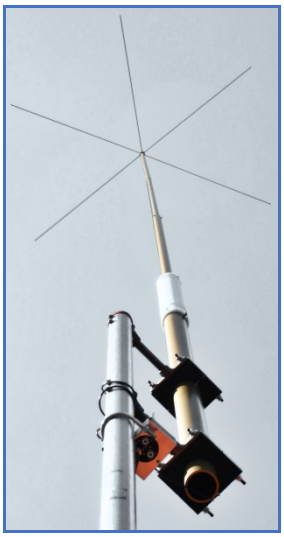
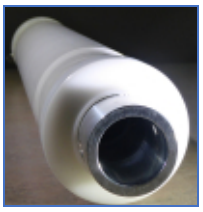


Timothy Z. Sawyer, Consulting Engineer

T Z Sawyer Technical Consultants
2130 Hutchison Grove Court, Suite 100
Falls Church, VA 22043
Telephone: (703) 848-2130
e-mail to: tzsawyer@tzsawyer.com

Information Station Specialists
theRADIOsource.com

PRODUCT INFORMATION

Component	AM Radio High Performance Antenna
Part Number	HPR.0990
Image	  **The heavy-duty HPR.0990 Antenna Coil can handle hundreds of watts efficiently.**
Description	This high performance antenna offers a communication professional the ability to establish an AM broadcast signal more efficiently than before possible with an antenna of similar design and price point. Its 50-ohm resonant design requires only a matching transformer at its feed-point, eliminating the need for an antenna tuner (matching network). Designed to operate most efficiently in conjunction with a horizontal groundplane, this antenna is compact and light-weight, making it easy to ship, set up and install. It may be assembled in minutes, if required, for an emergency application.
Specifications	Power: up to 270 watts carrier (1710 kHz)/100% modulation; up to 180 watts carrier (530 kHz)/100% modulation. See Table 1 below.
	Frequency Range: Various versions of the antenna's design allow it to function on any frequency in the 470 to 1800 kHz operating range.
	Efficiency: 65 (530 kHz) to 308 (1710 kHz) with 50' groundplane [mV/m/km/1KW IDF – Inverse Distance Field].
	Mounting Format: Top of support structure [tower, mast or pole]. Lower 36" of antenna base clamps in insulator mounts which can be attached to a vertical support with a round or flat surface.
	Type: center-loaded, bottom-fed vertical, whip-type antenna with adjustable 6-element capacitive top hat and adjustable vertical tuning section. Omni directional. Anodized aluminum finish. Guying ring included.
Specs (cont'd)	Audio Bandwidth (2:1 SWR): 530 kHz: +/- 1.5 kHz; 1710 kHz +/- 5.5 kHz. See Table 1 below.
	Temperature endurance: -40°C to 85°C.

Please be aware that all products we describe here are subject to availability based on our manufacturing capacity and the shipping dates. While we have made every effort to ensure the accuracy of all information, we do not accept liability for any errors or omissions and reserve the right to change these specifications without notice.

Mail to PO Box 51 or Ship to 3368 88th Ave, Zeeland MI 49464-0051 USA
616.772.2300

PRODUCT INFORMATION

Component	AM Radio High Performance Antenna
	Wind endurance: greater than 100 MPH, unguyed. Greater than 140 MPH with the addition of guy lines (nonconductive only). Wind surface area maximum of 4.7 square feet (530 kHz).
	Weight of the complete antenna varies with frequency. 30.5 lbs nominal. Mounts with insulators (2): 5.5 lbs total.
	Overall assembly: 5 sections plus capacitive hat. Length varies with frequency and tip extension. Typical: 32'. Includes assembly hardware. Outside diameter of vertical sections taper from 2.5" (lower) to 1.0" (upper). Capacitive hat spoke length varies with frequency.
	Recommended separation from buildings and structures: 100' or equal to the height of the structure, whichever is greater.
	RF exposure separation: 1 meter minimum recommended for both occupational and controlled environments.
	Optional Accessories:
	• FlexPlane Pro Preassembled Portable Groundplanes • THE**MATCH**BOX Impedance Matching Transformer • Lightning Arrestor & Grounding Enclosure • Insulators with Stand-Off Mounts • Weatherproof Cabinets • Coaxial Cable with Connectors • Guying Kit • Support Poles & Masts • Roof Stands

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Table 1 of 3

Frequency Band	Max Carrier Power 100% + Modulation Peaks	Max Carrier Power 125% + Modulation Peaks	2:1 VSWR Bandwidth	Antenna Efficiency mV/m/Km
1500 – 1710 kHz	270 Watts	220 Watts	+/- 5.5 KHz	151 - 173
1100 – 1500 kHz	250 Watts	210 Watts	+/- 4.5 KHz	111 - 151
800 – 1100 kHz	230 Watts	200 Watts	+/- 3.5 KHz	81 - 111
650 – 800 kHz	200 Watts	175 Watts	+/- 2.8KHz	66 - 81
530- 650 kHz	180 Watts	155 Watts	+/- 1.5 KHz	54 - 66

Table 2 of 3

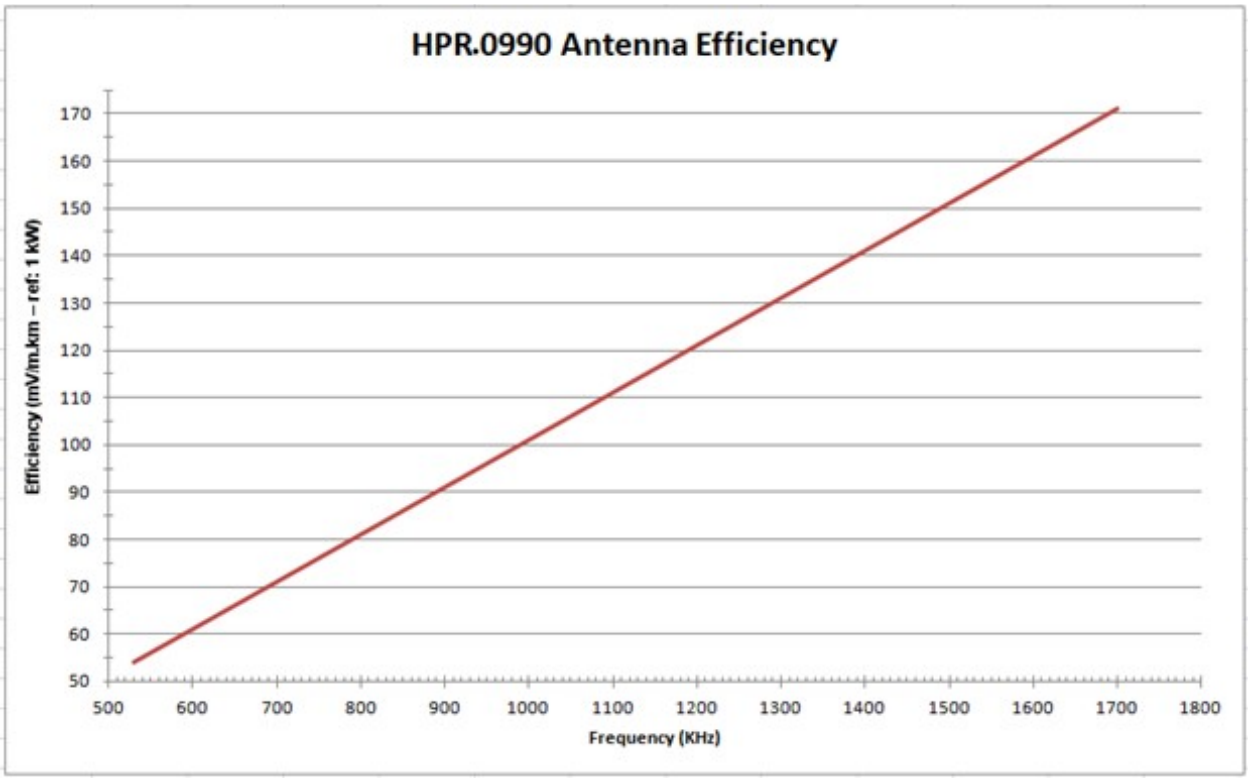

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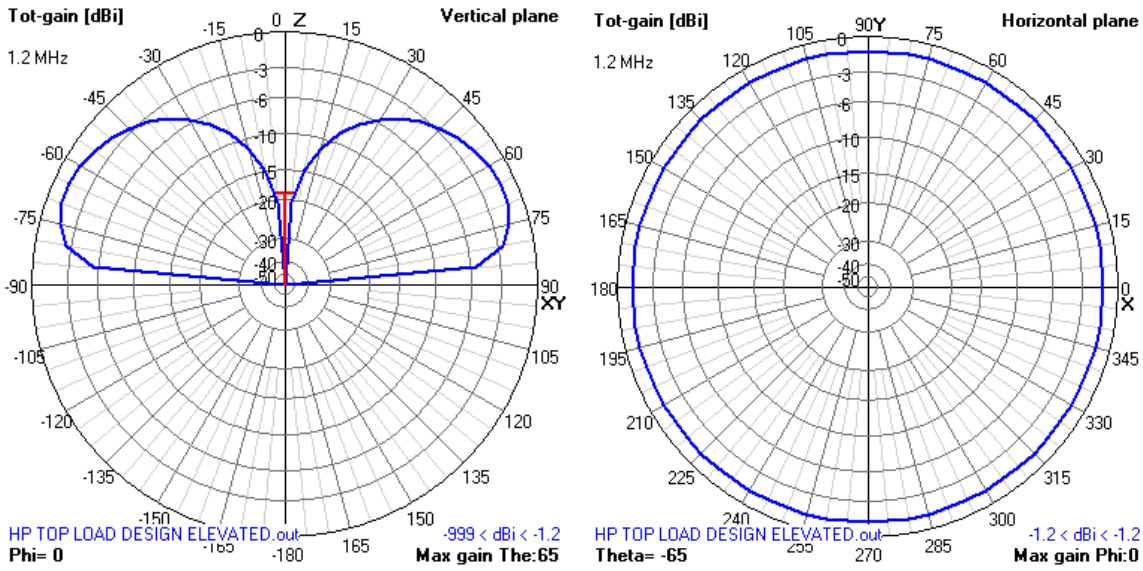
Table 3 of 3

Typical HPR.0990 Vertical & Horizontal Radiation Pattern

(Feedpoint Elevated on 20ft Pole - 32 Radials [50ft] at Base of Support)



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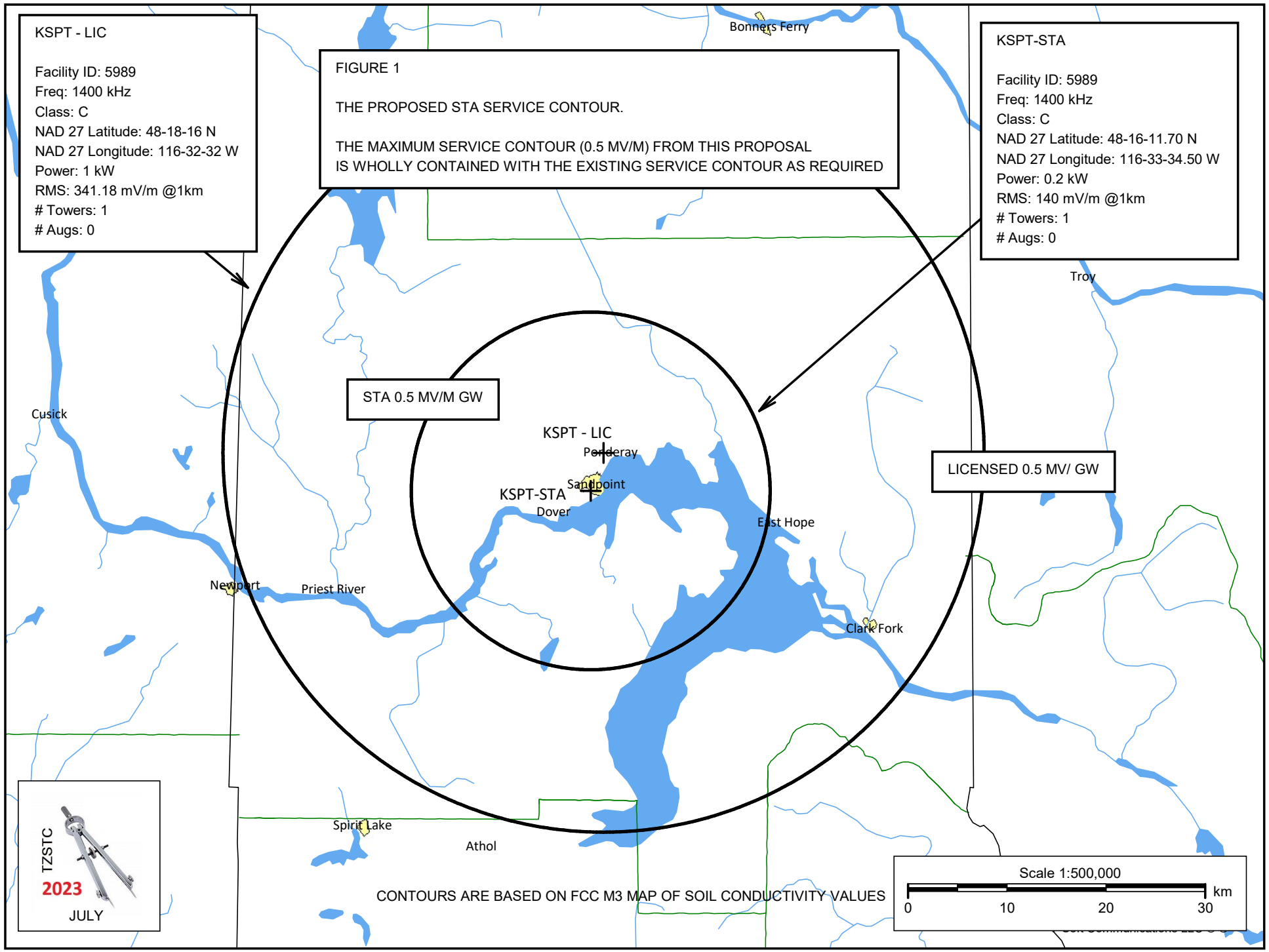
KSPT - LIC
Facility ID: 5989
Freq: 1400 kHz
Class: C
NAD 27 Latitude: 48-18-16 N
NAD 27 Longitude: 116-32-32 W
Power: 1 kW
RMS: 341.18 mV/m @1km
Towers: 1
Augs: 0
FIGURE 1
THE PROPOSED STA SERVICE CONTOUR.
THE MAXIMUM SERVICE CONTOUR (0.5 MV/M) FROM THIS PROPOSAL
IS WHOLLY CONTAINED WITH THE EXISTING SERVICE CONTOUR AS REQUIRED
KSPT-STA
Facility ID: 5989
Freq: 1400 kHz
Class: C
NAD 27 Latitude: 48-16-11.70 N
NAD 27 Longitude: 116-33-34.50 W
Power: 0.2 kW
RMS: 140 mV/m @1km
Towers: 1
Augs: 0
Bonners Ferry
Troy
Cusick
STA 0.5 MV/M GW
KSPT - LIC
Ponderay
Sandpoint
KSPT-STA
Dover
East Hope
LICENSED 0.5 MV/ GW
Newport
Priest River
Clark Fork
Spirit Lake
Athol
TZSTC
2023
JULY
CONTOURS ARE BASED ON FCC M3 MAP OF SOIL CONDUCTIVITY VALUES
Scale 1:500,000
km
0
10
20
30