

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Australia	Bayswater	Bentley Stephen	VK3YJQ	SDR- or Kiwi-SDR & local antenna	Base Loaded 13 m vertical. RSP2 SDR. Windows 7 PC and SDRConsole Software.	Unheard	
Australia	TAROONA	VERRALL Richard	VK7RZ	SDR- or Kiwi-SDR & local antenna	Airspy HF+ Discovery, Mini-whip and SDR Sharp software	Unheard	There was no sign of JXN on 16.4kHz so I'm not surprised that SAQ was not able to be copied.
Austria	Wien	Strukov Urs	OE1 / HB9DIL	SDR- or Kiwi-SDR & local antenna		QRK 4	vvv de saq at 0845 utc
Austria	Leobendorf	Michl Aschauer	OE3MAA	SDR- or Kiwi-SDR & local antenna	KiwiSDR on AAA-1C Antenna	252	
Austria	Leibnitz	Robic Patrick	Patrick Robic	SDR- or Kiwi-SDR & local antenna	Perseus SDR with MiniWhip antenna	SINPO 24442	Audio recording: https://www.dropbox.com/s/le0ak0mafdkfsts/SAQ%20Grimeton_17%2C2_040721_0858.mp3?dl=0
Austria	Gmunden	Hartwin Vichtbaur	OE5VCM	Radio receiver & local antenna	LOOP ANT	QSA 4	Transmission of a message at 11:00 CET (09:00 UTC)
Austria	Bregenz	Roland Manner	OE9RMV	Radio receiver & local antenna	G5RV as "short wire" for 17,2 kHz. Mixer to 14,0172 MHz (NE612). RX: Kenwood TS590SG.	599	Trx for Activity, fine Job! I had S7 QRM and S9+5 QRN peaks due to Thunderstorms over central- and northern Europe. But no Problem to copy both SAQ-transmissions today: S9+10! Vy 73 de Roland, OE9RMV
Austria	Nussdorf am Attersee	MAZUR Reinhart	OE5MZO	SDR- or Kiwi-SDR & local antenna	Winradio WR-G33DDC Exclibur Pro, Wellbrook active magnetic loop ALA 1530LN	Nearly the same reception quality on both transmissions. Local noise floor -112 dBm, SAQ signal -106 to -104 dBm. Clear and stable signal for easy decoding	Excalibur Pro settings: DDC bandwidth 24 kHz, RBW 1Hz, 200 Hz CW bandwidth. Loop pointing to SAQ location. Gratulation to keep the Old Lady running so well! Very impressive and astonishing! 73 & 55! Reinhart
Austria	Peuerbach	Gerhard Schönbauer	Gerhard Schönbauer	Radio receiver & local antenna	old radio Telefunken Adagio after Restoration / long wire as antenna	SINFO 12241	very poor signal, just carrier noise, signal too poor to decipher, just clear that there IS it transmitting, no BFO existing
Austria	Hadersdorf-Kammern	Richle Hermann	OE3RV	Radio receiver & local antenna	AOR 7030, ant windomantenna	RST: 5/9	tnx fer transmission and to activate the old transmitter
Austria	Wilhelmsburg	Franz Filzwieser	OE3FFC	SDR- or Kiwi-SDR & local antenna	RSP-Duo, Homemade Up-Converter 10mc/ELF, Homemade Ferritantenne 30cm lg	QSA 4, QRK 5	many thanks for the ufb transmission today. Hope cuagn.
Austria	Reichenau	Wolfgang Haslinger	OE3WHU/P	Radio receiver & local antenna	miniWhip 6m up; Laptop; powered by Car Battery ...a fieldday setup	20dB above noise, low statics	
Austria	Reichenau an der Rax	Kreuzer Gerhard	oe3GKC	Radio receiver & local antenna	Midi-Whip, Laptop	+20db, 59	
Austria	Vienna	Koller Günter	OE1GKS	Radio receiver & local antenna	Converter: Home Made (with SO42P 17,2 kHz >4Mhz), FD4 als T-Antenna	599	
Austria	Neulengbach	Öller Andreas	Öller Andreas	SDR- or Kiwi-SDR & local antenna	40 Turns 1x1 m Loop, Soundcard, Spectrum Lab	10 to 15 dB above noise, lot of Interference, 17,18 kHz according to Spectrum Lab	Interesting to follow the tuning procedures after the second transmission. Thank you for keeping this historic transmitter still running.
Austria	St.Pölten	Lechner Manfred	OE3MLW	SDR- or Kiwi-SDR & local antenna	ELAD FDM DUOr Receiver and OK2ZI Miniwhip Antenna	RST 599	
Austria	Hirshbach	Hans Eckl	OE5ANL	Radio receiver & local antenna	ICOM IC 7610 + 10MHz converter, 80m longwire	RST 579 / RST 689	Thank you for your activity!
Belgium	Ostend	Rob Laurens	ON4ROB	SDR- or Kiwi-SDR & local antenna	Long wire antenna (20 m.) / SDR + Spyverter R2 HF Converter	3 - 3	Thanks for the exciting moment!
Belgium	Ruiselede	Freddy Vandendriessche	on6fv	SDR- or Kiwi-SDR & local antenna	sdr uno	rst 533	tnx 73
Belgium	Merchtem	Joeri Van Dooren	ON3URE	SDR- or Kiwi-SDR & local antenna	5M diameter receive loop	359A	https://youtu.be/NRGa_EelkN8
Belgium	Middelkerke	GHYSELBRECHT Gilbert	ONL12523	SDR- or Kiwi-SDR & local antenna		With a lot of QRM	
Belgium	Borgloon Gors-Opleeuw	Paul Meugens	on4ssb	Radio receiver & local antenna	fet preamp, sound card	599	
Belgium	TEMSE	Willy CAUWERTS	ON5KN	SDR- or Kiwi-SDR & local antenna	LOOP ANTENNA + RSPdx ,software: SDRConsole v3.022	RST 569	third transmission I followed , this one recorded in WAV RF64 format
Belgium	De Pinte	Smet Luc	ON5UK	SDR- or Kiwi-SDR & local antenna	PA0RDT MiniWhip antenna 5 m agl; VLF converter; RTL DV3 and SDRSharp app.	12 UTC session: -40 dB on SDRSharp scale. RST 539 on ear.	Audio file on www.tls.uba.be/Projecten.html . Click the first link.
Belgium	Ichtegem	Wilfried Derynck	ON6EO	SDR- or Kiwi-SDR & local antenna	Active antenne PA0RDT/ RSP1dx / Samsung laptop W7 / SDRUno software	RST 579 =QRM =QRN	

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Belgium	Opwijk	Schollaert.Johnny	ON6JR	Radio receiver & local antenna	EKD 500 self made antenna	59 reception was better in de first transmission	
Belgium	Kortemark	Sinnaeve Stefaan	ON3IWH	SDR- or Kiwi-SDR & local antenna	RsPdx	10 to 15 db S/N	
Belgium	Oostende	Decroos Luc	ON7DQ - Luc Decroos	SDR- or Kiwi-SDR & local antenna	Groundplane antenna for 20m band, connected directly to soundcard, and SAQrxV094 software. Noisy city environment.	Both transmissions heard with good copy, RST 559, with some QRN from approaching thunderstorms	Some frequency drift noted during the second transmission. Thanks for the event and keep up the good work, 73 !
Belgium	TONGEREN	Hugo Sneyers	ON6HN	Radio receiver & local antenna	Loop antenne, homemade receiver 2 tubes and old morsewriter (telegraph)	599	https://youtu.be/hqu1jflUvsk
Belgium	Koksijde	Germain Schepens	ON4SG	SDR- or Kiwi-SDR & local antenna	I use a 20m raingutter on my balcony as antenna and Alu railing as 'earth' (Counterpoise !)	579	TNX for the event, and to all members of the association ! 73 Germain
Belgium	Veurne	Hugo Matten	Hugo Matten	Radio receiver & local antenna	RX: Perseus SDR. As an antenna I used a simple T-antenna of +- 35 meters long without a balun! My computer was running on batteries during the broadcast. That also gave much less interference on the 17.2 kHz!	SINPO: 2 5 3 4 3	I can't do well decode morse myself but on this link on the internet: https://www.dropbox.com/s/j65qvr52xb64ht4/SAQ%2017.2%20kHz%2004-07-21%20-%2011.00%20UTC.mp3?dl=0 you can listen to a mp3 audio recording with the message of this broadcast I received here in Veurne, Belgium on July 04, 2021 at 09.00 UTC. On this 'Youtube' movie: https://youtu.be/gJbD70Swu2Q you can see a short movie of the broadcast on my Perseus SDR receiver from the broadcast in the morning. It's a movie from at 08.58 (just before the official broadcast at 09.00 UTC)
Belgium	Hamme	Guido	ON6RL	Radio receiver & local antenna	Elecraft K3/P3 and home made converter to 10MHz, PA0RDT antenne.	Noise level -100dBm, SAQ -85 dBm. QSA 5 all the time.	None.
Belgium	Lokeren	Patrick Verkimpe	ON4CDJ	SDR- or Kiwi-SDR & local antenna	AirspyHF+ Discovery SDR with indoor passive Youloop, Linrad software	10 dB over noise	Youtube video: https://www.youtube.com/watch?v=jbj8sBIRs4I
Belgium	Blankenberge	Jos Gurdebeke	ON8VRT	SDR- or Kiwi-SDR & local antenna	SDRPlay 1A with Active Wiph antenne	Sinpo 3 3 4 3 3	Audio : MP3: https://www.dropbox.com/s/eb3g9575d7e71e/Grimeton%2004%20juli%2021.mp3?dl=0 Video: https://www.dropbox.com/s/z57pgprdrshrbfv/DSCN8221.MOV?dl=0 Transmission : 14:00 CET (12:00 UTC)
Belgium	Oudenaarde	Martin De Waele	ON7ME	Radio receiver & local antenna	Collins 75A-4 + Palomar up converter. 40m dipole antenna	RST 325	Vy nice sig except for QRN this morning.
Brazil	Americana	Bortolucci, Daniel Whitaker	PU2WTK	Web- or Kiwi-SDR & remote antenna	WebSDR at University of Twente	599	
Brazil	Glorinha	Alencar Aldo Fossá	PY3CEJ	Radio receiver & local antenna	Rohde & Schwarz - EK-896	RST 349	On this morning of July 4th, 2021, it was at 5 degrees of temperature, and the propagation was different compared to the transmission of July 5th, 2020. I thought I would have better reception, but it was not expected, as in 2020 the conditions were what I had was after a heavy storm the night before the event. Today's signal was at a level slightly higher than the noise level, sometimes blending into a RST 349. The antenna was the same used last year, a 500 meter long Beverage. The cold did not favoring a better reception. I even thought that this first broadcast today was coming with less power from the transmitters.
Canada	Bauline , Newfoundland	joe	vo1na	Radio receiver & local antenna	sm6lkm vlf converter, pa0rdt miniwhip, ft817	Unheard	No copy this time but thanks for keeping her running and the fine video.
Canada	Saint-Joachim-de-Sheffor	Granby Amateur Radio Club	VE2CRG	SDR- or Kiwi-SDR & local antenna	Battery-powered W1VD's Modified AMRAD E-Probe, isolation transformers, twisted pair, SDRplay RSPdx + SDRUno.	Unheard	Ops. VE2JWH & VE2AAY drove to rural location, 1st transmission only, inverter left on by mistake, X-ray solar flares may have been detrimental.

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Canada	Williamstown, Ontario	Dr. Michael A. Cashion	VE3XLF	Radio receiver & local antenna	Siemens D2008 frequency selective level meter, HP 3586C level meter, Sierra model 303B selective level meter, 100 ft and 120 ft longwire antenna	A portion of the CW transmission may have been received at 12:04 UTC for approximately 20 seconds.	Local noise was measured at - 70 dBm. At the beginning of the 12:00 UTC transmission I could only hear the noise floor via all three receivers (as I had been receiving since 11:10 UTC (07:10 local). Approximately 4 minutes into the transmission (12:04 UTC) I began to hear what sounded like the CW transmission for about 20 seconds followed by fading. For the remainder of the TX just background noise was received until a pulsating noise signal (increased by 5 dBm) beginning at 12:06 utc dominated the RX signal at 17.2 kHz.
Czech Republic	Rtyně v Podkrkonoší	Vladimír Franek	ok1mrs	SDR- or Kiwi-SDR & local antenna	Marconi antenna + bandpass filter + PC with SAQ panoramic VLF receiver	579	
Czech Republic	Ohnivov	Kopal Frantisek	OK1FK	SDR- or Kiwi-SDR & local antenna	RSP1A, preamplifier, ant. wire length 80m	599+	
Czech Republic	Nadryby	Petr Šlehofer	Petr Šlehofer	SDR- or Kiwi-SDR & local antenna	Airspy HF+Discovery, MiniWhip Antenna	Clear signal 599	https://www.youtube.com/watch?v=ghVHL2O2e50
Czech Republic	Rtyně nad Bílinou	Tomáš Štěpnička	OK1TP	Radio receiver & local antenna	SKANTI TRP8257 Inv vee 160m, EKD300 Beverage North 200 m, EKD500 AMRAD LF antenna	2 nd period very good sigs 579	Wonderful and magic hours really listening and video stream, good job OMs
Czech Republic	Lhota Pod Radčem	Miloš Holý	ndbMY	SDR- or Kiwi-SDR & local antenna	AirSPY HF+ antenna MiniWhip	rst 599	
Czech Republic	Smečno	Jiri	OK1CJN	SDR- or Kiwi-SDR & local antenna	ant. PA0RDT minihwhip 6m agl, sw Rocky v.3.7 @Windows 10 mic audio input	599 morning, 499 QRM afternoon	Both main transmissions rx'd 11dB-15dB above general noise level. Fine SAQ frequency tuning 12:10-12:24 utc also heard (about 17.140-17.023 kHz), MH loc. JO70ae
Czech Republic	Horní Němčí	Jedelský David	OK2FCO	SDR- or Kiwi-SDR & local antenna	Mini-Whip active antenna in the attic. Two rcv paths: 1. directly to soundcard for the spectrum recording, 2. through custom made converter for direct sound reception	RST599 - ~15dB above noise, light static interference	Thank you for the transmission, I appreciate it very much. 73.
Czech Republic	Holice	Vladia	OK1VLA	Radio receiver & local antenna	antenna KA-1000 four meters above the ground, Spectrum Lab	599	very good signal
Czech Republic	Praha/Praque	Ivan Vavra	OK1MMN	Radio receiver & local antenna	D-Zepp 2x40m, VLF filter G4PVB, Sound Blaster, SAQ Panoramic VLF Receiver	RST 439	
Czech Republic	Postrelmov	Rosenberger Karel	Karel Rosenberger	SDR- or Kiwi-SDR & local antenna	SDR Perseus, MiniWhip /active antenna/ 3m up, netbook HP5103	RST - 479	
Czech Republic	Hradec Králové - Kukleny	Vladimír Volák	OK1NVV	Radio receiver & local antenna	Up convertor + vintage CZ HF receiver ODRA	579	
Czech Republic	Hradec Králové	Andrs Jindrich	OK1MKW	Radio receiver & local antenna	IC-705 + VLF converter, LW 40m	RST 579	
Czech Republic	Mlada Boleslav	Spata Oldrich	OK1CBA	SDR- or Kiwi-SDR & local antenna	returned DCF-77 ferrite rod LC + buffer + single transistor stage + USB soundcard + saqrx	449C	
Denmark	Holbæk	PETERSEN Per Hilmer	oz1fbo	SDR- or Kiwi-SDR & local antenna	Perseus SDR + NTI MegaDipol MD300DX	RST 599	This report concerns the morning transmission only
Denmark	Rødovre	Jesper Hansen	Jesper Hansen	SDR- or Kiwi-SDR & local antenna	Airspy HF+ Discovery , indoor homebrew Möbius Loop	S2 , -110dBm	
Denmark	Skjern	Erik Thomsen	OZ1LSS	Radio receiver & local antenna	Home brewed straight receiver with BFO, mixer and audiofilter. Tuned CTV degaussing loop as antenna.	RST = 569	Antenna location: indoor at desktop
Denmark	FUGLEBJERG	LARS ERIK HINRICHSSEN	OZ1FJB	Radio receiver & local antenna	Elad FDM-s1, small deltalooop.	QSA 5 - 559	Have made a vid here.: https://www.youtube.com/watch?v=f7z4UJ_EwsE
Denmark	Naestved	Bent Schatter	OZ2BS	Radio receiver & local antenna		RST 559	
Denmark	Hørve	Finn Assentoft	OZ3QP	Radio receiver & local antenna	0-500 KHz converter on Kenwood TS570. Dipole for 80meter band antenna	Loth of QRM only receive wiht 50 Hz filter	
Denmark	Knardrup	Juul	OU0GHH	SDR- or Kiwi-SDR & local antenna	Homemade active antenna, AirSpy + SpyVerter, SDR#	444	Report concerns 14:00 CET transmission.
Finland	Siuro	Salo Timo	OH3DF	Radio receiver & local antenna	Rx AOR 5000 and antenna 160 mb vertical loop	599 +10dB some QSB	Tnx agn OM's fer nice session es 73's to U all there!

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Finland	Lahti	Petteri Salo	OH3KPY	SDR- or Kiwi-SDR & local antenna	Rx: SDRPlay RSPdx. Ant: Wellbrook ALA100 active loop with 1,5 x 3m wire loop inside house	RST 549. Signal -105dBm. S/N 10-12dB	Local noise floor about -115dBm, quiet good conditions. SAQ signal was 10-12dB above noise floor at -105dBm (S4).
Finland	Jomala	Kurt Jansson	Kurt Jansson	Radio receiver & local antenna	Standard Grimeton	Stark signal	
Finland	Pieksämäki	Lahti Seppo	OH5LP	Radio receiver & local antenna	Racal RA 1772 and inverted V ant.	RST 539	
Finland	Pieksämäki	Tarvainen Jukka	OH4MFA	SDR- or Kiwi-SDR & local antenna	PC soundcard and SAQrxV098, 180 m Beverage antenna	579	
Finland	Urajärvi	Lehto Ari	OH3NU	SDR- or Kiwi-SDR & local antenna	Fixed co-ax loop antenna, 2x7 m2. PC sound card and Gram8 spectrum analyzer software. Loop direction far from optimal for SAQ.	S/N 15 dB	My best wishes to all of you maintaining this wonderful piece of technology!
Finland	Kiiminki	Jarmo Blomster	OH8KVA	Radio receiver & local antenna	Telefunken E1800/40m EFHD	RST 539	https://youtu.be/kHrSAIoXHjM
Finland	Hattuvaara	Pertti Lappalainen	Pertti Lappalainen	Web- or Kiwi-SDR & remote antenna	KIWI+ 160m Megaloop in Raisio	Moderate- Poor	VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV SAQ.... THIS IS GRIMETON RADIO STATION / SAQ IN A TRANSMISSION THE ALEXANDERSON 200 KW ALTERNATOR ON 17.2 KHZSTEP TOWARDS THE UNESCO WOLRD.....
Finland	Rautjärvi	Liimatainen Kauko	OH5MC	Radio receiver & local antenna	upconverter & IC7300, ant 2.5 m loop	RST 598, 20 dB over noise	
Finland	PUNKAHARJU	Solasaari Juha	OH5SH	SDR- or Kiwi-SDR & local antenna	RX SDRplay RSP1, ANT mini-whip 4m above the ground	RST 219. Occasionally nothing.	My new QTH, and a lot of local noise. The sensitivity of my receiving system is a little bit low. I had no opportunity to check your second transmission at 1130/1200 UTC.
France	Saint Alban-Auriolles	Georges Ringotte	F6DFZ	Radio receiver & local antenna	Hexbeam NE602 converter Belka-DX receiver	10 dB over band noise	
France	Nr EPINAL	Daniel	F6ACU	Radio receiver & local antenna	Rx T264 NARDEUX (French professional receiver) ANT : LW 20 m	579	
France	DOMONT	Franck DURAND	F4IEW	Radio receiver & local antenna	Homemade active E-Field Antenna + UMC204HD soundcard + SpectrumLab and SAQ Software for demodulation on Windows and also FLDIGI installed on Raspberry Pi4 for CW decoding	338uV on spectrumLab in the city with homemade wide band active antenna and UMC204HD soundcard	https://youtu.be/JIDBG-0TRgw
France	DEOLS	MAURICE	F5IT	Radio receiver & local antenna	Récepteur JRC NRD-535D HF cadre ferrite PALOMAR USA (10KHz/50KHZ)	signaux CW faibles mais décodables message de 09:00 UTC	BRAVO ! Le plaisir de vous retrouver et de pouvoir maintenant vous transmettre des rapports Amicalement à toute l'équipe ! 73 QRO
France	Carpentras	Roch Viarrouge	F1GZV	SDR- or Kiwi-SDR & local antenna	Wire loop 180m with 30 m twin leads/ sdr Airspy Discovery with tuner FRT-7700 Yaesu	RX -83dBm	https://c.gmx.fr/@89864468577292262/xa_kNAVOTuGsOHaRwN0s3Q
France	Challengenville	Jeff	F6CWN	SDR- or Kiwi-SDR & local antenna	SAQ panoramic VLF receiver V0.6 Marconi antenna 25m AGL 100 long	569	
France	Paris	Rougy Yves	F1IVT	SDR- or Kiwi-SDR & local antenna	Receiver hardware is Airspy HF+ Discovery connected to magnetic loop YouLoop hanging on the window. Software is OpenWebRX running on raspberry pi 4 inside my home network (not reachable from outside)	QSA 1-2	I have a screen recording of the reception. I can provide it if needed.
France	BUCQUOY	Olivier GRAND	Olivier	Radio receiver & local antenna	Xiegu G90 + NE602 converter + EFHW 80m-10m (short 23m + 110uH)	RST 547 (11:00 CET) RST 325 (14:00 CET)	At 14:00 CET I think there were many garden electrical appliances in action in the area.
France	LYON	CORNIC Hubert	F6CWA	Radio receiver & local antenna	W&G SPM15 + TS850S with converter -- ANT inverted L	-59.5 dbm	
France	Lyon	DESCOMBES JEAN-LOUIS	F6BNL	Radio receiver & local antenna	RX HAGENUK 1001 M (Vintage German solid state professional receiver) + Indoors frame antenna.	559 to 569 and statics due to Thunderstorms !	As always it was a true pleasure to hear the old machine ! Congratulations to the whole team of the Alexander Association ! Take care for you and yours. 73s de F6BNL
France	MAUREPAS	Nicolas M	F4IPJ	SDR- or Kiwi-SDR & local antenna	SDR : Airspy Discovery, antenna : Wellbrook ALA1530LN (inside my apartment)	SINPO : 43353, SRN : about 10 dB	Tuning of the first transmission : https://vocaroo.com/1kq5zdbVHIAB
France	LA ROCHE SUR YON	Renaudin Philippe	F4DZQ	Radio receiver & local antenna	SPM31 + WG LOOP 1m² / mini whip + Perseus	strong signal -85dBm on Perseus	

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France	LEUCATE village	Tambuté Denis	F5LPR	Web- or Kiwi-SDR & remote antenna	SDR Kiwi + DX 500 active antenna	RST 587 C	Use SDR Kiwi of F1JEK/P - Location MASSIGNAC 16212 France -locator JN05HS
France	Saint Adjutory	BARRAUD Jean Luc	F1JEK	SDR- or Kiwi-SDR & local antenna	Kiwi + DX 500 active antenna	RST 587	Receiver is located by F1JEK/P to MASSIGNAC city 16310 FRANCE - locator JN05HS
France	Evry-Grégy/Yerres	Brunel Michel	F5WK	Radio receiver & local antenna	Home made VLF receiver + 40 cm loop with preamp	25/30 dB above noise floor, excellent copy	
France	LE VAUROUX	Jean-Pierre GODET	F5YG	Radio receiver & local antenna	home made with 78 m wire antenna 12 m above ground	QSA 4, QRK 5	Many, many thanks Lars and all. 73 from an ex-RO. Records as received here : morning : https://f5yg.pagesperso-orange.fr/incoming/SAQ_7-2021_1.mp3 afternoon : https://f5yg.pagesperso-orange.fr/incoming/SAQ_7-2021_2.mp3
France	TOULON	Manu	F5ROL	SDR- or Kiwi-SDR & local antenna	SDR win radio and antenna Welbrook LF 1010	Unheard	Unfortunately SAQ signal was Under level noise, S7 on my position. Thank's for this transmission, I will be ready for the next transmission
France	Mons en Pévèle	Pierre VASSEUR	F5MUF	Radio receiver & local antenna	Long wire 10 meters, VLF converter DATONG, TS480	RST 5 9+ 8 little QSB	
France	LOCON	CADIEU Benoit	F-16515	Radio receiver & local antenna	Cushman CE24A + antenne cadre	S3 - more QRM (storm)	https://youtu.be/6OQJl5lUyW
France	Begles	Norbert Henry	Norbert Henry	SDR- or Kiwi-SDR & local antenna	Home made preamplifier and long wire antenna and Windows XP	RST 445	Wonderfull transmitter . Thank you .
France	saint pol sur mer	Christian	f4gjk	Radio receiver & local antenna	receiver icr75 convertisseur home made antenne ferrite	s8	
France	Vescours	Ange Paul Costanzo	F6CRH	Radio receiver & local antenna	150m longwire. Rx RBM3 off submarine with tubes!	54	TKS for the pleasure! Hope to hear SAQ for Christmas.
France	Biganos	Philippe Marsan	Philippe Marsan	YouTube Channel		YouTube Cannel	Merci
Germany	Marktbreit	Stahl Robert	DM1SR	Radio receiver & local antenna	ELAD FDM Duo Mini-Whip	599 loud and clear signal	Thank you for your effort. It's always a pleasure to hear the SAQ signal. Hope to visit you again sometimes
Germany	Recklinghausen	Jan Beba	DG3YJB	Radio receiver & local antenna	LW-Converter by funkamateure, Icom IC-7300 SW-TRx and an 23m long windom antenna for 40m - 10m	5 1 9	
Germany	Wabern	Wiegand Juergen	DL6WAB	SDR- or Kiwi-SDR & local antenna	DELL 192 kHz Soundcard, GPA50 vertical antenna, SAQ Receiver V. 0.98	RST 355	http://www.amateurfunkpraxis.de/blog2021.html
Germany	Freiburg	Siegfried Johann Frank	DF3GF	SDR- or Kiwi-SDR & local antenna	Kiwi-SDR and MegaLoop SX	579	
Germany	Nürnberg	Dennis Real	DL9CAT	Web- or Kiwi-SDR & remote antenna		599+10	
Germany	Julbach	Müller Andreas	DB9RZ	Radio receiver & local antenna	Icom-R8600, NTI aktive antenna	RST 535	Habe recorded Part of transmission
Germany	Vellmar	Joerg-Peter Graef	DL2ZBK	SDR- or Kiwi-SDR & local antenna	Airspy HF+ Discovery and Diamond Diskone D3000N on rooftop.	approx. 25dB over noise floor	https://i.imgur.com/9xicDWA.jpg
Germany	Koln	Rostek, Jo	DK4KK	Radio receiver & local antenna	Telefunken RLK639 U-Boot Receiver and loop antenna	599	
Germany	Braunschweig	Andreas Lubnow	DL6AAS	Radio receiver & local antenna	PC running Spectrum Lab with 17m long wire to sound card	Readable, but local noise is getting worse every year	This report concerns the 9 UT transmission
Germany	Neuss	Nelissen, Peter	DH1JAD	SDR- or Kiwi-SDR & local antenna	Frame antenna indoor, Pre-Amp 17,2 kHz, SDR: RSP 1A	RST 599	
Germany	Chemnitz	Carsten Görner	DG0JCG	Radio receiver & local antenna	IC7300 Transporter 10MHz tuner magnet. ANTENNA	R4 S7 T4	Many trx
Germany	Karlsruhe	Dominik Stroz	DF4IAO	Radio receiver & local antenna	Indoor magnetic loop antenna: 59 windings, 3.10m x 1.15m, upconverter SO42P (IF 4.0 MHz), RX: Alinco DX-70, 500Hz Filter	SINFO 54455	The signal of SAQ was stronger last year, this time just 6dB above noise floor
Germany	Bad Kreuznach	Kairo, Friedrich	DB6PX	Radio receiver & local antenna	Active Antenna, USB Soundcard, SAQPanoramic vFl RX v. 093	559	
Germany	Bottmersdorf	Schabanoski Dirk	DN1AMT	SDR- or Kiwi-SDR & local antenna	RX888 an Rahmenantenne	RST 226	
Germany	Neuendettelsau	AFGN e.V.	DF0AN	Radio receiver & local antenna	TS-870S Converter 10,172	566	Electronic antenna

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Germany	Randowtal	Michael Rehfeldt	DM7MRE	Radio receiver & local antenna	Converter from 17,2 kHz to 10.017,2 kHz and transceiver TenTec Orion, Software FL digi	RST 443	was fun, thank you for your engagement !!!!
Germany	Benz/Usedom	Rolf Tannenhauer	Rolf Tannenhauer	SDR- or Kiwi-SDR & local antenna	Receiver: Perseus, Antenna: PA0RDT Mini Whip	SINPO 35443	Listening from the island Usedom, North-East Germany
Germany	Talkau	Hunsalz Carsten	DL3XAC	SDR- or Kiwi-SDR & local antenna	80 meter dipol + standard PC with a sound card + SAQRx software	RST 569	Dear SAQ team, it was nice to hear you again, good luck to all of you 73 de Carsten
Germany	Birenbach	Baeumler Klaus	DK5SF	Radio receiver & local antenna	Hagenuk RX 1001M, Antenna 2 ele Yagi 20/15/10 with Preselector 17,2 KHz	579	
Germany	Halstenbek	Bestmann, Wilfried	DL8HAV	Radio receiver & local antenna	VLF-Converter to 20m-Receiver, Active-Antenna on balcony	RST 429	Thanks for transmission. Stay safe in corona-pandemic!
Germany	Gotha	Smudel Herbert	DH1AN / Herbert	Radio receiver & local antenna	FT 817 plus Converter	RST 339	
Germany	Uslar	Fischer, Klaus	DJ9FK	Radio receiver & local antenna	LW - Koverter. Funkamteur Verlag: Kit	RST 449	My Antenna was not matched. Thank you for the transmission again!!!
Germany	Berlin	Olaf Reimann	Olaf Reimann	Radio receiver & local antenna	Rohde&Schwarz ESH3 + Vertical Monopole (4m)	15dB above local noise level	
Germany	Babenhausen	Manuel Lausmann	Manuel Lausmann	SDR- or Kiwi-SDR & local antenna	Antenna : Mini Whip SDR: SDRPLAY RSP DX	SINPO 23443	https://youtu.be/Z-S36rzFI_E
Germany	Weierhammer	Wawarta Herbert	DL9RBE	Radio receiver & local antenna	SDRplay RSP2pro + GAP Titan vertical antenne	RST 559	mni tnx fr a great transmission
Germany	Berlin	Juergen Suchaneck	DL7US / Juergen	SDR- or Kiwi-SDR & local antenna	SDRplay, ant dipole 40m	RST 449	tnx for transmission, 73 DL7US
Germany	Eschweiler	Wolfgang Schruff	DG3KAG	Radio receiver & local antenna	Receiver: IC-8600 Antenna: aktiv Type: MegActiv MA305FT 9KHz-300MHz	SINPO 45454	
Germany	Naumburg (Saale)	Alfred Altner	Alfred Altner	Radio receiver & local antenna	SAQRx with Selfmade Loop and Soundcard	RST 539	
Germany	Duisburg	Hans-Peter DOHMEN	DL9EBA	Radio receiver & local antenna	Siemens Level Meter Typ: D364 (200Hz to 1,6MHz) Battery powered / Antenna BAZ Ferrite Module LFM 5-50;	Signal -53 dBm	Reception Time 08:38 to 09:07 UTC / Outdoor reception in Locator: jo31ik near Rhine-River
Germany	Wuppertal	Simons Andreas	DO6WAS	SDR- or Kiwi-SDR & local antenna		RST 446	
Germany	Hattingen	Sabine Cremer	DL1DBC	SDR- or Kiwi-SDR & local antenna	PA0RDT MiniWhip and SAQRx SDR	5 dB over noise	Thank you very much for keeping the Old Lady healthy!
Germany	Karlsruhe	Dr.med. Alexander H. Hahn	DH2ID	SDR- or Kiwi-SDR & local antenna	1. RFspace SDRIQ+Grahns GS5-SE antenna with Alexanderson module 2. WINRADIO G305+homebrew magnetic loop antenna on a bicycle rim	RST 559	Very good reception today!
Germany	Leinfelden-Echterdingen	Auch Helmut	DL3SAV	SDR- or Kiwi-SDR & local antenna	RX: Elecraft KX3 ANT: Grahns GS5SE with ML3 magnetic loop	RST 339	sorry, this antenna is not optimal for QRG, but received most of transmission.
Germany	Greifswald	Michael Lalk	DO1MBM	SDR- or Kiwi-SDR & local antenna	ELAD FDM-S1 with ADDX-AT-2C active whip antenna	RST 489	73 and Happy Alexanderson Day
Germany	Jork	Lühmann, Werner	Lühmann, Werner	Radio receiver & local antenna	rx: RFT EKD 500, ant: 25 m and 10 m perpendicular longwires, combined	good readable signal, moderate noise floor	
Germany	Goslar	Reichelt, Ekkehard	DJ6HA	Radio receiver & local antenna	Rahmen-Antenne 80cm Durchmesser (tuned to SAQ); SDR-Stck with HDSDR	R5, 25db over Noise	ANT in Souterain-Wohnung
Germany	Freiburg	Rueggeberg Thomas	DL 8 GBR	Radio receiver & local antenna	YAESU FTDX-1200, LF-Down-Converter (diy), antenna 50 m Longwire 12m over ground	RST 539	
Germany	Pirmasens	Blinn Jörg	DL8EB	SDR- or Kiwi-SDR & local antenna	Perseus SDR with Grahns VLF 2 Alexanderson Antenna	599	Thank you very much for the transmisson!
Germany	Stuttgart	Peter Kurz	DL2PIT	Radio receiver & local antenna	Receiver: Tecsun PL-880 Antenna: Grahns VLF2 "Alexanderson" with Grahns GS5-SE Base Module and 10 MHz Converter	RST = 576, SINPO = 45554	Great job guys, as always!
Germany	Berlin	Uwe Dannenbaum	DF5YT	Radio receiver & local antenna	IC 7300 + Converter homemade	454	

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Germany	Bremervörde	Rainer Schmeigel	DI8BCN	SDR- or Kiwi-SDR & local antenna	SDR Uno, Long Wire Antenne 2 times 20m.	RST 559	Well done!
Germany	Esslingen	Edgar Meissner	DE2EME	Radio receiver & local antenna	Antenne STEALTH-LOOP / Gerät Yaesu FTdx3000	R4 / S7	
Germany	Kelheim	Heinrich Emmerl	DF8RY	SDR- or Kiwi-SDR & local antenna	Angelica SDR, Active Whip	RST 579	
Germany	Mannheim	Dirk Opfermann	Dirk Opfermann	SDR- or Kiwi-SDR & local antenna	SDRplay RSPduo with 5 meter loop antenna	RST: 345	
Germany	Sindelfingen	Ulrich Gaiser	DF7SC	SDR- or Kiwi-SDR & local antenna	Active Dipole 2x80cm, Airspy HF+	22 dB SNR	
Germany	Neubukow	Hodam Raik	DL9GKJ	Radio receiver & local antenna	NRD515 (mod) and mini-wip	1+2 TX RST 539 The 1200UTC broadcast with a little qm.	
Germany	Woffleben	Fred Birkefeld	DO6AWB	SDR- or Kiwi-SDR & local antenna	SDR-Play, Magnetik-Loop	4,3,4	
Germany	Windsbach	Peter Haberezttl	dk9np	Radio receiver & local antenna	IC7300 10,172	578	activ antenna
Germany	Puchheim	WENDEL Ralf	DD1UU	Radio receiver & local antenna	RX: ICOM IC-7300 with Converter and Active-Antenna	SINPO 23223	
Germany	Asendorf	Metz	SWLJO43	SDR- or Kiwi-SDR & local antenna	KiwiSDR/3 with Windom antenna	RST 335	
Germany	Kraupa	Frieder Göthel	DM4NF	Radio receiver & local antenna	RX EKD 500		
Germany	Trostberg	Edi Deichstetter	DO7DET	Radio receiver & local antenna	Antenna Loop homemade	ur rst 599 ufb	
Germany	Aalen	Bieger Alfred	DF6SM	SDR- or Kiwi-SDR & local antenna	Antenna 500 m wire on reel Ø 700 mm - LW-Converter - YAESU FT 817N	R 4, S 3, T 9	
Germany	Aalen	Bieger Alfred	DF6SM	SDR- or Kiwi-SDR & local antenna	Kiwi-SDR and Elad-FDM-S2 SDR / Activeloop 1,6m Diam. / Loc.:JN58ct /	RST:549 (Signal between QRM local Solarequipment)	Great Job SAQ Crew Always very interesting signal Both Transmissions can be received vy 73 cuagn
Germany	Berlin	Klaus Mahlow	DL7AMV	Radio receiver & local antenna	Yaesu FT-897 with homemade VLF-Converter, Ant. Longwire	317 with many QRM, very weak signal today	
Germany	Wettin-Löbejün OT Gimritz	Christian Amey	DE9CHR	SDR- or Kiwi-SDR & local antenna	RTL SDR w/ 13.6m sloper antenna	579	
Germany	Elsfleth	Baake Manfred	DK8BO / Manfred	SDR- or Kiwi-SDR & local antenna	RX: SDRplay RSPduo; Ant.: self made loop; software: SDRuno	RST 4 3 3	nearfield interference
Germany	Schorndorf	Johann Schweiger	DD2RJ	Radio receiver & local antenna	Miniwhip -antenna and Receiver Teletron TE 704C	RST 569	QTH JN69hd
Germany	Stuttgart	Günther Michael	DJ2MG	SDR- or Kiwi-SDR & local antenna	Wire Antenna + VLF Converter + Hermes-Lite SDR	557	
Germany	Beimerstetten	Christoph Gässler	DL6SEZ	SDR- or Kiwi-SDR & local antenna	KiwiSDR with active MiniWhip in 4m height above ground in JN48XL	about 10dB SNR in JN48XL with active MiniWhip in 4m height	
Germany	Barsinghausen	Palme	DL8ABH	Radio receiver & local antenna	1.No reception:by using Grimeton Rx kit for 1st transmission in the morning 2. RST 119 for afternoon transmission: by Dressler active ant.+Refcom vlf converter+TenTec OMNI V Transceiver	RST 11(9)	Always better reception of winter transmissions than of transmissions in the summer
Germany	Geestland	Ablass, Uwe	DF7BL	SDR- or Kiwi-SDR & local antenna	2* 31m Ant > open Wire > VLF Konverter to 10Mhz > PMSDR > Computer	RST 499, 19dB over noise at 09:00 UTC 2nd transmission was weaker.	
Germany	Eckental	Otto Schubert	DL4NCG Otto	Web- or Kiwi-SDR & remote antenna	KIWI SDR der TU Nuernberg	4 7	

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
							First part of Telegram 2021: CQ CQ CQ DE SAQ SAQ SAQ = THIS IS GRIMETON RADIO STATION/SAQ IN A TRANSMISSION USING THE ALEXANDERSON 200 KW ALTERATOR ON 17.2 KHZ. = TODAY WE ARE CELEBRATING THE 25TH ANNIVERSARY OF THE FOUNDATION OF THE ALEXANDERSON ASSOCIATION AND NOMINATION ... THANKS FOR TRANSMISSION ! 73 Lutz
Germany	Schmitten	Lutz Winkler	DL1ROC	SDR- or Kiwi-SDR & local antenna	SDR: Airspy HF+, ANT: Arieal 50 Dipol	RST 577	
Germany	Munich	Lange, Herbert	DL6HRB	Radio receiver & local antenna	Byggsats till mottagare för SAQ	QSA 2, QRK 2	
Germany	Frankenthal	Kurt H. Röhlig	DL3UXI	SDR- or Kiwi-SDR & local antenna	SDR-Transceiver Flex 6700 with the 43 meters longwire antenna. 20 meters over ground.RX-bandwidth 40 Hz.	559 -97 dBm	Thank you for your very good work!
Germany	Kolbermoor	Reckemmer, Dietrich	dl5mcn	Radio receiver & local antenna	Rx EKD 500, Ant: Ferrit-Antenne	589qsb 589 qsb	tnx fer ufb msg.
Germany	Berlin	Wolfgang Preusse	DL7HU	Radio receiver & local antenna	VLF - Converter > 4 MHz to FT990 + Loop-Antenne for 10.1 MHz	5dB S/N	Thanks for your good work over the Years !
Germany	Leipzig	Cedra, Harry	DG0LGG	Radio receiver & local antenna	Hamradio Shortwave Antenna Groundplane 4,3m and PC- Sound Card	RF Level -70.....-80dB. Decoding is very possible.	
Germany	Grünhain	Teumer Helmut	DL4WW	SDR- or Kiwi-SDR & local antenna	PC saqrx /spec lab ant 20m longwire FT840- Konverter 20m longwire	RST 519	mni QRM!!!
Germany	Walldorf	Jan MARTIN	DM5JM	SDR- or Kiwi-SDR & local antenna	PC Spectrum Lab & Bikeloop tuned vor 17,2kHz, First trial with this antenna.long wire,even worse.	RST:339	Lighning und raining during second transmission.pse qsl :-)
Germany	Bad Dürrenberg	Gert Naundorf	Gert Naundorf	SDR- or Kiwi-SDR & local antenna	antenna: passive loop, D about 870 mm, 36 turns receiver: RTL-Stick+Upconverter (Spyverter) for transmission at 9:00 UTC receiver: SDRplay RSP1 for transmission at 12:00 UTC software: HSDR v2.76a	15...20 dB over noise	both transmissions are recorded in HSDR special IF wav format (12 kHz bandwidth)
Germany	Bergkamen	Koester Jochen	DC9DD	SDR- or Kiwi-SDR & local antenna	RSP1A SDRUNO MLA 30+ Modified	RST 559	https://www.qsl.net/dc9dd/Grimeton/Grimeton3.jpg
Germany	Berlin	Kuerschner; Uwe	DL7UWE	Radio receiver & local antenna	Converter 4 MHz + IC725	QSA= 3; QRK= 2/3 man made noise (QRN)	In winter the local conds are always much more better than in summer
Germany	Hamburg	Thomas Milde	DL1HBT	Radio receiver & local antenna	SAQ receiver kit obtained from your Radioaffären shop	RST 539, almost no QSB and low QRN	https://dl1hbt.wordpress.com/2021/06/04/hbt-workbench-saq-empfanger/
Germany	Gröbenzell	Behtan Stjepan	DL2MSB	Web- or Kiwi-SDR & remote antenna		RST 559	
Germany	Schorndorf	Helmut Jung	Helmut Jung	Radio receiver & local antenna	I receive with Wandel & Goltermann level meter SPM-11, active magn. Antenna R&S HFH2-Z2 and hear CW at the 200Hz IF output from SPM-11.	-105 dB/1MOhm Rx input with 50 Ohm active antenna output	QTH is Schorndorf near Stuttgart, South Germany, JN48ST.
Germany	Bremen	Schultz Holger	DL1BLE	Radio receiver & local antenna	low frequency converter (SO42P) Rx IC7600, 23m wire	RST 559	
Germany	Heidelberg	Roland Schwarz	DL6IAE	SDR- or Kiwi-SDR & local antenna	RX: RSPdx, ANT homemade active antenna AEA-15 from DL-QRP-AG (building kit), 8 m above ground	RST 579	Many thanks for transmission! It's a pleasure to listen to broadcast technology, that ist twice as old as myself. Great! Good condx in the morning (RST 579 with some QSB), very hard in the afternoon because of thunderstorm just at 14:00 MESZ. 73, Roland DL6IAE
Germany	Idar-Oberstein	Klaus Fuchs	Klaus Fuchs	Radio receiver & local antenna	AOR-AR 7030 with Mini Whip - 14h PX	SINPO 24332-3	
Germany	Anzing	Wickenhaeuser, Harald	DK1OP	Radio receiver & local antenna	Active antenna ROHDE&SCHWARZ HE011; noise measurement with ROHDE&SCHWARZ EMC-receiver ESCS, bandwidth 200 Hz; signal reception with ROHDE&SCHWARZ VLF-HF-Receiver EK56 and EK070	SNR average 6 dB; peaking up to 8 dB; bandwidth 200 Hz; flawlessly readable	In spite of increasing number of neighboured photovoltaic installations 17.2 kHz still clear ... but still how long?

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Germany	Göttingen, Center of Gern	Dieter Baranowski	DF7AX	SDR- or Kiwi-SDR & local antenna	Perseus SDR Reveiver, NTI MegaDipol Aktiv-Antenna	-85 dBm, RST 579 QSB	
Germany	Schneeberg	Reinhard Richter	DL0031SWL	Radio receiver & local antenna	RX: Alinco DX-R8, Konverter: VLF - HF (10 ... 10,5 MHz), Antenna: 3m Vertical	RST 4 7 7	Reception Quality * Describe the quality of the reception (RST, SINPO, SINFO, QSA, QRK, dB...)
Germany	Neuhausen/Spree	Klaus-Dieter Anger	DL1XKA	SDR- or Kiwi-SDR & local antenna	SDR play and 5 m vertical	some dB above noise level, but could read it	
Germany	Wackerow	Peter Oltmanns	Peter Oltmanns	Radio receiver & local antenna	Mini-Whip-Antenne; Vlf-Converter; AOR 8200	RST 478	
Germany	Viersen	Quacken, Manfred	DK7JR	SDR- or Kiwi-SDR & local antenna	Loop Antenne und SpecLab	good Signal here	
Germany	Neumuenster	Oskar Mayer	DJ8OM	Radio receiver & local antenna	MagLoop Ant. NTI, RX1 RFSpace CLOUD-IQ, RX2 ICOM R-75 w. HEROS VLF-CV	RST 579 no QRM / QRN - Signal 15 dB above Noise Level	Thanks for Transmissions, keep on working SAQ!
Germany	Meiningen	Hagen Borrash	Hagen Borrash	Radio receiver & local antenna	tube receiver 0V2 and ferrite antenna - selve made	strong signal	many thanks for this aktion
Germany	Heinsberg	Kohns, Norbert	DG1KPN	Radio receiver & local antenna	HSDR program , fed in sequence by a long wire, an active ferrite antenna, and by an active e-field antenna. All antennas worked well.	-70dBm	In addition I used a homebrew Pocket-RX with a 1m Long antenna which worked outside in the garden outstanding.
Germany	Postmünster	Paul, Clemens	DL4RAJ	SDR- or Kiwi-SDR & local antenna	2x155m Diople, SDR Reuter Pocket	Both transmissions S7, S/N 20dB in 200Hz BW	Many thanks for making this possible, keep up your excellent work!
Germany	Kernen im Remstal	Bühler, Hans	DL9SBV	Radio receiver & local antenna	Längswellen RX Type VLF 812 HEB Digitaltechnik mit abgesetzter Peilantenne	RST 449	
Germany	Olfen	Marbach, Christian	Marbach, Christian	Radio receiver & local antenna	Wandel Goltermann PSM-139 also Sharp-SDR with Mini-Whip-Antenna	Signal to Noise 26 dBm	Please increase the Memeber Ship Price for more transmissions at holiday Events.Greetings to all SAQ Guys.
Germany	Fellbach	DRK-Funk- und Fernmeldemuseum Fellbach	DF0RT	Radio receiver & local antenna	Längstwellen-RX VLF 812 HEB Digitaltechnik	RST 449	
Germany	Würzburg	Endres Dominik	DF6DOM	Radio receiver & local antenna	24 square meter loop, tuned to resonance, direct conversion receiver NE602/LM386	RST 439	
Germany	Stockdorf	Robert Wolters	DM4RW	Radio receiver & local antenna	Telefunken E-1500 (old coast-guard receiver) and Wellington active loop antenna	RST: 579	Have sound recordings, but have nowhere to upload them. If in need, pse email me.
Germany	Eggstätt	Haider Manfred	DG5CF	Radio receiver & local antenna	Loew HF225, VLF Converter, active magnetic loop Schwarzbeck FMZB1538	SINFO 24452	there is a S7 noise floor, your signals are weak and I'm happy to hear you ! 73
Germany	Absberg	Bartsch Tobias	Bartsch Tobias	Radio receiver & local antenna	miniwhip antenna, selfmade 4MHz mixer and a XHDATA D-808 shortwave radio	599	
Germany	Scheidegg	Rupp Helmut	DG6MDG	SDR- or Kiwi-SDR & local antenna	Kiwi SDR with Windom 10-80m	559	
Germany	Aschersleben	Timo Hulsch	DO3TIA	SDR- or Kiwi-SDR & local antenna	SDRduo, long wire antenna, ca. 8 m above ground	435	many thanks and 73 to all of your team
Germany	Amerang/Evenhausen	Michael Löw	DL6LM	Radio receiver & local antenna	Antenna Quad 1qm	very good sound quality at both transmissions	
Germany	Nürnberg	Pfennig, Manfred	DK4NL	SDR- or Kiwi-SDR & local antenna	RSPdx with SDRuno-Software	-79dBm, S/N 10dB	
Germany	Bibertal	Andreas Zilker	DG7RBN	Radio receiver & local antenna	W & G SPM-16 and RDR51, vertical E-Field antenna	S3 (-110dBm) SNR > 12dB	Thanks a lot for keeping the "ol' Lady" alive and running. vy 73 de Andreas DG7RBN
Germany	Hörlitz	Alexander Haußmann	DL2XF	SDR- or Kiwi-SDR & local antenna	Antenna: old wire storage coil, 25 cm diameter, about 3000 turns, placed in my attic; Receiver: PC soundcard + Spectrum Lab software by DL4YHF	15 dB over noise level (for both transmissions), more local humming QRM in the afternoon	My first try and it worked very well! Keep up your good work.
Germany	Schleiden (Dreiborn)	Peter Schmücking	DF3ED	SDR- or Kiwi-SDR & local antenna	Malahit SDR, Grahn VLF2 ferrite antenna and Grahn Konverter	-60 dBm	Portable station parking place "Rothirsch-Empore"
Germany	München	Simma Fritz	DG9MGC	Radio receiver & local antenna	Reuter RDR Pocket B2 3m Ground Plane	-79 dBm	Thanks for Transmission

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Germany	Rosenberg	Rainer Engel	df6sd	Radio receiver & local antenna	RX Racal 6790 GM with special E-prom tuning down to Vlf. Antenna : AS last years , Loop around a bookshelf 2 x 4 m , 6 turns . No additional tuner nor preamplifier .	Good to verygood sigs , again a great day , inspite of QRN far away	A great day to celebrate the birthday of engineer Alexandersson , for him and all the listeners . My thanks to the maintaining crew for their time and efforts spent ! Happy Birthday ! LONG LIFE FOR SAQ ! BLEIBT GESUND ! DF6SD , Rainer
Germany	Stolberg	Krieger Jürgen	DC0AC	Radio receiver & local antenna	Kenwood TS-890S + LW Converter, Discone Antenna	RST 569 QRN	
Germany	Stephanskirchen	Eder, Stefan	Eder, Stefan	Radio receiver & local antenna	R&S ESH3 Receiver with ALP-70 loop antenna 2m above ground	-4 dBuV, about 15dB above noise floor	signal was weak but enough to listen to
Germany	Ringethal	Spiller, Sven	DL1JIF	Radio receiver & local antenna	Receiver: EKD500 (RFT, VEB Funkwerk Köpenick) Antenna: 80/40m inverted V dipole incl. 1: 1 Balun in E-W direction, about 9m to 5m over ground, with 23m long RG58 shorted coax feeder line and local lightning conductor as earth.	RST: 569 (good signal)	
Germany	Erkrath	Holger Prokscha	DL8NK / Holger	Radio receiver & local antenna	Field Strength Meter as RX , 20m Longwire into 50 Ohm Input => -60dB	RST 599. -60dB at 20m long Wire. Well above QRN . Good Signal	Sorry for my double Report on your other Form on your Website. Thanks for TX, Holger
Germany	Kornwestheim	Dachtler Günter	Dachtler Günter	Radio receiver & local antenna	VLF Receiver to DG9WF (Funkamateur 12/14), LW Konverter (Funkamateur), Yaesu FRG 100 PC SpectrumLab	RST 546; QRM S9+20	
Germany	Leipzig	Methner Peter	DH6TM	Web- or Kiwi-SDR & remote antenna	Web SDR Airspy Discovery Raspberry4 Ant Miniwhip	RST 579	
Germany	Balingen	Denis Mrsa	DL5SFC	SDR- or Kiwi-SDR & local antenna	Windows SDR RX , T - Antenna	539	
Germany	Wuppertal	Schmitz Bernd	DK9JG	Radio receiver & local antenna	Rahmenantenne W&G spm-33A 589 , Ferritantenne Drake R4C 529	589	
Germany	Neunkirchen	Walter Barteczek	DK8KV	Radio receiver & local antenna	T-Antenna 2x18m (10m high) and 202mH Coil, SDR-Radio l2PHD with STM32F429 Discovery Kit	QSA4, -70dBm R&S HFH2-Z2, afternoon QSA3 due to local Thunderstorm	Missed anual invoice for membership
Germany	Geesthacht	Franz-Peter Holert	Franz-Peter Holert	SDR- or Kiwi-SDR & local antenna	Receiver perseus, antenna homemade mini whip	alternating between -62 dBm and -59 dBm	
Germany	Kirchweidach	Schlecht Hans	DL8MCG	Radio receiver & local antenna	antenna wire 20m long, up converter to 10.7 MHz , SSB/CW Receiver / 100 Hz CW Filter	rst 579	I could hear some slight frequency changes +/- 100 Hz (alternator rotation changes?). Thanks for this great test!
Germany	Bielefeld	Pohlmann Andreas	Andreas Pohlmann	Radio receiver & local antenna	DIY hand-held receiver	SINPO 23333	A near and strong thunderstorm at the 2nd broadcast
Germany	Rabel	Frank G. Sommer	DC8FG	Radio receiver & local antenna	Grimeton Receiver Kit - unfortunately poor reception due to insufficiently matched RX antenna	0900 UTC: RST349 / 1400 UTC: RST 659	mni tnx, great job! - vy 73

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
					Dear Ladies and Gentlemen I have received your Transmission today (04.07.2021) at 9 UTC with RST 579 with slight QRN on 17.2kHz on my QTH 13507 Berlin , loc: JO62PN . Also I received it at 12 UTC with the same result. My Hardware for your Station: Ant : End-Fed 24m grounded with many buried radials VLF-Converter : (0...600)kHz ---> (2000...2600)kHz with Tubes , Home-made TRX : FT991A , Mode CW , BW: 100 Hz , Noise-Blanker on Decoder-SW : CW-Get		
Germany	Berlin	Sprodofsky , Wolfgang	DM2SP	Radio receiver & local antenna	vy 73 es 55 de Wolfgang , DM2SP	RST 579	
Germany	Rheinberg	Matthias Baier	DK2DP	SDR- or Kiwi-SDR & local antenna	SDR Play RDS dx	RST 478 due to short antenna and insufficient receiver sensitivity	approx 6 m of wire indoor
Germany	Gronau	Willi Wollenweber	DF9XZ	Radio receiver & local antenna	VLF-Antenna (1,0 X1,0 m) , VLF-Konverter, Rec.TS-50	Good Quality 5 5 9	Good Event, good Team (CW-Oper.) all the best for Radio Grimeton-Team
Germany	Hörselberg-Hainich	Kraaz Uwe	DL5KU	Radio receiver & local antenna	Belka-RX with LW-Converter Funkamateer-Kit and dly - Loop	RST588	congratulations for your very good 2 transmissions today, thank you for this, vy 73 de DL5KU
Germany	Sindelfingen	Harald Lutz	Harald Lutz	SDR- or Kiwi-SDR & local antenna	Coils connected to soundcard entrance of PC with Windows 98 operating system and SpecLab FFT-analysis software	Signal was well received as well at first as at second transmission	
Germany	Fränkisch-Crumbach	Eckhardt Hartwich	DE 1 EHA	Radio receiver & local antenna	RX Siemens E 310 a/b Antenne 2x 40m Dipol	RST 5 5 6 QRM S 3 Zeit 10:50 bis 11:15 MESZ	no
Germany	Hünxe	Stefan Robl	Stefan Robl	SDR- or Kiwi-SDR & local antenna	AirSpy HF+ Discovery, MiniWhip antenna earthed in wet garden soil, CubicSDR natively compiled for Apple Silicon M1 running on macOS, Audio Hijack for audio routing and band pass filtering, fldigi for CW decoding	1st transmission: RST479, 2nd transmission: RST379 (thunderstorms nearby)	https://www.qdev.de/pics/Grimeton-2021-07-04.png
Germany	Ettal	Martin Rothe, DF3MC	DF3MC/p	Radio receiver & local antenna	LF-Konverter and IC-705	very nice signal	First outdoor reception using mobile equipment
Germany	Moers	Linnartz Ingo	DO6IL/P	Radio receiver & local antenna	homemade Converter IF 10Mhz, homemade Loop Antenna with Pre Amp.	589	
Germany	Allensbach	Müller, Dominik	DL5CE	SDR- or Kiwi-SDR & local antenna	Homebrew Loop Antenna, USB-Soundcard, SAQrxV094_192k	RST 559	
Germany	Stemmen	Daria Richter	DJ6DP	SDR- or Kiwi-SDR & local antenna	Winradio G313, Hi-Z preamp, 15m wire	-110dBm, R3-4, lots of QRN	some images and a recording have been published here: https://blog.dj6dp.de/?p=310
Germany	Zeitz	Klaus Weber	Klaus Weber	SDR- or Kiwi-SDR & local antenna	RX: SDR play RSP duo; Antenna: selfmade e-field tube (MiniWhip pro+ by DL4ZAO)	SINPO: 34343	Signal was okay but there were middle atmospheric noises. Unfortunately it was not possible to decode the message with a CW-decoder. It was the transmission at 9.00 UTC. All the best for you and - stay healthy in this difficult times!
Germany	Hemhofen	Meewes, Christian	DK2MC	Web- or Kiwi-SDR & remote antenna		QSA 2-3	On local station with SDRplay RSPdx and 40m Endfed Antenna was SAQ unheard.
Germany	Wendestein	Wirth, Tobias	DQA509	SDR- or Kiwi-SDR & local antenna	Kiwi-SDR, Sirio Discone Antenna SD1300N - 13m above ground, 5m above roof.	439	
Germany	Langenbernsdorf	Gottfried Mueller	DG0JN	Radio receiver & local antenna	FT-891 + LW-Konverter + selectiv Ferritantenne + Potabel-QTH middle in the forest in JO60DR	RST 599	UTC 11.45 - 12.15 h

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Germany	Traunwalchen	Siegmund, Christoph	Christoph Siegmund	SDR- or Kiwi-SDR & local antenna	0.25m2 selfmade frame antenna with iSDR app on iPad and iRig Pre as preamp	RST 599	Message received (11:00 CET): CQ CQ CQ CQ DE SAQ SAQ SAQ = THIS IS GRIMETON RADIO STATION / SAQ IN A TRANSMISSION USING THE ALEXANDERSON 200 KW ALTERNATOR ON 17.2 KHZ. = TODAY WE ARE CELEBRATING THE 25TH ANNIVERSARY OF THE FOUNDATION OF THE ALEXANDER ASSOCIATION AND NOMINATION OF THE GRIMETON RADIO STATION AS A NATIONAL LISTED BUILDING ONE IMPORTANT STEP TOWARDS THE UNESCO WORLD HERITAGE LIST EIGHT YEARS LATER [?] = SIGNED: WORLD HERITAGE GRIMETON RADIO STATION AND THE ALEXANDER-GRIMETON VETERANRADIOH VAENNER ASSOCIATION. = NB <VE> FOR QSL INFO PLEASE READ OUR WEBSITE: WWW.ALEXANDER.N.SE + DE SAQ SAQ SAQ <SK> The second transmission at 14:00 CET was weaker and with sferics.
Germany	Benningen	Durm Oliver	DL3SDW	SDR- or Kiwi-SDR & local antenna	Miniwhip Antenna on telescopic portable mast in the garden, about 6m height	RST 559 with QSB and QRN	This year, we have installed our reception station in the garden as the WX was nice and warm. My 15years old daughter was similar fascinated like her father watching the live stream and listening to the received signal that was ahead in time compared to the internet stream. It is great that you keep the old lady running, we are looking forward to the next transmission. best 73s, Oliver DL3SDW
Germany	49°55.12' N 8°16.41' E - L	Juergen Florenkowski	DD9WL	SDR- or Kiwi-SDR & local antenna	Airspy+ and longwire	529	
Germany	Saalfeld	Mathias	DL4ZJ	SDR- or Kiwi-SDR & local antenna	AFEDRI SDR + 34m invertet L Antenna	589	www.x26.de
Germany	Greifswald	Uwe Hethke	DL2KZA	Radio receiver & local antenna	Konverter to 30m-band + qrp-trcvr, ant 4 turns 70x70 cm abt 1.5m height	599 ufb clear sig	09:00 UTC and 12:00 UTC very strong and clear signal
Germany	Nackenheim	Uwe Draws	DH2PC	Radio receiver & local antenna	longwire + ferrit antenna	59	excellent reception on a small hill far from any locality severe disturbances due to thunderstorms
Germany	Marienberg	Schubert , Frank	Schubert , Frank	SDR- or Kiwi-SDR & local antenna	Frame antenna with a diameter of 1.2 meters (12 mH) as a resonant resonant circuit and PC with sound card for decoding the CW signals	RST 578	THI ISNIMETMN RSDIO STATION/SAQ IN A TRANSMISIXN USINN TSE ALEXANEESON E200 KULNRNA AON 17 .2 H - *DAY WE L CELBATING THE2*TH ANNIITERSARYO THE FOUNDATION OF HE ALEXANDER ASONIATION NDOTINA2N ON TH *IMETONRAIOSTATION AS A NATIOXLLITED B*LIDING, ONE M<VE>ORTANT STEP AOWARDS TEUNES* WOR5D HERAGE LIST IGH YEARS *ANR. <BT> SIGND: WORLD5E<AS>TAZ GM*N RAI STATION AD TEE <AS>XNDER-GSIMTON VEN*RAIOH VAENDR SOCIATION. <BT> NB * <VE>OR QS5 IN* PLEAHE LAD OUN WEESITE* WW. *EXNDR.N *HE <AR> DE SA SAQ SAQ
Germany	Magdeburg	Lutz Messerschmidt	DM1LM	Radio receiver & local antenna	home made RX, frame antenna	RST 599	
Germany	Köln	Wolfgang Pohl	DF1KZ	SDR- or Kiwi-SDR & local antenna	RX: SDRplay RSP2Pro, Antenna: rf-systems DX-10	20 dB above noise	
Germany	Alpen	Heinz Wanders	DK3IR	Radio receiver & local antenna	Receiver KX3 with VLF Converter, Loop Antenna	RST 559	
Germany	Naila	Löhner Claus	DL8CLO	SDR- or Kiwi-SDR & local antenna	Software SAQ together with a selfbuild active Antenna	RST: 577	
Germany	Dettenhausen	Jacobs, Jochen	DL4SCI	SDR- or Kiwi-SDR & local antenna	Loop-Antenna 25m², (5m 4 sides) 8turns and homemade Preamp with INA128, Creativite Soundcard 5.1 , Laptop .	Cw-Tone -65db, Carrier -85db	...
Germany	Pfronten	Michael	DL4MGD	SDR- or Kiwi-SDR & local antenna	BoniWhip - SDRPlay-SDR-Radio and SDRUno Software	RST 548	Audio-Recordings: https://nrx1393.your-storageshare.de/s/ZqdiHg4wy7zzXqM
Germany	Berlin	Heinze, Norbert	Heinze, Norbert	Radio receiver & local antenna	Receiver D-808, VLF-Converter, Antenna Longwire 20m	QSA5, QRK5, SNR+20dB	Marvellous transmitting and receiving on celebrating the 25th anniversary

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Germany	Adlkofen / Günzkofen	Matthias Benker	DL6NAL	Radio receiver & local antenna	Icom IC 707 + LW_Converter (Bausatz Funkamateure) + Drahtantenne	579	
Germany	Kroening	Peter Gruschka	DK4RG	Radio receiver & local antenna	RX Siemens E310, Antenna Longwire 55 m	RST 579, Time 11:05 UTC	
Germany	Hambühren	Hans-Peter Bölke	DJ6HB	SDR- or Kiwi-SDR & local antenna	Soundcard-Receiving, 22m-Wire-Antenna, Software: SAQrx	RST 219 long QSB-Periods, QRN, digital-QRM	
Germany	Rüsselesheim	Stefan	DL7FE	Radio receiver & local antenna	FT-767GX, Loop antenna	RST: 344 with QRN	
Germany	Brück	Peter Voigt	DL3MY	Radio receiver & local antenna	EKD100 Delta Loop 80m	rst 569	
Germany	Bad Oeynhausen	Dr. Dirk Ottensmeyer	Dr. Dirk Ottensmeyer	SDR- or Kiwi-SDR & local antenna	Airspy HF+ Discovery. Cylindrical air coil (713 turns, 55,5 mH, diameter 11 cm, length 8,5 cm, shielded) tuned with 1,2 nF plus rotary capacitor 630 pF building a special magnetic antenna. Modified PA3FWM preamplifier.	RST: 377/C; max. 16,2 dB SNR, min. 6 dB SNR; max. -83,3 dBFS	The following link shows some pictures of my setting: https://www.dropbox.com/sh/jjc3aaxuzz6qo84/AAAhulkWOZxXwZ-Hi9eWQKjYa?dl=0 The reception was disturbed by a nearby thunderstorm.
Germany	Chemnitz	Erlar, Klaus	DL1JCI	SDR- or Kiwi-SDR & local antenna	SAQrxV094 with magnetic antenna and sound card	449	
Germany	Mommenheim	Oliver Dollmann	DL5WO	SDR- or Kiwi-SDR & local antenna	Mini-Whip Soundcard sdr#	579	
Germany	Freital	Klaus Bayer	DM5ZW	Radio receiver & local antenna	EKD300 and WD4 Antenna	RST 588	Thanks for the transmission.
Germany	Moers	Christoph Berg	DF7CB	Radio receiver & local antenna	Mag loop, transverter to 10MHz, FT991	RST 599	
Germany	Barmstedt	Nils Böge	Nils Böge	Radio receiver & local antenna	Receiver Siemens E566 with active antenna Grahn GS5 and module VLF2 "Alexanderson"	Permanent good with some noise	
Germany	Gager	Truppel, Sandra	Truppel, Sandra	Radio receiver & local antenna	magn Ant. Mixer 17,2kHz=>4017,2kHz, ATS909	RST599	Send QSL card please to Franz-Mehring-Str. 51, 14482 Potsdam, Germany
Germany	Holzkirchen	Andreas Stabinger	DD0AS	SDR- or Kiwi-SDR & local antenna	Hardware: SDRplay RSPdx receiver + MegActiv MA305FT antenna (similar to MiniWhip) 2,5 meters over ground in the garden Software: SDRplay Uno 1.40.2	SINPO=44343	GPS: 47.8664, 11.7102 If required, recording can be provided. Thanks again for your fantastic work at the SAQ station.
Germany	Regenstauf	Deppe Hans	DJ8UL	Radio receiver & local antenna	KX3 LF converter frame antenna homemade	5 3 9	great job again ... tnx to the whole Grimeton team!!
Germany	stuttgart	Ali Beyhan Beyaz	DJ0TK	SDR- or Kiwi-SDR & local antenna	receiver:SM6LKM / Sound Card: 16-Bit/48 KHz / Rain Pipe as antena	RST 239 with QSB	https://www.facebook.com/group...rmalink/1494505177558439/
Germany	Althegenberg	Stefan Plützer	Stefan Plützer	Radio receiver & local antenna	1.1 m2 frame antenna	clear signal, well above noise	
Germany	Buettelborn	Gerhard Marx	DK6WA	Radio receiver & local antenna	RX Schlumberger MiniLock SI6910. MiniWhip and small Loop antenna.	259	Heard in the noise level. Hardly readable. A bit better at 09:00 UTC.
Germany	Einbeck	Karl-Heinz Teichler	DJ6HC	Radio receiver & local antenna	Konverter with SO42p --- trx g90 from Xiegu --- ant lw 27m	RST 219 havy QSB	
Germany	Sehmatal-Cranzahl	Zapf Walter	DG0EW	Radio receiver & local antenna	IC SO42P + Shortwave RX	599	73 from Walter, DG0EW
Germany	Karlsruhe	Assmus Hans - Peter	DF6IU	SDR- or Kiwi-SDR & local antenna	FDM S2 ELAD Ant.:MegaDipol DX = MD300DX	599 QRN	

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information																								
							<p>(1) reception details:</p> <table border="0"> <tr> <td>UTC</td> <td>MESZ</td> <td>remarks</td> </tr> <tr> <td>11:45</td> <td>13:45</td> <td>first long dashes ...</td> </tr> </table> <p>First long dashes, 3 of them with deviations of some 100 Hz in QRG. These frequency changes seemed to be more severe than ever heard during earlier transmissions.</p> <table border="0"> <tr> <td>11:49</td> <td>13:49</td> <td>starting the vvv-loop (vvv vvv vvv de SAQ SAQ SAQ)</td> </tr> <tr> <td>11:58</td> <td>13:58</td> <td>short stoppage till 13:59</td> </tr> <tr> <td>11:59</td> <td>13:59</td> <td>again "vvv vvv vvv de SAQ SAQ SAQ" oder "CQ ..."</td> </tr> <tr> <td>12:00</td> <td>14:00</td> <td>starting the message</td> </tr> </table> <p>QSA 1 to 2 as severe QRN. Only single characters to successive three could be copied, as QRN pulses much stronger than strength of input at the RX 1001MVB by GS5-SE of 40 dBµV (I assume that SAQ was some dBµV weaker, I never saw a dip when SAQ released its key.</p> <p>Every 1 to 3 seconds, the signalstrength (fast AGC) jumped to 100 dBµV probably due to clipping of meter or its protection circuit at RX input. As the RX 1001MVB is hardened against overflow, I do not have any information on the behaviour of the frontend GS5-SE.</p> <p>It was during transmission of message, that I noticed, that my surroundings had become dark, thunder heard, strong gusts but no lightnings seen.</p> <table border="0"> <tr> <td>12:06:53</td> <td>14:06:53</td> <td>end of transmission</td> </tr> <tr> <td>12:08</td> <td>14:08</td> <td>a short key down signal heard.</td> </tr> </table> <p>It was the first time, I heard SAQ with such a heavy QRN.</p> <p>(2) transmission quality:</p> <p>Due to QRN I can not give more details to your transmission with one exception: The quality of tone and its stability during key-downs and key-ups was perfect. Like a signal originating in a valve transmitter.</p> <p>(3) I wish your Alternator and your operating and maintenance crew good luck and a lot more successful transmissions. 73, Hans, DK2XV</p>	UTC	MESZ	remarks	11:45	13:45	first long dashes ...	11:49	13:49	starting the vvv-loop (vvv vvv vvv de SAQ SAQ SAQ)	11:58	13:58	short stoppage till 13:59	11:59	13:59	again "vvv vvv vvv de SAQ SAQ SAQ" oder "CQ ..."	12:00	14:00	starting the message	12:06:53	14:06:53	end of transmission	12:08	14:08	a short key down signal heard.
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Germany	Darmstadt	Hans G. Diederich	DK2XV	Radio receiver & local antenna	GS5-SE (with ferrit module "VLF2 Alexanderson") directly feeding the ELF-to-HF-RX Hagenuk RX 1001MVB.	afternoon transmission, severe QRN local thunderstorm																									
Germany	Tirschenreuth,	Werner Berr	DG4RAW	Web- or Kiwi-SDR & remote antenna	Websdr twente nederland	599																									
Germany	Kleinflintbek	Walter	DL6HAK	Radio receiver & local antenna		very strong signal																									
Germany	Neu-Ulm	Dieter Hirt	DH1DH	SDR- or Kiwi-SDR & local antenna	PlaySDR RSP DX, Loopstick antenna with selfm. amp.	SINPO 33443																									
Germany	Clausthal--Zellerfeld	Marco Kubon	DL1MX	SDR- or Kiwi-SDR & local antenna	self-made YouLoop / Airspy HF+	SNR 14dB in SDRSharp at 12:00 UTC transmission	Thank you for the transmission and the work you do for the public!																								
Germany	Munich	Frammelsberger Paul	Frammelsberger Paul	SDR- or Kiwi-SDR & local antenna	RX: Perseus SDR Antenna: big ferrite core 70cm long 4core bundle at 3cm diameter rod	RST 578 SNR 12 dB, second transmission with QRN	many thanks to the SAQ-Team for the good work! i have see live over youtube channel																								
Germany	Eching	Thomas Mewis	DO3TME	SDR- or Kiwi-SDR & local antenna	30m long wire and RSP2	558																									

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Germany	Leveste, 52.32827505435	Wilfried Fritz	DJ1WF	Radio receiver & local antenna	Homebrew VLF converter with high impedance preamplifier and IC735 behind, VLF Pocket receiver, both with telescopic rod antenna	First transmission was heard in good quality, some static, the 2nd transmission was very weak and distorted by strong QRN, but still detectable	We made our traditional SAQ RX party again in JO42SH with DJ9OMD, DL4AH, DB7OZ, DO7OZ, DL9OBD, DL1ABF, DB1AI and myself, DJ1WF. Between the transmissions we had a nice barbeque. https://www.youtube.com/watch?v=wHJkwF18v8
Germany	Krailling	Müller-Wilke, Henning	DL4MFC	Radio receiver & local antenna	WinRadio G31 DDCe, Active Whip Antenna 9m above the ground	-80 dBm, only little local noise	Thanks for the interesting event.
Germany	Fulda	Matthias Zell	Matthias Zell	Radio receiver & local antenna	ICOM IC-R 8600 + Megaloop FX	SINPO 33333	The video tour this time was very good and fun to watch! Thank you!
Germany	Stelle	Adler, Andreas	DK9HE	Radio receiver & local antenna	Grimeton Kit RX with loop Antenna	539	
Germany	Barsinghausen	Kohlhagen Günter	DC5OS	Radio receiver & local antenna	selective Ferrit-Antenna ,Soundcart and Software SAQrx	10dB above noise and QRN	AWDH on Christmas eve! Günter.
Germany	Müncheberg	Leisterer, Uwe	DG2BAN	Radio receiver & local antenna	Homemade receiver with single conversion, homemade ferrite antenna	Unheard	First transmission: could not hear any tones, second transmission: very weak tones, but no detection possible
Germany	Hellenthal	Paul Webster	DL/PE7B/P	Radio receiver & local antenna	My primary antenna was a home-constructed, tunable E-field active antenna based around a dual op-amp Gyrator circuit. This circuit appeared in the October 2018 issue of the German amateur radio magazine Funkamateure, in an article written by Prof. Dr.-Ing. Martin Oßmann of the Aachen University of Applied Sciences. Originally designed for DDH47 reception, I adapted the Gyrator circuit for VLF band reception. The Gyrator antenna was connected to a WB9KZY-style upconverter (10MHz output), which was in turn connected to a Yaesu FT-817. A short piece of plastic drainpipe was placed over the 817's loudspeaker to create a simple, baseband CW filter. My portable receiving station also included a home-constructed tunable H-field active VLF antenna - a 'weatherproof' version of a design which PCOP published on his website. This antenna was connected to a Windows tablet running DL4YHF's Spectrum Lab software.	RST 559. Signal copied with good readability. There was some noise on the band which I think was due to the large farm of wind turbines near to the receiving location.	A short video showing my VLF receiving equipment (and the SAQ signals received using that equipment) on July 4, 2021. https://www.youtube.com/watch?v=AB-oNT4-0KY
Germany	Weinbach	Jochims , Ulrich	DC2LD	SDR- or Kiwi-SDR & local antenna	PC, SDR-Sharp , RTL Dongle , Upconverter, active Loopantenna	599	-
Germany	Weissenhorn	Dreier, Jochen	DH6SBN	SDR- or Kiwi-SDR & local antenna	2 antennas Low noise + RSP1	Unheard	
Germany	Oelsnitz(v)	Helmut Neidel	DM2DIN	Radio receiver & local antenna		RST 589	
Germany	Hürth (Fischenich)	Prast, Hans-Peter	DL2KHP	Radio receiver & local antenna	1. Homebrew VLF-Receiver with 80cm Teleskop-Antenna 2. Mini-Whip-Ant. and HDSDR-Software	Very good reception: RST 539 with QRM by thunderstorm	http://www.dl2khp.de/shack-funkraum/empfang-saq-grimeton.html
Germany	Munich	Ballis Ralf	DL2MRB	SDR- or Kiwi-SDR & local antenna	Perseus SDR on a Ferrite Rod Antenna	RST578	
Germany	Ottenua	Bernd Seiser	Bernd Seiser	Web- or Kiwi-SDR & remote antenna	Uni Twente web-sdr	SINPO 44444	
Germany	Forst	Klaus Fraissl	DF2UA	SDR- or Kiwi-SDR & local antenna	RX: SDR-IQ Receiver Antenna: Activ antenna AS643 Software: SDR-Console V3.0.28	Good Signal here in SW Germany	tnx fer nice Transmission
Germany		Hermann Hagn	DK8CI	Radio receiver & local antenna	Receiver: VLF-Converter + Icom IC-751 + DSP-Filter Antenna: 4m vertikal on rooftop of house	strong signal, 20 dB SNR	

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Germany	Rothenfels	Thomas Niepel	DH1NFK	Radio receiver & local antenna	TS-890S with RIT and wide filters, 120m longwire.	Unheard	I visited Grimeton abt. 8 year before. I was very impressed.
Greece	ZOGRAFOU - ATHENS	GEORGE KONSTANTOPOULOS	SY1COP / GEORGE KONSTANTOPOULOS	Web- or Kiwi-SDR & remote antenna	Vihti, Finland Grid KP20dh, ASL 80m, SNR 15:13 Db Antenna: Wellbrook ALA1530LN loop Hesse, OHLZLB	QSL	https://drive.google.com/drive/folders/17Bc8siWXADRi9WMIBpFZswZ518QlqoU3?usp=sharing
Greece	Marathon	Mantzaras Emmanouil	SV1BKE/P	Radio receiver & local antenna	Siemens D2019 selective level meter, rohde&schwarz HE10 active rod antenna	Rst 569	Report for the 2nd transmission. Portable station.
Greece	Katerini	Sarailidis Adamos	SV2KGA	Radio receiver & local antenna	ROHDE&SCHWARZ EK56/4 VLF-HF Receiver	448	
Greece	Cholargos	Mantzaras Emmanouil	SV1BKE	Radio receiver & local antenna	Siemens 2019 selective level meter , 15 meter long wire antenna	RST 449 qrn	reception in a heavily radio polluted urban environment
Greece	Samos	Alexander Karpathiou	SV8CYR	Radio receiver & local antenna	loop antenna + PA0RDT + SAQrx092Vo98_48k(programm)	heard	
Greece	CORFU	John Koutsakis	SV8AHV	Radio receiver & local antenna	Inverted L antenna (17m high) - VLF converter - Ham TRX and 50Hz audio filter	RST 479	Solid copy of both transmissions
Greece	ATHENS LIKOVRSIS	MONASTIRIAKOS KOSTAS	SV1AYC	Radio receiver & local antenna	MARCONI APOLLO receiver LONG WIRE	RST 425	
Greece	Athens	Costas Krallis	SV1XV	Radio receiver & local antenna		The signal in Athens, Greece, was weak with atmospheric noise interference.	
Hungary	Pecs	Dibuz Sandor	HA3PG	SDR- or Kiwi-SDR & local antenna	RSP1A SDR with SA612 upmixer to 10MHz and a Miniwhip antenna at about 8m height	599	Strong signal as always, very little fading and some static noise.
Hungary	Tápiógyörgye	Kis Istvan	HA5IKS	SDR- or Kiwi-SDR & local antenna	SDR: SDRPlay RSP1A, Antenna: horizontal wire.	RST 233	Unfortunately very weak signal. Next time I will try another type of antenna.
Hungary	Budapest	Höss Lajos	HA8HL	SDR- or Kiwi-SDR & local antenna	Mini Whip antenne + Asus Xonar u7 sound card + hdsdr	10 db over noise level	
Hungary	Badacsonyörs	Tamás Várnai HA3KGX	Tamás Várnai HA3KGX	Radio receiver & local antenna	VOLNA 4 RUSSIAN MARITIME RADIO RECEIVER, 200 m long wire	R5S3T9	
Iceland	Geysir, Haukadalur (Geotl)	Agust H Bjarnason	TF3OM	SDR- or Kiwi-SDR & local antenna	Local private KiwiSDR at my cottage QTH near Geysir geothermal site. During the first transmission (9.00 UT) I used my HF 3-30 MHz antenna (39m long EFHW 8010). Not good for 17.2 kHz :-). Signal was just readable. During the second transmission (12:00 UT) I modified the HF antenna by disconnecting the coax shield. Now the antenna was a true LW. Signal 579 and very readable. :-) 73 de TF3OM	579 solid copy. Very little QSB.	https://www.qrz.com/db/TF3OM
Ireland	Galway	aengus cullinan	EI4ABB	Radio receiver & local antenna	Heath VLF converter with icom IC-R71E and yaseu FRG 7 receivers ,vertical whip antenna	VERY CLEAR 5 5 to 5 7	
Italy	Aosta	Bruno Baratti	IX1CYM	Radio receiver & local antenna	Wandel & Goltermann SPM19 + long wire antenna	425	
Italy	PREGNANA MILANESE	CESARE LAVAZZA	IW2KPU	Radio receiver & local antenna	ICOM IC-7400 + 28 MHz UP-CONVERTER + VERTICAL WIRE ANTENNA	557	
Italy	Udine	Paolo Zamparo IV3ANH	IV3ANH	Radio receiver & local antenna	Watkins Jhonson 8711 - Perseus - V Antenna Butternut HF9V-X	555	Amazing video on YouTube!
Italy	CERVIGNANO del Friuli	Balducci Maurizio	IV3RYQ	SDR- or Kiwi-SDR & local antenna	Antenna Mini Whip, Elad S1 SDR receiver, SDR Console	599 signal always loud and clear in JN65 TNX for the event '73	

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Italy	Pescantina	CARRADORI CORRADO	IZ3FJU	SDR- or Kiwi-SDR & local antenna	MULTISTICK FERRITE LOOP ANTENNA COUPLED WITH A VERTICAL 7 m LONG RADIATOR + PUSH-PULL MOSFET 22 dB PREAMPLIFIER + E-MU 0202 USB 24 BIT USB SOUND CARD + HDSDR SOFTWARE ON LAPTOP PC. SAQ RECEIVED AT S9+20 WITH (SN+N) /N RATIO = +20 dB.	RST 599	
Italy	LANA	Laimer Alexander	IN3CVK	Radio receiver & local antenna	Windom Antenna for 160m ham band. Receiver is a TELEFUNKEN ELK 639	Very good signal; RST 599	Many thanks for your TX
Italy	Torino	Marco Cadeddu	IK1HSS	SDR- or Kiwi-SDR & local antenna	E-Probe @ 45m above ground (10m above roof) UMC202 48kS/s and SpectrumLab	599 copy between 15 and 20 dB S/N both for the tune-up session and for the QTC of 09UTC	
Italy	Rezzoaglio GE	Paolo Serravalle	I1IMA	Radio receiver & local antenna	W3DZZ dipole+Yaesu FT757GxII+Datong clone VLF conv.	RST 579	QRM ES QRN
Italy	Casalgrande	Alessandro Carozzi	IU4FNO	SDR- or Kiwi-SDR & local antenna	SDR: Persus. Antenna: 40m Delta Loop, 15 m a.g.l.	479	
Italy	Rivarolo Canavese (Torino)	Ferruccio Andrea	IW1DTU	SDR- or Kiwi-SDR & local antenna	miniWhip active antenna at 12m above ground, Airspy-HF Dual Discovery, SdrSharp software	21 to 22 dB SNR in both transmission	morning transmission plot https://www.dropbox.com/s/8iz9mh1scpuvuzd/SAQ%2004jul2021%20m.png?dl=0 afternoon transmission plot https://www.dropbox.com/s/ao30i0h0bcsrcda/SAQ%2004jul2021%20a.png?dl=0
Italy	GENOVA	Giorgio Torre	I1UP	Radio receiver & local antenna	FT1000MP converter DATONG and Antenna for HF	RST 599 QSB QRN	This control is for trasmission at 12 UTC
Italy	Gerenzano	Antonio Oliva	I2-71072	Radio receiver & local antenna	Elad FDM-DUOr + miniwhip homemade (am) - FDM-DUOr + long wire(pm)	RST 488am - 388pm	in the afternoon long test? Bye
Italy	Iavagno	Luca	IU3pit	Radio receiver & local antenna	perseus sdr , 600m wire antenna.	s -74dBm , s/n 15dB	
Italy	Brescia	Duina Alberto	IW2ayv	Web- or Kiwi-SDR & remote antenna		1901 4 3	unfortunately on local LZ1AQ loop antenna nothing ... so received online on TWENTE - SDR. 73 and thanks for your very appreciate activity!!
Italy	TREVISO	Roccardi Pierantonio	I 72000/VE	Radio receiver & local antenna	homebrew superhet receiver , M audio delta44 + pectrum lab software active antenna monopole	5,8,8	
Italy	Vertemate con Minoprio	Tagliabue Claudio	IT2021SWL	Radio receiver & local antenna	antenna: Mini Whipe 10 m. (self-made) - receiver: Sound Blaster SB 1095 sound card - software: Spectrum Lab V2.96.b1	RST 4 4 4	video of the reception on my blog: https://it2021swl.blogspot.com/2021/07/alexanderson-day-2021.html
Italy	Verona	Nilandi Pierangelo	I3XNP	Radio receiver & local antenna	10 MHz converter+preamplifier, verticale antenna	S 5.3	Noise, but intelligible
Italy	Rome	Florenzio Zannoni	i0zan	Radio receiver & local antenna	Today I received your very strong signal. I used a direct conversion receiver and a reaction receiver I built myself. The antenna is a winding on a ferrite core tuned to 17.2 KHz many thanks 73 by i0zan Florenzio Zannoni. on you tube I have inserted some videos of the reception. bye Bye	Very strong signal	Video some y0u tube canal i0zan Florenzio Zannoni
Italy	Saonara	Andrea Coloru	IW3IAB	Radio receiver & local antenna	Antenna MiniWhip 10mt AGL, UpConverter by Elettrofficina.com, RIG YAESU FT450D	RST 424	https://youtu.be/1Wx3eysmuSI
Italy	Potenza	Labella Rocco	IK8XLD	Radio receiver & local antenna	Mini wiph antenna and audio card.	received at 12:15 utc. Signal was not strong this time, aboute 10 dB over the noise, but readable . TNX	I would be very happy to receive the paper QSL card as well. Thanks so much
Italy	Torino	Romeo	IW1cpz	Radio receiver & local antenna	Grundig YB400, LF-->HF converter, pa0rtd miniwhip antenna, android spectral.	RST 559	Many thanks for transmission!
Italy	Crevoladossola	Cheula Mario	IW1DUS	Web- or Kiwi-SDR & remote antenna	SDR on University of Twente	RST 499	Receveid from 13:44 CET to 13:52 CET Text: "VVV DE SAQ SAQ"

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Italy	Monte reale Valcellina PN	Povoledo Giuseppe	iv3pvd	Radio receiver & local antenna	Receiver : Singer Stoddart NM-17/27 Antenna : 80 mt. delta loop (vertical mounted)	good 20 dBuV (08,30 and 11,30 transmissions)	
Italy	Martellago	Pistolato Renzo	IZ3BTA	SDR- or Kiwi-SDR & local antenna	Computer with Sound Card- WINRAD software-vertical antenna 10 mt long.	RST 477	
Italy	Buglio in Monte (SO)	Paroli Francesco	IW2DBM	SDR- or Kiwi-SDR & local antenna	Miniwhip antenna, SDRplay RSP1a, PC Intel core i5	SIMPO 34333	Listen to the two transmissions, discrete signal 20 db above the noise but considerable atmospheric discharges, however good understandability. Congratulations !
Italy	Rome	Giacomini Marco	Marco Giacomini	SDR- or Kiwi-SDR & local antenna	SDR PLAY DUO, ALA530 LN, SDR CONSOLE	SINPO 2-2-2-5-2	
Italy	Ruvo di Puglia (BA)	Pagliara Fabio	Fabio Pagliara	Radio receiver & local antenna	Mini-whip active antenna (3 meters above the roof) up-converter at 28.224MHz with input filter and Sangean ATS909 receiver.	Weak signal with a high level noise (man-made & natural) but still readable	
Italy	Marta	Renato	IK0OZK	Radio receiver & local antenna	Receiver Watkins & Johnson 8718-9, Antenna Loop 1mt Wellbrook ALA 1530 Lf	RST 337	Low signal and qsb, Video Reception: https://www.youtube.com/watch?v=B34Ck7q1tTQ
Italy	MADDALONI (Caserta)	CARADONNA DOMENICO	IK8ESU	SDR- or Kiwi-SDR & local antenna	ELAD FDM-S2 (DSR Italian receiver) + amplified loop home made	RST 322	"SAQ VVV VVV VVV VVV DE SAQ CQ CQ DE SAQ SAQ SAQ THI IS GRIMETON" "
Italy	Trabia	Michele	IW9HKP	SDR- or Kiwi-SDR & local antenna	PC + MINIWHP	RST 539	
Italy	Lograto (BS)	Lini Stefano	IU2FAQ	Radio receiver & local antenna	W&G SPM-15 + mini whip	RST449	Details, recording and decoded message are on my website: http://stefanolini.altervista.org/saq/jul2021/
Italy	Silea	Bernardino Carpenè	IZ3PWF	Radio receiver & local antenna	Antenna Ala 1530+; rx Elad S3, Perseus, Teletron TE704.	Nothing to do on 17.2 KHz! Not even a tiny signal! Only background noise... Probably no propagation: bad weather here.	
Italy	Lignano Sabbiadoro	Michele Bressan	IW3SMR	Radio receiver & local antenna	Elad Fdm Duo and multiband flr hf Eco R5	Excellent signal	
Japan	Yokohama	Bunji Yamamoto	JE1XHL	Web- or Kiwi-SDR & remote antenna	via http://websdr.ewi.utwente.nl:8901/	SINPO=34453	
Japan	Yokohama	Masahide Sato	Masahide Sato	Web- or Kiwi-SDR & remote antenna		RST599	
Japan	Yokohama-city	KAMBAYASHI HIDEO	JH3XCU	Radio receiver & local antenna	TS-590 + NE612A LF converter, Mini-Whip 15mH	Unheard	
Japan	Kitakyusyu	thom	Ji6SMB	Web- or Kiwi-SDR & remote antenna		SINPO 55555	
Japan	KOUHOKUKU YOKOHAMA	Mr. Naotake Kumagai	JA2EAB	Radio receiver & local antenna	Home made coil antenna +DC amplifier + VLF-HF Converter + ICOM IC-705RX	Unheard	I can sent you my rigs photo.
Japan	Takaoka City TOYAMA	Hidehiko Komachi	JA9MAT	Radio receiver & local antenna	RX: Perseus SDR, ANT: 20m Long Delta Loop with 20dB Preamp	Unheard	
Japan	Shunan-City, Yamaguchi	Chiaki Suetsugu	JA4GVT	YouTube Channel		YouTube Cannel	
Lithuania	Kaunas	Vitalis	LY3AY	Radio receiver & local antenna	Active whip antenna + superhet receiver (100 Hz IF filter)	RST485	
Lithuania	Kaunas	Stanaitis Viktoras	LY3GV	Radio receiver & local antenna	Homemade VLF regenerative receiver, homemade PA0RDT Mini-Whip active antenna	RST 588	https://youtu.be/Kt7pjhxSyc https://youtu.be/NHogKWPK_ik
Lithuania	Kaunas	Valentinas Kusvidas	LY1003SWL	SDR- or Kiwi-SDR & local antenna	First transmission was received using - active mini whip antenna + "SV1AFN 200 Mhz upconverter" + HackRF and AirSpy (SDR#) software. Second transmission was received using - active mini whip antenna + VLF receiver "Explorer E202" and HSDR software.	RST - 588	Morning transmission (Received with HackRF) - https://www.dropbox.com/s/nxmf5192uv2tufb/HackRf.mp4?dl=0 Second transmission (Received with E202) - https://www.dropbox.com/s/zn8gqrpselehoju/VLF%20Explorer%20E202.mp4?dl=0 The third video recording shows interesting delay between internet stream and original signal - https://www.dropbox.com/s/4pr8gnptykwqomg/Delay.mp4?dl=0
Netherlands	Middelburg	Herman Wolters	PA3ALX	Radio receiver & local antenna	Kenwood TS590SG antenna PA0RDT mini whip	RST 599	

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Netherlands	Groningen	Reneman, Martijn	PE1NQR	SDR- or Kiwi-SDR & local antenna	5,50 meter diameter 2 turns untuned loop. Audio equipment (professional balanced cable and microphone preamp). No preselection. standard computer audio, Speclab software.	10 dB above ambient noise	https://renemanm.home.xs4all.nl/2021SAQ/
Netherlands	Rotterdam	Heijsteeg	PA3KUS	Radio receiver & local antenna	Icom R8600 with PA0RDT mini whip	QSA/ QRK = 5	
Netherlands	Baarn	Tesser E.A.	PA2ET	SDR- or Kiwi-SDR & local antenna	RSPPPro2 + single turn aperiodic loop antenna	RST 469	
Netherlands	Zwaagdijk-West	Croese Marcelli	PD0MC	Radio receiver & local antenna	DATONG V.L.F. Converter + ICOM IC-7300 + 80Mtr. Long Wire	RST - 5 3 9	
Netherlands	Veldhoven	Henk Antonides	PA0GDZ	Radio receiver & local antenna	40 m longwire, VLF-converter, Yeasu ft857	358	
Netherlands	Emmen	Albert Bloeming	PA0ABE	Radio receiver & local antenna	Loop, 40wdg on 1meter diameter + preamp with 1 transistor. Convertor on 4MHz = RX = FRG-7700. Also on PC with SAQ.EXE program.	at 50dB over noise	
Netherlands	Veenendaal	Glenn Nanlohy	PA1GN	Radio receiver & local antenna	Icom IC-R8600 & MiniWhip	very weak lots of qrm here	
Netherlands	Ede	Hans Nijkamp	PD3KWS	Radio receiver & local antenna	YAESU FRG7700, Dipole antenna 8 meters High	RST 554	TNX for the day 73 Hans Nijkamp PD3KWS
Netherlands	Papendrecht	Frans Meyer	PA0FMC	Radio receiver & local antenna	ELK639 + PA0FRI-loop	RST 466	Morning transmission OK; in the afternoon RST 222, high QRM lightning coming. Thank you for the music hi
Netherlands	Arnhemuiden	Wijnand Mijnders	PA3HFJ	Radio receiver & local antenna	VLF converter with 10 MHz receiver and a active antenna (PA0RDT mini-whip)	599	
Netherlands	Reeuwijk	Ary Boender	Ary Boender	SDR- or Kiwi-SDR & local antenna	ELAD FDM-S3 + Wellbrook ALA1530 antenna	weak and noisy but good readable SINPO 24232	Message received: VVV VVV VVV DE SAQ SAQ SAQ CQ CQ CQ DE SAQ SAQ SAQ = THIS IS GRIMETON RADIO STATION/SAQ IN A TRANSMISSION USING THE ALEXANDERSON 200 KW ALTERNATOR ON 17.2 KHZ. - TODAY WE ARE CELEBRATING THE 25TH ANNIVERSARY OF THE FOUNDATION OF THE ALEXANDER ASSOCIATION AND NOMINATION OF THE GRIMETON RADIO STATION AS A NATIONAL LISTED BUILDING, ONE IMPORTANT STEP TOWARDS THE UNESCO WORLD HERITAGE LIST EIGHT YEARS LATER. = SIGNED: WORLD HERITAGE GRIMETON RADIO STATION AND THE ALEXANDER-GRIMETON VETERANRADIO VAENNER ASSOCIATION. = NB! FOR QSL INFO PLEASE READ OUR WEBSITE WWW.ALEXANDER.N.SE + DE SAQ SAQ SAQ SK
Netherlands	Oldenzaal	Marcel	PA9M	SDR- or Kiwi-SDR & local antenna	Airspy Plus : 2 times Mini whip both destroyed by heavy static, thunderstorm nearby. On 40m dipole nothing heard. But on WEB sdr Twente good sigs. 10 km from here.	Unheard	
Netherlands	Amstelveen	Jan	PA0085SWL	Radio receiver & local antenna	Perseus receiver with Bonito MiniWhip antenna	1st broadcast only heard the end of the broadcast on another antenna installed in haste. The 2nd broadcast went better with the Bonito MiniWhip antenna. Good luck with the broadcasts and see you next time.	
Netherlands	Arnhemuiden	Dan de Bruijn	PA1FZH	Radio receiver & local antenna	ICOM IC-705 + Funk Amateur converter + PA0RDT mini whip active antenna	599	Mobile shack: Landrover Defender
Netherlands	Zoetermeer	Wim van der Zwan	PA2AM	Radio receiver & local antenna	Icom IC-R8600, 160m dipole	Good Stable Signal but not strong , S3	
Netherlands	Amsterdam	Peter Eijlander	PA0PJE	Radio receiver & local antenna	Icom RX R-8600 Ant: MiniWhip at 6m AGL	599 + QRN	Audio recordings: https://eijlande.home.xs4all.nl/saq/20210704-0930saq.mp3 https://eijlande.home.xs4all.nl/saq/20210704-1330saq.mp3

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Netherlands	Edam	Fort bij Edam	PA6FBE / Peter	Radio receiver & local antenna	Murphy B41 LF/VLF receiver and 2x20m dipole with open line	549 + QRN	
Netherlands	Hoeven, Netherlands	Frank Thys	Frank Thys	SDR- or Kiwi-SDR & local antenna	Perseus and the Jaguar software - 300 meter beverage at 208°	RST 333 Despite the thunderstorm crackling, the Morse code was clearly audible vvv vvv vvv SAQ SAQ SAQ	https://youtu.be/a_HI_n38fBM
Netherlands	Sexbierum	Zonneveld, Rommert	pe1dcf	Radio receiver & local antenna	Receiver: Skanti R5001 Bandwidth: very narrow (200 Hz.) Antenna : wire ca. 38mtr. long at variable height. Morseinker: TNT model 1515 (write wheel and inkwheel replaced by feltpen)	loud and clear enough	Found on the connected oscilloscope spikes on the signal, which distorted the morse writing on the papertape. Lateron discovered that our washingmachine was running during both transmissios and possible caused the spikes. (collector motor) It is every time a nice challenge to receive and record your transmissions. Hopefully you continue with them for a long time.
Netherlands	Uden	Liedenbaum, Rene	PE0RL	SDR- or Kiwi-SDR & local antenna	Kiwi-SDR with Wellbrook ALA1530LN loop 6m above ground (16 m ASL), 747 km to SAQ.	44354	SAQ Grimeton -direct- on my good SDR http://gti.proxy.kiwisdr.com:8073/?f=17_20cwnz10 .
Netherlands	Hoek van Holland	Aad van der Kooij	PD0AK	Radio receiver & local antenna	Icom R8600, 160 m antenna PI4CC. laptop	3,3,5	
Netherlands	Heinenoord	Rob den Boer	swl NL 10018	Radio receiver & local antenna	Kenwood R 5000 + longwire 80 metres 10 mtrs up + homemade tuner	rst : 584. (qrn)	message : vvv de saq de saq de saq
Netherlands	Arnhemuiden	Robert Poortvliet	pa3geo	Radio receiver & local antenna	Yaesu ft 817 with a converter and a pa0rtd minwhip	RST 599	https://www.facebook.com/groups/878526462159291
Netherlands	Franeker	Wijbenga Peter	pe1cda	Radio receiver & local antenna	Telefunken ELK639, longwire 40 meter but not a good antenna match.	rst=1-2-2	I have to work on a better antenna, looking forward for the next SAQ transmission. trx to you all. 73.
Netherlands	Deventer	Nico van Rossen	PA0FEN	Radio receiver & local antenna	Kenwood TS 590s Down converter 4.017.2 KHz to 17.2 KHz antenne.	RST 569	
Netherlands	Vlaardingen	Barendrecht Huib	PA 3 DSJ	Radio receiver & local antenna	Icom ic 728 plus old elektuur (elektor) VLF convertor, 25 mtr long wire antenna	QRK 4 QSA 4 QRN 2	thanks for making the effort to put the alternator on air. 73.
Netherlands	Nieuwegein	Harm de Wit	PA3GDO	Radio receiver & local antenna		SINPO 24442	Thanks very much for your effort to keep the station alive.
Netherlands	Vlissingen	Cor van Soelen	PG0S	Radio receiver & local antenna	RX JRC NRD-515 - Antenna: Home brew active antenne (Design PE1ABR) 4 mtr. above the ground.	RST 455	Thanks a lot for your transmission.
Norway	Skien	Helgetveit Ottar	LA2AL	Radio receiver & local antenna	W&G SPM-3 SLM and 1m indoor tuned loop.	-71 dBm	
Norway	Tromsø	Brandoné, Olof	LA/SA7ZZZ Olof	Radio receiver & local antenna	SAQ-mottagaren	SINPO 34443 RST 445	Hälsningar från locator JP99LQ, det här gick ju bättre än väntat! skickar med en kort videosnutt som länk. 73 de LA/SA7ZZZ Olof. https://drive.google.com/file/d/1harIPAppIQqUIH0qZ_idRTbvHdQueCRr/view?usp=sharing
Norway	Molde	Knut Kolstad	LA2WRA Knut	Radio receiver & local antenna	RX Elecraft K3, VLF converter, ant.dipol 2X19,5m	KI 1KI14 var sendingen lesbar hele tiden. KI 11 hørte jeg sig, men ikke lesbart	Hørt kl. 11, men ikke lesbar. KI.14 lesbar hele tiden.
Norway	Bergen	Erlend Sommerfelt Ervik	LB6MI	SDR- or Kiwi-SDR & local antenna	sdplay rspdx and 1 meter long active reciving antenna	Not very audible, fidigi did somewhat unreliable decode	audio from sdruno, I did some mistakes like not checking that squelch was off. http://www.erlendervik.no/SDRuno_20210704_134008_17000HZ.wav 0-250 kHz recording of the spectrum http://www.erlendervik.no/SDRuno_20210704_121206Z_250kHz.wav Can reconstruct spectrum plots if needed. I tried switching between a STA 10 A/D/1.6-30 active antenna, and a diamond D3000N discone. Unclear what was the best antenna, used active antenna the most.
Norway	Laukvik	Martin Langteigen	LA5ZLA	Radio receiver & local antenna	Two axis Idealloop	599	
Poland	Braniewo	Andrzej Turkiewicz	SP2LNY	Radio receiver & local antenna	inverted L antenna V=15m H=35m, home made upconverter 10MHz (NE612), Yaesu transceiver FT-450D	RST 549, signal was nice and readability, no problem with QRM	QTH loc. JO94vi, mny tnx, vy 73

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Poland	CHELM	GRZEGORZ KIDAŁA	GRZEGORZ KIDAŁA	SDR- or Kiwi-SDR & local antenna	Mini whip antenna, RTL-SDR, Direct sampling	455	
Poland	Cupel	Pawel	SQ5TDP	SDR- or Kiwi-SDR & local antenna	sdrplay duo	RST 599	
Poland	Bytom	Daniel Sczendzina	HF9D	SDR- or Kiwi-SDR & local antenna	RTL-SDR + LW	RST 559	
Poland	Odrzywół	Przemysław Żołądek	Przemysław Żołądek	SDR- or Kiwi-SDR & local antenna	PA0RDT active whip antenna, 10m fiberglass pole, SDRPlay RSP1A receiver	RST 469 (1-st transmission), RST 589 (2-nd transmission)	1-st trasmission received with some trouble (static noises, moderate signal). During the 2-nd transmission signal much stronger (similar as observed last year). Slightly detuned during second transmission (17.18 kHz, slight frequency variations). Message transmission ended at 12:06 UTC but SAQ signal was hearable up to 12:25 UTC (tuning attempts, 17.1-17.3 kHz). Good luck with transmitter, all the best :)
Poland	Warszawa	Adam Wysocki	SP5GOF	Radio receiver & local antenna	A piece of wire tied to a tree, a sensitive voltage follower on LMP7721, an external (USB) sound card, Raspberry Pi 4 and vifrx-tools together with vtlivesgram	RST 338 for both transmissions	http://www.chmurka.net/r/vlf/saq-2021-07-04/
Poland	Przejazdowo	Jarek	Gdansk University of Technology	Radio receiver & local antenna	FT857+ frequency converter (NE612), 10m wire antenna.	RST 428 due to temporary aerial and QRM from nearby power grid	
Poland	Jeleśnia (JN99QQ)	Bania Janusz	SP9FZH / Yanus	Radio receiver & local antenna	Radio receiver VLF (homodyne) with the ferrite antenna - Home Made	RST 559	
Poland	Dabcze	Mariusz Jankowski	Sp3SY	Web- or Kiwi-SDR & remote antenna		RST 599	
Poland	Gdansk	Marcin Skora	SQ2BXI	Radio receiver & local antenna	RX: FRG-100, Converter: Palomar, Antenna: longwire 40m, home made 1:25 antenna transformer	RST 599 +QRN	
Poland	Katowice	Cieszkowski Aleksander	SP9ERY	Radio receiver & local antenna	Receiver FRG-7 by Yaesu, upconverter with 4 MHz crystal osc, ferrite antenna.	559 with some noise and QRM from the air.	My loc. JO90LF. I received all transmission at 11.00 writing message by hand. Great Thing !!!
Romania	Pitesti	Gheorghe Balan	YO7GYQ	Radio receiver & local antenna	Home made equipment : 14 MHz ssb receiver with CW audio filter + VLF converter, G5RV antenna.	RST 369+a lot of statics on 9 UTC transmission.	Many thanks and all the best for the entire team in Grimeton !
Russia	Nevel	Vadim Samorodov	UA1ZFG	SDR- or Kiwi-SDR & local antenna	RSP1A VOGD 160m vertical	RST 589	Many thanks for precerving Word History! Great Sweden! 73! https://yadi.sk/i/rptazQZrgnyjg https://yadi.sk/i/dboojSz3AMGywQ
Russia	Cherepovetc	Alexander Maevskiy	R6LDD/1	Radio receiver & local antenna	Magnetic loop 3x2.5 m. Amplifier OP27 SAQrx v0.98 SpectrumLab	RST 338 QRN	https://yadi.sk/i/2BPjuploJag5fg https://yadi.sk/i/-aWo8UptCNDhHA
Russia	Apsheronsk	Mikael Byhanow	Mikael Byhanow	Radio receiver & local antenna	Receiver - ISHIM-003, Antenna: h = 17 meters, l = 20 meters Coordinate: 44° 28' 2.3" N, 39° 44' 16.8" E	SINPO - 45444	https://drive.google.com/file/d/1r6h1NU1sMh3YxeQe1NY4c_SCq1LW70iG/vie w?usp=sharing
Russia	Kirov	Nikolay Khlyupin	RA4NAL	SDR- or Kiwi-SDR & local antenna	SDR reseiver RSP1A and MiniWheep antenna 7 meter above the ground level	RST 569	
Serbia	Letenka	Kormos Károly	YU7AE	Radio receiver & local antenna	Receiver is Yaesu FT817nd 350Hz CW filter, Datong VLF converter (28MHz IF), PA0RDT Miniwhip active antenna on 6m fishing pole.	Both time excellent reception, little high noise level, but signal was abt S8-S9	
Slovakia	Kosice	Adrian Tomecko	Adrian Tomecko	SDR- or Kiwi-SDR & local antenna	I heard broadcasting directly with the mini whip (PA0RDT) on the balcony and PC software (SM6LKM) "SAQ Panoramic VLF Receiver".	Transmission no. 1. / 9:00 UTC: RST 559, Good signal without interference. Transmission no. 2. / 12:00 UTC: RST 559, Good signal without interference.	https://youtu.be/HpHusS80Rbo https://youtu.be/j2ozzsYK2qc
Slovenia	Bohinjska Bistrica	Rozman David	S51DA	SDR- or Kiwi-SDR & local antenna	SAQrx V0.98 and Mini-Whip Antenna	RST 579	
Slovenia	Kranj	Matjaz Zibert	S59MZ	SDR- or Kiwi-SDR & local antenna	MiniWhip Antenna on a 10m fishing pole + FlyDog-SDR Receiver with Kiwi-SDR Software	SNR: 17 dB	https://twitter.com/S59MZ/status/1411620396533784579
Slovenia	Novo Mesto	Roman Hocevar	S52AS	Radio receiver & local antenna		RST 599	Tnx GL 73

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Spain	Palau-solita i Plegamans	JOSE MAGI PARES	EA3JAA	Radio receiver & local antenna	Rohde & Schwarz ESH-3 receiver with HFH2-Z2 active loop antenna	Excellent reception today morning 48 dB/Microvolt	Second transmission 14h00 was little beter with peaks over 52 db microVolt
Spain	Valdetorres de Jarama	Fernando R Arroyo	EA4BB	Radio receiver & local antenna	Receiver Rohde & Schwarz ESH-3, antenna Rohde Schwarz HFH Z2E active loop	SINPO 34433	I was thrilled to hear Grimeton from here. Thanks fo the transmission and for keeping that historic station alive and kicking! Here is a short video: https://youtu.be/IZkCQgrh-rl
Spain	TRES CANTOS MADR	JESUS Bartolomé PRESMANES	JESUS Bartolomé PRESMANES	SDR- or Kiwi-SDR & local antenna	Cloud I/Q & VS Siemens D2155, Antenna loop 3.3 m^2	RST 569	static QRN2, QRG 17180 Hz
Spain	Naron	Padin Manuel	EA1EXV	Radio receiver & local antenna	Perseus sdr and preamplifier Loop antenna.	RST 569 at 9 utc - RST 579 at 12 utc.	One more year thanks for the activation. 73s.
Spain	Marbella	Juan Jose Romo	JUAN Jose ROMO	Radio receiver & local antenna	Sony ICF-SW7600 GR receiver. VLF / HF converter. Magnetic antenna vlf 75 cm. preamplifier. interface and decoding android program CWExpert.	SINP- 45554	https://m.facebook.com/story.php?story_fbid=4106228926136425&id=100002480739121
Spain	Ourense	Javier Fitera	EA1HBX	Radio receiver & local antenna	Homebrew analog receivers (3)	43544	https://youtu.be/5QnOEGqZ1DM
Spain	Córdoba	Juan Luis Vilches Conde	EA7HHS	SDR- or Kiwi-SDR & local antenna	SDR Perseus and exterior Eprove Antenna.	SINPO 33443	https://youtu.be/XGF6p-M4OWY https://youtu.be/FeFsEzDBY3M One more year, the SAQ broadcast is a great event that unites us with radio listening friends. Congratulations, thank you very much and until next Christmas. Warm greetings from Córdoba. EA7HHS
Spain	GALLINERS	FRANCESC SIBILA MAÑACH	EA3AER/MM	Radio receiver & local antenna	Software SAQRx and miniwhip antenna onboard tug boat on Port of Barcelona	-70dB	This time the transmission has coincided with my guard at work. So not with much hope I have mounted a miniwhip on the railing of the tugboat and with the sound card and the SAQRx software I have managed to receive your signal with amazement. Weak but intelligible, considering my conditions it has been a success. I hope to be at home next time and be able to repeat with my receivers. regards https://www.instagram.com/p/CQ6mBKJx14/?utm_medium=copy_link
Sweden	Klägerup	Johnny Hansson	Johnny Hansson	Radio receiver & local antenna	Mottagare byggsats från Grimeton designed by Arne Siko	Very god	
Sweden	Fjärås	Anders Larsson	SA6GAS	Radio receiver & local antenna	Siko radio receiver	599 Clear and distinct signal	reception conditions were difficult but the signal still reached me
Sweden	Kinna	Gunnar Ivarsson	SM6BGP	Radio receiver & local antenna	Icom IC-7300 + converter connected to my Marcony antenna.	RST 599 +30 dB	Happy to hear today's transmission, keep up the good work with the old lady!!!
Sweden	Jämjö	Johnny Apell	SM7UCZ	Radio receiver & local antenna	PA0RDT Miniwhip + SRT 304 A	RST 589	Thanks for starting the old lady
Sweden	KUNGSBACKA	LARS KALLAND	SM6NM	Radio receiver & local antenna	SIKÖ RECEIVER	QSA 4 QRK 5	GOOD SHOW !!
Sweden	Kungabacka	Bengt Madeberg	SM6MUY	SDR- or Kiwi-SDR & local antenna	SDRPlay RSPdx, 190m Beverage antenna QTF 320 deg	S9+40 dB (Noise level S5)	Audio file: https://www.dropbox.com/s/i9ud682hdzjogd/04-Jul-2021%2008h59m20sZ%2C%2017.200%20kHz%2C%20CW-U.mp3?dl=0
Sweden	Hällefors	Ulf Bjarke	SM0FKI	Web- or Kiwi-SDR & remote antenna		549	Weaker than normal
Sweden	Kramfors	Per Tjernlund	SM3WHL	Radio receiver & local antenna	Racal RA1772	RST579	Tack för att ni håller igång
Sweden	Västervik	Lars Palmén	SM7FHO	Radio receiver & local antenna	80 m loop antenna, Datong VLF-converter, Elecraft K3 TRX	QRK 5, QSA 5	
Sweden	Stockholm, Kista	Tonny Olsson	SA0CLO	Radio receiver & local antenna	SDRSharp on PC-soundcard with a miniwhip antenna to microphone input	RST 579	
Sweden	Svartsjö	Tomas Axelsson	smoiwp	Radio receiver & local antenna	RX: wj340 Ant: 80 meters dipol	599	
Sweden	Dalsjöfors	Jens Ståhl	SA6NTM	Radio receiver & local antenna	USB soundcard with SAQRx, 20m dipole.	11:00 - 599, 14:00 - 599	
Sweden	Uppsala	Mikael Fredriksson	SM5SYO	Web- or Kiwi-SDR & remote antenna	Listened through U of Twente public web SDR in Enschede, the Netherlands.	599 + heavy lightning QRN	

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Sweden	Strängnäs	Andersson Rune	Dalbyrune	Radio receiver & local antenna	Grimeton special, Arne Sikö	Ganska bra rätt mycket störningar	
Sweden	Bollnaes	Nils-Göran Nilsson	SM3MRS	Radio receiver & local antenna	Vertical antenna for 160 meters, converted to 4.0172 Mhz, amateur receiver with narrow CW filter	RST 559	Member 1121. Reception was best 12.00 UTC
Sweden	Hisings Kärra	Andresen Bertel	SM6OES	SDR- or Kiwi-SDR & local antenna	SDRPlay RSPdx receiver and PA0RDT Mini-Whip antenna	RST 589	
Sweden	Smålandsstenar	Jürgen Urbig	DL4JWU Jürgen	Radio receiver & local antenna	Direct Mixer with small loop antenna.	599	I was on Holiday in Sweden and used the opportunity listening to SAQ over short distance. Thanks for your excellent work. I will listen again next time.
Sweden	Huddinge	Roland Nyman	SM0BRF	SDR- or Kiwi-SDR & local antenna	RSPduo SDR. 185 m SW Beverage and a PA0RDT MiniWhip	20 dBs over noise on Beverage. 10 dBs over noise on MiniWhip.	
Sweden	Halmstad	Mats Persson	----	Radio receiver & local antenna	SDRplay-Rspdx Albrecht Scannerantenn Multipsk decoder software	SINPO 45454	Hej. Mats Persson här. Är medlem i föreningen med nr 663. Tack för utsändningen . Använde en SDRplay-rspdx för mottagning och av alla antenner här så fungerade en vanlig Albrecht Eurostick Scannerantenn bäst. Har inga kunskaper i morse men kodade av meddelandet med Multipsk så det blev som följer: VVV DEAQ SAQ SAQ VV VVV VVV DE SAQ SAQSAQ VV VVVVV DEAAQSAQ VV VVVVV DE SAQ SAQSAQ VV VVV VVV DE SAQ SAQSAQVV VVVVV DESAQ EE AEET CQ DEAAQSAQ =THISIS GRIMETON FADIOSTATION/SAQNRANSMISSION ASINGHE ULEXANDERSON MESFIATOEIOEDOAY LELEBRATING THE 5THANNIVERSARY E TEEOUNATONF THLEXANDER SSOCIATION NDOMINATION OFTHE GRIMETON ADIOHTATIONS ATIONALISTEDUILDING, ONE MORTANTTEPTOWARDSTHE NESCO ORLD HERITAGE ZST IGH T EARS ATER. = I GNED:WORLD HERITAGE GRIMETONADIOSTATNDHELEXANDER-RIMETNETEANRADIO S AENNER SSOCIATION= BOR QSL NFO LEASE EAD OUR EBSITE:WW.ALEXANDER.N. SE EAQ AQ AQ SK Lite missar här och där beroende på störningar, bakgrundsbrus och lite drivande frekvens som gör avkodning svårare. /Mats Persson
Sweden	Östra Ryd	Jan Bratt	SM5FGQ	Radio receiver & local antenna	SDR IQ and PA0RDT active antenna	ca 12db s/n	
Sweden	Väsjöbacken, Sollentuna	Rabbe Fogelholm	Rabbe Fogelholm	SDR- or Kiwi-SDR & local antenna	30 m longwire antenna, Windows 10 laptop, HDSDR 2.81 beta 3	RST 469	The 12:00 UTC transmission was received loud and clear. The frequency appears to have been slightly low, on average 17183 Hz. Recorded results (VLF signal, audible SDR output) are here: https://privat.bahnhof.se/wb748077/radio/vlf/saq/2021-07-04/se-sollentuna/
Sweden	Trollhättan	Morgan Ugglå	SM6OID	Radio receiver & local antenna	RFT EKD500 + 5 m wire on the floor	Strong signals	
Sweden	Landvetter	Hans Ekerås	SM6FDF	Radio receiver & local antenna	Hobby kit and coil antenna	RST 559 This year 2021 weak signal and QRN	Thank you for keeping the old transmitter running !
Sweden	Grimeton	Berglund Per	Berglund Per	Radio receiver & local antenna	Sikö/Execubic SAQ receiver and loop antenna	Very strong and clear (for obvious reasons)	
Sweden	ENSKEDE	Karl-Arne Markström	SM0AOM	Radio receiver & local antenna	Antenna Rohde&Schwarz HFH-2-Z2 active loop, receivers SRT CR91 (first transmission) and R&S ESH3 (second transmission), BW 300 Hz and 200 Hz.	QSA 3 QRK 3 12-15 dB above ambient noise	
Sweden	Staffanstorps	Hans Nilsson	Hans Nilsson	Radio receiver & local antenna	Home made converter and ICOM R71E and the SAQ receiver	Good	
Sweden	Motala	Morgan Lorin	SM5BVV	Radio receiver & local antenna	CR91 - loop-antenna and ICOM 703, up-converter - MiniWhip antenna	56 local QRM	
Sweden	Gothenburg	Lars-Olof Ternström	SA6LOT	Radio receiver & local antenna	Perseus SDR receiver, ALA1530 Loop antenna	RST599	Very nice Youtube presentation

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
Sweden	Västerås	Bo Lenander	SM5CJW/1	Radio receiver & local antenna	Cave direction finding receiver for 32 kHz with a special 17,2 kHz (SAQ) setting. Antenna is a 500 x500 mm square magnetic loop. 8 MHz IF band with is 400 Hz.	RST 599 ++	Reception heard from the shore, JO97ER 13 km N Visby on island of Gotland in Baltic sea.
Switzerland	Comano	Canavesi Stefano	Canavesi Stefano	Radio receiver & local antenna	1921 Colin B. Kennedy Universal Receiver & Chirio mini-whip antenna	Perfect reception	
Switzerland	Winterthur, Switzerland	Thomas Gull	HE9TGW	SDR- or Kiwi-SDR & local antenna	Receiver: SDR Play SDR duo; Antenna: Loop-Antenna selfmade, Positioned on Field	SINPO: 44444.	
Switzerland	Itingen	Bernhard Arn	HB3YUE	Radio receiver & local antenna		Unheard	
Switzerland	St. Gallen	Török Béla	HB9HEY	SDR- or Kiwi-SDR & local antenna	Magnetic loop antenna and Airspy HF+ Discovery SDR with SDR Console software	Between RST 565 and unreadable due to fading, readable at 14:04 and 14:17 CET	
Switzerland	Rivera - Monteceneri	Sulmoni Enrico	HB9MQH -- HE9GDF	Radio receiver & local antenna	WANDEL & GOLTERMANN SPM-15 ----- Home Made MINI WHIP antenna	R4 S6 T6 SEND 13.30 17.175 kHz	
Switzerland	Geneva	Eric	HB9EOY	Radio receiver & local antenna	Your receiver kit	RST: 325	Thunderstorm In North of France, Sverige, !
Switzerland	Oron-le-Châtel	Iacopo Giangrandi	HB9DUL	Radio receiver & local antenna	45m long wire, TS870 and 5MHz up-converter	599	Well done guys, keep it up!
Switzerland	Schliern	Rohrer Heinz	HB9PRH	SDR- or Kiwi-SDR & local antenna	Mini-Vip Antenna	332	The fist transmission was better.
Switzerland	Zuchwil	Alexander Küffer	HE9EFY	SDR- or Kiwi-SDR & local antenna	SDR Perseus Transm. 1 Longwire Transm. 2 Ferritantenne	Transmission 1 RST 559 Transmission 2 RST 599+	Thanks you for the Transmission . Vy 73 HE9EFY Alexander
Switzerland	Le Grand-Saconnex	Bjorn Hallgren	Bjorn Hallgren	SDR- or Kiwi-SDR & local antenna	Shielded 40 cm magnetic loop antenna (Klaus Betke) and 20 dB differential amplifier with high common mode rejection and AIRSPY HF+ with SDRSharp software.	+ 10 dB with impulse noise but readable for a skilled operator.	Next time I should find quite place in the country side and get a larger diameter antenna.
Switzerland	Seseglio	Gianluigi	HE9ZKC	SDR- or Kiwi-SDR & local antenna	RX: SDR ELAD FDM-S2 & SDRPLAY RSP DUO Antenna: Longwire 30m	RST 446	The listening frequency with both receivers was 17,180 kHz
Switzerland	Zielebach	Martin Leuenbrger	HB9BI	SDR- or Kiwi-SDR & local antenna	Wire Loop ower suitcase. Kiwi SDR lokal use with Batterie	535	HB9BI Kontest Group Operator's HB9RLM HB9GBD HB9FMB HB9SKW HB9TBK
Switzerland	Zug	Jérôme Turnell	Jérôme Turnell	Radio receiver & local antenna	9 UTC: JRC NRD-525G & 5m Active Loop Antenna 12 UTC: Perseus SDR & 5m Active Loop Antenna	S/N of max. 25dB - good readable signal	9 UTC: strong signal but a lot of adjacent QRM (man made noise) & statics noise 12 UTC: strong signal with less adjacent QRM (man made noise) & static noise
Switzerland	Bischofszell	Patrick Oberholzer	HB9FUE	Radio receiver & local antenna	NRD535D G5RV	4333	
Ukraine	Mirne/Ukraine	Alexander Sidorov	US-Q-28	Web- or Kiwi-SDR & remote antenna		SINPO - 35433	
Ukraine	Zaporijja	Kostiantyn Pravotorov	Kostiantyn Pravotorov	SDR- or Kiwi-SDR & local antenna	KiwiSDR Grötö, Sweden 80 m dipol antenna	SINPO 55455	Received at July 04 2021 from 08:45 till 09:07 UTC on 17,2 khz cw, SAQ Signal by SINPO 55455, in my email to you, I enclosed audio files. Please send me your QSL-card.
Ukraine	Kherson	Chernenko Denys	Chernenko Denys	SDR- or Kiwi-SDR & local antenna	Single turn 60cm indoor loop + 1:100 matching transformer + single 2n2222 transistor preamp connected to PC sound card.	Not strong, but possible to pick-up signal between QRM	https://a.radikal.ru/a09/2107/bb/afc5ba638471.png
Ukraine	Melitopol	Borovikov Maxim	Borovikov Maxim	Web- or Kiwi-SDR & remote antenna		SINPO 45534	https://soundcloud.com/mounsund/09-00-06z-1720
Ukraine	Gorlovka	Eugen Kulakov	US3IRX	SDR- or Kiwi-SDR & local antenna	PC sound-card and vertical active dipole "Shwabra" by dr. Hajo Lochny	RST 459	
United Kingdom	Thatcham	Julian Rolfe	G4UET	Radio receiver & local antenna	RSP Duo Home Brew Loop + Low Noise Amplifier	579	
United Kingdom	BLACKWOOD	Evans Rob	MW0CVT	Radio receiver & local antenna	Icom IC-R8600 with a long wire antenna	RST 529	My report is for the 0900UTC transmission.
United Kingdom	Biggleswade	Jim Cowburn	G7NKS	Radio receiver & local antenna	Winrad into Dell D620 via Inverted L	599	

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
United Kingdom	Bristol	Roger Parry	Roger Parry	SDR- or Kiwi-SDR & local antenna	My own local KiwiSDR and YouLoop	539 (25dB above local noise floor)	
United Kingdom	Leeds	Jorge Jaroslavsky	M0LDW	SDR- or Kiwi-SDR & local antenna	SDR Play RSP1A - DIY miniwhip	529	
United Kingdom	Bordon	Smyth Martin	M0MGA	SDR- or Kiwi-SDR & local antenna	Perseus and Wellbrook Loop	5/9	Heard by many VMARS members too
United Kingdom	St Bees	Alex Hill	g7kse	SDR- or Kiwi-SDR & local antenna	Airspy HF Discovery+ with Mini Whip into Ubuntu 21.04 with GQRX	559	https://g7kse.co.uk/saq-grimeton/ - Image is from this year. video from last year 73 de g7kse
United Kingdom	Woodbridge	David Bones	G4RSD	Radio receiver & local antenna	Kenwood TS830S plus downconverter using 3.5Mhz IF. PA0RDT active antenna	588	https://twitter.com/Amplifierrepair/status/1411615737492475908
United Kingdom	Lincolnshire	John Brocklebank	M0BIC	Radio receiver & local antenna	Racal RA17 MkII, Racal RA37 VLF Converter, home-brew loop antenna	RST 579	Congratulations on another successful transmission. All your hard work is much appreciated around the world. Wonderful piece of history and a real pleasure to hear on the air. Thank you all. 73
United Kingdom	Stockton on Tees	Charles Howells	G4DXP	Radio receiver & local antenna	Frame antenna, Datong VLF converter, ICOM 7300	RST 539 Very little static.	
United Kingdom	London	Peter Rowley	Peter Rowley	SDR- or Kiwi-SDR & local antenna	Perseus SDR fed by Wellbrook ALA1530LN active loop antenna mounted about 10 metres above ground in a loft	20dB above local noise level in 100Hz bandwidth	
United Kingdom	Weeting	Robert Broughton	M6GLD	Radio receiver & local antenna	100 foot longwire at 20 feet, Datong VLF converter (1986) to Racal PRC-320 (1983) with an intermediate frequency of 28 mhz.	RST 569, very pleasant copy.	
United Kingdom	Leeds	Graham Firth	G3MFJ	Radio receiver & local antenna	28MHz RX + Datong VLF converter	RST 5 5 9	
United Kingdom	Filey	David Mappin	G4EDR	SDR- or Kiwi-SDR & local antenna	SDRPlay RSPDX, Wellbrook ALA-1530 loop at 1metre above ground.	RST 529 at 0900 UTC	
United Kingdom	Leeds	David Pratt	G4DMP	Radio receiver & local antenna	Datong design VLF converter - Elecraft KX3 transceiver	RST 599	Thank you again for two excellent transmissions. Reception excellent. Keep up your great work.
United Kingdom	TRURO 50N 005W	G4ETQ	G4ETQ	Radio receiver & local antenna	Doublet strapped as Marconi T antenna with counterpoise , LF converter , TS-590SG .	QSA5 QRA5 good signals on 9am GMT transmission. Same report at 1200 GMT. Well done team .	Very pleased to hear SAQ again on the 4th July 2021.
United Kingdom	Glenrothes, Fife	Newton Peter	GM0EZR	Radio receiver & local antenna	MiniWhip Active Antenna, Spectrum Lab's software	Good reception, 20db above noise	png image of transmission https://www.facebook.com/photo/?fbid=946838869219905&set=gm.1494489594226684
United Kingdom	COLWYN BAY	Lucien Wilder	GW4SYI	SDR- or Kiwi-SDR & local antenna	1st transmission RTL-SDR with upconverter to 10MHz, SDR sharp software and inverted-L antenna, 2nd transmission - PC soundcard only and spectrum lab software with the same antenna	1st transmission RST 318 , 2nd transmission RST 449	The signal this year was much stronger than last year when I used an upconverter into an IC-730 and a ground probe antenna.
United Kingdom	GUILDFORD	PORTER, Malcolm	G4TJK	SDR- or Kiwi-SDR & local antenna	SDRPlay DX. SDRUno software, Wellbrook Magnetic Loop ant.	579	Audio recording available.
United Kingdom	Hertford Heath, UK	Ken Hattersley	Ken Hattersley	Radio receiver & local antenna	Wire antenna = 30 metres long, on a north south axis, ~2-3m above ground, into surge protection box. Decoder - SAQRX 094, running on WindowsXP laptop, battery powered (too noisy with PSU connected). +33db Audio gain. Mic input grounded to house water pipe.	R=4; S=6; T=7	This is from the afternoon session. From the laptop screen, RF appears 10-15 dB above noise floor. Recovered audio ~10 dB above floor. Weather dry, cloudy, Barometric Pressure = 1007hPa.
United Kingdom	Oxford	John Graham	RS86946	Radio receiver & local antenna	Hagenuk RX1001M receiver, Wellbrook LFL1010 active loop antenna	+50dBuV, 12dB S/N	Weaker signal than usual: 12dB S/N ratio for both transmissions
United Kingdom	Eastbourne	Ian Harling	G7HFS	Radio receiver & local antenna	Yaesu FT-817 With Datong VLF converter and 1 mtr whip antenna.	RST 599	
United Kingdom	LUTON	Ken Wright	M0KHW	Radio receiver & local antenna	W&G SPM12 Level Measuring Set, Doublet Antenna @ 8m	-70dBm	Nice clean signal
United Kingdom	Manchester	Paul CAMPBELL	M7MVF	SDR- or Kiwi-SDR & local antenna	RSP DX with 40m Antenna	S7 25db above noise 579	https://youtu.be/4N7aTh9rlQ

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
United Kingdom	Dartmouth	JOHN, David	G3WCB	Radio receiver & local antenna	50cm square tuned loop. Tuned preamp using J310 FET. W&G SPM-30. Backup receive channel Earth Probe antenna, Datong VLF converter and IC7300.	RST 579. 29dB above the noise floor. Heavy static QRN on the 1200 UTC transmission.	The YouTube livestream was excellent. Compliments to Fredrik and Anders for the demonstration and commentary.
United Kingdom	Ross on Wye	Richard Tofts	M0HNK	Radio receiver & local antenna	Homebrewed upconverter, Elecraft KX2 and long wire (ca 20m) antenna in inverted V arrangement with max height 8m.	QSB and static crashes. Very poor and broken reception (morning transmission), afternoon startup was very clear (RST 579) but transmission itself deteriorated to 439.	Please keep up the good work!
United Kingdom	Lowestoft	Carl Langley	G3XGK	Radio receiver & local antenna	Drake TR7 +500Hz filter +80M doublet strapped as a Marconi.	RST 348 + SMPS QRM	Lots of local SMPS noise + harmonics on VLF now. mni tks for running SAQ TX.
United Kingdom	Hawarden	Clive Carver	Clive S Carver GW4EYO	Radio receiver & local antenna	RF-Space SDR-IQ Receiver, with SpectraVue software together with PA0RDT antenna	QSA4 QRK5	Above refers to 12.00UTC transmission. Indicated signal strength -56dB the same as previous Alexanderson Day reports.
United Kingdom	Hartsop	Gray, Steve	G4VRR	Radio receiver & local antenna	PA0RDT miniwhip on 5 meter fishing pole. Nine meters of RG316. Datong up-converter. Triple cascaded 77, 43 and 31 mix chokes. Elecraft KX3. BHI Compact InLine Filter. Hard-wired Bose "SoundLink Mini" loudspeaker. All running on off-grid battery power.	QSA5 QRK5. Very slight frequency drift but remaining in audio passband, and extremely slight and intermittent "chirp".	Note that Elecraft KX3 is technically an SDR but I've recircled it as a radio receiver. 09-00 UTC transmission. An excellent reception devoid of QRN. Location in a deep valley at about 150 Metres ASL with in excess of a 300 metres skyline in three directions, and no clear view down the valley to the north. Surrounding countryside is in excess of 1000 metres ASL. N. 54° 30' 37.8" W 2° 54' 59.3" https://postimg.cc/N5q0WPLk
United Kingdom	BUXTON	Nick Rank	Nick Rank	Radio receiver & local antenna	My usual home-brew (battery operated) portable receiver covering 14-26kHz using a ferrite rod aerial.	SIO 343	First heard SAQ at 0843UTC, with bursts of carrier. This was soon followed by the usual IDs "V V V V V V V V V DE SAQ SAQ SAQ". The message ran from 0900 - 0906UTC After many years of listening to SAQ, it is always great to hear your signal coming through. Thanks to all involved.
United Kingdom	Warrington	Higgins William	William Higgins	SDR- or Kiwi-SDR & local antenna	SDRPlay RSP1a with SDRUno software and 25m long wire.	-110dBm Signal, about 10dB above noise floor, weak but still able to copy.	12.00 UTC transmission. Used a 25m long wire antenna without ATU. Will try an active loop next time.
United Kingdom	Chesham	MR RUPERT BULLOCK	G4XRV	Radio receiver & local antenna	Elad FDM-Duo + Wellbrook ALA1530LF	RST 559	I listened to the morning transmission today which was received here with good signal levels. Lovely to hear SAQ again and the Youtube commentary during the pre-broadcast half hour was most interesting and informative. Excellent. Thank you all.
United Kingdom	Liverpool	Barry King	2E0HEK	SDR- or Kiwi-SDR & local antenna	DIY active antenna with active element of approx 30cm of copper pipe, on 6m pvc mast. Behringer USB audio interface. SAQrx SDR software.	Easily copied. Very distinct. Approx 30db over the noise floor. 579,	Video, pictures and audio available if you want it. Reception values are guesses and I am not a cw guy! Recording was easily decoded from morse to ASCII using multimom-ng.
United Kingdom	Halkyn, North Wales	Vic Winton	GW4JUN	Radio receiver & local antenna	Homebrew VLF converter & Elecraft K2 with homebrew resonant speaker for cw. Antenna long wire approx 150 feet long, 20 feet above ground.	08.45 -09.20 UTC 4th July 2021: RST 589 Solid (& very stable) signal throughout the tune up & greetings message.	Signal more stable than I remember in some previous transmissions :-) Disappointed I was not able to listen to the second transmission but the first one was excellent and very exciting . I loved the You Tube live feed ! It is great to see this superb machine still in operation . Congratulations to the volunteers. I hope to visit the old lady some day. 73 Vic GW4JUN
United Kingdom	Isle of Barra	Richard Hall	GM0OGN	Radio receiver & local antenna	JRC NRD-515 and homebrew converter + vertical multi-band antenna	RST 569	First transmission. Very steady signal, great to hear you again!
United Kingdom	Malvern	Mark Tooby	Mark Tooby	Radio receiver & local antenna	Wellbrook loop antenna & R&S ESHS 10 measurement receiver	10dB Signal to Noise ratio in 200 Hz bandwidth	
United Kingdom	SHREWSBURY	Pat McAlister	G3YFK	Radio receiver & local antenna	1935 Model Siemens Brothers London SB173A Marine TRF Receiver with 33m Long Wire Antenna	Good readable peaking -105dBm	All copied OK. Many thanks for the transmission, much appreciated and very interesting to hear on the old receiver.
United Kingdom	Rochester	Ben CLARE	2E0KEB	SDR- or Kiwi-SDR & local antenna	RSPdx and SDRUno with 100 metre random wire around 4 metres above the ground.	I heard the 09:00UTC transmission which was strongest around 17.18kHz. SINPO: 33454	I made a brief recording of part of the transmission: https://youtu.be/tM7B19rQ9kI

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
United Kingdom	DRONFIELD	Don Redhead	G4KXW, Don	Radio receiver & local antenna	Receiver: Alinco DX70TH, Datong VLF Converter-IF 28 MHz. W9GR DSP Filter. Antenna: Low Quarter wave for 160m. very bent.	RST 599	Thank you for another excellent, steady, strong signal. Both transmissions fully copied, no fading but a lot of local storm noise this year. Well done everyone! 73 to all, Don G4KXW
United Kingdom	Strensall, YORK	Robson, David	Robson, David	SDR- or Kiwi-SDR & local antenna	Airspy HF+ SDR and Wellbrook LFL1010 loop antenna	RST599	Excellent reception, as in previous years. See screenshot: https://www.dropbox.com/s/0ddxkxwpt8sf64d/SAQ%20Warm%20Up%202021-07-04-1145z.jpg?dl=0
United Kingdom	Everdon	Colin Anderson	G4TBN	Radio receiver & local antenna	Yaesu FT-857D+LF Converter+50M Long Wire antenna	589	Good Signals received during First Transmission.
United Kingdom	Weymouth	Michael Murphy	G0LQI Mike	SDR- or Kiwi-SDR & local antenna	SDRPlay RSP1A with SDR Console. Antenna 30m doublet as Marconi "T"	559	
United Kingdom	North Baddesley	John McCarthy	G7JTT	Radio receiver & local antenna	Home built E Field with a "Ham it up Plus" and Yaesu FT897 with SDR Console. I was at work so streamed SDR Console to the BATC so I could watch so was unable to adjust SDR Console to peak on your signal.	25 to 30db above the noise with some QSB	https://youtu.be/qFVQ0J-CgU0
United Kingdom	Bramley	Robert Kerswill	M0KER	Radio receiver & local antenna	Op-Amp pre amp, loop antenna, Spectrumlab	RST 578 QRN-QSB 24db S/N	
United Kingdom	Whitworth	Alan Gale	G4TMV	SDR- or Kiwi-SDR & local antenna	Airspy HF+ Discovery, CCW Loop Antenna	549	
United Kingdom	Southampton	Gwyn Griffiths	G3ZIL	SDR- or Kiwi-SDR & local antenna	Kiwi SDR with an active vertical dipole with two 1 m elements at 6 m off the ground. Noise level -130 dBm in 1 Hz.	10 dB above noise in a 200 Hz band	
United Kingdom	Stuartfield Peterhead	James Butler	GM3ZMA	Radio receiver & local antenna	Wire antenna 30m long, home made VLF to 10MHz converter, Elecraft K2 receiver	RST 569	
United Kingdom	Feltham	John Leach	G7OXX	SDR- or Kiwi-SDR & local antenna	SDR Play SDR Uno software Inverted L antenna	574	
United Kingdom	Oakham	Gerald Stancey	G3MCK	Radio receiver & local antenna	Home made up-converter to 10 MHz and 30m wire	QSA4, QRK5	Thank you for keeping this wonderful machine active
United Kingdom	Holme-on-Spalding Moor	Andrew Brade	M0XBR	SDR- or Kiwi-SDR & local antenna	Perseus hardware, 300m beverage, Jaguar SDR.	RST 569	Copied all the message in good order.
United Kingdom	Hampton	Juan J de Onate	M0WWA	SDR- or Kiwi-SDR & local antenna	Long Wire, VLF-LF Up Converter, FlexRadio 1500, PowerSDR software	5-7-9	(Video clip including relevant information) https://youtu.be/T-Cx7n5NYeQ
United Kingdom	Cardiff	Dee Bravo	Dee Bravo	SDR- or Kiwi-SDR & local antenna	Red Pitaya, short wire antenna with pre-amp	20dB above noise	
United Kingdom	Bristol	Mason, Phil	M0PHN	Radio receiver & local antenna	~22 m random wire antenna with 9:1 unun 10 MHz G3XBM up-converter (home-made) FT-450D receiver on 10017.2 MHz	579	
United Kingdom	Molesey	Guy Fernando	M0OOX	SDR- or Kiwi-SDR & local antenna	PC SDR Software. 30 metre antenna into soundcard 192kHz	RST:4-8, +20dB above noise floor	
United Kingdom	Greenwich	Robin Davies	G7VKQ	SDR- or Kiwi-SDR & local antenna	Airspy HF+ and YouLoop antenna (located inside the house, on on upper floor)	579	Only managed to receive 2nd transmission due to PC issues. Transmission seemed to be slightly low in frequency (at around 17.18kHz), with a very slight drift. Video of transmission can be found at https://youtu.be/s5osaSJnBc
United Kingdom	Dogdyke	Richard Knight	Dogdyke Pumping Station	SDR- or Kiwi-SDR & local antenna	Miniwhip Antenna feeding laptop sound card running SDR Sharp	RST = 5-8-9	Excellent signal today, no interference whatsoever! Alexanderson Day coincided with one of our opening days at the steam pumping station so I thought it would be a good idea to set up a little demonstration for our visitors! What a day for historical machines! https://www.flickr.com/photos/fleetwoodk/albums/72157719642559210
United Kingdom	Newton Abbot	Colin John Coker	G4FCN	Radio receiver & local antenna	Spectrum Communications VLF converter (10MHz IF) / Icom IC7300 / Antenna 80m Half Trap Dipole	20db above noise	

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
United Kingdom	NORMANTON	Andrzej Jan Szczypciak	SP7UDO	SDR- or Kiwi-SDR & local antenna	Antenna homebrew coil twisted 40turns 4core telephone 2pair around cart board as carcass in resonance with added capacitor circa 10-40kHz impedance 1kΩ connected to Hi Z SDR DUO input.	534 16dBBS/N indication on sdrduo with just loaded new software dedicated to Sdrplay receivers	16dB Sinad ratio in peak with 150Hz or less filter broadband. I documented by video record reception of signal and published it via twitter account @Sp7udo_as
United Kingdom	Norfolk	John Orton	G8CHP	Radio receiver & local antenna	A tuned 100 turn loop and home built direct conversion receiver.		Look forward to the next!
United Kingdom	Reading	Keith Beverstock	G3YZZ	SDR- or Kiwi-SDR & local antenna	SDR play receiver and diamond shape antenna	Signals received 59 + 7 db	Many thanks for the broadcast.
United Kingdom	Staffordshire	Dave Coomber	M0UXB	Radio receiver & local antenna		Good strength and clarity.	Many thanks
United Kingdom	Cardiff	Andrew Bell	GW4JJW	SDR- or Kiwi-SDR & local antenna	Preamp + laptop + SAQRX v094 + 20m longwire	RST 589	
United States (USA)	wasilla	Howell, Laurence	KL7L	Radio receiver & local antenna	Eprobe by lake /DK7FC pre amp design, 10m vertical on lake dock, Spectrumlabs V2.92 Audiocity	Both transmissions, best 10dB s/n but high QRN, good result for summer in Alaska 339	thanks for both transmissions - there was some sections of the first transmissions that suddenly went below my rx threshold and not sure if your end - lost 1 minute at end of 1st transmission and other stations (JXN) remained stable - no problems with second transmission - and after message tuning session looked good. vy 73 from Alaska once again
United States (USA)	Richwood	Ron Diehl	NQ8W	SDR- or Kiwi-SDR & local antenna	amplified antenna plus SDR receiver	RST 2-2-4	
United States (USA)	Charlestown, NH	John Collins	KN1H	SDR- or Kiwi-SDR & local antenna	SDR-IQ and DSP-599-zx, 400'wire tuned to 17.2Khz	Transmission 1: RST 229 ID heard, message heard but uncopyable. Transmission 2: RST 439, ID clear, parts of message copyable. 10db below noise level.	
United States (USA)	Annapolis	Barbi, Kenneth	KC3OYM	Radio receiver & local antenna	NooElectric VLF Converter connected to Yaseu FT991A using 60 meter inverted V antenna pointed East.	Unheard	
United States (USA)	Tiffin, Ohio	Jeff Potteiger	WB8REI Jeff Potteiger	Web- or Kiwi-SDR & remote antenna	University of Twente WebSDR site FREQ 17.2 KHz, CW filter set for 690 Hz, -71.2 dBm signal strength	RST 579 good signal some noise but plenty readable! Nice CW tone.	Mini whip antenna on 20 meter high building all metal at top of building. Details and photos at website. Copied the 0830 UTC startup and 0900 UTC message. TNC so much for the event! Very interesting, I learned something new about sinusoidal versus damped waves.
United States (USA)	Prescott	Woods, Robert James	W7iut	Radio receiver & local antenna	Collins 75A4, home brew down converter (10Hz to 240 Khz originally for earth disturbance detection), 124 foot center fed 35 feet high	599 (5 to 7 seconds)	Just a really pleasant few seconds, tried to record, but could not catch it
United States (USA)	Cohoe, Alaska	Whitham D. Reeve	Whitham D. Reeve	SDR- or Kiwi-SDR & local antenna	Rotable 1.2 m diagonal square loop antenna at 3.4 m above ground level and oriented north-south, SDRPlay SDRduo receiver, Cat5e balanced transmission line and HI-Z receiver input. Cohoe is remote location so receiver I/Q output was recorded and retrieved and analyzed 6 days after event.	Very weak, unable to copy CW but spectra easily visible at 17.2 kHz (nominal frequency)	Received first tuneup signals at 0844:00 to about 0850. Received start of first transmission at 0900:00 and end at 0906:35. Received second tuneup at 1142:10 through about 1143:56. Received second transmission at 1200:00 through 1206:45. Additional transmissions at around 1210 and 1219. Frequency of all tuneup and transmissions about 18 Hz low of which a few Hz may be the receiver. Some drifting of a few Hz throughout. Frequency always was low and I never saw the frequency reach 17.200 kHz. www.reeve.com Reception report here: http://www.reeve.com/Documents/Articles%20Papers/Reeve_SAQReceptRprt_04Jul2021.pdf

Country	City	Name	Call sign	Equipment	Equipment details	Reception Quality	Additional Information
United States (USA)	LINCOLN, NE	RICHARD M. LORENZEN	SA6RAJ --- WA0AKG RICHARD M. LORENZEN	Web- or Kiwi-SDR & remote antenna	COMPUTER AND INTERNET	WATCHED AND LISTEN LIVE VIA YOUTUBE AND INTERNET TWENTY SDR	TO DATE --- NEJ DIRECT RECEPTION ON 17.2 kHz SAQ AND ALTERNATOR OCH VANNER ARE VERY SPECIAL THANKS FOR ALL OF YOUR EFFORT WITH THE ALTERNATOR -- VI HOPPAS THAT DEN VIRUS AR GONE SNART SO THAT VI CAN BESOK GRIMETON . BASTA REGARDS TIL OUR MANY VANNER AT GRIMETON . VI MISS DIG OCH DEN BREAKS IN DEN LUNCH ROOM TO TALK OF MYCKET SUBJECTS. MYCKET MEMORIES OF ACTIVITIES AT SAQ TENTS , TOWER CLIMB , DRIVING ROAD IN BIL AROUND DEN ANTENNA MED ANDERS LARSSON TO TA EMOT SAQ OCH MONITOR TEST TRANSMISSION ---- BUYING WIRES OCH TUBES FRAN INGVAR IN TENT. ---- BILDNING TO OPERATE DEN ALEXANDERSON ALTERNATOR BESOK MED SK6SAQ OCH KJELL , JERKER, OUR B AND B SKARTA , OLA, OCH GUINELLA, JAN OCH ANITA, FREDRIK , BENNY MATT, JOHN, CORNELIA JENNY, ESPECIAL MAT PA BESOK CENTRUM FRAN MERIAM OCH ALLES. PER, CAMILLA, BESOK TIL WARSAW OCH BABICE OCH AXL SITE. ALL CHANCE OF A LIFETIME. MYCKET MYCKET ESPECIAL GRIMETON OCH SAQ OCH SK6SAQ OCH ARBETA BRAZIL DX ON CW WHILE TALKING MED KJELL, GRIMETON AR OUR SECOND HEM OCH FAMILJ. SVERIGE OCH SECOND HAND STORES IN VARBERG ALLES AR UTMARKT. THE FLOOD OF MEMORIES COME IN A RUSH . MYCKET TACK OCH MVH RICHARD LORENZEN LINCOLN 17 JULI 2021 .
United States (USA)	Pepperell, MA	Dave Glow	Dave Glow	YouTube Channel		YouTube Channel	That video was VERY interesting. Thank you for your hard w
United States (USA)	Burlington, CT	Jay Rusgrove	W1VD	SDR- or Kiwi-SDR & local antenna	Usual setup: modified Amrad e-probe>LNA>Delta 44 A/D>SpectrumLab	The first transmission was a washout due to high QRN ... the second transmission had somewhat lower QRN levels. Reception was not as good as some years summer transmission ... which turn out to be unexpectedly good. A short mp3 from the second transmission tuneup and message can be heard at: http://www.w1vd.com/SAQ070421.mp3	
United States (USA)	Godfrey, IL	Dennis Plebanek	WD9EYT	SDR- or Kiwi-SDR & local antenna	RSPdx / SDR	SAQ could be there but just buried in the noise.	It's always fun chasing signals, especially one from the Alex

MESSAGE:	REPORTS:							
	Country	Reports	Unheard	Video	Country (...cont)	Reports	Unheard	Video
"CQ CQ CQ DE SAQ SAQ SAQ =	Argentina				Macedonia			
THIS IS GRIMETON RADIO/SAQ IN	Australia	2	2		Malta			
A TRANSMISSION USING THE ALEXANDERSON	Austria	15			Malawi			
200 KW ALTERNATOR ON 17.2 KHZ. =	Belarus				Netherlands	29	1	
TODAY WE ARE CELEBRATING THE 25TH ANNIVERSARY	Belgium	18			Norway	5		
OF THE FOUNDATION OF THE ALEXANDER ASSOCIATION	Brazil	2			Poland	11		
AND NOMINATION OF THE GRIMETON RADIO STATION	Bulgaria				Portugal			
AS A NATIONAL LISTED BUILDING, ONE IMPORTANT STEP	Canada	3	2		Romania	1		
TOWARDS THE UNESCO WORLD HERITAGE LIST	Chile				Russia	4		
EIGHT YEARS LATER. =	Czech Republic	13			Serbia	1		
SIGNED: WORLD HERITAGE GRIMETON RADIO STATION	Denmark	7			Slovakia	1		
AND THE ALEXANDER-GRIMETON VETERANRADIOS	Finland	10			Slovenia	3		
VAENNER ASSOCIATION. =	France	23	1	1	Spain	8		
NB! FOR QSL INFO PLEASE READ OUR WEBSITE: WWW.ALEXANDER.N.SE +	Germany	190	3		Sweden	29		
DE SAQ SAQ SAQ @	Greece	8			Switzerland	14	1	
	Hungary	4			Ukraine	5		
	Iceland	1			United Kingdom	62		
	Ireland	1			United States (USA)	11	1	1
	Italy	33	1					
	Japan	7	3	1				
	Latvia							
	Lithuania	3						
	Luxembourg							
						524	15	3