

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Argentina	Gonnet, Provincia Buenos	Daniel Esteban	LU2DDU	Radio receiver & local antenna	Electric Field Sensor (1.8 m diameter elect	Unheard	Signal detection by sliding averaging of 200 consecutive spe
Australia	Bayswater	Stephen Bentley	VK3YJQ	SDR- or Kiwi-SDR & local antenna	RSP2 SDR, SDRConsole Software. Antenna, 12 M high Top Loaded Vertical with base loading coil. Counterpoise Groundplane System.	Unheard	I also tuned in for test transmission on 23rd. My local noise was much lower then but due to high lightning activity in Eastern Australia I was also unable to detect SAQ. Many thanks for your transmissions. I will keep trying. 73's.
Austria	Sitzenberg Reidling	Heike Vera Koch	SWL	SDR- or Kiwi-SDR & local antenna	500 m coil indoors, SDRplay high Z input, also: SAQrxV098 on second Laptop	unheard/unseen on SDR at 17,2 kHz. heard clearly on both 1 and 3 kHz at the same time by SAQrxV098 with 1 s delay to youtube and audio output	Next time outdoor antenna
Austria	Götzis	Martin Mittelberger	Martin Mittelberger	Radio receiver & local antenna	SAQ receiver kit from Grimeton Radio Station and CwGet Windows PC Software	rather weak, but ok (reception of yesterday's test transmission was way better)	I am very proud to have received the 2021 Christmas message at home in Austria for the first time, as I already visited the Grimeton Station in 2017 and I also joined the very interesting technical tour including the startup of the transmitter. Thank you and Merry Christmas!
Austria	Wels	Erich Witibschlager	OE5EAN	SDR- or Kiwi-SDR & local antenna	KIWI-SDR, LZ1AQ AAA-1C DIPOL	RST 449	
Austria	Roggendorf	Hans Pammer	Hans Pammer	Radio receiver & local antenna	Hagenuk RX 1001 M, Wellbrook ALA-1530LN Loop on balcony	RST 556, clear copy, 08:00:00 - 08:04:30 UTC	
Austria	Vienna	Langer Harald-Patrick	OE1LHP	SDR- or Kiwi-SDR & local antenna	KiwiSDR, Preamplifier, BW10-50kHz, 40m HWEF	36	Thx for the transmission. I'm currently learning CW and it was a bit hard to write down all characters due to background noise and the fact that i don't know all characters in cw right know. But ist was a pleasure and fun to take this as my x-mas challenge. vy73&55&27 de Patrick OE1LHP.
Austria	Wilhelmsburg	Filzwieser Franz	OE3FFC	Radio receiver & local antenna	FT978, Homemade Conv 10Mc IF, Ferriteantenna	RST 589	Many thanks again for your nice transmission
Austria	VIENNA	Rudolf SANDA	Rudolf SANDA (SWL)	Web- or Kiwi-SDR & remote antenna	WEB-SDR Enschede NL	Since received very well via web SDR.	Received from 10.49UTC to 10:54UTC. As received via web SDR very good CW.
Austria	St. Veit an der Gölßen	DAMBÖCK Wilhelm	OE3IDS	Radio receiver & local antenna	Converter with xtal 10 mhc, Ferrit Antenna, Yaesu FT-818	RST 579	many thanks for the ufb transmission, es have a merry xmas and all best for 2022
Austria	Haibach-Freinberg	Höglinger Gunther	OE5HOL	Radio receiver & local antenna	Ferritrod and Upconverter	439	
Austria	Korneuburg	Karl Kreuzwiesner	OE3KAR	SDR- or Kiwi-SDR & local antenna	Nooelec SDR with Upconverter on a Miniwipp	RST 577	
Austria	Neulengach	Öller Andreas		SDR- or Kiwi-SDR & local antenna	40 Turns 1x1 m Loop, 24 Bit, 96 kHz Usb Sound Interface, Spectrum Lab	10 dB above Noise, weak but clear	Signal was nearly unheard at the beginning, position change of the antenna gave a weak but clear reception of the Christmas message. Thank you very much for this transmission.
Austria	Wien	Willy Meyrath	OE3WYC	Radio receiver & local antenna	Receiver: EKD-315, (GDR-made, in the 80ties). Arial: Doublet 2x12m, 7m agl in the backyard. Small transformer resonated to 17kHz.	Signal strength would have been fine, but I was struggling with extreme interference here in the city. ID was 100%, but hardly could copy the message. Next time again from a better location.	<a href="https://www.youtube.com/watch?v=ZbJUH6xNaZY">https://www.youtube.com/watch?v=ZbJUH6xNaZY</a>
Austria	Bregenz	Manner Roland	OE9RMV	Radio receiver & local antenna	1st Equipment: TS590SG and Converter (NE612, 14MHz xtal), G5RV as T-Antenna. 2nd Equipment: Additional tested your SAQ-receiver Kit successfully! Signal Quality lower than using 1st Equipment but no problem to copy! Txn activity, fine job!	Merry Christmas Vy 73 de Roland (OE9RMV)	I have received your Test Transmissions on 23.12.21 around 14:00 UTC significant louder than on 24th. (In any case 3 dB or more)
Austria	Manhartsbrunn	Wolfgang Haslinger	OE3WHU	Radio receiver & local antenna	Antenna: MiniWhip 6m above Ground	10-15dB above noise, some fading, disturbing carrier close to your frequency	
Belgium	Leffinge	Alain Decraemer	ON6ADC	Radio receiver & local antenna	Whip antenna and JRC NRD-535	Unheard	Next year antenna improvements on this side.
Belgium	Gouy-Lez-Piéton	Daniel Limbourg	ON6Y1	Radio receiver & local antenna	IC706 + converter 17.2KHz to 10017.2 KHz and dipole 50 MHz antenna	4 db over noise, very nice signal	

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Belgium	Kapellen	Wargée Patrick		Radio receiver & local antenna	radio kit (by Arne Sikö) bought at Grimeton shop	weak but readable signal	
Belgium	Anderlues	gragnola rudy	ON3RGA Rudy	SDR- or Kiwi-SDR & local antenna	pc SAQ rx V094 antenne long fil 16 m et delta loup 84m décodage CW Skimmer	QSA:5	Facebook group ON3RGA
Belgium	temploux	thierry wiame	ON4LTW	Radio receiver & local antenna	elecktor vlf converter with long wire	555	i wish you a mery christmas and happy new year 2022
Belgium	Roeselare	Dirk Decoster	ON3DAG	Radio receiver & local antenna	Kenwood TS570 D with converter for 17.2 Khc Antenna G5RV 6m above the ground	RST 549	Beautiful video's of your transmissions Thanks ON3DAG Dirk, Belgium
Belgium	Putte	De Gieter Andre	ON6GK	Radio receiver & local antenna	home brewed	5 4 7	fantastic, do it again, wonderful
Belgium	Hamme JO21bc	Drieghe Eddy	ON5JK	Radio receiver & local antenna	Speclab on computer, tuned square loop at 8m above ground. No SDR.	As usual, 20 dB over random noise. Frequency less stable.	
Belgium	Tongeren	Hugo Sneyers	ON6HN	Radio receiver & local antenna	Loopantenna and homemade receiver: EF80, ECH81 and signal tracer.	RST 599	
Belgium	Middelkerke	GHYSELBRECHT Gilbert	ONL12523	SDR- or Kiwi-SDR & local antenna	SAQ VLF Receiver v. 0.98 with preamplifier & filter	QRK 2	
Belgium	Haaltert	Gunther Hespels	ON6HG	Radio receiver & local antenna	Hagenuk RX 1001M and 300m long wire antenna	44344	
Belgium	Veurne	Hugo Matten		Radio receiver & local antenna	Receiver: Perseus SDR, ANT: Beverage Antenna 385 metres long on 60°. (without balun!)	Heard with a nice signal! SINPO 35343	I can't do well decode morse myself but on this link on the internet: <a href="https://www.dropbox.com/s/c86691fnmspggl6/SAQ%2017.2%20kHz%2024.12.21%20-%2008.00%20UTC.mp3?dl=0">https://www.dropbox.com/s/c86691fnmspggl6/SAQ%2017.2%20kHz%2024.12.21%20-%2008.00%20UTC.mp3?dl=0</a> you can listen to a mp3 audio recording with the message of this broadcast I received here in Veurne, Belgium on December 24, 2021 at 08.00 UTC. On this link: <a href="https://www.dropbox.com/s/ekamx0xfvp84de/SAQ%2017.2%20kHz%2024.12.21%20-%2008.05UTC%20Signing%20off.mp3?dl=0">https://www.dropbox.com/s/ekamx0xfvp84de/SAQ%2017.2%20kHz%2024.12.21%20-%2008.05UTC%20Signing%20off.mp3?dl=0</a> you can hear the signing off at 08.05 UTC. On this 'Youtube' link: <a href="https://youtu.be/n_-4TmSxR8">https://youtu.be/n_-4TmSxR8</a> you can see a short movie from 1 minute of the broadcast on my Perseus SDR receiver. It's a movie at 08.00 (at the beginning of the official broadcast).
Belgium	Lievegem	Van Torre Patrick	ON4CAZ	Radio receiver & local antenna	- Homemade VLF to 40 m converter, with SA602 mixer and 7159,090 kHz crystal. Actual LO frequency is 7160,3 kHz, hence reception at 7177,5 kHz. - Homemade 40 m transceiver, with 300 Hz narrow 6-crystal ladder filter. See QRZ.com. - Antenna: 20 cm ferrite rod, with 1000 turns of 0,3 mm wire, resonant with 500 pF air-spaced variable capacitor. CMOS OpAmp TLV2371 as buffer between antenna and mixer.	RST 599 (used 20 dB attenuator)	<a href="https://youtu.be/qvIC51CAQks">https://youtu.be/qvIC51CAQks</a>
Belgium	Loppem	Jaak Versyck	ON4TT	Radio receiver & local antenna		RST 544	
Brazil	João Pessoa	Edson Uchôa	PU7EEA	Web- or Kiwi-SDR & remote antenna	Web SDR	Unheard	
Canada	saint lazare	Stuart Truba	ve2xx	SDR- or Kiwi-SDR & local antenna	antenna is a 40M delta loop	549 , very steady signal	Thank you so much to the volunteer team for the great Xmas 2021 transmission
Canada	Halifax	Wayne Harasimovitch	VE1WPH	SDR- or Kiwi-SDR & local antenna	SDRPlay Model RSPdx on battery power fed with long wire antenna oriented to your location.	Unheard	Alexander Grimeton Friendship Association Membership #1546. With improvements we may have better reception on Alexander Sunday. Look to hearing you then! Vy73. Seasons Greetings and Happy New Year de VE1WPH!
Canada	NL	Craig Joe	VO1NA	Radio receiver & local antenna	Marconi XH100, National LF-10, RL aerial lying on ground.	239 Heard weak VVV de SAQ a few times ~0756ut	Thank-you for another transmission. Pleased to hear VLF CW again.
Canada	Saint-Georges	Louis Carrier	VE2EZD	SDR- or Kiwi-SDR & local antenna	40 turns - 80 cm diameter hula-hoop loop antenna, RSP2pro, SDRuno, Thinkpad laptop on battery	SINPO: 34354	Clear and stable signal at my suburban QTH, 85 km south of Quebec City. My second successful SAQ reception. First one was for the Christmas Eve 2019 transmission.

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Canada	Calgary	Sam Linton		Web- or Kiwi-SDR & remote antenna		Unheard	
Canada	Saint-Joachim-de-Sheffor	Granby Amateur Radio Clu	Granby Amateur Radio Clu	SDR- or Kiwi-SDR & local antenna	Battery-powered W1VD's Modified AMRAD E-Probe, isolation transformers, twisted pair, balun, 4th order BP LC filter, resistive splitter, upconverter + TS-140 in car #1, SDRplay RSPdx + SDRUno in car #2.	469	VE2JWH & VE2AAY drove to rural location, 03h00 local time, cloudless moonlit night, -20°C. Simply magical. Offline decoding by VE2DO. Many thanks to your association.
China	Jiangyin City, Jiangsu Pro	Ding Lu	Ding Lu	Web- or Kiwi-SDR & remote antenna	kiwisdr from Sweden ( <a href="http://78.71.162.126:8073/">http://78.71.162.126:8073/</a> )	Unheard	<a href="#">none</a>
China	SHENZHEN	JACKY LIAO	BL7JL	SDR- or Kiwi-SDR & local antenna	RTL-SDR with PC	559 +20	
Cuba	Jovellanos	Daymer Padilla Perera	CO5RMM	Web- or Kiwi-SDR & remote antenna	<a href="http://websdr.ewi.utwente.nl:8901/">http://websdr.ewi.utwente.nl:8901/</a>	Unheard	
Czech Republic	Havirov 4	Radim Jarolim	OK2VR	SDR- or Kiwi-SDR & local antenna		555	
Czech Republic	Lhota pod Radčem	Miloš Holý	MYNDB	SDR- or Kiwi-SDR & local antenna	AIRSPY HF+, MiniWhip	rst 599	Very strong and clear signal, thank you for a very nice listening experience, happy christmas and new year
Czech Republic	Rtyne v Podkrkonosi	Franek Vladimír	ok1mrs	SDR- or Kiwi-SDR & local antenna	PC with SAQ Panoramic VLF Receiver and Marconi T antenna adapted by LC resonant circuit	RST 569	
Czech Republic	Zlín	Sahaj Jaroslav		Web- or Kiwi-SDR & remote antenna		Unheard	
Czech Republic	Zlín	Sahaj Michal		SDR- or Kiwi-SDR & local antenna		SINPO - 33444	
Czech Republic	Nadryby	Šlehofer Petr		SDR- or Kiwi-SDR & local antenna	Airspy HF+Discovery, MiniWhip	599	<a href="https://www.youtube.com/watch?v=tuXqF7s7DFg">https://www.youtube.com/watch?v=tuXqF7s7DFg</a>
Czech Republic	Sedlčany	Sůsa Jan	OK1GSB	SDR- or Kiwi-SDR & local antenna	G5RV, SAQRx, USB soundcard	539	
Czech Republic	Zlín	Cunderla Pavel	OK2BMA	Radio receiver & local antenna	Yaesu FT817 plus converter with NE602, antenna LW 40 m	589	Thank you for your message and transmission, it is always pleasure to listen to you. Best regards to all the crew of Grimeton Radio, tack sa mycket. 73, Merry Christmas and Happy New Year. Hej, Pavel, OK2BMA
Czech Republic	Chýnov	Bobek Martin	Martin Bobek	SDR- or Kiwi-SDR & local antenna	Perseus SDR receiver, wire antenna	RST - 599	
Czech Republic	Jablonec nad Nisou 5	Eliáš Zděnek	Zděnek	Web- or Kiwi-SDR & remote antenna		SIO: 354	
Czech Republic	Praha	Satransky Jiri	OK1DAR	Radio receiver & local antenna	SDR RX Perseus and ANT dipole 40 m	539	
Czech Republic	Měnin	Bohumil Humpolík	OK2HM	Radio receiver & local antenna	Covertor de OK1H DU + FT-102, dipole 2x19,2m in 8m	559	<a href="http://forum.elektrotest.cz/viewtopic.php?id=157">http://forum.elektrotest.cz/viewtopic.php?id=157</a>
Czech Republic	Krucemburk	Josef Janda	Josef Janda Krucemburk 4	SDR- or Kiwi-SDR & local antenna	Rx Afedri Lan IQ, antenna Miniwhip PA0RDT.	SINPO 44444	Good signal, it was my first SAQ reception. Listening to my receiver combined with live video was an amazing experience. Thanks. Good luck and good health to you all in 2021. 73 Josef. My lokator JN79WQ.
Czech Republic	Vičice u Trutnova	Josef	Josef Kacerovsky	Radio receiver & local antenna	Dipole 2x20m, UP covertor + FT 450	RST 579	Happy New Year 2022
Czech Republic	Hradec Kralove	Jindrich	OK1MKW	Radio receiver & local antenna	IC-705, VLF converter, MLA loop 1m w. LNA	RST 569	
Czech Republic	Praha	Nemejc Jiri	OK1CJN	SDR- or Kiwi-SDR & local antenna	Miniwhip antenna 4m out from balcony of block house 8m agl, Rx= Notebook audio input & sw Rocky 3.7	12dB up to 15dB over noise	
Czech Republic	Zábřeh	Martin Nečas	OK2CMZ	Radio receiver & local antenna	100m LW antenna 5m UP, homemade transvertor, RX IC705	529, very stable signal	

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Czech Republic	Hradec Králové - Kukleny	Volák Vladimír	OK1NVV	Radio receiver & local antenna		579	
Czech Republic	Pardubice	David Mahr	David Mahr	Web- or Kiwi-SDR & remote antenna	cassette voice recorder, waterfall spectrum analyzer (android) for slow listeners :), pencil and paper, morse code converter (IOS)	RSQ - 499	
Denmark	rødovre	Hansen Jesper	CGS	Radio receiver & local antenna	HF+Discovery + indoor YouLoop	CW partial decoded, lots of local QRM	
Denmark	Holbæk	PETERSEN Per Hilmer	oz1fbo	SDR- or Kiwi-SDR & local antenna	Perseus SDR + MiniWhip	RST 599	
Denmark	Måløv	Henrik Witt-Hansen	OZ1CQT	SDR- or Kiwi-SDR & local antenna	Miniwhip 3m above ground FunkAmateur BX-082 converter RTL-SDR V3 Homebrew receiver Booma - <a href="http://hardtoolkit.org/booma/">http://hardtoolkit.org/booma/</a>	599	<a href="http://hardtoolkit.org/booma/recordings/20211224_MESSAGE_RF.pcm">http://hardtoolkit.org/booma/recordings/20211224_MESSAGE_RF.pcm</a> <a href="http://hardtoolkit.org/booma/recordings/20211224_MESSAGE_AF.wav">http://hardtoolkit.org/booma/recordings/20211224_MESSAGE_AF.wav</a>
Denmark	Varde	Kaj Keller	OZ9QL	Radio receiver & local antenna	RACAL 1772 og 21 mtr. LW	549	
Denmark	Stenlille	Dyhr Sven	OZ7NV	SDR- or Kiwi-SDR & local antenna	Spectrumlab on PC and loopantenna	Unheard	
Denmark	Naestved	Bent Schatter	OZ2BS	Radio receiver & local antenna		59 +10 dB	
Denmark	Värlöse	Jesper Fogh Bang	OZ1XB	Radio receiver & local antenna	Homemade convertor and T-antenna (60m dipole with wires tied together. Loading coil at the ground. Water pipe ground connection (essential).	RST 559	
Finland	Siuro	Salo Timo	OH3DF	Radio receiver & local antenna	AOR 5000 with 80mb loop	RST 579	Very good copy at this morning, no backround noise! FB!
Finland	PORI	Sakari Nylund	OH1KH	Radio receiver & local antenna	SQ Panoramic VLF receiver v0.6 / Wine / Fedora35 Linux / Lenovo x201 laptop/ 160m GP	559	MX = HNY = 73
Finland	Perttula	Juha Kiili	OH2LKV	SDR- or Kiwi-SDR & local antenna	ant: PA0RDT mini-whip, rx: RSP1A sdr	15 dB SNR	
Finland	Ilmajoki	Lehtimäki Matti	OH6FSQ	Radio receiver & local antenna	US marine tube receiver: MacKay 128AX, Antenna: 40m L-antenna with 9 ground wires	RST:459	Scandinavian weekend radio wish you merry christmas! only finnish AM radio station, <a href="http://www.swradio.net">www.swradio.net</a>
Finland	Pieksämäki	Tarvainen Jukka	OH4MFA	SDR- or Kiwi-SDR & local antenna	PC with soundcard, SAQ Receiver, 200 m Beverage antenna	579	Youtube <a href="https://youtu.be/lmBUu50kshk">https://youtu.be/lmBUu50kshk</a>
Finland	Punkaharju	Solasaari Juha	OH5SH	SDR- or Kiwi-SDR & local antenna	RX: SDRplay RSP2pro, ANT: a single turn vertical loop, wire length 26 m (H 3 m x L 10 m)	RST 559	
Finland	Muonio	Andy	OH2JEE	Radio receiver & local antenna	PA0RDT Mini Whip & upconverter	RST559	Thank you for running the SAQ transmitter!
Finland	Oulu	Lindfors Juha	OH8CW	Radio receiver & local antenna	1/4 GP for 3.5MHz, Behringer UM2, PC + SAQ software	RST 579	Video in Youtube: <a href="https://youtu.be/Gqc4h-r27J4">https://youtu.be/Gqc4h-r27J4</a>
Finland	Akaa	Harri	OH3HP	SDR- or Kiwi-SDR & local antenna	160m Morgain antenna	449	
Finland	Jomala	Kurt Jansson		Radio receiver & local antenna	ICOM + 50m wire	Week but understandable	
Finland	Vesilahti	Arvela Tapani	OH3EK	SDR- or Kiwi-SDR & local antenna	SDRplay model RSP1A / SDRuno software & 80/160mb dipole	RST 569	LW-antennas not heard
Finland	Lahti	Kari Kallio		Web- or Kiwi-SDR & remote antenna	Kiwi SDR mottagare i Itis 4 mil från Lahtis		God jul åt er allesammans häri från Finland!
France	ROSHEIM	MEINDRE Michel	F5UJA	SDR- or Kiwi-SDR & local antenna	SDRplay RSPdx and Cushcraft R5 vertical antenna	Unheard	A bit disappointed not to have heard you, but my aerial conditions were quite poor. Congratulations for what you are doing with this marvelous machine!
France	ROUZEDE	Gerardus Albus	F4VUP	Radio receiver & local antenna	Home made receiver with long wire!	559	Thanks! Great Performance ! Happy Christmas and a healthy 2022
France	St. Jean d Arvey	Frank Trasser	F5VBD	SDR- or Kiwi-SDR & local antenna	Kiwi-SDR & local active e-field antenna	rst 559	<a href="#">See some photos on my page F5VBD QRZ.COM</a>

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France	LEUCATE	Tambuté Denis	F5LPR	Web- or Kiwi-SDR & remote antenna	Kiwi sdr - Vertical antenna DX 500 active	RST: 559	Kiwi sdr locate by F1JEK/P Massignac 16310 France
France	Basses	Morin Bernard	F8DKS	Radio receiver & local antenna	Yaesu ft890 + convertisseur home- made antenne ferrite	539	
France	LYON	JEAN LOUIS DESCOMBE	F6BNL	Radio receiver & local antenna	Hagenuk RX 1001M and homebrew frame antenna inside my apartment.	Received 579,with some local perturbations due to home equipments	Congrats! Always a true pleasure to hear the "old lady". My best wishes to you and yours 73/88. I wish you a Merry Xmas and a very happy New Year 2022 ! Take care and stay safe.
France	DOMONT	Franck DURAND	F4IEW	Radio receiver & local antenna	60 turns 1,2m square antenna with 25 dB amplifier and UMC204HD sound card - SpectrumLab and SAQ 192K used for this reception.	Reception signal strength was about 40uV on 60 turns magnetic antenna underground. It was very difficult to receive this time due to electrical perturbations. CW signal could be hear with SAQ software but not with portable receiver due to the need of CW narrow filter in that case.	<a href="http://www.f4iew.fr">www.f4iew.fr</a>
France	LE VAUROUX	Jean-Pierre Godet F5YG	F5YG	Radio receiver & local antenna	78 m long wire antenna tuned on 17.2 kHz, psn 49.3725 North, 1.9289 East, JN09XI.	QSA 3 QRK 5	Many many thanks Lars and all at SAQ. Merry Christmas !
France	Quiberon	Michel Lozevis	F1SRC	Radio receiver & local antenna	FT-817, VLF converter (0/150 KHz to 14.0 /14.150 MHz), Miniwhip antenna	519 no QSB	
France	VIGNEULLES LES HATT	SERLE, Erwin	F4VTQ	Radio receiver & local antenna	SDRplay RSP1a into SDRUno from a PA0RDT mini-whip antenna just outside our house in North Eastern France	Just a little above the very low background noise of -120dB	Thank you for a nice transmission, de F4VTQ / PE3ES
France	MONTAUBAN	Xtian / Christian	F1VL	Radio receiver & local antenna	Antenna long wire 80 m , SDRIQ and Spectrum Lab on PC.	10 dB on noise ! Fine ! thanks for tansmission ! Best 73 .	
France	Margerittes	Christophe ROUVIERE	f5iwn	Radio receiver & local antenna		Unheard	I watched only your video, very impressive !!!! Congratulations Best 73s All the best Christophe F5IWN
France	GENAS	PAUL GERARD BERTRAN	F1AJL	Radio receiver & local antenna	ANT LOOP 1 TURN ! 2 TRANSISTORS + SDRPLAY RSP2PRO	Unheard	
France	Toulon	Manu	F5ROL	SDR- or Kiwi-SDR & local antenna	rx sdr winradio G31DDC and ant active loop Wellbrook LF 1010	569 with local noise	Thank's for this transmission. Merry Christmas and happy new year for all the team
France	Begles	Norbert HENRY	Norbert HENRY	SDR- or Kiwi-SDR & local antenna	Home made VLF antenna ( prototype ) . Based on modified PA0RDT . At four meters high . Plugged into a PC soundcard . With an old Windows XP PC . And SAQRX V0.98	RST = 435	Some noise but . Nice Transmitter . Thank You very much . 73
France	Eschau	Hubert Roth	F6DUK	Radio receiver & local antenna	multiturn loop antenna ans an AOR7030 receiver		
France	Biganos	Phillipe Marsan	Phillipe Marsan	Radio receiver & local antenna			Christmas greeting to the World
Germany	Saarbruecken	Ralph Menn		Radio receiver & local antenna	Reuter RDR55 stationary receiver, Stampfl Dipole antenna	S 7-8 stable, SINPO 4 (due to some noise), -82dBm	Thank you very much for the detailed presentation of the transmitters switch-on procedure. Keep up the good work. MERRY CHRISTMAS to the team.
Germany	Reichertshofen	Max Wild	DK1MAX	SDR- or Kiwi-SDR & local antenna	Perseus SDR, 7m HiZ single pole RX antenna	RST 579	listening to the test loop "vvv vvv vvv de saq saq saq". At 0800z this text was received "cq cq cq de saq saq saq - this is grimeton radio station / saq in a transmission using the alexanderson 200kw ..."
Germany	Wunsiedel	Juergen Moesel	DL9NDM	SDR- or Kiwi-SDR & local antenna		579	
Germany	Leverkusen	heinz	DE7HSL	Web- or Kiwi-SDR & remote antenna	twente	5,9	
Germany	Weyhe/Kirchweyhe	Heinz Bremer	DL4BW	Radio receiver & local antenna	E1800/3 and E1700/2, Active Antenna Skanti(Merchant Marine former times))	599	
Germany	Kronshagen	Frank Schlünsen	DK1LX	Radio receiver & local antenna	Winradio G33DDC Excalibur Pro	- 109bBm, Antenna 8mLW, 25m above Ground	08.45 MEZ VVV VVV DE SAQ clear sound

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Germany	Freiburg im Breisgau	Siegfried Johann Frank	DF3GF	SDR- or Kiwi-SDR & local antenna	KiwiSDR and MegaLoop FX	567	
Germany	Cottbus	Marcel Raack	DM5RC	SDR- or Kiwi-SDR & local antenna	RSP1a + Active Antenna	479	
Germany	Karlsruhe	Dr.med. Alexander H. Hahn	DH2ID	SDR- or Kiwi-SDR & local antenna	WINRADIO G305 - homebuilt magnetic loop antenna	SINPO 23343	
Germany	Waldbröl	Martin Pfeiffer	DL1MP	Radio receiver & local antenna	NRD-535DG	24444	
Germany	Sickte	Thomas Winterfeldt	DL2TW	SDR- or Kiwi-SDR & local antenna	Notebook with saq48 software and dipol tuned to 80m	15dB above noise level	Very good and steady reception this year, thank you very much
Germany	Halstenbek	Wilfried Bestmann	DL8HAV	Radio receiver & local antenna	KW-Receiver with VLF-Converter to 14 MHz, Bandpass 500 Hz, Aktive-Antenna on balcony	RST 579	Thanks for Transmission!
Germany	08058 Zwickau	Udo Pampel		SDR- or Kiwi-SDR & local antenna	My Rig is HIQSDR and LW 120 m long	589 very Good	
Germany	Debstedt Geestland	Ablass, Uwe	DF7BL	Radio receiver & local antenna	2* 13,8m Antenna - LW-Konverter - SDR - Computer	599 15dB over the noise of the band.	
Germany	Schwebheim	Harald Maiss	DL3HM	SDR- or Kiwi-SDR & local antenna	40m circumferene loop antenna directly connected to the high impedance input of an usb audio interface (Steinberg UR22mk2), PC-Software HSDR	S4, SNR 5-10dB	
Germany	Blumenholz	Dietmar Schielke	DL9DS	SDR- or Kiwi-SDR & local antenna	Mini Whip, Redpitaya, Gnuradio on MacOS	RST 449	Locator JO63nk
Germany	Geesthacht	Franz-Peter Holert		SDR- or Kiwi-SDR & local antenna	Perseus SDR, PA0DT mini whip antenna, Cwget software for decoding	-72,4 dBm	<a href="#">Thank you very much for this event. We wish you as well a merry christmas</a>
Germany	Wuppertal	Bernd Schmitz	DK9JG	Radio receiver & local antenna	W&G SPM-30 Rahmenantenne	589	
Germany	Faßberg	Andreas Kreuzberg	DL3ABD	SDR- or Kiwi-SDR & local antenna	SDR Web	599	tnx fr nice msg, mary xmax an a happy new year to all the crew, hpe ta visit SAQ next year!
Germany	Freiburg im Breisgau	Rueggeberg Thomas	DL8GBR	Radio receiver & local antenna	YAESU FT-950 + DIY VLF-Converter - Antenna LW abt 50 m	559	
Germany	Berlin	Mahlow Klaus	DL7AMV	Radio receiver & local antenna	Telefunken E863 KW/2 with homemade LF-Converter on T-Antenna	599 ufb sig	
Germany	Sindelfingen	Ulrich Gaiser	DF7SC	SDR- or Kiwi-SDR & local antenna	Airspy HF+, Active Dipole 2x80cm	22-24 dB SNR	
Germany	Coesfeld	Peer Wulff	DJ2ELF	SDR- or Kiwi-SDR & local antenna	ext. soundcard with indoor loop antenna and gqrx software. Obviously not sensitive enough.	some dB over Noise, readable in waterfall, sometimes hearable	
Germany	Dornstadt-Bollingen	Zimmermann Wolfgang	DL1WOL	Radio receiver & local antenna	YAESU FT-991 with VLF converter	RST 111	Sorry: very low signal. It is raining. Thanks for the comments.
Germany	Muehlen Eichsen	Horst Puestow		Web- or Kiwi-SDR & remote antenna		SINPO=35444	when I tuned in at 7:50 UTC, the beeping signal was already present. short pause at 8:58 UTC, then one short beep, pause, two short beeps, another single beep, longer pause, continuous beep from 8 UTC. end of transmission at 8:15 UTC
Germany	Berlin	Manfred Eckardt	DL7VAI	Radio receiver & local antenna	LW-Konverter +IndoorLoop+IC7300	529	
Germany	Schwieberdingen	Stephan Urban	Stephan	SDR- or Kiwi-SDR & local antenna	Tuned ferrite antenna with selective preamplifier based on a design by VK5BR feeding into PC soundcard.	SNR 15~20dB, clear signal, some local noise	Thanks a lot for your dedication to this historical machinery! I am very happy to hear the transmission myself after visiting your site last summer.
Germany	Neumarkt i.d.OPf.	Ingo Nortz	DL2AAA	SDR- or Kiwi-SDR & local antenna	SDR Perseus, Studio 1 Software, Mini Whip in 10 m high close to my house	458 to 468; some QRM and QRN; bad propagandation	PSE send QSL Card! Merry XMAS vy 73 Ingo, DL2AAA
Germany	Kuemmersbruck	thomas Höppe	DJ5RE	SDR- or Kiwi-SDR & local antenna	SDR RSP2 DX with Boni Whip active antenna system in the garden	S6-7, fine copy	
Germany	Pulheim	Dirk van Nüss	DL1KVN	Radio receiver & local antenna	160m inverted L es Soundcard wid SAQRX	RST 539	tnx fb transmission = Recording here <a href="http://wp1101131.server-he.de/saq_2021.mp3">http://wp1101131.server-he.de/saq_2021.mp3</a> 73 es gl

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Germany	Siegburg	Horst Stöcker	DO1KHS	SDR- or Kiwi-SDR & local antenna	Mini-Whip, SpecLab	Unheard	I was able to hear/see SAQ many times very well. This Christmas Eve it failed. I just could see a very little trace. I will have to investigate what went wrong. mri xmas es vy73 de DO1KHS
Germany	Obernheim	Tobias Muenzing	Station Allgäu	Radio receiver & local antenna	Wandel und Goltermann TFPM76 with 80m ham dipole antenna	SINPO: 53444	
Germany	Toenisvorst	Bernhard Lueck	DK1BL	Radio receiver & local antenna	DIY VLF receiver with 3 resonant Opamps stages. Antenna about 10m vertical wire.	signal was 20db above noise	first time that I received the signal so load and clear for the message loop. But the real Xmas messages was difficult to read.
Germany	Butzbach	HORN Otfried	DL9ZAP	Radio receiver & local antenna	VLF-Konverter MINIX MRK-20 10-500 kHz & Yaesu FT-DX 5000	RST 599	
Germany	Zetel	Christoph Knieper	DO1BCK	Radio receiver & local antenna	Icom IC-R8600 with G5RV ( 160m to 10m )	RST: 449	Merry X-Mas und Happy New Year
Germany	Neuenkirchen	Ralf Ziemens	Ralf Ziemens; LW, MW, SW	Radio receiver & local antenna	Receiver:Icom ICR 8600, Reuter Pocket Radio, Sony IC F 2001D; Antenna:2x Reuter RFA Loop, 1xGrahm GS5 E with Ferrit Antenna, all indoor	RST 599	Member 1512 It would be great, if you could send me also a paper qsl card. Thanks.
Germany	Hueckelhoven	Huppertz Karl-Heinz		SDR- or Kiwi-SDR & local antenna	SDRPlay RSPduo with antenna MegActive MA305FT 4m above ground, Decoder was fldigi	RST 338 intermittent strong QRM	TI 5 *IMETMTN RADIE STATIONSAQ IN A TRANSTIEZN USE T5EAEANDERSON ** KÄ ALNRNATOR ON 07. KHZ E <BT> WE MISH *OU ALL A MRRY CHRISTMAS AND A HAPPY EWÜ YEAR. <BT> 5*DI WÜSLD HE<AS>TAGE IMT6N ÉHOETATIO AND THE ALXANG<AS>METON FREHIP ASSO<VE>IAI2N . <BT> NB * *R QSL IM P<AS>AH R HUR WEBSITE *EXANBR.N. SE <AR> B CQ CQ CQ
Germany	Talkau	Hunsalz Carsten	DL3XAC	SDR- or Kiwi-SDR & local antenna	80 meter dipol + standard PC with a sound card + SAQRx software	RST 559	Dear SAQ Team, it was again very impressive, I wish you a merry Christmas and a happy new year 73 de DL3XAC Carsten
Germany	Roetgen	Schmuecking Peter	DF3ED	SDR- or Kiwi-SDR & local antenna	Malahit SDR DSP1 with Grahm Ferrite antenna and 10 Mhz converter	-70 dbm	First time heard in the house! With periodical local QRM but always R5
Germany	Oberau	Rothe Martin	DF3MC	Radio receiver & local antenna	14m wire antenna, VLF-converter	Very nice signal this morning	
Germany	Uplengen	Kai Gerdes		SDR- or Kiwi-SDR & local antenna	Mini-Whip with good groundig, external Logitech Soundcard	SNR 35dB, RST 599	
Germany	Kroening	Gruschka Peter	DK4RG	Radio receiver & local antenna	RX Siemens E310, Atenna Longwire 55m	57, somrtimes QSB	
Germany	Wachtberg	Detlef Kerber	DK 7 KE	Radio receiver & local antenna	Siemens E401 + 20m long wire antenna	Unheard	<a href="#">Next time I will use an actice antenna.</a>
Germany	Cologne	Wolfgang Pohl	DF1KZ	SDR- or Kiwi-SDR & local antenna	SDRplay RSP2, HSDR v2.76a, Antenna: RF Systems DX-10 Professional	25 dB above noise, R5 T5	
Germany	Weissenhorn	Dreier, Jochen	DH6SBN	SDR- or Kiwi-SDR & local antenna	IC-705 with upconverter, active ferrite-antenna tuned to 17,2kHz	Unheard	too many QRM on the frequency
Germany	Laichingen	Jörg Logemann	DL2NI	Radio receiver & local antenna	E1800 from AEG-Telefunken, Perseus SDR, ELAD FDM-S2 SDR, active E-field receiving antenna	15dB S/N at S8 signalstrength	qrz.com, DL2NI
Germany	Olfen	Marbach Christian	Christian Marbach	Radio receiver & local antenna	Wandel & Goltermann PSM-139 and Sharp SDR on Mini-Whip-Antenna	Signal to Noise = 25 dB	I wish all a merry chistmas and a happy new year.
Germany	Duisburg	Hans-Peter Dohmen	DL9EBA	Radio receiver & local antenna	Ant: Indoor BAZ-Ferrite-Antenna-Module (tuneable to 5...50KHz) // Minix-VHF-Converter So42P IF: 14MHz // RX: Icom IC7410 tuned on 14017,200 kHz + 200Hz CW-Filter	SINPO 32233	by Indoor reception here: nearby local strong carrier /humming in the VLF-Band.
Germany	Aalen	Bieger Alfred	DF6SM	SDR- or Kiwi-SDR & local antenna	Elad FDM-S2 SDR with HSDR Software and KIWI-SDR / 1m Active-Antenna	449 (QRM local Solarequipment)	Again a great job SAQ Team ! always interesting Signal on 17.2KHz and via Youtube vy 73 cuagn

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Germany	Alsbach-Hähnlein	Jörg-Clemens Hoffmann	DJ4FAN	Web- or Kiwi-SDR & remote antenna	I tried to listen with my own equipment, but the local VLF-antenna failed. So I used the KIWI-SDR in Tolstedt/Nordheide to receive the SAQ transmission from Sweden.	RST 588	<a href="#">Amazing to hear your CW-signal for the very first time. Thanks a lot for keeping the Grimeton transmitter running. Excellent job indeed. Have a wonderful Christmas time and a Happy New Year. Stay safe. Yours truly, Jörg Hoffmann, DJ4FAN</a>
Germany	Berlin	Rolf Singer	DK6IT	SDR- or Kiwi-SDR & local antenna	Hermes SDR + PA0NHC mini whip antenna on ground	-121 dBm	merry xmas and a happy new year. cu next year 73 de DK6IT
Germany	Elsfleth	Baake, Manfred	DK8BO	Radio receiver & local antenna	Kenwood TS-2000 ; VLF-Converter; Groundplane-Antenna (8m high)	Verry good ; RST 569	
Germany	Testorf	Frank Dreyer	DL2SWW	Radio receiver & local antenna		549	
Germany	Werder/Havel	Lausch	DL7AIG	SDR- or Kiwi-SDR & local antenna	active Antenna RF Systems DX1, Flexradio6600	about 20dB over noise	
Germany	Brück	Peter Voigt	DL3MY	SDR- or Kiwi-SDR & local antenna	SDR & 80m Loop in 50m	566	
Germany	Offenburg	Simon Erdmann	Simon	Radio receiver & local antenna	Mini Whip Antenna and a Telefunken World Receiver and a self build frequenz Converter	Unheard	
Germany	Meiningen	Hagen Borrassch	Hagen Borrassch	Web- or Kiwi-SDR & remote antenna	Uni Twente, local indoor on receiver today in the city inaudible	559	merry christmas and happy new year
Germany	Nürnberg	Pfennig, Manfred	DK4NL	SDR- or Kiwi-SDR & local antenna	RSPdx with MiniWhip 13m over Ground	-75dBm	
Germany	Erkrath	Holger	DL8NK	Radio receiver & local antenna	20m Longwire Antenna into Homebrew (Resistor and Capacitor only, no Induktivity!) Transistor RX 1xv1 + Headphone	RST 599 very strong Signal today. Gratulation.	
Germany	Wennigsen	Lauenstein, Fritz	dj8mp	Radio receiver & local antenna	45m longwire, QCX-40m-QRP-TRX with NE612-Conv.	599, clear and strong signal	
Germany	Salzwedel	Reinhard Scholz	DL6MRS	Radio receiver & local antenna	SAQ radio kit from sveden	RST 599	The transmission are very nice,also YouTube livestream.
Germany	Duisburg-Rheinhausen	Horst Indek	DF6JY	Radio receiver & local antenna	Rohde&Schwarz EK 070, active Antenna ARA60	5 dBuV	
Germany	Waren-Müritz	Reimar Asmus	DL0046SWL	Radio receiver & local antenna	RX SDR Play and Mini Whip Antenna	3.3.9	
Germany	Haselunne	van Alphen Hans	DL/PA0EHG	SDR- or Kiwi-SDR & local antenna	Active loop antenna and Perseus SDR	18 dB above noise very ufb signal, no interference this time. Also heard test transmissions yesterday	Many Tnx for nice event
Germany	Wildenfels	Frank Lehner	DL1JEZ	SDR- or Kiwi-SDR & local antenna	Hermes Lite 2 - SDR Console - T Ant. (Doppel-Zepp (Doublet)) 13m High 22m long	S2-3	
Germany	Leipzig	Wolfgang Bürkner	Wolfgang Bürkner	SDR- or Kiwi-SDR & local antenna	SDR ELAD FDM-S2 und einer Active Loop ALA1530SP Antenne in Leipzig West, auf dem Balkon in der 2. Etage	S 4, I 5, N 4, P 4,O 4	als MP3 Datei aufgenommen
Germany	Hamburg	Thomas Milde	DL1HBT	Radio receiver & local antenna	SAQ receiver from Radioaffären	RST 429 no QSB but QRM (local)	Check kit building experience as well as sound files under <a href="https://dl1hbt.wordpress.com/2021/06/04/hbt-workbench-saq-empfanger/">https://dl1hbt.wordpress.com/2021/06/04/hbt-workbench-saq-empfanger/</a>
Germany	Norderstedt	Rabe, Joachim		SDR- or Kiwi-SDR & local antenna	Perseus SDR, 4x4m Wellbrook ALA100 Loop Antenna	RST 589, S6-7	<a href="#">08:41 CET : S/on for warm-up, 09:00 CET : Tx starts, 09:04 CET : Tx ends, 09:05 CET : carrier s/off. Thanks very much for keeping this piece of history in running condition and making every transmission a very special and unique event for all listeners.</a>
Germany	Groß Gerau ( near frankl	Uwe Konopka	DL3FOX	Radio receiver & local antenna	1: homebrew superhet rx 5 KHz -30 MHz with 7dbm ringmixer and si5351 Vfo 2: rsp1 SDR	weak signal, sometimes readable, lokal qrm	
Germany	Borgsdorf	Manfred Heimberg	DK7OA	SDR- or Kiwi-SDR & local antenna	Whip Antenna 1. floor window	SNR 31 dB	Very well done, tnx es 73 de DK7OA
Germany	Ibbenbüren	Winter Engelbert	E-BERT	SDR- or Kiwi-SDR & local antenna	RDSPLAY RSPdx / MegActiv MA305FT	very good and clear connection	



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Germany	Hörstel	Volker Frey	DL9OBK	Radio receiver & local antenna	your SAQ-Receiver Kit	RST 478	
Germany	Bad Wilsnack	Jörg Winter	DL3TO	Radio receiver & local antenna	EKD500 + LW	559	
Germany	Buetzow	Marianne Renkwitz		SDR- or Kiwi-SDR & local antenna	RX: PERSEUS ANT: Mini Whip 10m asl	599+5 (-67,2 dBm)	GL here: JO53XU pse QSL
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: Elecraft K3, 250Hz Filter	SINFO 43344	The signal strength was not constant during the transmission. It moved within several minutes from slightly above noise floor to ~13dB above noise floor.
Germany	Rüsselsheim am Main	Stefan Vidovic	DL7FE	SDR- or Kiwi-SDR & local antenna	Homemade frameantenna, 1,2m diameter	RST: 439	
Germany	Birenbach	Klaus Baeumler	DK5SF	Radio receiver & local antenna	RX: Hagenuk RX 1001M	Report 579	very nice Signal without QSB / QRM
Germany	Neustadt a. Rbge	Roland Schaeling	DF1OE	Radio receiver & local antenna	LW-Converter 10-500 kHz to 10.010-10.500 MHz Kit from www.funkamateu.de and Receiver Elad FDM-DUO. Antenna was a Hustler BTv6 Vertical	539	A short Video: <a href="https://1drv.ms/v/s!AoldtWCprzVnJdR-1h3_pTt9WsW9A?e=DvKFvt">https://1drv.ms/v/s!AoldtWCprzVnJdR-1h3_pTt9WsW9A?e=DvKFvt</a>
Germany	Faßberg	Anja Kreuzberg	DN3ABD	SDR- or Kiwi-SDR & local antenna	Web SDR	599	Thanks for nice transmission! Merry Christmas an a happy new year!
Germany	Koeln	Jo Rostek	DK4KK	Radio receiver & local antenna	Telefunken ELK 639 and loop antenna.	599	Today very strong signal !
Germany	Rostock	Klaus Sarcinelli	DM1KS	Web- or Kiwi-SDR & remote antenna	via <a href="http://vlf.firewall-gateway.net:8901/">http://vlf.firewall-gateway.net:8901/</a>	RST 599	Very glad to saw your great job also at the youtube live stream.
Germany	Hochdorf	Kai Rütterswörden	DL1GJJ	SDR- or Kiwi-SDR & local antenna	PC with 192k Soundcard, 4m loop-antenna	RST 216c in the beginnig, but then dropped due to QRM	
Germany	Schuby	Joachim Baumann	DL5HP	Radio receiver & local antenna	Receiver "RFT" EKD300 and 2x24,5m Doublet Antenna		Tanks for Greetings to the World, also Merry Christmas to you all. Cu and HNY to you from Joe, dl5hp.
Germany	Dortmund	Hans-Peter	DF1DR	SDR- or Kiwi-SDR & local antenna	SDRDuo Receiver and Reeve VLF Square loop antenna at 1m above ground	RST 599 30db SNR	<a href="https://www.reeve.com/Documents/Articles%20Papers/Reeve_SquareLoopAntenna1.2m.pdf">https://www.reeve.com/Documents/Articles%20Papers/Reeve_SquareLoopAntenna1.2m.pdf</a>
Germany	Hannover	Manfred Reimann	DL6OBJ	Radio receiver & local antenna	RX: Racal RA17L, Up Converter, Active Antenna with 2m Whip	RST 599 very strong signal, perfect reception!	Vy73" and all the best wishes to you! de Manfred, DL6OBJ.....
Germany	Rheinbach	Ludwig Schreiber	DF4KF	SDR- or Kiwi-SDR & local antenna	Rec: Winradio WR-G31DDC, Antenna: Mag.Loop 6m Diameter directed to SAQ	very good and clear Signal: -93 dBm, 15dB above noise @ RBW 50Hz	today's transmission was about 7dB better than yesterdays test transmission (-100dBm, Noise -108dBm @ RBW 50Hz)
Germany	Idar-Oberstein	Klaus Fuchs		Radio receiver & local antenna	Soundcardconverter with Mini Whipantenna (Decoding via FLDIGI)	SINPO 24322	8.42h CET VVV DE SAQ 9.00h CET CQ DE SAQ... WE WISH YOU A... DE SAQ 9.05h END
Germany	Goslar	Reichelt, Ekkehard	DJ6HA	Radio receiver & local antenna	80cm tuned Loop - Converter LW-> SW	R5 / S8 (Noise S6)	complett rig are in Souterrain-Room / tnx for testing / happy christmas / good new year
Germany	Velbert	Bernhard Zimmermann	DG3BZ	SDR- or Kiwi-SDR & local antenna	Soundcard , Loop Antenna, SDR Console	599 strong signal	
Germany	Uder	Dk7ON	DK7ON	SDR- or Kiwi-SDR & local antenna		Unheard	Long wire antenna tuned for shortwave with a sdrplay rsp1a.
Germany	Chemnitz	Jürgen Urbig	DL4JWU	Radio receiver & local antenna	direct mixer with small loop antenna	599, no QRM, excellent signal	Congratulations and many thanks for your work. Hope to hear you again next summer. Merry Christmas and a Happy New Year to all of you. Stay safe and healthy.
Germany	Hörlitz	Alexander Haußmann	DL2XF	SDR- or Kiwi-SDR & local antenna	RX: PC soundcard + Spectrum Laboratory by DL4YHF, Ant: 7 m horizontal wire under the roof	25 dB over noise as long as local QRM was quiet	Thank you very much, Merry Christmas and Happy New Year!
Germany	Tarmow	Friedrich Littmann	DL7ON	SDR- or Kiwi-SDR & local antenna	Perseus SDR, Megaloop	fine signal today S8	
Germany	Buetzow	Rudolf Renkwitz	DK7OM	SDR- or Kiwi-SDR & local antenna	RX: PERSEUS ANT: Mini Whip 10m asl	Unheard	My GL: JO53XU pse QSL
Germany	Butzbach	Tobias Saltenberger	DB8TS	SDR- or Kiwi-SDR & local antenna	Airspy Discovery + vert. Antenna (GP-3W)	RST 579	<a href="https://www.dropbox.com/sh/nfv46g4js0ow1o5/AABzrytLDep3PDrLff1rk60a?dl=0">https://www.dropbox.com/sh/nfv46g4js0ow1o5/AABzrytLDep3PDrLff1rk60a?dl=0</a>
Germany	Krauschwitz	Olaf Klein	DL1DUU	Radio receiver & local antenna	D.I.Y. kit from execubic.se	469	portable, 300m away from my house, killing noise-level

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Germany	Landshut	Platon von Hirschheydt	DB2SHP	SDR- or Kiwi-SDR & local antenna	Soundcard + Outside ribbon cable loop antenna	good quality (SINPO 44344) till the word "signed", after this word no reception possible	
Germany	Varel	Heiko Hinrichs	DD1BT	SDR- or Kiwi-SDR & local antenna	Charly25 (SDR based on Redpitaya) + VLF Converter + 2*17m dipole	59 S6	
Germany	Bielefeld	Pohlmann Andreas	Andreas Pohlmann	Radio receiver & local antenna	Do-it-yourself receiver with internal E field antenna.	SINPO 44444	
Germany	Pforzheim	Wolfgang Nattermann	DL4IAZ	Web- or Kiwi-SDR & remote antenna	WebSDR University of Twente	RST 569	In parallel a local sdr and a TRX+VLF-converter / mini Whip antenna: extremely poor signal, no readability. So fall back to websdr, they use the same antenna as I do... with good performance. THANKS FOR THE CHRISTMAS TRANSMISSION / Merry X-Mas and a Happy New Year to all of you and your families !!!
Germany	Hannover	Pfeiffer Thomas	DF6OV	Radio receiver & local antenna	VLF Converter to 28MHz, whip-antenna mounted on balcony.	SINPO 11222	Signal was not continuously heard, but sometimes guessed.
Germany	Assling	Michalke Wolfgang	DL8MEM	Radio receiver & local antenna	one leg of my 40/80m-dipole => extension coil (on ferrit rod from old MW/LW-radio) => homebrew konverter 0-500kHz p to 10.0-10.5MHz => RX of Kenwood TS-890 with 270Hz CW-filter (roofing-filter) plus additional DSP-Filter at 100Hz.	rst 579 very stabil; NO qsb	I dont have any URL, but I could send you my received and recorded audio-file (mp3) via email to an adress you give me in case you want the audio-file. Vy 73 de DL8MEM South Germany near Muenchen
Germany	Einbeck	Rüdiger Nagel	DK9AK	SDR- or Kiwi-SDR & local antenna	Ferrit-Antenna 20mH, Laptop with Panoramic 0.94	RST 599	<a href="https://www.dk9ak.darc.de/">https://www.dk9ak.darc.de/</a>
Germany	Meerane	Manfred Lau	DL1JML	Radio receiver & local antenna	Red Pitaya + Mini Whip Ant.	RST 539	
Germany	D-76694 Forst	Klaus Fraissl	DF2UA	SDR- or Kiwi-SDR & local antenna	SDRIQ RFSpace Receiver. Avtiv Antenna	Sorry, Ultra week Signal, nearly unheard.	First time since 10 years cannot decode the signal. Hope for next transmission. Merry Xmas and happy new year de Klaus
Germany	Blankenfelde Mahlow	Poleschner Dietmar	DG1ROA	Radio receiver & local antenna	IC-R8600 mit Rahmenantenne 90x90 cm, 50 Windungen-20000pF	RST 4/3/6	
Germany	Wanzleben-Börde OT Bot	Hülle, Matthias	DL7ZBV	Radio receiver & local antenna	Commercial RX EKD500 with magnetic frame-antenna indoor	559	<a href="https://www.qrz.com/dl7zbv">https://www.qrz.com/dl7zbv</a>
Germany	Bremen	Holger Schultz	DL1BLE	Radio receiver & local antenna	Elad FDM DUOr wid 23m wire es small loading coil	RST 429	also heard wid SAQrx software
Germany	Stahnsdorf	Jan Kacner	DM4JK	Radio receiver & local antenna	Vertical wire antenna 15m, VLF Upconverter "R&S Type HFHL", Yaesu FRG-100 RX	RST 529	
Germany	MOERS	peter van den akker	DJ0GD	Radio receiver & local antenna	selective level meter SPM3 and Miniwhip	very strong 9+20 dB as never B4 normal was S8-9	
Germany	Zeitz	Weber, Klaus	no call sign	SDR- or Kiwi-SDR & local antenna	Receiver: SDR play RSP duo; Software: SDR uno 1.41.1; Antenna: selfmade e-field probe (MiniWhip pro+ by DL4ZAO)	RST 4 7 7	Again good reception quality, unfortunately my CW-expertise is not very good. So I could not understand the content of the message. A Merry Christmas and a Good New Year to the staff and to all listeners of Radio SAQ!
Germany	Nürnberg	Augustin Werner	DL6NAF	Web- or Kiwi-SDR & remote antenna	remote KIWISDR PA1W JO21XS Groesbeek	didn't manage to demodulate on sdr but the signal could well be seen in the waterfall (screenshot available)	
Germany	Moenchengladbach	Lenzen, Stefan	DB1LZ	Radio receiver & local antenna	Receiver kit from Grimeton	first half RST 464, second half not heard	
Germany	Neuss	Nelßen, Peter	DH1JAD	SDR- or Kiwi-SDR & local antenna	Frame antenna indoor, Pre-Amp 17,2 kHz, SDR: RSP 1A	RST 599	
Germany	Grünhain	Teumer ,Helmut	DL4WW	SDR- or Kiwi-SDR & local antenna	RX Red pitaya Ant LW 20m long	RST 539	
Germany	Bocholt	Gierkink, Paul	dg1ypg	Radio receiver & local antenna	rx RFT EKV 13 - half the age of your tx, ant mini-whip homebrew	rst599	rx: <a href="https://dl6im.darc.de/ekv13_e.html">https://dl6im.darc.de/ekv13_e.html</a> 1min vvvv: <a href="https://filehorst.de/d/evfmigij">https://filehorst.de/d/evfmigij</a>
Germany	Hildrizhausen	Jacobs, Jochen	DL4SCI	SDR- or Kiwi-SDR & local antenna		RST 579	

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Germany	Wabern	Jürgen Wiegand	DL6WAB	SDR- or Kiwi-SDR & local antenna	SAQ RX on GPA50 vertical Antenna	Very strong Signal 45444 (SINPO)	Have a look on <a href="http://amateurfunkpraxis.de/blog2021.html">http://amateurfunkpraxis.de/blog2021.html</a> Thank you very much for the good work, merry Christmas @ All!
Germany	Berlin	Olaf Reimann		Radio receiver & local antenna	Rohde&Schwarz ESH3 + Vertical Monopole	SNR 21dB	
Germany	Hohenstein/Mackenrode	Frank Koehler	DM2FK	Web- or Kiwi-SDR & remote antenna		RST 599	
Germany	Ober-Ramstadt	DL1DSR, Gerald	DL1DSR	SDR- or Kiwi-SDR & local antenna	laptop + soundcard (SDR) + resonant circuit + long wire	529	
Germany	Recklinghausen	Jan Beba	DG3YJB	Radio receiver & local antenna	Icom IC-7300 TRx, LW-Upconverter by Funkamateure HamRadio Magazin, Windom antenna for amateur radio bands 40m-20m-15m-10m	RST 519	
Germany	Dresden	Mario Gutbier	DL1MGU	SDR- or Kiwi-SDR & local antenna	RSP2, Magnetloop 2 sqm, 8 Wdgen	RST 549	
Germany	Reichelsheim	Hitz, Alexander	DH1TZ	SDR- or Kiwi-SDR & local antenna	Loop antenna with Spectrum Lab on PC	599	
Germany	Cologne Germany	Joachim von Geisau	DH4JG	Radio receiver & local antenna	NRD 535, heavy tuned, VLF-Converter by DD3ZE, magnetic loop	RST 337	Heard start of transmission "cq cq de saq saq this is grimeton radio station saq in a transmission.... then faded out. Possibly missed letter "e" in Grimeton
Germany	Berlin	Walbruch, Christian	DO7CWL	Radio receiver & local antenna	Ferritantenne aktiv mit FET, LW-Empfangskonverter BX082, Icom IC730	S9+30	
Germany	Stuttgart	Peter Kurz	DL2PIT	Radio receiver & local antenna	Receiver: Tecsun PL-880. Antenna: Grahn GS5-SE (with 10 MHz frequency converter) and VLF2 "Alexanderson" antenna	RST 343	Faultless transmission, congratulations! Unfortunately, quite some QRM at my end (used in-house equipment due to bad weather). SAQ receiver kit didn't copy but combination Tecsun/Grahn did.
Germany	Wackerow	Peter Oltmanns	Peter Oltmanns	Radio receiver & local antenna	mini whip Aktivantenne; Converter 10-600 khz auf 10.010-10.600 mhz; AR 8200	RST 578	Thanks for your good work
Germany	Paderborn	Markus Rustemeyer	DK2PB	Radio receiver & local antenna	magnetic loop Antenna - microphone pre amplifier - SDR (old soundcard SDR Program on old Windows 200 Notebook )	RST 599	reception was even better than 25. Oktober 2021 with the same equipment
Germany	Einbeck	Teichler Karl-Heinz	DJ6HC	Radio receiver & local antenna	Konverter ZF 14 mhz ant lw 27m	rst 579	
Germany	Meschede-Frenkhausen	Sabine Cremer	DL1DBC	SDR- or Kiwi-SDR & local antenna	dipole e-field probe	25 dB over noise	Thank you very much for the transmission and great video show!!
Germany	Cuxhaven	Romeikat	Jens Romeikat	Radio receiver & local antenna	Frame-Antenna with Bandpass following, Audion-receiver with extern Oszillator (Heterodyn)	RST 566	No reception in USA with SDR-radio in Louisiana
Germany	Dresden	Frank Becker	DL8MFY	Radio receiver & local antenna	E-Feld Antenna> up Converter to 10MHz> ICOM IC7300	rst 559	
Germany	Münster	Heitkamp, Christoph	DD5SV	Radio receiver & local antenna	KX3, Upconverter, Long wire	RST 468	
Germany	Bastorf	Toralf Renkwitz	DJ8MS	SDR- or Kiwi-SDR & local antenna	RSP1 + active miniwhip below the roof	15dB S/N	
Germany	Bad Dürrenberg	Gert Naundorf	no call sign	SDR- or Kiwi-SDR & local antenna	antenna: passive aperiodic loop, D about 870 mm, 36 turns receiver: sdplay RSP1 software: HSDSR v2.76a	25...30 dB over noise level	<a href="#">transmission is recorded in HSDSR special IF wav format (12 kHz bandwidth)</a>
Germany	Wiesbaden	Reinhard Focke	DF2ZY	Radio receiver & local antenna	Loop-Antenna 40 Turns, indoor Converter LW/10MHz and RX from FT817	RST 499	Dear SAQ-Team, thank you for nice transmission. Greetings from Wiesbaden. I wish you Meery Christmas and Happy new Year.
Germany	Halberstadt	Löffler, Henry	DB3LO	SDR- or Kiwi-SDR & local antenna	Antenna: (oscillating circuit for 17.2 khz) coil diameter 100 mm and 150 turns. Converter to 10 MHz and the FiFi-SDR as the receiver.	RST 559	
Germany	12459 BERLIN	Friedrich W. Butt		Radio receiver & local antenna	SDR FDM-DUOr / indoor magnetic antenna HDLA3 (1 m diameter)	RST 569	
Germany	Steinpleis	Holger Reiter	Holger Reiter	SDR- or Kiwi-SDR & local antenna	RSP1A with selfmade Loop Antenna	R=4 ; S=5 ; T=4	<a href="https://photos.app.goo.gl/ELrVqsm877BkGWG6A">https://photos.app.goo.gl/ELrVqsm877BkGWG6A</a>

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Germany	Erkrath	Veit Pelinski	DE0VSP	Radio receiver & local antenna	Yaesu FT 900 with VLF converter and 2x20m dipole	RST 559	
Germany	Giesenhausen	Schneider Burkhard	IDA by UTDX.de	Radio receiver & local antenna	Mini Whip, Alinco DX -R8	RST 448	
Germany	Neumünster	Oskar Mayer	DJ8OM	Radio receiver & local antenna	RX: KX3 with homebrew VLF-Converter, RF-SPACE CLOUD IQ, Magloop-Antenna homebrew & R&S HE-011	RST 579 No QRM Signal 12 dB above Noise Level	<a href="#">Thanks to you all and your efforts keeping SAQ alive.</a>
Germany	Chemnitz	Erlor, Klaus	DL1JCI	SDR- or Kiwi-SDR & local antenna	SAQ V094, magnetic ant 40W	559	thanks for activation of the old lady
Germany	Münster	Gescher, Ulrich	DK2BC	Web- or Kiwi-SDR & remote antenna	WEB SDR Twente, 7522 NB ENSCHEDE, NL	599 ubf sigs	
Germany	Karlsruhe	Ewald Göbel	DK2DB	SDR- or Kiwi-SDR & local antenna	ELAD FDM Duo, 12,5 m Vertikal (small Ant for 136 kHz)	12 dB SNR	
Germany	Heinsberg	Kohns, Norbert	DG1KPN	Radio receiver & local antenna	Homebrew Pocket-RX with 1m Long Antenna stick. In order to escape the man made noise I walked to a nearby lake. The reception of the message was outstanding. At home I recorded the message with HSDR attached to a broad band ferrite antenna, which worked outstanding as well.	-90dBm	From the reception of my Pocket-RX I made a small video, that I will send via e-mail on request.
Germany	Asendorf	Dirk Metz	SWLJO43	SDR- or Kiwi-SDR & local antenna	KiwiSDR with city window antenna	599	
Germany	Birmoehlen	Andreas Hall	DG8LQ	Web- or Kiwi-SDR & remote antenna	Via Web-SDR U-Twente Netherlands, on 17.00 kHz / CW	599	Thank you, great fun 73 , Merry Christmas
Germany	Neunkirchen	Walter Barteczek	DK8KV	Radio receiver & local antenna	2x18m 10m high 42mH against ground, RX SDR 9...900kHz (STM32F429 Discovery Kit)	RST599	RST549 with Direct Mixing Ferrit Rod Receiver (SA612, TL084, LM381)
Germany	Coswig	Markus Lemke	DL1DSN	Radio receiver & local antenna	Shortwave transceiver Yaesu FT1000MP + VLF converter (converts 17.2 kHz to 10.017,2 MHz) 3 dB Attenuator between antenna and converter, antenna = 2 elements beam for 7 MHz/ 10.1 MHz which works pretty well for VLF, too (for whatever reason), bandwidth filter set to 500 Hz 1st IF stage, 500 Hz 2nd IF stage, Attenuator Agilent 110 dB in 1 dB steps	RST 589, approx. 18 dB over local noise	<a href="#">Tested my setup on 23rd of Dec late evening and my reference is always the signal of MSF60 in Rugby at 60 kHz. This time signal was S9 with 10 dB attenuator at night. This morning I heard MSF60 around 7:30 UTC with S0 ! so I had to reduce the attenuation and the signal came up. This was true for SAQ this morning as well. My impression is : signals at VLF are high around midnight and around noon, but somehow dropping during 1 or 2 hours when night becomes day and vice versa in the morning and in the evening. Depends on the distance between transmitter and receiver I think. Anyway, this morning your signal was quite strong and stable here. There were not any drops in signal strength with the equipment I've used here near Dresden. You made a perfect job! Looking forward to receive your next message.</a>
Germany	Stuttgart	Günther Michael	DJ2MG	Radio receiver & local antenna	Wire antenna + VLF converter	RST 225	
Germany	Uppgant-Schott	Harald Greiner	DO9BW	Radio receiver & local antenna	Rx: JRC NRD-535DG, Ant: Grahn GS-3E Active Loop	R5 S4 T5	Great transmission, tnx a lot, merry christmas to all of you and yours! 73 de Harry, DO9BW
Germany	Bad Langensalza	Janik Hofmann	Janik Hofmann	Radio receiver & local antenna	EKD 500 + long wire antenna	Fair	Merry Christmas and a Happy New Year to everyone!
Germany	Bad Oeynhausen	Dr. Dirk Ottensmeyer	Dirk	SDR- or Kiwi-SDR & local antenna	Airspy HF+ Discovery with SDRsharp program. 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 VLF antenna. Modified PA3FWM preamplifier (also used for Mini-Whip antennas).	S=1-2, weak, fading	Automatic decoding with CWDecoder not possible due to low and fading signal strength. Manual decoding partly possible.
Germany	Osnabrück	Hartwin	DJ0MK	Radio receiver & local antenna	Aktiv Loop Antenna 80cm indoor, VLF Converter, Yaesu FT-891	QSA 2	
Germany	Essen	Peter Ehrhard	DL 9 EH	SDR- or Kiwi-SDR & local antenna	SDRPLAY + Miniwhip	RST 355	

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Germany	Grefrath	Ulbrich, Frank	DO2FU	Radio receiver & local antenna	8m wire, diagonal west-east orientation, self made VLF receiver design by DG9WF, SQRx Software on Windows 10 48k Soundcard. Carrier power gets down during transmission.	59 for call sign loop, 47 for message	
Germany	Leutenbach	Hendrik Raessler	DL6HX	Web- or Kiwi-SDR & remote antenna		589	
Germany	Uetze	Fritz Wolfgang	DK7OB	SDR- or Kiwi-SDR & local antenna	Airspay HF+ Discovery with PA0RDT Whip Antenna and GQRX 2.14.4 SDR software	RST 599	Video: <a href="https://youtu.be/3hwCd785aE8">https://youtu.be/3hwCd785aE8</a>
Germany	Berlin	Guenter Richter	DL7LA	SDR- or Kiwi-SDR & local antenna	N2ADR-SDR and E-field antenna 2 m above roof. High noise city environment	excellent, 25 dB over city noise level, audible report 598	excellent conditions, signal +5 dB compared to the October transmissions. Many thanks to the team for their great efforts, I'm looking forward to the next events
Germany	Hürth	Prast, Hans-Peter	DL2KHP	SDR- or Kiwi-SDR & local antenna	Ferritantenna and HDSDR-Software.	Received here in Hürth with very good signal strength (RST 589).	<a href="http://www.d2khp.de/shack-funkraum/empfang-saq-grimeton.html">http://www.d2khp.de/shack-funkraum/empfang-saq-grimeton.html</a>
Germany	Anzing	Harald Wickenhaeuser	DK1OP	Radio receiver & local antenna	ROHDE & SCHWARZ Receiver EK070; Antenna HE011	Weaker than previous transmissions but 100% readable	Deterioration due to (presumably) a discrete PV carrier only some 10 Hz apart. Estimated SNR abt. 5 dB (but no problem for an old cw fan!)
Germany	Essen	Gerd Schäfer	DL2EGS	Web- or Kiwi-SDR & remote antenna		RST 599 ufb	
Germany	Wienhausen	Preer, Hermann	DG9OAD	Radio receiver & local antenna	10m Wire VFL Konverter to 10 MHz and Kenwood TS590SG	RST 469	
Germany	Uslar	Fischer, Klaus	DJ9FK	Radio receiver & local antenna	"Funkamateur" LW Konverter -> ICOM IC - 761, T -Antenne	RST 599 15dB over noise	This Time was Frequency clear. The loudest SAQ - Signals I have heard with the same Equipment.
Germany	Alpen	Heinz Wanders	DK3IR	Radio receiver & local antenna	KX3 mit VLF Converter, Antenne indoor Loop	RST 559	
Germany	Göttingen	Baranowski Dieter	DF7AX	SDR- or Kiwi-SDR & local antenna	Microtelecom PERSEUS SDR, NTI Mega Dipal Aktivantenne	RST 579 QSB	165 m NN JO41wn
Germany	Willich	Schneider, Paul	DB3JC	SDR- or Kiwi-SDR & local antenna	LF-converter to 10,0172 MHz + converter to 110,0172 MHz + RTL-SDR	RST: 336	unfortunately only 20m Band Dipol available; mni trnx fer transmisson, 73 de DB3JC
Germany	Dortmund	Andreas Zahmel	DO6DOC	SDR- or Kiwi-SDR & local antenna	KiwiSDR with 22m Dipole, 13m abt gnd, E/W	RST 599	
Germany	Horgau	André Dohnau	André Dohnau	SDR- or Kiwi-SDR & local antenna	MegActiv MA305FT, SDRplay RSPdx, SDRuno	RST 599	The first view seconds (before the first "RADIO STATION") and the last part (after "ASSOCIATION") where covered by strong signal from HWU.
Germany	Hamburg	Olaf Goldbeck	d4hg	Radio receiver & local antenna	Icom ICR 8600, homemade aktive antenna	559 no qsb or qrm	
Germany	Bedburg-Hau	Ber de Graauw	DL4BER	SDR- or Kiwi-SDR & local antenna	SDRplay RSPdx - antenna 40 m wire at 10m above ground	55 good signal, good readability	
Germany	Jena	Thomas Beez	Thomas Beez	SDR- or Kiwi-SDR & local antenna	HW: RSP2pro, activ loop antenna SW: sdruno + cw decoder cwget	R3. S4 T4	
Germany	Jüterbog	Baier	DO7HBJ	Radio receiver & local antenna	10m Antenne,	559	Hello Grimilton, thank you very much for the transfer. Have a nice Christmas from DO7HBJ from Jüterbog Germany.
Germany	Ahlerstedt	Johannes Franke		SDR- or Kiwi-SDR & local antenna	ELAD FDM-DUOr, HDLA-6 Loop	SINPO 25353	CW Filter Bandwith 100Hz
Germany	Sankt Georgen im Schwa	Klaus Hoffmann	Klaus Hoffmann	SDR- or Kiwi-SDR & local antenna	loop antenna, Blitzortung receiver, Behringer UMC202HD USB sound card, Raspberry Pi 400, gqrx, decoding with Morse Expert Android App	RST 469	I'm very insecure about my reception quality rating. This is my first QSL card.
Germany	Berlin	Ahim	DL7PV	Radio receiver & local antenna	active vertical and Elad SW2 SDR	30 dB S/N	strongest signal ever
Germany	Leipzig	Cedra, Harry	DG0LGG	SDR- or Kiwi-SDR & local antenna	Amateur radio antenna for 14MHz directly on the PC sound card. Soft: SAQrxV094.exe	-58dB	Thank you to all of your team. Super performance. I wish all the best!
Germany	Kraupa	Frieder Göthel		Radio receiver & local antenna	EKD 500 and Loop Antenna homemade	599	it was nice resiving
Germany	Heidelberg	Schwarz, Roland	DL6IAE	SDR- or Kiwi-SDR & local antenna	SDRuno RSPdx with Mini Whip Antenna	Unheard	Absolutely no signal heard in JN49HK this time. But thank you anyway - I could listen to the youtube-stream and had at least a little SAQ-feeling. Hope better luck next year. 73!

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Germany	Mettlach	Henryk Jablonski	Henryk Jablonski	Radio receiver & local antenna	Racal -RA1792. Activ Vertical Antenna 11m	QRM1, QRN1, QSA4	
Germany	Braunschweig	Andreas Lubnow	DL6AAS	Radio receiver & local antenna	PC running Spectrum Lab, antenna is 17m long wire	Despite of ever growing local noise SAQ was well heard with a clear and nicely readable signal	Season's greetings and already looking forward to 2024
Germany	Nuthetal	Schluetter Gerd	DL3GER	Radio receiver & local antenna	TRX old TS 830 + Transverter 17 KHz to 10 MHz (home made, 1 Transistor) Vertical ant 10m	rst 579	
Germany	Berlin	Ewald Schreiber	Ewald Schreiber	Radio receiver & local antenna	Telefunken ELK 639 with activ magnet resonanz Antenna	very goog nearly without any noise	
Germany	Remscheid	klaus kremer		Radio receiver & local antenna	fr101 mit homadkonverter	5plus5	
Germany	Magdeburg	Lutz Messerschmidt	DM1LM	Radio receiver & local antenna	frame antenna, home made rx	RST: 599	tnx fer the ufb transmission
Germany	Obermichelbach	Axel Bienefeld	DL8NDG	Radio receiver & local antenna	ICOM IC R-8600 with 17m end fed long wire	RST 319	The readability of the signal was good during the tuning procedure and it disappeared in the noise during the transmission
Germany	Schmitten	Lutz Winkler	DL1ROC	SDR- or Kiwi-SDR & local antenna	Airspy HF+, Kelemen Dipol	RST 579	TX for Transmission, Transmission text: "we wish you all a mery christmas and a happy new year.="
Germany	Neuhausen/Spree	Klaus-Dieter Anger	DL1XKA	SDR- or Kiwi-SDR & local antenna	5 m vertcal, SDR Play , Laptop	10 dB above noise, best signal ever !!	
Germany	Neu-Ulm	Dieter Hirt	DH1DH	Radio receiver & local antenna	SDRPlay RSPdx / Longwire Antenna with Matchbox	RST 479	Thanx for your work & Merry Christmas
Germany	Jueterbog	Thomas Kley	DL1TKI	Radio receiver & local antenna	PC-Soundcard with Software SAQ_094	59	
Germany	Marienberg	Schubert , Frank	Schubert , Frank	SDR- or Kiwi-SDR & local antenna	Mini-Whip / Converter / SDR RX	RST 368	-
Germany	Braunschweig	Dr. Wolfgang Hillger		SDR- or Kiwi-SDR & local antenna	Home brow receiving technique consisting of : broadband active 75 cm long stylus antenna in 4 m height, amplifier and low pass filter 24 kHz, sound card, software SAQrx	R=5, S=9+20 dB, T=5	It was a great pleasure for me to listen to your Christmas Greetings. I would like to thank very much the Grimeton Team for this excellent event.
Germany	Hambühren	Bölke, Hans-Peter	DJ6HB	Radio receiver & local antenna	BOX73-LW-Converter vor Yaesu FR857d, 250 Hz-Bandbreite, 22m-Drahtantenne	RST 579 QSB	
Germany	Seligenstadt	Hans Peter Galster	DG1FK	Radio receiver & local antenna	Doublet 2x20m, Datong VLF Converter, Icom 705	RST 589	<a href="#">my qth is nearby (3km NW) 50kW timetransmitter DCF77. a screenshot and video is not published yet</a>
Germany	Buergel	Schusser Gero	DL4ALJ	Radio receiver & local antenna	G5RV (used as T Antenna) > converter > TS590	599+	It was very impressive to listen your signal. I wish you a happy new year and all the best; Gero
Germany	Pirmasens	Blinn Jörg	DL8EB	SDR- or Kiwi-SDR & local antenna	Perseus SDR with Grahn Alexanderson VLF Antenna	Unheard	I went outside on two different places but I had very heavy QRM. Maybe some equipment fault. I will investigate it until next transmission. Thank you very much for the transmission and nice holidays. 73!
Germany	Berlin	Sprodofsky , Wolfgang	DM2SP	Radio receiver & local antenna	My Hardware for your Station:  Ant : End-Fed 24m grounded with many burried radials VLF-Converter : (0...600)kHz ---> (2000...2600)kHz with Tubes , Home-made TRX : FT991A , Mode CW , BW: 100 Hz Decoder-SW : CW-Get	RST 479	Dear Ladies and Gentlemen  I have received your Transmission today (24.12.2021) at 8 UTC with RST 479 on 17,2kHz on my QTH 13507 Berlin , loc: JO62PN .  vy 73 es 55 es mry xmas es hny de Wolfgang , DM2SP

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Germany	Langen	Robert Kipp	DJ0PU	SDR- or Kiwi-SDR & local antenna	my Perseus and my MiniWhip 7m up in a tree in our backyard	SINPO 3 5 4 4 4 ; RST 4 3 5	Message 4min30sec long. I had a lot going here on Christmas Eve day and on 25.Dec., and my Morse code is very rusty so it took until 26.Dec. to decode your text. Thanks also for your ""We wish you all a Merry Christmas and a Happy New Year. BT signed : " message. I hope also that all the SAQ-Team and their families had a wonderful Christmas and will have a healthy, safe, and happy 2022. QUESTION: at 3min41sec into your message, you sent dit-dit-dah-dah-dit which is ÜE What signal or sign is this? MAYBE it was missing one dit at the end and should have been a "?" sign? Just before that came N B which I think was to mean "Neben bei" (German) to indicate an extra little (QSLing) information notice. In any case, BEST 73 to all at SAQ de Robert Kipp DJ0PU AR SK
Germany	Amerang / Evenhausen	Löw Michael	DL6LM	Radio receiver & local antenna		QRM	
Germany	Münster i.W.	Melchior, Wilhelm	Wilhelm Melchior	Radio receiver & local antenna	Grimeton-Kit-Receiver	QSA 2, QRM 4	Distace SAQ - QTH 649km
Germany	Petersberg	George Presslie	DL1CLX	SDR- or Kiwi-SDR & local antenna	soundcard , mini whip and SAQrx v 0.98	Unheard	mini whip was indoors!
Germany	Scheidegg	Entress Reinhard	DL5ER	Radio receiver & local antenna	G5RV-80m dipole, homebrew converter to 14.0172Mhz, Kenwood TS890 Transceiver	449	Thank you for transmitting and livestreaming. It's always a pleasure.
Germany	Hennef	Jörg Püchert	DG7KBY	YouTube Livestream		Very good explained, thank you.	
Germany	Annaberg-Buchholz	Baldauf Reiner	DG0RB	Radio receiver & local antenna	e-Feld Sonde, Vorverstärker, Transverter auf 10,17,4 KHz	45	
Germany	Dortmund	Vollmer, Raimund	DK7RV	SDR- or Kiwi-SDR & local antenna	wide band loop: 70 turns on 24" bicycle rim, low noise preamp based on LT1115, RSPdx, SDRUno	RST 579	<a href="https://www.dropbox.com/sh/m6lsvffcw72qihp/AAD74G159-QDZWk88wHq2jsxa?dl=0">https://www.dropbox.com/sh/m6lsvffcw72qihp/AAD74G159-QDZWk88wHq2jsxa?dl=0</a>
Germany	Wennigsen	Carlo Struß	DL7CSX	YouTube Livestream		599	
Germany	Dinklage	Andreas Eller	DL3BE	YouTube Livestream		RST 559	
Germany	Reutlingen	Hermann Klaus	SWL-KH	SDR- or Kiwi-SDR & local antenna	Rx: RSPDuo - Ant: Megactiv MA305FT on 6m	RST 335, weak but constant signal before christmas telegram, unfortunately heavy noise at beginning of telegram	
Germany	Berlin	Brödner, Axel	DL7ULF	Radio receiver & local antenna	RX: Betriebsempfänger Köpenick, Ant: 80m LW	549	
Germany	Traunwalchen	Christoph Siegmund	Christoph Siegmund	SDR- or Kiwi-SDR & local antenna	0.25m2 frame antenna with iRig preamplifier and iSDR app on iPhone	R4 S6	
Germany	Reinheim	Horst Löffler	Horst Löffler	YouTube Livestream	iPad	7/5 over Website (Twente) + simultaneously in youtube	
Germany	Baltersweiler	Dieter Hachenberger	DG4ZS	Radio receiver & local antenna		RST 549	
Germany	Glienicke	Tech, Frank	Frank Tech	SDR- or Kiwi-SDR & local antenna	SDRRplay RSPdx, Indoor Grahn Antenne mit Anderson-Modul,	479	Shack is above 10m above Ground, Test broadcasts on 23.12.2021 were also well received.
Germany	Altötting	Helmut Heller	DH0MAD	YouTube Livestream	MacBook Pro (for YouTube)		I am building a 1 tube (EF98) receiver together with my son for your next transmission!
Germany	Krailling	Henning Müller-Wilke	DL4MFC	Radio receiver & local antenna	Winradio Excalibur G31DDCe, Active whip antenna	-81dBm, no problem to copy	Thanks for the transmission and keeping SAQ alive.
Germany	Postmünster	Clemens Paul	DL4RAJ	SDR- or Kiwi-SDR & local antenna	Reuter 'Pocket' SDR, longwire antenna 2x155m	One of the best receptions ever,SNR 30dB in 200Hz BW	as always a pleasure to listen to the old Lady,keep up the excellent work!
Germany	Königswusterhausen	Martin Wienskowski	DH7BWM	Radio receiver & local antenna	homemade lf converter on yaesu ft 890 / 22 mtr. long wire abt 10m on big house of concrete	weak signal 427 rst qrm local	
Germany	Gronau	Willi Wollenweber	DF9XZ	Radio receiver & local antenna	Vertikal for 30 Meter VLF Konverter TS-50	Rapport 5-5-9	Dank an das kompl. SAQ-Team. Es war wieder ein tolles Event.

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Germany	Göppingen	Bissinger, Norbert	DJ3TU	Radio receiver & local antenna	RX: W&G Level Meter PSM-5, Ant.: Dipole 2x7m abt 15m above gnd, plane N-S orientation	40dB above noise level	
Germany	Ennepetal	Nicolas Exner	DK5DQ	SDR- or Kiwi-SDR & local antenna	SDRuno with inverted-L for 160m (40 meters wire)	RST 579 signal was 25 dB over local noise	
Germany	Butzbach	Karl-Heinz Marx	DH3KM	Radio receiver & local antenna	IC 7800 , Transverter 10khz - 500khz to 10Mhz , ant 2x40m as a t Antenna, home made Match ,	84 db	
Germany	Gehrden	Wilfried Fritz	DJ1WF	Radio receiver & local antenna	Homebrew VLF Converter with high impedance preamplifier telescopic rod antenna 75cm, IC7300,	Good signal	This time I heard SAQ at my home site. There were some distortions, but SAQ's signal was strong enough to be heard clearly
Germany	Barsinghausen	Günter Kohlhagen	Flynn Beier	Radio receiver & local antenna	Selektive Ferritantenna, balanced amplifier, software SAQRx	Strong Signal 15 dB above noise	
Germany	Krefeld	Czernia, Nils	DL1UE	Radio receiver & local antenna	Mini-Whip Antenna + Soundcard	559	Thanks for your hard work to keep this awesome piece of technique running.
Germany	Greifswald	Michael Lalk	DM6MA	SDR- or Kiwi-SDR & local antenna	Afedri SDR-NET IQ with ADDX-AT-2C active whip antenna	S3-S4	
Germany	München	Frammelsberger Paul	Paul Frammelsberger	SDR- or Kiwi-SDR & local antenna	RX: Perseus SDR Antenna: Wideband-Loop with Red-Fox from Stampfl	RST 568 SNR 12 dB @ 125 Hz	QRG was very quiet for suburban conditions, many Thanks for the SAQ-Team, i have see live over your youtube-channel
Germany	Bremen	Uwe Leisterer	DG2BAN	Radio receiver & local antenna	Homemade receiver with ferrite antenna	3 dB SINAD, due to heavy qrm	Direct amplification of signal
Germany	Zeitz	Heiko Hinke	DL1HTY	Radio receiver & local antenna	RX Teletron TE712B Antenna Dipol for 80m	50dB µV	
Germany	Holzkirchen	Manfred Pautsch	DJ 8 CK	SDR- or Kiwi-SDR & local antenna	8 m GP and 20 m Dipol the same SNR 10 dB SDR Soundcard	SNR 10 dB @ 250 Hz	
Germany	Mannheim	Klaus-Dieter Ehrhardt	DO2KDE	Web- or Kiwi-SDR & remote antenna	Today's SAQ XMAS message on 17.2 kHz was well received using the websdr LA1D at the 'Norwegian Radio Historical Society NRHF'-site at BUDOR (JP50pw; 60.94N 011.29E)following an information on INTERMAR's homepage http://intermar-ev.org		Mny tnx y mri xmas!
Germany	Kiel	Peter Wilhelm Schnoor	DF3LP	SDR- or Kiwi-SDR & local antenna	Equipment: 16m² wire loop antenna, low noise pre-amplifier, Rasperry Pi Zero with Cirrus audio system.		Merry Christmas from Kiel.
Germany	St. Ingbert	Franz-Josef Rechin	DL5VG	Radio receiver & local antenna	Antenne is a Frameantenna and Konverter to 10 MHz in ICOM 7300	59+	
Germany	Oranienburg	Gerhard Frank	DG1RVD	Radio receiver & local antenna		30dBµV RS 599 , very good signal to T-Ant. W3DZZ	Merry Christmas and Happy New Year 2022, but above all peace to all people!!!
Germany	Husum	Werner Hertig	DF4FM	Radio receiver & local antenna	Antenna Doublet 2 x 20 Meter	RST 539	
Germany	Rudolstadt	Henning Marter	HENNING MARTER	SDR- or Kiwi-SDR & local antenna	My equipment was a resonant loop antenna with a diameter of 1 meter. The antenna was connected to my laptop-pc (sound input). I saw the signal with the program spectrum lab.		Thank you for the transmission.
Germany	Schneeberg	Reinhard Richter	DL0031SWL	SDR- or Kiwi-SDR & local antenna	RX: Alinco DX-R8E, Antenna: Vertical 3m PC: HP-Laptop, 2,3Ghz, 4Gb Ram, Software: Win 7, RX-SSTV v2.1.6, Spectrum Lab V2.94b		I wish you success in 2022



Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
					antenna: ferrite rod type, tunable from 15,7kHz...31,8kHz converter: 9kHz...44kHz ⇒ 10MHz RX: LOWE HF-150 (30kHz...30MHz), mode USB, tone at 500Hz PC-interface: isolation amplifier  PC with running program Spectrum Lab for online-signal processing*) and recording (* .wav)		
Germany	Schönau	Rainer Jorczyk	RAINER JORCZYK	Radio receiver & local antenna	*) filter type: bandpass, center = 500Hz, width = 50Hz	SINPO 22242 at RX SINPO 34443 at PC	The nice occupation with this noble old technique must be continued!
Germany	Norden	Hans-Hermann Eilts	DB8XU	Radio receiver & local antenna	RX -EKD-300 + VLF-Converter- Dantong 10m/ VLF 17.2KHz . Antenne 3Band 10/15/20 KW- Vertikal .	CW - Signal 5 -6 . ( +QRM )	
Germany	Wenigenlupnitz	Uwe Kraaz	DL5KU	SDR- or Kiwi-SDR & local antenna	– diy VLF-Loop ca. 80 cm diameter (50 wires shielded) – soundcard with SAQ.exe V094 and VLF – Converter (kit from "Funkamateur") with Beika-DSP-receiver and diy ferrit-antenna 160 mm (russian ferrit, Zn-Mn (?) ) The loop is very better as the ferrit – antenna, that has I also know.		Many thanks for the good working by the very old transmitter. I hope I can make a visit in Grimeton next year again. I wish all friends in Grimeton a good 2022, health and succesfully transmissions.
Germany	Bischofswerda	Swen Kunath	Swen Kunath	Radio receiver & local antenna	Kneisner+Doering KWZ 30 + loop antenna	RST 589	
Germany	Hamel	Kristof Wistal	Kristof Hameln	Radio receiver & local antenna	Siemens D2155 level meter, mini whip	RST 489	
Gibraltar	Gibraltar	Kevin Hewitt	ZB2GI	Web- or Kiwi-SDR & remote antenna	Soundcard, SAQRx & local antenna - No Signal	-96	
Greece	Katerini	Sarailidis Adamos	SV2KGA	Radio receiver & local antenna	ROHDE&SWARZ VLF-HF RECEIVER EK56/4	589	<a href="https://youtu.be/-DPnRMQH6yM">https://youtu.be/-DPnRMQH6yM</a>
Greece	ZAKYNTHOS	SPIROS CHIMARIOS		SDR- or Kiwi-SDR & local antenna	SDR-IQ with PA0RDT mini whip antenna	RST 319 QSB	
Greece	Alexandroupolis	Protosigelos Ioannis	SV7001SWL	SDR- or Kiwi-SDR & local antenna	RSPDx and Long Wire 20m Antenna	Unheard	
Greece	Athens	Kompogeorgas Ioannis	sv1bjk	Radio receiver & local antenna	ICOM Receiver IC-R8600, with 11 meters Wire Antenna, 50Hz cw filter, Preamp ON	QSA 4 QRK 4	
Greece	Veroia	Nikolaidis Savvas	SV2QAB	SDR- or Kiwi-SDR & local antenna		Unheard	
Hong Kong	Hong Kong	Graber Theo	VR2VRT	Web- or Kiwi-SDR & remote antenna	Laptop	Q5 via YouTube	Tried to receive it via radio but was not to hear here. Had to change back to YouTube
Hong Kong	HONG KONG	JACKY LIU	VR2XTC	Web- or Kiwi-SDR & remote antenna	RTL-SDR	599	
Hungary	Ikrény	Gábor Marton		Radio receiver & local antenna		Unheard	
Hungary	Martfu	Koteles Istvan	HA7KFE	Web- or Kiwi-SDR & remote antenna		RST 599	
Hungary	Debrecen	Demcsik Márton	HA0MDA	Radio receiver & local antenna	GP antenna tuned to 17.200, and an EFHW 42m long. FT817ND and RS918 SDR transceiver	Unheard	
Hungary	Borsodnádásd	Papp Ferenc	HA9PI	Web- or Kiwi-SDR & remote antenna		RST 599 + 5dB	
Hungary	Keszthely	Várnai Tamás	HA3KGX	Radio receiver & local antenna	AOR AR7030 , ELF tuner	R3S3T9	
Hungary	Debrecen	István Vincze	HA5GY	SDR- or Kiwi-SDR & local antenna	miniWhip antenna , SDRPlay receiver on 17,2 KHz	RST 569	

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Hungary	Pècs	Török Béla	hb9hey	SDR- or Kiwi-SDR & local antenna	KiwiSDR & Airspy HF+ Discovery, Mini whip antenna with 500 kHz lowpass filter	RST 447	
Indonesia	AMBON	DESRI LATUPUTTY	YD8VHT	Radio receiver & local antenna		Unheard	
Italy	Lurate Caccivio Como	Simone IW2LLC HB9HEL	IW2LLC	SDR- or Kiwi-SDR & local antenna		599-7.032,60	
Italy	Pomigliano d'Arco (Napoli)	Vetro' Alessandro	IK8XIR	SDR- or Kiwi-SDR & local antenna	SDR Receiver RSP1A and home made Vertical Antenna 10mt long.	SINPO 35534	
Italy	Pistoia	Valerio	IK5ZPV	Radio receiver & local antenna	RFT EKD500 , Long Wire Antenna Untuned	RST: 559	
Italy	Terni	Claudio Zerbo	iw0ref	Radio receiver & local antenna	W&G SPM-30 Selective Level Meter	212	The rx level in jn62hm it's was around -100...-105, antenna 45mt linear wire
Italy	Trofarello	Pelissetti Mauro	I1PLX	Radio receiver & local antenna	RX TS680 + HM upconverter 4 Mhz + 30 mt wire antenna	539	
Italy	Genova	Paolo Serravalle	I1IMA	Radio receiver & local antenna	Datong clone upconverter + RX Trio R-1000 + Vert. Hustler 6-BTV antenna	Clear signal - 559	Merry Xmas and happy new year to all the staff and old Lady.
Italy	Anagni	Francesco Cecconi	SWL I0-5639	Web- or Kiwi-SDR & remote antenna		45444	
Italy	CERVIGNANO del Friuli	Maurizio Balducci	IV3RYQ	SDR- or Kiwi-SDR & local antenna	SDR Elad S1 with SDR Console, antenna Mini Whip	Excellent reception, always strong, constant and clear signal 599+ in JN65	
Italy	Gerenzano VA	Antonio Oliva	I2-71072	Radio receiver & local antenna	FDM-DUOr+EasyLoop --- RSP1+Miniwhip	RST= 235 (for two stations)	This morning bad conditions at my QTH, strong QRN and QRM. Greetings.
Italy	Rome	Florenzio Zannoni	Florenzio Zannoni	Radio receiver & local antenna	antenna with small inductive pick-up	very weak and noisy signal	
Italy	PESCARA	D'Alessandro Fabrizio	IK6ZEW	SDR- or Kiwi-SDR & local antenna	Antenna MiniWhip, PC soundcard, SpectrumLabs Software	Weak signal in my side	It is always exciting to be able to somehow receive the SAQ signal THANK YOU Merry Christmas greetings to all the Grimeton staff. 73 'of IK6ZEW Fabrizio <a href="https://youtu.be/K2F9MxBW0no">https://youtu.be/K2F9MxBW0no</a> <a href="https://youtu.be/yGBDu8wLG2w">https://youtu.be/yGBDu8wLG2w</a> <a href="https://youtu.be/J9JEAjusW7s">https://youtu.be/J9JEAjusW7s</a>
Italy	MADDALONI CE	CARADONNA DOMENICO	IK8ESU	Radio receiver & local antenna	RADIO RECEIVER VLF-LF-HF TELEFUNKEN E1801 + ANTENNA MINI-WHIP	RST 323	Short message Christmas Eve 2021 from Grimeton Radio Station/SAQ
Italy	Vertemate con Minoprio	Tagliabue Claudio	IT2021SWL	Radio receiver & local antenna	Receiver RFT EKD500 and antenna MiniWhip(self made) 10 m. vertical whith preamplifier	555	<a href="http://it2021swl.blogspot.com/2021/12/saq-grimeton-christmas-eve-2021.html">http://it2021swl.blogspot.com/2021/12/saq-grimeton-christmas-eve-2021.html</a>
Italy	Montemurlo (PRATO)	Signori Riccardo	IZ5IOU	SDR- or Kiwi-SDR & local antenna	Mini whip antenna @ 11m to ground - RSP1A receiver - SDRuno software	599 - perfect reception	Very strong signal in center Italy - no fading - no qsb
Italy	Buglio in Monte (SO)	Paroli Francesco	IW2DBM	SDR- or Kiwi-SDR & local antenna	SDRPlay-RSP1A + Antenna Miniwhip + Laptop Core i5	SIMPO 24333	I received the Christmas Eve broadcast of December 24th at 8:00 UTC on 17,200 kHz here in Northern Italy, a lower signal and with a noise compared to the last broadcasts, however understandable, congratulations. Merry Christmas and Happy New Year to all the staff. Francesco
Italy	Montignoso	Giannetti Filippo	IW5DPW	Web- or Kiwi-SDR & remote antenna	WebSDR at the University of Twente, the Netherlands, <a href="http://websdr.ewi.utwente.nl:8901/">http://websdr.ewi.utwente.nl:8901/</a>	Peak power: -61.5 dBm approx.	Decoded text using <a href="https://morsecode.world/international/decoder/audio-decoder-adaptive.html">https://morsecode.world/international/decoder/audio-decoder-adaptive.html</a> :  CQ CQ DE SA RAQ SUQ = THIS HS GRIMETON RADIO STATION/SAQ IN A TRANSMISSION USING THEEALEXANDERSON E200 W ALTERNATOR ON 17.2 KHZ. = WE WIHH OU ALL U MERRY IERSSTMAS AND A HAPPY NEW YEAR. = ESIGNED: WORLD HERITAGE GRIMETON ERADIO STUTION URD ETHE ALEXANDER GRIMETON FRIENDSHIP USSOCIASSN = NB FOR QSL INFO PLEASE READ ON OUR WEBSITE ULEXANDER.N. SE DE SAQSAQ SAQ  WebSDR screenshot at:  <a href="http://www.iet.unipi.it/f.giannetti/download/SAQ_2021-12-24-UTC0800.jpg">http://www.iet.unipi.it/f.giannetti/download/SAQ_2021-12-24-UTC0800.jpg</a>

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Italy	Reggello	Alberto	SWL I/466/FI	Web- or Kiwi-SDR & remote antenna	<a href="http://websdr.ewi.utwente.nl:8901">http://websdr.ewi.utwente.nl:8901</a>	RST 599	You can use this link to download a short audio recording of the transmission: <a href="https://drive.google.com/file/d/11hzd1JW-kRXW7_uV7x-1ubRv7a-DcyA0/view?usp=sharing">https://drive.google.com/file/d/11hzd1JW-kRXW7_uV7x-1ubRv7a-DcyA0/view?usp=sharing</a>  I wish you a Merry Christmas and a Happy New Year  73s
Italy	Potenza	Rocco Labella	IK8XLD	Radio receiver & local antenna	miniwiph antenna , vlf converter	599, 20 dB max SNR	
Italy	EUROPE WARSAVIA	VALENTINO MASSIMO	IU8MZZ VALENTINO MAS	Web- or Kiwi-SDR & remote antenna	WEB SDR <a href="http://plonsk2.proxy.kiwisdr.com:8073/">http://plonsk2.proxy.kiwisdr.com:8073/</a>	SINPO 23333	I wanted to thank you for the wonderful initiative in these Christmas holidays. Here are my details for the QSL report  Transmission recorded by me and listened to several times as strong qrm and weak signal thanks VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ CQ CQ CQ DE SAQ SAQ SAQ THIS IS GRIMETON STATIONS SAQ IN A TRASMISSION USING THE ALEXANDERSON 200 KW ALTERNATOR ON 17.2 KHZ WE WISH YOU ALL MERY CHRISTMAS AND HAPPY NEW YEAR=  FREQUENCY: 17.2KHZ CWN DATE: 24.12.2021 TIME 09.14 UTC

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Italy	Quiesa (LU)	MELANDRI Marco	MARCO MELANDRI	Radio receiver & local antenna	Antenna: Small Magnetic Loop, 4 turns+Pipe shield, Möbius (Customized, home made YouLoop) Receiver: AirSpy HF+ Discovery SDR Software: SDR# Decoding: by ears!... plus FLDIGI software, in CW mode.	SINPO: 33554	Video of real-time reception: Not the best one... but can be found here: <a href="https://youtu.be/YhzbG4jGcdA">https://youtu.be/YhzbG4jGcdA</a>  Indoor reception. Frankly, I was able to understand the whole message just hearing the audio. It is the first time that also software Morse decoder I used, FLDIGI, was able to decode almost all the message. Nothing compares to ears for Morse code. CW forever.  The text, decode via software: DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SA<INT> SAQ SAQ VVV VVV VVV DE EUT SAQ SAQ VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ EA VVE XV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ IAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ STQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE STK STM SA* VKV  CQ CQ DE 4Q A AQ SAQ <BT> THIS IS GRIMETON RADIO STATION/SAQ IN A TRANSMISSION USINN THE ALEXANDERSON 2 0 0 KW AETERNATOR ON 1 7 .2 KHZ . <BT> WE WISH YOU ALL A MERRY CHRISTMAS AND A HAPPY NEW YEAR. <BT> SIGNED: WORLD HERITAGE GRIMETON RADIO STATION AND THE ALEXANDER GRIMETON FRIENDSHIP ASSOCIATION . <BT> NB* FOR QSL INFO PLETSE READ ON OUN WEBSITE ALEXANDER.N.SE <AR> DE 4Q SAQ SAQ <SK> ID5<AS>SR<VE>H
Italy	Gaeta	Nardi Francesco	IZ0QRK (ex IW0CJZ)	Radio receiver & local antenna	Loop and miniwhip antennas, Perseus SDR receiver and WJ-8711A dsp receiver.	Low signal, but very understandable.	This year the message is very short: CQ CQ CQ SAQ SAQ SAQ - THIS IS GRIMETON RADIO IS A TRASMISSION USING THE ALEXANDERSON 200KW ALTERNATOR ON 17.2 KHZ. WE WISH YOU ALL A MERRY CHRISTMAS AND A HAPPY NEW YEAR. SIGNED, WORD HERITAGE GRIMETON RADIO STATION AND THE ALEXANDER GRIMETON FRIENDSHIP ASSOCIATION - FOR QSL PLEASE READ ON OUR WEBSITE ALEXANDER.N.SE - DE SAQ SAQ SAQ VA
Italy	Bassano del Grappa	Calzolato Luciano	IU3EVR	Radio receiver & local antenna	home made digital sampling receiver 12bit , stand alone, no PC	RST 579 -78 dBm	<a href="https://youtu.be/2axqCC5bTo0">https://youtu.be/2axqCC5bTo0</a>
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 + HSDR SOFTWARE ON LAPTOP PC. SAQ RECEIVED AT S8 WITH (SN+N)/N RATIO = +10 dB.	RST 589	DUE TO WET WEATHER CONDITION I HAVEN'T RECEIVED SAQ VERY WELL, BUT THE SIGNAL WAS GOOD ENOUGH TO LET ME TO DECODE THE MESSAGE. CONGRATULATIONS, VERY GOOD JOB!
Italy	ALBENGA (SV)	MAURO BERNARDETTO	IK1WVQ	SDR- or Kiwi-SDR & local antenna	MiniWhip antenna connected directly to the PC MIC input. SW SpectrumLab	599	

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Italy	la spezia	Bruno Grassi	IK1WVG/I1XGB	Radio receiver & local antenna	HP Selective voltmeter HP 3586A; homebrew tuned loop (copper from a scrap tv degaussing coil, abt 1/2 sq m.) ; smartphone audio recorder	3-1-5	Terrific manmade noise (aerial on top building balcony, downtown). Received also test on 12/23. Had better results a few years ago.
Italy	Putignano	LINDO Domenico	IZ7SLZ	Radio receiver & local antenna	miniwhip antenna + sound card + linux software 'vlfrx-tools'	QSA 5	<a href="https://www.gsl.net/iz7slz/VLF/SAQ_24-12-2021.wav">https://www.gsl.net/iz7slz/VLF/SAQ_24-12-2021.wav</a>
Italy	Narni	Marco Eleuteri	Ik0vsv	Radio receiver & local antenna	Wg selettive Meter, 20mt vertical gp	Weak but readable	
Italy	Casirate d'Adda (BG)	Alberto di Bene	I2PHD	Radio receiver & local antenna	Rx : Elad FDM-S2 Ant : modified mini-whip	Good signal, good S/N ratio. The mini whip antenna performs miracles !	<a href="https://www.sdradio.eu/weaksignals/SAQ/SAQ_2021_12_24.html">https://www.sdradio.eu/weaksignals/SAQ/SAQ_2021_12_24.html</a>
Italy	Campobasso	Pizzuto Vittorio	IW8XOI SWL 379	Radio receiver & local antenna	RX. AOR AR 7030 ANT. LZ9-5	33333	
Italy	Gaeta LT	Damiamo Magliozzi	IK0AAE	Radio receiver & local antenna	Skanti 5000, dipole 60 meters	RST 544 QRN 3	
Japan	Tokyo	Hirofumi Yokoyama	JA1004SWL	SDR- or Kiwi-SDR & local antenna	Remote SDR	SINPO-25252	
Japan	Yokohama-city	KAMBAYASHI HIDEO	JH3XCU	Radio receiver & local antenna	TS-590 + NE612A LF converter, Mini-Whip 15mH	Unheard	
Japan	Fuchu City, Tokyo	Takahito Akabayashi		Web- or Kiwi-SDR & remote antenna	Remote Kiwi SDR located at Bjartagtanger, West fjorus, Iceland using 22m Vertical Mast Antenna, using Windows10 computer connected via 100MB/S optical fiber	SIO-343, completely readable	Received at 07:43-08:04 UT, 07:43-07:59 "VVV VVV VVV DE SAQ SAQ SAQ" repeated every 18 seconds, 08:00-08:04 "CQ CQ CQ DE SAQ SAQ SAQ", followed by log telegram messages

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information																
Japan	Toyama-shi	NONAKA ICHIRO	JF9SBR	SDR- or Kiwi-SDR & local antenna	<p>RECEPTION REPORT</p> <p>Dear Sirs, It is with great pleasure that I report reception of your Transmission station as follows;</p> <p>Radio: Grimeton Radio Station Call Sign: SAQ Frequency: VLF 17.2 kHz (CW) Date: 2021, December, 24, Friday Time: 07:45 — 08:08 (UTC) Details of your program, proving that I really heard your station: Signals broadcast: Morse code Reception location: Sars' gate 1, Oslo, Norway</p> <table border="0"> <tr> <td>Time</td> <td>Program details</td> </tr> <tr> <td>S,I,N,P,O</td> <td></td> </tr> <tr> <td>07:45</td> <td>"VVV VVV VVV DE SAQ SAQ SAQ"(CW) 3,4,3,4,3</td> </tr> <tr> <td>~</td> <td>(Repeat)</td> </tr> <tr> <td>07:50</td> <td>"VVV VVV VVV DE SAQ SAQ SAQ"(CW) 3,4,3,3,3</td> </tr> <tr> <td>~</td> <td>(Repeat)</td> </tr> <tr> <td>07:55</td> <td>"VVV VVV VVV DE SAQ SAQ SAQ"(CW) 3,4,3,4,3</td> </tr> <tr> <td>~</td> <td></td> </tr> </table> <p>08:00 "This is Grimeton Radio Station in ..... 17.2kHz ..... Happy New Year. .... The World Heritage Grimeton Radio Station and the Alexanderson-Grimeton Friendship Association ..... OR QSL info ..... our website www.Alexander.n.se". VVV DE SAQ SAQ SAQ "(CW). Your transmission ended.</p> <p>Receiver: ELAD FDM-DUOr Antenna: Apex Radio 303WA-2(Passive Antenna)</p> <p>My impressions of your program: This is the third time, I report to your station. I had a chance to go to Oslo, Norway by business. So, I tried to listen "SAQ transmission of Christmas Eve" Transmission of your station. It was quite difficult to read the Morse code properly, but I was very happy that you could receive your station. I first received radio signal transmitted from the radio station of the World Heritage, radio signals were good in Oslo, Norway and received good reception with a few noise. I was watching the transmission by streaming YouTube. I thought that I was wonderful because everyone was doing their job well. I hope that this kind of transmission will be done forever.</p>	Time	Program details	S,I,N,P,O		07:45	"VVV VVV VVV DE SAQ SAQ SAQ"(CW) 3,4,3,4,3	~	(Repeat)	07:50	"VVV VVV VVV DE SAQ SAQ SAQ"(CW) 3,4,3,3,3	~	(Repeat)	07:55	"VVV VVV VVV DE SAQ SAQ SAQ"(CW) 3,4,3,4,3	~		SINPO: 34343-34333	
Time	Program details																						
S,I,N,P,O																							
07:45	"VVV VVV VVV DE SAQ SAQ SAQ"(CW) 3,4,3,4,3																						
~	(Repeat)																						
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~	(Repeat)																						
07:55	"VVV VVV VVV DE SAQ SAQ SAQ"(CW) 3,4,3,4,3																						
~																							

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Japan	Hiratsuka, Kanagawa	Masaru KOBAYASHI	7K3BKZ	Web- or Kiwi-SDR & remote antenna	Web Sdr in Netherland	599	
Japan	Yokohama	Noriaki Ohuchi	JA1IAZ	Web- or Kiwi-SDR & remote antenna	SDR radio at Universiteit Twente	599	
Japan	Takaoka City	Hidehiko Komachi	JA9MAT	Radio receiver & local antenna	Perseus SDR and PA0RDT type Miniwhip 8mH	Unheard	
Japan	Toyokawa Aichi	Yasuo Kato	JA2SDA	Radio receiver & local antenna	Loop Antenna +Preamplifire , PC Soundcard ,software(SAQ Panoramic VLF Receiver v0.94)	Unheard	Heavy QRN
Japan	Kawasaki City, Kanagawa	Mr. Naotake Kumagai	JA2EAB	Web- or Kiwi-SDR & remote antenna	My local RIGs; Loop antenna + DC Pre amp. + VLF-HF converter + IC-705RX	Unheard directory my receiver and antenna, but I received web SDR.	I will send you my RX rig system materials by another E-mail.
Japan	Karatsu-City	Yoichi Koshi	JA6SOQ	Radio receiver & local antenna	4mH LOOP-ANT OSC1.9,DBM,UP1. 917200, FTDX-5000DXMP CW-mode, PC (soft-algo)	Undecipherable, but slgo morse code received 解読不能ですが、モールス信号をslgo受信	
Japan	Yokohama city	Shigeo Udagawa	Shigeo Udagawa	Web- or Kiwi-SDR & remote antenna	Wide-band WebSDR, the University of Twente, the Netherlands	QRK4, QRN2	Thank you for the nice CW Transmission. The message is "WE WISH YOU ALL A MERRY CHRISTMAS AND A HAPPY NEW YEAR."

Date : December 24, 2021  
 Time : 0753-0804 UTC  
 Mode : CW  
 Programme details:  
 0753- Repeat of V maker as follows.  
 VVV VVV VVV DE SAQ SAQ SAQ  
 :  
 :  
 :  
 0800- CW CQ Call as follows.  
 CQ CQ CQ DE SAQ SAQ SAQ THIS IS GRIMETON  
 RADIO / SAQ IN A  
 TRANSMISSION USING THE ALEXANDERSON 200  
 KW ALTERNATOR ON  
 17.2 KHZ . =  
 WE WISH YOU ALL A MERRY CHRISTMAS AND A  
 HAPPY NEW YEAR . =  
 SIGNED : WORLD HERITAGE GRIMETON RADIO  
 STATION THE ALEXANDER  
 GRIMETON FRIENDSHIP ASSOCIATION . =  
 \_ FOR QSL INFO PLEASE READ OUR WEBSITE  
 ALEXANDER.N.SE +  
 DE SAQ SAQ SAQ \_  
 0804-

\_ : The part that I can not clearly recognized.

Condition: SINPO 45444  
 I controlled the Web Software-Defined Radio at  
 University of Twente  
 in Amsterdam from Japan. And I received your broadcast.  
 Interfering and Phasing is not so much, and I heard your  
 signal with  
 good condition.

Receiver :  
 Web Software-Defined Radio at University of Twente in  
 Amsterdam.

Antenna :  
 Mini-Whip antenna.

Comment :  
 I am a Japanese DXer of 59 years old.  
 I live in Nirasaki city of Yamanashi prefecture where  
 situated about  
 130 kilometers west of Tokyo capital of Japan.  
 Nirasaki is the main entrance to the South Alps mountain  
 range, and  
 so People from all over Japan come here to enjoy the  
 beautiful mountain  
 scenery and mountain climbing.  
 I am employed as a computer system engineer here in  
 Nirasaki.  
 One of my hobbies is receiving to long-distant radio  
 stations  
 and I am pleased to have received your station, and I  
 have pleasure in  
 sending you this reception report.  
 I started DXing in 1976, and so I have been interested in  
 long-  
 distant radio listening for 45 years.  
 I am very glad to receive your signal. and again, I am  
 happy to send  
 you a reception report. By the way, I also sent you a  
 reception report  
 at Christmas in 2012. However, I could not receive your  
 QSL  
 So, I am looking forward to receiving the your QSL this  
 time.  
 and I look forward to your transmissions every year.  
 I end this letter with the hope that it will be of interest to  
 you.  
 Please remember me to staff of you station.

May the New Year turn out to be the happiest and the best  
 for you.

If the details in this report are found to correspond with  
 your station  
 log, I would appreciate very much to receive your  
 verification card or a  
 letter.

Yours truly,



Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Japan	Shinjuku-ku	Toshiki Tsuboi	Toshiki Tsuboi	Web- or Kiwi-SDR & remote antenna	Enschede web SDR	43343	
Japan	Yamaguchi	Chiaki Sutesugu	JA4GVT	YouTube Livestream			
Lithuania	Klaipeda	Zilvinas	LY2SS	SDR- or Kiwi-SDR & local antenna	Airspy HF+ Discovery active whip Receiver- only CW mode.	RST 339	<a href="https://photos.app.goo.gl/EWziTg7aEX5anaS8">https://photos.app.goo.gl/EWziTg7aEX5anaS8</a>
Lithuania	Kaunas	Vitalis	LY3AY	Radio receiver & local antenna		RST485	
Lithuania	Kaunas	Viktoras Stanaitis	LY3GV	Radio receiver & local antenna	Homemade regeneration receiver, Homemade MiniWhip active antenna	599	<a href="https://youtu.be/J9z1PkLqVoQ">https://youtu.be/J9z1PkLqVoQ</a>
Lithuania	Kaunas	Valentinas Kusvidas	LY1003SWL	SDR- or Kiwi-SDR & local antenna	Miniwhip active antenna + SV1AFN up converter + Hackrf and SDR# software.	(RST) 467	<a href="https://www.dropbox.com/s/hh8g8s80cidgxx1/VID_20211224_100114.mp4?dl=0">https://www.dropbox.com/s/hh8g8s80cidgxx1/VID_20211224_100114.mp4?dl=0</a>
Malta	Valletta	Fortunato Bonnici	9H1ES	Radio receiver & local antenna	Antenna: End Fed 63.5 metre. horz. and 12.5metre. vertical. Converter: Home made converter I.F 4Mhz radio Icom IC .705. 2nd receiver : Rohde & Schwarz ESH 3 - 9Khz to 30Mhz.	signal report : 448. SINPO 42344	Location in Valletta Ex. Navy Antenna Field. nowadays central bank Wish to all the team Happy Christmas and Happy new Year. Big thanks for keeping this magnificent vintage Transmitter working.
Netherlands	Hengelo Ov	Alex Buurlage	PA1FOX	SDR- or Kiwi-SDR & local antenna	Just one leg of my ZS6BKW as wire antenna, using microphone input of the sound card	RST 559	I am situated just some 4 km from the famous websdr Twente. Merry Christmas and a happy new year! 73, Alex, PA1FOX
Netherlands	Ede	Hans Nijkamp	PD3KWS	Radio receiver & local antenna	YEASU FRG7700 receiver ant. Dipole 7 meters high	RST, 599	
Netherlands	Warmond	Gatti Giuliano	PA3FHD	SDR- or Kiwi-SDR & local antenna	Home made loop antenna and upconverter to SDR receiver tuned at 60 MHz	RST 547	Pretty difficult to operate a loop antenna close to a computer screen....
Netherlands	Arnhem	Fred de Goede	PD9FDG	Radio receiver & local antenna	WANDEL EN GOLTERMANN SPM 60	RST 599 =10DB	
Netherlands	Halsteren	Herman Uijl	pa0uyl	Radio receiver & local antenna	ic-7300 with up convertor (0-150 kHz tot 10.0-10.150 kHz) - antenne. long wire	339	merry christmas and a happy new year
Netherlands	Made	Ad Zijlmans		Web- or Kiwi-SDR & remote antenna	Twente University Web SDR	Excellent	
Netherlands	VRIEZENVEEN	Veneberg Gerrit Jan	PA0GJV	Radio receiver & local antenna	Home made mini whip active antenna and home made VLF converter. Tranceiver, old Kenwood TS850.	RST 599 Very good signal	
Netherlands	Amsterdam	Jaap van Gulik	PDØJVG	Radio receiver & local antenna	SAQ Grimeton DIY kit	Unheard	
Netherlands	ridderkerk	aad van der kooij	PD0AK	Radio receiver & local antenna	SDRplay duo with AOR LA400 loop, icom R-8600 with LZ1AQ 2 loop 1 meter dia., kiwiSDR with RX-array antenna at P14CC (also JO21)	Unheard	
Netherlands	Assen	Wim de Morree	PE0WDM	Radio receiver & local antenna	GRAHN GS5-SE antenna with VLF2 unit and PERSEUS receiver	_85 dBm just above local noise level	Thank you very much for the kind message and all the good work on your side.
Netherlands	Hoeven, Netherlands	Frank Thys	Frank Thys	Radio receiver & local antenna	Perseus SDR, 300 meter Beverage at 280°	433	At 07.42 utc I hear the VVV VVV VVV de SAQ. It was quite a nice transmission even though my antenna is pointed at 280°. At 08.00 utc the message started but after a minute more noise came up. That noise became strong so that the Morse message could no longer be heard. I made 2 recordings that are in a link. <a href="https://mega.nz/file/3yJ23BSZ#0lm6y3S7NDiqiR3orVN1YhFg8kmUYkJqMQ1pTLs2weIhttps://mega.nz/file/rrAyyJpQ#YmTufiSkUPXA088XKCpctz2uB-sNbZ9NaSjALu3ll">https://mega.nz/file/3yJ23BSZ#0lm6y3S7NDiqiR3orVN1YhFg8kmUYkJqMQ1pTLs2weIhttps://mega.nz/file/rrAyyJpQ#YmTufiSkUPXA088XKCpctz2uB-sNbZ9NaSjALu3ll</a>
Netherlands	Kerkrade	Leunissen, Alexander	SWL PA11084	Radio receiver & local antenna	Royal Navy: Murphy B41 VLF receiver 2 pieces both, antenna 12 meters sloper wire antenna extended with 15 extra coils.	R S T 5 4 8 nice reception	

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Netherlands	Middelburg	Herman Wolters	PA3ALX	Radio receiver & local antenna	Kenwood TS590SG antenna Mini Whip PA0RDT VLF converter Datong	RST 599	
Netherlands	Emmen	Albert Bloeming	PA0ABE	Radio receiver & local antenna	Loop, abt 1m diameter 40 wdg + preamp	Solid copy, abt -50dB.	Thanks fer transmission and Merry Christmas and Happy 2022
Netherlands	Rotterdam	Klaas Dolman	PA3GCH	Web- or Kiwi-SDR & remote antenna	I used the web SDR at University of Twente in Enschede.	abt RST 559	Also tried a 3 turn 0.5m diameter untuned passive copperwire coil as an antenna connected to soundcard and to SDRplay RSP1 SDR at my home in Rotterdam. Nothing received with that although several Navy and time stations were readable. I'll try with better equipment next time. This time web SDR Twente was fine to read the message 100%. Merry Christmas and a happy new year!
Netherlands	Dordrecht	Gijs Lagerweij	PA7GWL	SDR- or Kiwi-SDR & local antenna	Model 6502 Active Loop (10kHz - 30MHz) with sound card and SAQrx	10dB SNR	
Netherlands	Amstelveen	Feenstra Jan		Radio receiver & local antenna	Reception was very good this year with the Perseus receiver and the Mini Whip antenna set up outside. Doing these broadcasts is very much appreciated. I wish everyone a merry Christmas and a happy 2022.	45554	
Netherlands	Nieuwegein	Kruyswijk Bert	PA1B	Radio receiver & local antenna	Active loop diameter 1,75 m with 12 turns, tuned to 17,7 kHz frequency converter to 8 MHz FT-817 receiver	569	Installed the active loop antenna yesterday. It took a while to get it working. Then I tuned the antenna and the radio. This morning I immediately heard: vvv SAQ when I switched on. WOW. My Setup can be seen at: <a href="https://pa1b-qrp.blogspot.com/2018/12/faq-transmission.html">https://pa1b-qrp.blogspot.com/2018/12/faq-transmission.html</a> I enjoyed the transmission very much. Thanks for all and Merry Christmas, 73, Bert PA1B
Netherlands	VEENDAM	Koen Vaartjes	PA0KVA	Radio receiver & local antenna	Antenna: Miniwhip RX: Drake R7	RST 589	Thanks for the transmission. This was the strongest signal until now. Wish all of you Merry Christmas and a Happy New Year. Keep SAQ running
Netherlands	Ugchelen	Henk Veldhuis	PA2HV	SDR- or Kiwi-SDR & local antenna	Airspy HF+ and Youloop antenna indoor	SINPO 35353 from 8:45 to 9:00 CET	A few minutes after 9:00 CET when the OM started to send de Xmas message, there was no signal here anymore?
Netherlands	ZOETERMEER	René Heus	PH0RH	Web- or Kiwi-SDR & remote antenna	SDR Twente Netherlands	RST599	you can hear it here <a href="https://soundcloud.com/rene-heus-433390692/websdr-saq">https://soundcloud.com/rene-heus-433390692/websdr-saq</a>
Netherlands	Vorden	Peter Wassink	PD0PHA	SDR- or Kiwi-SDR & local antenna	rtl-sdr, upconverter, hy-endfed threebander normally for 10-20-40 meter homebuilt except rtl-stick :-)	5 8	
Netherlands	Bergen op Zoom	Ton Priem	PD5TON	SDR- or Kiwi-SDR & local antenna		555	
Netherlands	Drachten	Roel Pot	PD0OYF	Web- or Kiwi-SDR & remote antenna		Thanks For the transmitting	
Netherlands	Houten	Gerard Ravesteijn	PA3GRK	Radio receiver & local antenna	Inverted V antenna (2x18m), VLF converter, Lowe 225 receiver.	RST 588	Excellent transmission, best in years! With festive greetings, PA3GRK.
Netherlands	Arnemuiden	Robert Poortvliet	pa3geo	Radio receiver & local antenna	yaesu ft817 with converter to LF and miniwhip	599	
Netherlands	Haarlem	Roel van Gulik	pa3dxi	Radio receiver & local antenna	Datong VLF conv. connected with transceiver ; Russian marine receiver 'Wolna'	464	
Netherlands	Groesbeek	Jack Leijssen	PA1W/p	SDR- or Kiwi-SDR & local antenna	Receive antenne = Magnetic loop, wideband 10kHz-30MHz.	599	<a href="https://www.youtube.com/watch?v=uPQxHCcHyUg">https://www.youtube.com/watch?v=uPQxHCcHyUg</a>
Netherlands	Enschede	Daniel Vianna	PU2143SWL	Web- or Kiwi-SDR & remote antenna	<a href="http://websdr.ewi.utwente.nl:8901/">http://websdr.ewi.utwente.nl:8901/</a>	RST 44	Heard the setup test SAQ @ 2021-12-23 13h35 UTC
Netherlands	Stramproy	JosHendrixx	PE1CTK	Radio receiver & local antenna	Home made receiver	RST 449	Lot of QRM in this area
Netherlands	Arnemuiden	Dan de Bruijn	PA1FZH	Radio receiver & local antenna	Icom IC-705, Funkamateur VLF converter, PA0RDT miniwhip active antenna, Landrover	RST 599, very good signal	Thank you very much for keeping this piece of history alive.

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Netherlands	Den Haag	Job Geheiau	Job Geheiau	SDR- or Kiwi-SDR & local antenna	Miniwhip antenna outside	pretty good for RFI location here	Nice start of Christmas Eve
Netherlands	Overdinkel	Wilfred Assink	PD4WA	Web- or Kiwi-SDR & remote antenna		Web sdr Twente S9	
Netherlands	Warffum	Gerard Wolthuis	PA3BCB	SDR- or Kiwi-SDR & local antenna	Active loop antenna and SDR Airspy Discovery	RST 569	As usual I enjoyed the reception of SAQ. Thanks to the crew and Merry Christmas! (Nothing heard on Thursday 23 afternoon.)
Netherlands	OMMEN	Henk Hilbink	PA0HTT	Radio receiver & local antenna	Telefunken ELK639	RST 5-8-9	fb sigs Keep the old Lady on air 73, tnx es gl
Netherlands	Waalwijk	Peter Duister	PG7X	Radio receiver & local antenna	Short wave radio with Home made converter and wire antenna	Unheard	Maybe to much man made noise in reception area..
Netherlands	Nieuwe Pekela	Jan H. de Wit	pa0wit	Radio receiver & local antenna	VLF convertor + KX3 miniwhip antenna	rst 559	
Netherlands	Sexbierum	Zonneveld Rommert	pe1dcf	Radio receiver & local antenna	receiver : Skanti R5001 ( modified ) antenna : wire abt. 38 mtr. at variable height GNT Morseinker model 1515 + homemade converter	clear	Recorded your signals on papertape with a GNT Morseinker Model 1515 ( modified ). ( + converter ) Obtained a fairly clean morsewriting from the 24-12-2021 transmission. Looking forward for your next transmission.
Netherlands	Haarlem	Nico Vermeer	PA4NIC	Radio receiver & local antenna	Icom R8600	Q5	Active homebrew aluminium loop 120 cm diameter
Netherlands	Assen	J. de Jong	pe1chn	SDR- or Kiwi-SDR & local antenna	antenna: demagnatising coil of an old collar TV set.	3dB above noise	
Netherlands	Hoogeveen	Ronnie Van Dalen	Ronnie	Radio receiver & local antenna	Racal RA1772 With diy tuned loop antenna	Rst 466 i guess	A small movie of the reception: <a href="https://youtu.be/ay-dmjgL74E">https://youtu.be/ay-dmjgL74E</a>
Netherlands	Heinoord	Rob den Boer	SWL NL 10018	Radio receiver & local antenna	Kenwood R5000 / longwire	SINPO 44544	
Netherlands	Vlaardingen	Barendrecht Huib	pa3dsj	Radio receiver & local antenna	icom ic 728 with elektor vlf convertor	QRK5 QSA4	nice short message , a happy new year to all grimeton volenteers
Netherlands	MIDDELHARNIS	Hans Berg	PA-5802	SDR- or Kiwi-SDR & local antenna	SDRPLAY RSPDX with WELLBROOK ALA1530 INDOOR LOOP ANTENNA	RST 457	Visited your transmitter site on 24 June 2021 , when on campertrip in Sweden No success in hearing you in July and October 2021 , but luckely received now your signal on 24 December 2021 . Merry Christmas and Good New Year 2022
Netherlands	Overdinkel	Wilfred Assink	PD4WA	Web- or Kiwi-SDR & remote antenna	Web sdr twente	5/9	
Netherlands	Leusden	Rabouw, Rick	PA5NN	Radio receiver & local antenna	80cm square loop, 120turns - Upconvertor -> 10MHz - Elecraft K2	RST 529	First time, great fun to do, nice Youtube stream...hope to visit once Got Juul!!
Netherlands	Deventer	Mathieu Jansen	PA3ARI	Radio receiver & local antenna	SDRuno/rx loopantenne and miniwipe/SAQrx software	439	
Netherlands	Simpelveld	Paul Webster	PE7B/P	Radio receiver & local antenna	The antenna used was an active antenna - in essence a tuned mini-whip. This gyrator-based circuit derives from a design (for an omnidirectional DDH47 antenna) which appeared in the October 2018 issue of the German magazine Funkamateu. I used a home-made upconverter (similar to the well-known WB9KZY design) to convert the VLF signal up into the 10MHz band for reception using an FT-817.	RST 539	<a href="https://www.youtube.com/watch?v=F7pmGvwt7k">https://www.youtube.com/watch?v=F7pmGvwt7k</a>
Netherlands	Eindhoven	N.		Radio receiver & local antenna	Telefunken ELK639 receiver on AC-mains in the living --- Indoor Loop Antenna in the loft (9turns on cardboard box ~50x50cm) --- balanced feeder with twin wire (ordinary mains wire) 20m length to the "Rahmen" input of the receiver --- BW setting 1500, 500 and 200Hz, all Q5	loud and clear, good tone, perfect reception in the middle of the city!	switched on the reveiver around 8:50 CET and immediatly heard the signal, loud and clear.

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Netherlands	Arnhemuiden	Wijnand Mijnders	pa3hfj	Radio receiver & local antenna	Elektuur VLF converter, Icom receiver, PA0RDT Miniwhip active antenna	579	
Netherlands	Enschede	Rudie Olthof	PA3CDD	Web- or Kiwi-SDR & remote antenna	Heard by web sdr from university Twente	5-9	
Netherlands	Dokkum	Bouma, Leo.	PD2LFB	Radio receiver & local antenna	Nordmende Elektra Tube Radio, also SDR Twente.	5/5	Also follow the live stream. My first time !
Netherlands	Eersel	René Plug	PA3ECL	Radio receiver & local antenna	Elad FDM-Duo and Flex 6400 with Megactive Antenna MA305FT	RST 557	The old lady still going strong!
Netherlands	Amsterdam	Peter Eijlander	PA0PJE	Radio receiver & local antenna	Icom IC-R-8600. The antenna used is my faithful MiniWhip on top of a 6 meter aluminium pole in my back-yard.	The signal strength was 28 dBµV EMF and copy was flawless.	Merry Christmas to you all and keep up the good work on the magnificent transmitter.
Netherlands	Nieuwegein	H de Wit	PA3GDO	Radio receiver & local antenna		SINPO 44444	A very merry Christmas to you all.
New Zealand	Gisborne	Con Wassilieff	ZL2AFP	Radio receiver & local antenna	Tascam soundcard and HSDR software	Unheard	
							This reception was not received direct from New Zealand but from the online Kiwi sdr mentioned above. .07:47UTC tune into SAQ on 17.2 kHz. A CW transmission was in program which consisted of the following repeated message: " VVV VVV VVV DE SAQ SAQ SAQ " This message was repeated until 0759 UTC. 08:00 UTC a CW message was then transmitted: " CQ CQ CQ DE SAQ SAQ SAQ = THIS IS GRIMETON STATION/ SAQ IN A TRANSMISSION USING THE ALEXANDERSON 200 KW ALTERNATOR ON 17.2 KHZ. = WE WISH YOU ALL A MERRY CHRISTMAS AND A HAPPY NEW YEAR. = SIGNED: WORLD HERITAGE RADIO GRIMETON RADIO STATION AND THE ALEXANDER GRIMETON FRIENDSHIP ASSOCIATION.= NDB FOR QSL INFO PLEASE READ ON /3OUR WEBSITE ALEXANDER.N.SE. DE SAQ SAQ SAQ # " 08:04/30message ended 08:05 carrier still on then approximately 1 minute or so later transmission on SAQ ended.
New Zealand	PUKERUA BSY	LYNNEBERG, DENE	Dene Lynneberg	SDR- or Kiwi-SDR & local antenna	This reception was heard using an online Kiwi SDR receiver of SK6AG located at Grötö, Sweden. Reception was in the cw mode with a bandwidth of 4.0 kHz. The Grötö, Sweden SDR was connected to an 80 metre dipole antenna.	Reception on the Grötö, Sweden SDR was overall quite good despite the received signal strength being only S8. A SINPO reading was 34444.	End of program details for SAQ on 17.2 kHz
Norway	Skien	Helgetveit Ottar	LA2AL	Radio receiver & local antenna	W&G SPM3 SLM and 1m indoor tuned loop.	-72 dBm	
Norway	Sande i Vestfold	Odd Kristian Auestad	LA8UU	SDR- or Kiwi-SDR & local antenna	LA8UU KiwiSDR. Antenna LZ1AQ Double loop switched to vertical configuration. No signal from SAQ in standard a+b loop position.	S8, -78 dBm; excellent copy.	
Norway	Stavanger	Arnfinn Edvardsen	LA4NJ	Radio receiver & local antenna	SDRplay RSP2pro /preselector 20m invL. Also QRK5 on Collins 51s1 and 1m active whip ant.	Good signal, 15 to 17 dB above noise floor	
Norway	Stord	Sverre Bonsaksen	LA9RKA	SDR- or Kiwi-SDR & local antenna	Laptop and 10m vertikal antenne.	30 dB	<a href="https://www.facebook.com/sverre.bonsaksen/videos/1992485560920663">https://www.facebook.com/sverre.bonsaksen/videos/1992485560920663</a>
Philippines	Muntinlupa	Noel Anceno	411BNC	Radio receiver & local antenna	Yaesu FT-857D Inverted V Wire Dipole	459	
Poland	Elblag	Krupski Piotr	SQ4MIK	Web- or Kiwi-SDR & remote antenna		RST 559	<a href="https://drive.google.com/drive/folders/1Z_5s2URik-o1mC73XozkNOzcC855QaY7?usp=sharing">https://drive.google.com/drive/folders/1Z_5s2URik-o1mC73XozkNOzcC855QaY7?usp=sharing</a>
Poland	Krakow	Wojciech Stefańczyk	SP9WSS	Radio receiver & local antenna	coil of 60 turns on a diameter of 1m (around 200m wire)	599	

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Poland	Krakow	Olaf Lachman	SQ9RFL	SDR- or Kiwi-SDR & local antenna	50cm tuned , active ferrite antenna , Soundblaster X-Fi , SQAQrxV094 software	RST 125	
Poland	Gdańsk	Jaguszewski Daniel	SQ2TAK	SDR- or Kiwi-SDR & local antenna	SDR SDRPLAY RSPduo, MAGLOOP 6turns fi70cm, directly to Hz port	Barely audible, uncodable	During the previous transmission, with exactly the same radio set, the signal was more audible and decodable.  Link to the file with the recording, it can be played in the sdruno program:  <a href="https://drive.google.com/file/d/1-QG589pWvCQQFizGWGDCCvt_VkjUg9w/view?usp=sharing">https://drive.google.com/file/d/1-QG589pWvCQQFizGWGDCCvt_VkjUg9w/view?usp=sharing</a>
Poland	Chrzczanka-Folwark	Pietruszko Adam	SQ5VCO	SDR- or Kiwi-SDR & local antenna	Miniwhip and RSP1A (in RPi 4)	559	
Poland	Stolno	Olgiard Pilarczyk	SQ3SWF	SDR- or Kiwi-SDR & local antenna	Airspy HF+ sdr + antenna 4el long wire	599 / 25dB SNR	
Poland	Kaczorów	Piotr Gregor	SP6ARC	Radio receiver & local antenna	Sunsdr2pro + vlf conwenter LW antenna	RST549	
Poland	Kraków	Piotr Miś	SP9MUF	SDR- or Kiwi-SDR & local antenna	Antenna: beer can as a probe to homebrew pre-amp based on TL071 op amp. Receiver: sound card at 192kHz sampling rate + simple GNU radio flow graph	RST 459 according to my ears.	It was so nice to hear SAQ again. Thanks for keeping the station on the air. 73 de Piotr
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 vlfxx-tools together with vtlivesgram	RST 449	wav file and spectrogram: <a href="http://www.chmurka.net/r/vlf/saq-2021-12-24/">http://www.chmurka.net/r/vlf/saq-2021-12-24/</a>
Poland	Gdańsk	Marcin Skóra	SQ2BXI	Radio receiver & local antenna	RX: IC746, converter: Palomar, antenna: 40m longwire	599	
Poland	Warsaw	Jacek	SQ5BPF	Radio receiver & local antenna	E-field active antenna, vlfxx-tools and DL4YHF Spectrum Lab	RST 599	Huge 599 signal as usual. Details at the klubnl.pl website: <a href="https://klubnl.pl/wpr/en/index.php/2021/12/24/saq-christmas-2021/">https://klubnl.pl/wpr/en/index.php/2021/12/24/saq-christmas-2021/</a> Youtube link: <a href="https://www.youtube.com/watch?v=IFK7LFB4WE4">https://www.youtube.com/watch?v=IFK7LFB4WE4</a>
Poland	Warsaw	Zawistowski Piotr	3z5kzx	Web- or Kiwi-SDR & remote antenna		RST 599	
Poland	Niepolomice	Mariusz Cieluch	SP9HSQ	Radio receiver & local antenna	180 turns loop antenna, AD797 amplifier, SoundBlaster SB0490	599	antenna: <a href="https://sites.google.com/site/sp9hsq/home/vlf/antena-ramowa">https://sites.google.com/site/sp9hsq/home/vlf/antena-ramowa</a>
Poland	Borne Sulinowo	Adam Kaczkowski SP1AK		Radio receiver & local antenna	Kenwood TS-430s, antenna Windom FD4	Unheard	
Poland	Skorupki	Wojciech Kazubski	SP5SMK	Web- or Kiwi-SDR & remote antenna	HM dedicated receiver, ferrite antenna, downconversion to ~800Hz, active (OP amp) BPF, audio amplifier, crystal controlled LO	599	
Poland	Bytom	Daniel Sczendzina	HF9D	Web- or Kiwi-SDR & remote antenna		579	
Poland	Elbag	Piotr Jastrzębski	SP4ELO	SDR- or Kiwi-SDR & local antenna	PC and longwire	Unheard	Thank you once again for your transmission and fantastic broadcast. You're a fantastic crew!!!
Portugal	Coimbra	Luis Marques	CT2CVW	Web- or Kiwi-SDR & remote antenna	I hope to receive netx year on my Icon 705 or Icon 7100	No conditions to hear on radio. follow on youtube. I hope some day to have conditions to receive your signal in Portugal.	Regards to all and mery Christmas .
Romania	Câmpina	Matei Cristian	YO - SWL	Radio receiver & local antenna	Soundcard receiver on Ocenaudio software and small vertical loop antenna	579	
Romania	Câmpina	Bratu Florian	YO9GJX	Radio receiver & local antenna	Vertical loop SAQ software	57/89 QRN	
Romania	Pitesti	Gheorghe Balan	YO7GYQ	Radio receiver & local antenna	All home made equipment : VLF converter, 14MHz ssb receiver with CW audio filter, outdoor antenna.	RST 589	Excellent conditions. Very good reception. Many thanks and Merry Christmas for the team in Grimeton !
Russia	Sevastopol	Alexander Spin	R7RBF	SDR- or Kiwi-SDR & local antenna	rtl sdr, mini whip	weak	
Russia	Novokuibyshevsk	Alexey Erilkin	Alexey Erilkin / club "Kontu	Radio receiver & local antenna	active antenna on TL074 and two sanitary pipes in foil	RST 578	<a href="https://click.ru/ZdzkY">https://click.ru/ZdzkY</a> (photo of antenna)

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Russia	Bijsk	Alyssia Vasilyeva	Alyssia Vasilyeva	Web- or Kiwi-SDR & remote antenna	Wide-band WebSDR University of Twente.	08:00 UTC: RST 559	I wish you all a Merry Christmas and a Happy New Year 2022 !!!
Russia	Nizhny Novgorod	Maria Okuneva	R3TM	Radio receiver & local antenna	My equipment: antenna - 5 meters wire connected to the sound card of the computer.	RST 549	<a href="https://youtu.be/bB_DDZRSFKs">https://youtu.be/bB_DDZRSFKs</a>
Russia	Moscow	ZAYTSEV VYACHESLAV	UA3456SWL	SDR- or Kiwi-SDR & local antenna	Mini-whip antenna	55	
Russia	Kubinka	Dmitry Konovalov	UA3437SWL	Radio receiver & local antenna	SDR Play RSP2 + mini-whip active antenna	Unheard	Thanks for the event!
Russia	Samara	Denis Ragazin		SDR- or Kiwi-SDR & local antenna	Portable PC, AIRSPY DISCOVERY HF+, Ground loop antenna (20 m) and sound transformer for loop.  Reception report to SAQ Transmission -----  QTH : 55N47, 037E24 Moscow, Russia  Date : 24 December 2021  Time : 08.00 UTC  Frequency : 17,2 kHz  Moscow: Receiver type: DEGEN DE1103 Antenna: DEGEN 31 MS. Active loop antenna. SINPO: 15441  Program details :  Unfortunately, there was no signal transmission in Moscow. I tried reception through remote receivers in Sweden - the station was on the air.	RST-567	<a href="https://youtu.be/ydLCvvZ_nio">https://youtu.be/ydLCvvZ_nio</a> , <a href="https://drive.google.com/file/d/1ID2m199_dsCGFuVMXjnM3Ira8Ng69FG/view?usp=sharing">https://drive.google.com/file/d/1ID2m199_dsCGFuVMXjnM3Ira8Ng69FG/view?usp=sharing</a> , <a href="https://drive.google.com/file/d/1PePE6351eXBJQSPfGqA5i5tvuQfdUG9f/view?usp=sharing">https://drive.google.com/file/d/1PePE6351eXBJQSPfGqA5i5tvuQfdUG9f/view?usp=sharing</a> ,
Russia	Moscow	Anatoly Klepov	Anatoly Klepov	Radio receiver & local antenna		Unheard	
Russia	Mytyschy	Kosolapkin Denis	UA3221SWL	SDR- or Kiwi-SDR & local antenna	RSP+MagLoop	34-44	#hpny #merrychristmas #stayhome #staysafe <a href="https://www.dropbox.com/s/2ttw2uwacbm8nc/SAQ_2021-12-24_01.jpg?dl=0">https://www.dropbox.com/s/2ttw2uwacbm8nc/SAQ_2021-12-24_01.jpg?dl=0</a>
Russia	Nizhny Novgorod	Nikolay Bolshakov	RA3TOX	Radio receiver & local antenna	Receiver - AR5000A, ant - Delta-loop (42m)	RST - 355	
Russia	Nizhny Novgorod	Shpynov Sergej	R3TW	Radio receiver & local antenna	I running a PC and a sound card. Antenna 5 m wire 2 meters from the ground. Received 27.12.2021 at 10:07 utc.	RST: 539	
Russia	Pskov	Monogarov Ivan	Ivan Monogarov	Radio receiver & local antenna	Afedri SDR + Long Wire over Ice on the Lake 700 meters long	RST: 599	<a href="https://youtu.be/YcXJBikcbps">https://youtu.be/YcXJBikcbps</a>
Russia	Raznezh'e	Alexey Baleikin	RA3TTS	SDR- or Kiwi-SDR & local antenna	SDR receiver from China. Antenna 50 meters and oscillatory circuit.	RST 599	<a href="https://www.youtube.com/watch?v=U7Qvu0227E">https://www.youtube.com/watch?v=U7Qvu0227E</a>
Serbia	Plandiste	Kolevski Zoran	YT4EW	Radio receiver & local antenna	receiving by Yaesu FT991 converting (NE602 mixer) 17,2 KHz into 10 Mhz band	Exelent signal , clear 599	<a href="https://youtu.be/ft4HT5hnbwY">https://youtu.be/ft4HT5hnbwY</a>
Serbia	Novi Becej	Kormos Károly	YU7AE	Radio receiver & local antenna	RX Yaesu FT-902dm , Datong and Bonito VLF converters, ant. mini whip PA0RDT at 6m in garden.	559-579 with little QRM	
Serbia	Palic	Salgo Imre	YT7IM	Radio receiver & local antenna	Eddystone EC958/7 Receiver	337, QRM	Please send diploma or QSL to my mail ! Thanks :)
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 v0.98".	08:00 UTC: RST 599, Very good signal without interference. I wish you all a Merry Christmas and a Happy New Year 2022 !!!	<a href="https://youtu.be/3Mry-Q2Sidl">https://youtu.be/3Mry-Q2Sidl</a>

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Slovakia	Trencin	Jaroslav Judiny OM4YJ	OM4YJ	SDR- or Kiwi-SDR & local antenna	RX: SDR RSP1A, ANT: HQ HEXBEAM @15 m, unadapted aerial	RST 593	<a href="https://youtu.be/AmdHhMF0p6Y">https://youtu.be/AmdHhMF0p6Y</a>
Slovenia	Slovenia	Roman	S52AS	Radio receiver & local antenna		599	
Slovenia	Novo Mesto	Joze Konda	S52AB	SDR- or Kiwi-SDR & local antenna	RX: SAQrx V098 ANT: MiniWhip-PA0RDT; 1.5 m. over ground	RST: 599 25 dB over noise (noise -90 dB ; signal -65 dB)	UFB signal SAQ on 17.2 kHz in Slovenia !
Spain	Gijón	Javier Suárez-Quirós	EB1CAR	SDR- or Kiwi-SDR & local antenna	iCOM IC-R8600 + MFJ 1796 Vertical Dipole	SINPO 43344	
Spain	CORDOBA	JUAN LUIS VILCHES CON	EA7HHS	Radio receiver & local antenna	JRC-NRD 545 and mini whip external antenna	SINPO 24442	<a href="https://youtu.be/8iltPNgJRm">https://youtu.be/8iltPNgJRm</a> <a href="https://youtu.be/96WIW_5s1Xo">https://youtu.be/96WIW_5s1Xo</a>
Spain	TRES CANTOS	JESUS BARTOLOME PRESMANES		SDR- or Kiwi-SDR & local antenna	CLOUD I/Q antenna LOOP 3.2 m^2 & Trasfo 1:4 & previo 9 dB Hi Zin Filtro PB Fc 220 KHz	439	Static noise
Spain	Palau-solita i Plegamans	MAGI, JOSE	EA3JAA	Radio receiver & local antenna	Rohde & Schwarz ESH3 Receiver + Active Loop Antenna HFH 2 - Z2	44 dB uV	Very good signal - THANKS
Spain	Valdetorres de Jarama	Fernando Arroyo	EA4BB	Radio receiver & local antenna	Rohde & Schwarz ESH-2 receiver, R&S active loop antenna	RST 539	I have posted a short video of the reception on youtube. It is here: <a href="https://www.youtube.com/watch?v=iQgd6zKVXf0">https://www.youtube.com/watch?v=iQgd6zKVXf0</a> Many thanks for a wonderful transmission. Merry Christmas and a Happy New Year!
Spain	Talayuelas	Luis Segarra Moreno	EA5154URE (SWL)	Radio receiver & local antenna	Icom IC-R1500 + long wire antenna	SINFO: 45444	Greetings from Spain
Spain	Laguna del Duero	Javier	EA1HEH	Radio receiver & local antenna	Receiver with a converter VLF to Yaesu FRG-7	344	I received your CWs at around 08:10 UTC
Spain	Valladolid	Javier	EB1BDM	Radio receiver & local antenna	Receiver with a converter VLF to Yaesu FRG-8800	334	Hello, I received your CWs at around 08:05 UTC
Spain	Villajoyosa	Kent Wolstrup	EA5/OZ3YQ	Radio receiver & local antenna	HP3586B selective level meter, 8m vertical antenna, elevation 30m over sea level.	-86 dbm/10Kohm	
Sweden	Ystad	Ulf	SM7EGM	Radio receiver & local antenna	FT-857D +Palomar conv. -160m Half Sloper antenna	RST 559	
Sweden	Gävle	Fredrik Sjögren	SA3ARL	Radio receiver & local antenna	LFEngineering L400B ELAD FDM-S2	-80 dBm	
Sweden	Gothenburg	Lars Hammarstrom	SM6UAF	Web- or Kiwi-SDR & remote antenna		599	
Sweden	Fjärås	Anders Larsson	SA6GAS	Radio receiver & local antenna	Model Sikö	RST 599+	Good signal = Good antenna
Sweden	Boden	Michael Larsson	SM2IAR	Radio receiver & local antenna	Receiver SRT CR304A, Antenna Hexbeam.	559	
Sweden	Söråker	Classe Bergman	SM3GSK	Radio receiver & local antenna	RX SRT CR304A , Ant 250 m beverage	Ca 25 db över bruset	Tack för en fin sändning, och lycka till ! God JUL !
Sweden	Kil	Simon Stridsberg	SA7SSE	SDR- or Kiwi-SDR & local antenna	Airspy hf+ discovery with a small RX loop, all being inside.	-120dB, weak signal, RST about 438	<a href="https://allg.one/XOol">https://allg.one/XOol</a>
Sweden	Torslanda	Kim Siren	33_cl	SDR- or Kiwi-SDR & local antenna	SDR Uno	Loud and clear	Home made antenna
Sweden	Trollhättan	Persson Lennart	SM6KNL	SDR- or Kiwi-SDR & local antenna	SDR IQ and loop on ground	319	
Sweden	Borlänge	Bo Bergström	SM4MJR	SDR- or Kiwi-SDR & local antenna	KiwiSDR and Wellbroek ALA1530	539 (True RST)	
Sweden	ERSMARK	Stig Lundmark	SM2EHE	Radio receiver & local antenna		Svag men tydlig signal RST ungefär 549	
Sweden	Enskede	Karl-Arne Markström	SM0AOM	Radio receiver & local antenna	AEG-Telefunken E1800 using 100 Hz IF bandwidth, Standard Radio AA300 active antenna	QSA 2 QRK 2	Severe local QRM from electronic appliances
Sweden	Grästorps	Sven Lindström	SM6RZB	Radio receiver & local antenna	EKD300 , CR304A Dipol Antenna 160m	Unheard	Tyvärr kunde jag inte uppfatta sändningen från mina mottagare. Men det fungerade bra med SDR radio istället från Holland. God Jul och Gott Nytt år !

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Sweden	HALMSTAD	Benny Nord	SM6XRX	Radio receiver & local antenna	Home made	RST 599	
Sweden	Handen	Angel Sevov	Angel Sevov	SDR- or Kiwi-SDR & local antenna	Airspy HF+ Discovery, YouLoop Antenna	RST329	
Sweden	Spånga	Sven Jungmar	SM0LVG	Radio receiver & local antenna	Winradio G305e, antenna G5RV-80 (not optimised for VLF)	337, Heard but weak with QRH	Merry Christmas
Sweden	Alingsås	Pettersson Jerker	SM6RWJ	Web- or Kiwi-SDR & remote antenna	Live via youtube	RST 599	
							Tack för ännu en trevlig utsändning. Tyvärr krånglade min specialbyggda antenn så mottagningen fick ske via min MiniWhip antenn. Därav den sämre mottagningen. Avkodat meddelande av Multipsk såg ut som följer."Q DE SAQ AK DAQ HIS pæe RIMEAON ADIOTATION/SAQNRANSMISSION SING THE LEXANDERSON 08WLTENATORNE SK 2K.=WEISH OU ALLERRYCHRISTMAS ANDAPPY NEWEAR. SIEDORLDTAGERIMETONADIOTATIONNDHE LEXANDERRIMEONRIENDSHIP ASSOITION.=BORSL NFOLEASE EADEON UR WEBSITE ULEXANDER.NSE SAQSAQ AQ"
							Tack för utsändningen och ser fram emot nästa utsändning till sommaren. God jul och gott nytt år
Sweden	Halmstad	Mats Persson	MATS PERSSON	SDR- or Kiwi-SDR & local antenna	SDRplay-RSPdx Mini-Whip antenna	SINPO 45444	Mats Persson Medl.nr.663
Sweden	Bergsjö	Wannberg, Gudmund	SM3BYA	Radio receiver & local antenna	1m long E-field probe > homemade upconverter 17,2 > 3467,2 kHz => NRD-515	About 10 dB above surrounding noise in 600 Hz BW. Perfect reception.	Many thanks for the season's greetings! Keep the old lady going!
Sweden	Harplinge	Per Utterfors	SM6JMZ	Radio receiver & local antenna	Yaesu FT1000 and home built transverter, loop antenna	RST 599	
							Det var ett relativt högt brusgolv som var orienterings- och placeringsberoende. Med lite bättre placering hade man nog lätt kunnat nå QSA3. Det är några cm snö på marken, klart väder och -9°C.
							Det var mycket bättre än förra utsändningen, då det var ohörbart ("QSA0"), men det berodde troligen på lokala (och starka) störningar. Då var det mycket surr och knäpp, förmodligen från områdets alla robotklippare. Nu fanns det inget sådant, bara ett ganska jämnt ("vitt") bakgrundsbrus.
							Det var kanske lite högre än QSA2, för min fru sa från ett angränsande rum "hör du morsesignalen?!". :-)
Sweden	Linköping	Thorbjörn Jemander	Thorbjörn Jemander	Radio receiver & local antenna	SAQ-mottagaren med standard 20 cm spolantenn, placerad inomhus, på andra våningen i ett villaområde. Spänningskälla: 9V batteri.	QSA2 QRK5	God Jul och ett gott nytt SAQ-år!
Sweden	göteborg	ingvar andersson	SM6ERS	Radio receiver & local antenna	Up-converter to an old GEC BRT400 reciever. Antenna was a tuned loop, diameter 25 cm.	RST 599+	QTH of reception Gothenburg
Sweden	Degerfors	Hans Lindbäck	SM4IVC	Radio receiver & local antenna	SAQ receiver kit. Just built. Had no time to test it... maybe just some simple fault. I know that local oscillator is working and also the amplifier. Has to fault isolate prior to next transmission. I also has metal cover on house wall but antenna was positioned in a window facing Grimeton. Wish me better luck next time. Merry christmas anyway.	Nothing but noise - me mo happy	
Sweden	Hisings Kärra	Bertel Andresen	SM6OES	SDR- or Kiwi-SDR & local antenna	SDRPlay RSPdx Receiver, GA3005 Active whip antenna	RST 5 9+ 9	One of the best receptions ever.



Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Sweden	Västerås	Bo Lenander	SM5CJW	Radio receiver & local antenna	Cave direction finding receiver with 500 x 500 mm loop antenna. Superheterodyne with 9 MHz IF (BW=400 Hz)	RST 599 ++	Direction measured with 1 class orienteering compass and DF receiver: 221 deg. According to the map: 222.4 deg. Fault: 10 km to the left in 370 km distance. <a href="https://scontent-arn2-1.xx.fbcdn.net/v/t39.30808-6/p180x540/269943053_3042091462712468_8142370458473308086_n.jpg?_nc_cat=101&amp;ccb=1-5&amp;_nc_sid=730e14&amp;_nc_ohc=03oE5Zy1sAAAX8uR1XG&amp;_nc_ht=scontent-arn2-1.xx&amp;oh=00_AT-xTKmecSoW5ohBEYVAjuL6hr5NnM_00Urwqwg-0huw&amp;oe=61CBCBDE">https://scontent-arn2-1.xx.fbcdn.net/v/t39.30808-6/p180x540/269943053_3042091462712468_8142370458473308086_n.jpg?_nc_cat=101&amp;ccb=1-5&amp;_nc_sid=730e14&amp;_nc_ohc=03oE5Zy1sAAAX8uR1XG&amp;_nc_ht=scontent-arn2-1.xx&amp;oh=00_AT-xTKmecSoW5ohBEYVAjuL6hr5NnM_00Urwqwg-0huw&amp;oe=61CBCBDE</a> (Photo by: SM5SVM Hans Sundgren)
Sweden	Sollentuna	Johansson Stefan	Stefan Johansson	Radio receiver & local antenna	Home built receiver and loop antenna based on ideas from the description by SM4DZR in QTC December 2020. Max RX gain increased ten times compared to UN-Day 2021 reception.	RST 569	Received audio signal was recorded on smartphone.
Sweden	GRIMETON	RICHARD M. LORENZEN	SA6RAJ / WA0AKG	SDR- or Kiwi-SDR & local antenna	MY EARS OCH BRAIN	RST 599	12TH VISIT TO SAQ
Sweden	Boden	Peter Sunden	SM2HJJ	Radio receiver & local antenna	SRT CR90 active antenna	RST 569	
Sweden	Norrköping	Ove Eriksson	SM5CMM	Radio receiver & local antenna	Datong VLF Converter + Kenwood TS-940S W3DZZ antenna	589	
Sweden	Ljusne	Hedberg Christian	Christian Hedberg	SDR- or Kiwi-SDR & local antenna	RSPdx. Diamond discone (50-1500)MHz	QSA 2	Fail in antenna. Had to use a non-optimal discone "50-1500MHz"
Sweden	Jämsjö	Uffe Ottosson	SM7PGA	Radio receiver & local antenna	ICOM IC-R70 + home built Mini Whip (PA0RDT)	589	As always a very cozy morning receiving SAQ's Christmas transmission and this time with both a "new" refurbished and calibrated old receiver and the first real test for the Mini Whip on VLF.. The blizzard outside added to the cozyness as well, so a better way to spend Christmas morning would be a tough one to imagine :)  Thank You, Merry Christmas and a Happy New Year to all of you.. //Uffe - SM7PGA
Sweden	LUDVIKA	Stålhammar, Kristoffer		Radio receiver & local antenna	Icom IC-R71E with external SA602 mixer and a 150m horizontal loop antenna.	RST 569	<a href="https://www.facebook.com/100062126175373/videos/435191818325153/">https://www.facebook.com/100062126175373/videos/435191818325153/</a>
Sweden	Växjö	Kongstad, Poul	SA7CND	SDR- or Kiwi-SDR & local antenna	SDRplay 1A + HSDR. Antenna: Mini-Whip	RST 559	Thanks! Keep up the fine work!
Sweden	Åtvidaberg	Kjell Adolfsson	SM5NAS	SDR- or Kiwi-SDR & local antenna	Indoor 40 turn loop 0.7 m diam, no preamp, SdrPlay RSP2	RST 599	Carrier between dots and dashes clearly audible
Sweden	Mölnådal	Robert Petersson	SM6GHS	SDR- or Kiwi-SDR & local antenna	Rx Winradio WR-G33DDC Excalibur PRO, Dipole 37m long, 10m above ground	Key down -95dBm, Key up -115dBm, Noise floor -130dBm, BW 50Hz	
Sweden	Västervik	Palmén, Lars	SM7FHO	Radio receiver & local antenna	Elecraft K2 +Datong VLF converter. Antenna: "Loop on Ground"/KK5JY	QSA 4, QRK 4	
Sweden	Torup	Schmid-Christner Manfred		Radio receiver & local antenna	Receiver kit from the grimeton gift shop	Good	<a href="https://youtu.be/84Ar0jHbf5I">https://youtu.be/84Ar0jHbf5I</a>
Sweden	Nynäshamn	Bengt Stenfelt	Bengt Stenfelt	Radio receiver & local antenna	Homemade converter, rec ICOM IC R72 dipol antenna 2x20 m	RST 458	
Sweden	Södra Sandby	Brandoné, Olof	SA7ZZZ	Radio receiver & local antenna	SAQ-mottagare (Arne Sikö design)	SINPO 44444	<a href="https://drive.google.com/file/d/1BZV16Hre_b6v1gqsC4YgfN5cz0geW1w/_view?usp=sharing">https://drive.google.com/file/d/1BZV16Hre_b6v1gqsC4YgfN5cz0geW1w/_view?usp=sharing</a>
Sweden	Bankeryd	Ebert Lööv	SM7VRI	Radio receiver & local antenna		+ 28 dB over noise	
Sweden	Källered	Leif Andersson	SM6GTO	Radio receiver & local antenna	Skanti r 8003	559	
Switzerland	Guarda	Jochen Richert	HB9DRT	SDR- or Kiwi-SDR & local antenna	RFspace Cloud IQ and mod. ALA1530L 1.8m diameter	RS only 2 and 1 this time, compared to 59+ the last transmissions.	
Switzerland	Comano	Canavesi Stefano	Stefano Canavesi	Radio receiver & local antenna	1921 Colin B. Kennedy Universal Receiver	weak but clearly audible	<a href="https://www.antiqueradios.ch/wp-content/uploads/2016/11/C.B.Kennedy-front-1.jpg">https://www.antiqueradios.ch/wp-content/uploads/2016/11/C.B.Kennedy-front-1.jpg</a>

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Switzerland	Wichtrach	Schmutz Walter	HB9AGA	SDR- or Kiwi-SDR & local antenna		549	Absolutely clear signal, although left and right waterfall full of qrm
Switzerland	Maennedorf	Schwider, Peter Mario	HB9FWF	SDR- or Kiwi-SDR & local antenna	I use a differential ferrite antenna together with a LF converter to 8MHz on the PMSDR.	very nice quality, I send you a screen dump to your email	
Switzerland	Schliern	Simon Andres	HB9HBH	SDR- or Kiwi-SDR & local antenna	kiwiSDR and 2m x 2m loop antenna. no amplifier. ...the antenna was placed in the cave (2m under ground) during reception!	weak hearable, about 10dB over noise	
Switzerland	Riniken	Wim Ton	HB9EZF	Radio receiver & local antenna	Receiver Telefunken ELK639, PA0RDT antenna.	RST 334, strong QRM at 17 kHz	
Switzerland	Bachenbülach	Ruch Ulrich		SDR- or Kiwi-SDR & local antenna	Perseus RFS Dx one prof MkII	9+20	
Switzerland	Neuchâtel	Yves OESCH	HB9DTX	SDR- or Kiwi-SDR & local antenna	Capacitive active antenna, Airspy+Spyverter ,SDR#	Unheard	Very strong QRM in the whole area around 15-17 kHz was masking your signal.
Switzerland	Madetswil	Germann Stephan	HB9LEO	SDR- or Kiwi-SDR & local antenna	Magnetic Loop (aperiodic), 2.5m diameter, selfmade SDR receiver	349	The signal from the test transmission (23.12.) was 6..8dB stronger than the christmas transmission
Switzerland	Zuchwil	Alexander Küffer	HE9EFY	SDR- or Kiwi-SDR & local antenna	Ferritantenne	589	
Switzerland	Rivera - Monteceneri	Sulmoni Enrico	HB9 MQH -- HE9 GDF	Radio receiver & local antenna	RX : SELEKTIVER PEGEMESSER WANDEL & GOLTERMANN SPM-15 - ANTENNA : MINI WIHP ACTIVE ANTENNA self construction	R 4 S 6 T 7	
Switzerland	Zurich	Daniel Eberli	HB9EHD	Radio receiver & local antenna	Window Antenna, Audio cable, SDR#	RST 355. Visible but not readable	Will try to improve my receiver for next year. Thank you for your efforts.
Switzerland	Le Grand-Saconnex	Hallgren Bjorn	Björn Hallgren	SDR- or Kiwi-SDR & local antenna	AIRSPY HF+ Discovery, 40 cm shielded magnetic loop antenna read out with a aurrent preamplifier.	SNR 20 dB	There are some details of my ongoing work on my site: bhallgren.ch
Switzerland	Losone	Sulmoni Liam		Web- or Kiwi-SDR & remote antenna		R4 S6 T7	
Switzerland	Genève	Eric	HB9EOY	Radio receiver & local antenna	Your kit!	Unheard	
Switzerland	Schliern	Heinz Rohrer	HB9PRH	SDR- or Kiwi-SDR & local antenna	KiwiSDR and Mini Whip active Anenna	332	
Thailand	Bangkok	Karn Suwanrat	E20ZFD	Web- or Kiwi-SDR & remote antenna	Xiaomi Mi 10T Pro and Google Crome	44444	I did screen record with system sound on my phone then I upload it onto my youtube Pse see: <a href="https://youtu.be/Hnsb6diyvc">https://youtu.be/Hnsb6diyvc</a> Thank you for great event
Ukraine	Zaporijja	Kostiantyn Pravotorov	Kostiantyn Pravotorov	Web- or Kiwi-SDR & remote antenna	KiwiSDR Stone, Staffordshire, Wellbrook loop antenna. SAQ Grimeton Signal was logged at December 24 2021, from 08:00 till 08:04 UTC on 17,2 khz in cw mode. Reception by SINPO was 45444 Signal strenght as received was strong, interference from other stations nil, the overall merit was good.	SINPO : 45444	Dear Sirs. Greetings from Ukraine! Merry Christmas! <a href="https://drive.google.com/drive/folders/1lxHsQjSUEoYHO4PI-QK55ove7IV-ijm-2?usp=sharing">https://drive.google.com/drive/folders/1lxHsQjSUEoYHO4PI-QK55ove7IV-ijm-2?usp=sharing</a>
Ukraine	Dnipro	Igor Zakharov	UR5EFX	Radio receiver & local antenna	panicle antenna , preamp j310 - tl071-SAQrx	589	<a href="https://youtu.be/ATNYJey0hDk">https://youtu.be/ATNYJey0hDk</a> <a href="https://dropmefiles.com/v5lCH">https://dropmefiles.com/v5lCH</a>
Ukraine	KHARKIV	SERDIUK KOSTIANTYN	UR6LBY	Radio receiver & local antenna	Laptop: HP Compaq nx6110 integrated audio card, and SAQ Panoramic VLF Receiver v0.98 software, antenna: Delta Loop 40m band (Suspension 12m above the ground)	Clearly with AF Gain = 70 dB or more	
Ukraine	Gorlowka	Kulakov Eugen	US3IRX	SDR- or Kiwi-SDR & local antenna		RST 569	
Ukraine	Rivne	Roman Koval	UR3PHP	Web- or Kiwi-SDR & remote antenna	<a href="http://ur4pwj.lrv.net.ua:8073/">http://ur4pwj.lrv.net.ua:8073/</a> KiwiSDR. Antenna Delta, 80-meter band.	599	<a href="https://www.youtube.com/watch?v=9pHjWfnBtJM">https://www.youtube.com/watch?v=9pHjWfnBtJM</a> <a href="https://www.youtube.com/watch?v=Fq0G5xcQKy0">https://www.youtube.com/watch?v=Fq0G5xcQKy0</a> <a href="https://www.youtube.com/watch?v=ulHLTjZ-P64">https://www.youtube.com/watch?v=ulHLTjZ-P64</a>

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
Ukraine	Mirne	Alexander Sidorov	US-Q-28	SDR- or Kiwi-SDR & local antenna		RST: 579	
Ukraine	Mykolaiv	Oleg I. Kliutsevskiy	US5ZBM	Radio receiver & local antenna		57	
United Kingdom	Worthing	Simon Hardwick	M7TVC	SDR- or Kiwi-SDR & local antenna	My own Kiwi SDR, Long wire L antenna (6m Vertical, 20m Horizontal)	-114dBm (S2)	<a href="https://twitter.com/radiom7tvc/status/1474287555407495175?s=21">https://twitter.com/radiom7tvc/status/1474287555407495175?s=21</a>
United Kingdom	Bridgwater	Martin	G8KOE	SDR- or Kiwi-SDR & local antenna	SDRplay RSPdx	SNPO 43343444	20 turn active loop AE at ground level.
United Kingdom	Hailsham	David Austin	G4GTP	SDR- or Kiwi-SDR & local antenna	Airspy HF+ with small wire antenna 66ft end fed. Better antenna this end next time hopefully!	RST479	Happy Christmas to all at Grimeton and thank you for keeping the station active. Great job.
United Kingdom	Edinburgh	Brian Howie	GM4DIJ	SDR- or Kiwi-SDR & local antenna	SDRplay RSPdx	559 +25dB SNR	<a href="https://www.facebook.com/photo.php?fbid=3173885046222264&amp;set=3173885046222264&amp;type=3">https://www.facebook.com/photo.php?fbid=3173885046222264&amp;set=3173885046222264&amp;type=3</a>
United Kingdom	Whitworth	Alan Gale	G4TMV	Radio receiver & local antenna	Airspy Discovery HF+ SDR, CCW Loop	569	73 to all at SAQ
United Kingdom	Blackwood	Rob Evans	MW0CVT	Radio receiver & local antenna	Icom R-8600 receiver with a long wire antenna	RST 519	
United Kingdom	Formby	David Chambers	DC	SDR- or Kiwi-SDR & local antenna	Home built loop antenna, 0.7 m square, 28 turns copper wire plus 0.1 uF capacitor for resonance, connected to -40 dB home built preamp (2 op amps) feeding SAQrx v0.98 running on a laptop (HP dv6).	Very good, very clear	Antenna located indoors, in living room on ground floor. Oriented with short axis roughly SSE/NNW. Used 50Hz bandwidth on SAQrx to eliminate noise. Morse easily heard with small peak on RF display
United Kingdom	Cambridge	Richard Parker	G4AWP	SDR- or Kiwi-SDR & local antenna	Kiwi SDR, with a Cross Country Preamplifier, and 15foot vertical + earth	Unheard	Many thanks for putting on the transmission. I tried listening on my (Cambridge & District Amateur Radio owned) Kiwi SDR running in my garden, normally LF / MF filtered out , but this morning they were removed, along with turning off my Solar Panel inverter to reduce noise level. I was disappointed not to hear you but listened loud & clear via Twente SDR, 73s Richard G4AWP
United Kingdom	Newport	Dave Johnson	G4AON	SDR- or Kiwi-SDR & local antenna	SDR Play RSPDX and home made PA0RDT active antenna	569	Please do not publish my name and address on your web site. Location and callsign is OK
United Kingdom	Gourock, Scotland	Iain Cameron	SCO-3552	SDR- or Kiwi-SDR & local antenna	Elad FDM-S2 SDR Receiver & Wellbrook ALA-1530 antenna	RST 529 - peaking at s5 on my meter	Details of reception - 07:56 UTC sending V marker - VVV VVV de SAQ SAQ SAQ, message at 08:00 - CQ CQ CQ de SAQ SAQ SAQ.....Grimeton Radio.....SAQ.....The Alexanderson 200...KHz....We Wish....Merry Christmas and Happy New Year.....World....Grimeton.....Friendship.....For QSL...Please....web.....de SAQ SAQ SAQ
United Kingdom	Dukinfield	Howlett, Andrew	G1HBE	SDR- or Kiwi-SDR & local antenna	SDRPlay RSPDuo with Wellbrook 1530 LF loop antenna	Good readable sig, a few dB down on October 2021? Still about 15 dB over local noise.	Signal also present on homebrew mini-whip, but down in the noise.
United Kingdom	leamington spa	Don Darkes	G4CYG	Radio receiver & local antenna	Datong converter into TS 440	5 1 9	High local electrical noise
United Kingdom	Filey	David Mappin	G4EDR	SDR- or Kiwi-SDR & local antenna	SDRplay RSPdx, Wellbrook ALA 1530 loop indoors at ground floor level.	RST 419	Good copy.
United Kingdom	Cardiff	Lang, Robert	GW0FJV	Radio receiver & local antenna	Home brew RX and tuned loop. VLF preamp, then TRF RX, based on tuned audio amp with two 17.2 KHz resonant filters fed to a 4051B multiplexer IC (Used as mixer) to 800 Hz narrow pass CW filter and audio output. Also second RX using SAQrx driven from same VLF front end preamp as above to PC audio input.	599++	
United Kingdom	TRURO	G4ETQ	G4ETQ	Radio receiver & local antenna	Marconi T antenna - LF converter - TS590sg rx.	RST 579. lower in frequency this morning.	Please thank Fredrik , Kai and the team. An excellent YouTube description/tour of SAQ. A lovely way to start Christmas. MERRY CHRISTMAS and HNY to you all in these strange times . John/G4ETQ
United Kingdom	Manchester	Paul Campbell	M7MVF	SDR- or Kiwi-SDR & local antenna	RSP Dx with 40m longwire	599 SNR +17db	Video <a href="https://youtu.be/33pJsrKJDUl">https://youtu.be/33pJsrKJDUl</a> Local noise but easily copied.
United Kingdom	Lee on the Solent	Jenkins-Powell	G7MFR	Radio receiver & local antenna	SDR Play RSP1 with Inverted-L antenna resonant on 1930Khz	519	<a href="https://youtu.be/CQIPcNQC-E4">https://youtu.be/CQIPcNQC-E4</a>

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
United Kingdom	Newton Abbot	Colin Coker	G4FCN	Radio receiver & local antenna	Spectrum Comms VLF Converter 10MHz IF / Icom IC7300 / half 80m trap dipole	27db above noise floor	Thanks to everybody involved in keeping the station going.
United Kingdom	Telford	Wilkinson, Richard	G0VXG	Radio receiver & local antenna	2m x 4m 8turn loop, Datong converter, Kenwood TS590	RST 569	Thank you again for putting on SAQ, signal strength was down from last time (599 to 569) but may have been due to the time of day...
United Kingdom	Bramley	Robert Kerswill	M0KER	Radio receiver & local antenna	Loop antenna-preamp-Spectrumlab	599	Excellent Signal, conditions good. Thank you and merry Christmas
United Kingdom	Romford	Nick Homes	Nick Homes	SDR- or Kiwi-SDR & local antenna	SDR RSPdx antenna Bonito Megaloop ML200	Unheard	
United Kingdom	Sheffield UK.	Barry	G4VRT	SDR- or Kiwi-SDR & local antenna	SDR Play	467	Aerial system = Long Wire.
United Kingdom	Fareham	Andrew Sinclair	G0AMS	Radio receiver & local antenna	Redifon R408 receiver (ex marine) with G5RV antenna	599 +10dB	Nice clean signal. Thanks for putting this old machine on the air.
United Kingdom	Bradford	Downs, Geoff	G3UCK	SDR- or Kiwi-SDR & local antenna	RSPdx, 15m horizontal wire, end fed	579	FB!
United Kingdom	Lincoln	John Brocklebank	M0BIC	Radio receiver & local antenna	Racal RA17 MkII, Racal RA37 VLF Converter, home-brew loop antenna	RST 579	Many thanks for another successful transmission! Wonderful to hear SAQ on my Racal equipment alongside the live stream video. My son, 24 years old, joined me for the event which he really enjoyed. Merry Christmas and Happy new Year 2022 to all at SAQ Grimeton. Please keep up the good work and Very best wishes from Lincolnshire, UK.
United Kingdom	Edinburgh	Struthers, John	GM8CVN	SDR- or Kiwi-SDR & local antenna	SAQrx Software, v0.98, E-Field Active Antenna by G4HUP	RST=529, Signal disappeared close to the end of transmission.	
United Kingdom	BUXTON	Nick Rank	Nick Rank	Radio receiver & local antenna	Home-brew portable VLF receiver (covering 13kHz to 25kHz) The aerial is a 240mm long ferrite rod wound with around 1000 turns of wire (I forget exactly how many turns, I wound it many years ago especially for receiving SAQ)	SIO 344	Great to hear SAQ every time. Thanks to those involved in keeping it all running, very much appreciated.
United Kingdom	Braintree	Witney Richard	G4ICP	Radio receiver & local antenna	Homebrew converter, NE602 10 MHz IF into TS850. 30 foot end fed wire indoor, in house loft Converter made specially for SAQ! I will build a small magnetic loop for better received signals here. I am sure I can do better hi!	SAQ Report RST 329, (MSF 589, DCF77 559)	I can supply a sound recording.  Message as copied: 0800z: CQ CQ CQ DE SAQ SAQ SAQ. THIS IS GRIMETON RADIO STATION/SAQ IN A TRANSMISSION USING THE ALEXANDERSON 200KW ALTERNATOR ON 17.2 KHZ. WE WISH YOU A MERRY CHRISTMAS AND A HAPPY NEW YEAR. SIGNED THE WORLD HERITAGE GRIMETON RADIO STATION AND THE ALEXANDER GRIMETON FRIENDSHIP ASSOCIATION. NB FOR QSL INFO PLEASE READ ON OUR WEBSITE ALEXANDER.N. SE AR DE SAQ SAQ SAQ VA. 0804z
United Kingdom	Llandrindod Wells	WINFIELD, Martin	Martin Winfield	Radio receiver & local antenna	3m vertical antenna, Hi-Z AF amp home built for VLF.	QRK4, QSA5	
United Kingdom	Hawarden	CARVER, Clive	GW4EYO	SDR- or Kiwi-SDR & local antenna	RF-Space SDR-IQ Receiver and a PA0RDT miniwhip antenna	QSA5 QRK5	An excellent signal here in north Wales, 100% copy of the Christmas Message
United Kingdom	St Keverne	Chris Webster	G3TBJ	Radio receiver & local antenna	Wandel and Goltermann SPM-3 Selective Level Meter, 40m wire antenna	RST 559	
United Kingdom	truro	james farr		SDR- or Kiwi-SDR & local antenna	NESDR SMARTxr	5/3	long wire
United Kingdom	Todmorden	Paul Nicholson	Paul Nicholson	SDR- or Kiwi-SDR & local antenna	Pair orthognal magnetic loops plus vertical electric field	640 uV/m field strength	<a href="http://5.9.106.210/saq211224.mp3">http://5.9.106.210/saq211224.mp3</a> <a href="http://abelian.org/vlf/tmp/saq211224a.png">http://abelian.org/vlf/tmp/saq211224a.png</a> <a href="http://abelian.org/vlf/tmp/saq211224b.png">http://abelian.org/vlf/tmp/saq211224b.png</a>
United Kingdom	Leeds	David Pratt	G4DMP	Radio receiver & local antenna	Home brew Datong design VLF converter into an Elecraft K3 transceiver, end fed antenna.	RST 559	Today's transmission somewhat weaker than usual. Also watched the YouTube live stream - Excellent! Thank you again to all involved.
United Kingdom	Lowestoft	Carl Langley	G3XGK	Radio receiver & local antenna	Drake TR7 +doublet strapped as Marconi antenna.	Unheard	Too much SMPS broadband noise here to receive the signals,Will try again in July. Mni tks for transmitting the broadcast from SAQ and best wishes for 2022.

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
United Kingdom	Glenrothes	Peter Newton	GM0EZR	Radio receiver & local antenna	The receiver is a SPM-31 with a 10 meter long wire. The signal from the SPM-31 feed into the PC soundcard, the software being used is Spectrum Labs.	10db above the noise	Image URL <a href="https://www.facebook.com/photo?fbid=1052225838681207&amp;set=gm.1615332885475667">https://www.facebook.com/photo?fbid=1052225838681207&amp;set=gm.1615332885475667</a> Dear all,  It was great to tune into 17.2 kHz this morning to hear the world-wide Christmas CW broadcast message from SAQ Sweden :-)  Unlike last year, this year I had a decent narrow band Receiver, good converter and a VLF loop all set up beforehand.  Equipment: homemade VLF to 10 MHz converter, IC-R70 receiver (+narrow CW filter) + Easy loop VLF antenna  I got 569 signal from your amazing 100 year old mechanical transmitter  BUT I forgot to check how much space was left on the memory card of my MP3 recorder and so only recorded the first 20 seconds or so of the 4 min Christmas message !  Anyway it was great to hear it and copy the CW (just about cope with speed).  I will be putting up a YouTube clip sometime in the near future.  Happy Christmas to you all - Thank you :-)
United Kingdom	Brighton	Jonathan Hare	G1EXG	Radio receiver & local antenna	homemade VLF to 10 MHz converter, IC-R70 receiver (+narrow CW filter) + Easy loop VLF antenna (see <a href="http://www.creative-science.org.uk/vlf.html">http://www.creative-science.org.uk/vlf.html</a> )	RST 569	Jonathan, G1EXG Brighton, UK
United Kingdom	Everdon	Colin Anderson	G4TBN	Radio receiver & local antenna	FT-857D+Low Frequency Converter/Antenna 50M Long Wire	589	Good Signals throughout the Transmission.
United Kingdom	Poole Dorset	Peter Forshaw	G0JJI	Web- or Kiwi-SDR & remote antenna	desktop pc and monitor	589	
United Kingdom	Ashford	Steve Gray	G4VRR	Radio receiver & local antenna	Icom IC-7200, Datong VLF Converter, PA0RDT MiniWhip, BHI Compact Inline DSP and Datong FL3 in tandem.	QSA:3 QRK:2	Frequent irregular QSB which was truncating individual characters making copy reliant upon anticipation. Loc: IO91SK
United Kingdom	Leicester	Gerald Stanley	G3MCK	Radio receiver & local antenna		QSA 3 QRK 5	Many thanks for keeping this fine machine going.
United Kingdom	Cyncoed, Cardiff	Andrew Bell	GW4JJW	SDR- or Kiwi-SDR & local antenna	Preamp + laptop + SAQRx V0.94, square loop 103cm side tuned	RST 599	
United States (USA)	Loveland	Richards, Eric	KB0YDN	Radio receiver & local antenna	Ten-Tec RX-340 plus ALA loop, Mini-Whip, and 100 meter wire, all tried.	Unheard	Extreme QRM. The problem is on my side. The antennas and receiver may not necessarily be up to the job. I will have to build an antenna for Alexanderson Day.
United States (USA)	WALES	GLEN RHINESMITH	N9FBG	SDR- or Kiwi-SDR & local antenna	SDR AIRSPY DISCOVERY WITH A 160M INVERTED U IN MY TREES UP AT 10M. 73 DE N9FBG	Unheard	I HAVE INTERFERENCE FROM THE CHRISTMAS LIGHT SWITCHING SUPPLIES IN THE AREA
United States (USA)	Alpharetta, GA	Joseph Schippert	AJ2Y	SDR- or Kiwi-SDR & local antenna	SAQ Panoramic VLF Receiver v0.94, 160m Inverted L antenna	Unheard	
United States (USA)	Minden	Ott, Ron	W6XY	SDR- or Kiwi-SDR & local antenna	RFSpace Cloud SDR + Wellbrook 1m loop	Unheard	
United States (USA)	Portland	Andrew Herrschaft	KC1ILY	Radio receiver & local antenna	JRC NRD 525 active vertical / SDRUNO w DX Sloper	Unheard	
United States (USA)	Elgin	Robert Eastman	Robert Eastman	Radio receiver & local antenna	Receiver: Airspy HF+ Discovery (SDR) Antenna: YouLoop Console: SDR# ("SDR Sharp")	Unheard	Wonderful YouTube presentation! Thank you!

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
United States (USA)	Springfield, Virginia	Richard Hayter	N4HAY	Web- or Kiwi-SDR & remote antenna	Active Miniwhip, RTL SDR Dongle at NA5B WebSDR station	Unheard	
United States (USA)	New Bloomfield, Missouri	Michael Dolson	N0ZH	SDR- or Kiwi-SDR & local antenna	SDRplay RSP1A, Off Center Dipole - 125 ft long	Unheard	Thank you for keeping our radio heritage alive.
United States (USA)	ossian	gedas C vysniauskas	W8BYA	SDR- or Kiwi-SDR & local antenna	RSPdx with external 1 kHz passive HPF with my 75m HAM inv-v antenna with feedpoint at 70'	Signal was seen visually on the waterfall, in and out with QSB mixed between DX lightning crashes. I have posted a video on the VLF-ULF-ELF FB group.	TU so much for making this wonderful transmission at night where we here in EN70, Indiana may have a chance to hear/see it. 73
United States (USA)	Ashland, Ohio	Doyle Braun	Ki8L	SDR- or Kiwi-SDR & local antenna	RSP-DX receiver and 540 ft. Beverage antenna	Unheard	local noise was very low during transmission, no signal or trace from SAQ. Thank You, Will try again next December. Merry Christmas and Happy New Year.
United States (USA)	Tucson, Arizona	Hal Hostetler	WA7BGX	Radio receiver & local antenna	Kenwood TS-940SAT	Unheard	I'll try again next transmission!
United States (USA)	Belmont, CA	Aaron Heller		SDR- or Kiwi-SDR & local antenna	SDRplay RSP-1, mini-whip on a grounded 2-meter pole	Unheard	Also listened on the websdr at U of Twente, S9, clear signal.
United States (USA)	Graham, Wa.	John Hamilton	AD7AW	Radio receiver & local antenna	FLEX 6300 (w/ SDR) using 160M Doublet antenna	Unheard	Watched live <a href="https://www.youtube.com/watch?v=Ecg2UrKvNr8">https://www.youtube.com/watch?v=Ecg2UrKvNr8</a> . Great to see the Alternator still in operation. My grandmother was first generation from Stockholm but I do not speak the Swedish language so it was nice to hear the proceedings in English. Some time ago, I watched your videos of how the Alternator was constructed and operates but can no longer find them. Are they still available? Thanks again for all the work you and crew put in to keep this history alive. Merry Christmas to all of you. 73, jon, ad7aw
United States (USA)	Pottstown	Robert D Bartola	N3SWL	SDR- or Kiwi-SDR & local antenna	Antenna: 4-foot square tuned loop. Preamp: homebrew common base PNP, loop series fed to the emitter. RCVR: SDR Play model RSPdx	between -120 and -130dBm. able to see the signal on the spectrum and waterfall display. Noisy but copyable.	I do have a spectrum photo of SAQ's 2021-12-24 signal.
United States (USA)	Riegelsville	David Fogg	KC3AWJ	SDR- or Kiwi-SDR & local antenna	Receiver: SDRplay RSPdx (Mode: CW, BW: 750 Hz) --- Software: SDRuno --- Antenna: Mini-Whip (bias T: Transformer type, Whip extension: 24 inch, Elevation: 18 foot mast).	Unheard	New antenna. Didn't have much time to check it out. The antenna didn't seem very sensitive at VLF and LF, but did at MF and HF. I wasn't expecting much from such a small antenna and at such a distance but it was all I had, it was easy to set up, and I wanted to give it a try. I'll try again and hopefully, be better prepared next time. I followed your Live Streaming on YouTube as you were transmitting and even though I couldn't hear your transmission, it was fun trying. It's wonderful and amazing to me, that you've preserved the Grimeton Station, its antenna, and the Alexanderson Alternator and that you've kept it on the air. That an ancient mechanical radio transmitter even exists, is remarkable.  Merry Christmas and Happy New Year, David KC3AWJ
United States (USA)	Richwood	Ronald Diehl	NQ8W	YouTube Livestream		Unheard	
United States (USA)	Tracy City	Chris Waldrup	KD4PBJ	Radio receiver & local antenna	E Field Active Probe (Ralph Burhans design) and HP 312B selective microvoltmeter	Unheard	
United States (USA)	Massillon	Gerald P Sorensen	KG8RRY	SDR- or Kiwi-SDR & local antenna	RTL-SDR, Ground Loop	599	Good tone, no fading
United States (USA)	Palmer Wasilla	laurence howell	KL7L	Radio receiver & local antenna	Eprobe LNA, Spectrumlabs, Audicity	Unheard	Thanks for the transmission; very rare not to detect as GBZ good signal
United States (USA)	Canton	William Harvey	WA8KWD	Radio receiver & local antenna	Icom 9000	Very little and uncopyable noisy	Went to youtube and copied the program very will nice job and thank you.
United States (USA)	Ord	Nicholas Cashoili	N0ASL	YouTube Livestream	SDRPlay RSPdx and DX Commander Vertical.	I stayed up late to watch the live stream. But I was unable to hear you on my SDR, I need a better antenna.	Thank you for the transmission, next time I plan to use a larger antenna.
United States (USA)	Osceola	Steven Jacobs	N0XC	Radio receiver & local antenna	Antenna is a 160M inverted L, 20 meters high. Receiver is an old Rycrom selective voltmeter.	Unheard	Lots of fun trying. Maybe I'll have better luck next time. Thanks to all at the museum!

Country	City	Name	Your call sign	Equipment	Equipment details	Reception Quality	Additional information
United States (USA)	Charlestown, Rhode Island	Bowne, Christopher	AJ1G	Radio receiver & local antenna	Wandell und Goltermann AT-611 Selective Level Meter Receiver Antenna 200 foot Beverage located on sand on shore of salt pond just inland from ocean	QSA 5 QRK 5 -100 dBm 20 dB SNR Copied entire transmission, light static present	
United States (USA)	Springbrook Township, PA	Nathaniel Frissell and Jones	W2NAF and KC3EEY	SDR- or Kiwi-SDR & local antenna	VLF E-Field active antenna (built in preamp) with vlfx-tools software on a Raspberry Pi with Audio Injector soundcard.	RST 329 Fading was observed and did not allow the whole message to be copied, but most of it could be copied. It was difficult to copy, but possible.	According to LWPC modeling, the signal was 22uV/m at the antenna with 8uV/m noise floor. The power spectrum plot integrated over the message duration: <a href="https://drive.google.com/file/d/1xT9DFAo-CZ3dcudec09dSQiwtlQZU6nD/view?usp=sharing">https://drive.google.com/file/d/1xT9DFAo-CZ3dcudec09dSQiwtlQZU6nD/view?usp=sharing</a> The small peak in between the two large peaks (60Hz mains harmonics) is the carrier. An mp3 recording is available at: <a href="https://drive.google.com/file/d/1KgLSOCMnkfhC5yBDN0bz8N0WOLn5uXZa/view">https://drive.google.com/file/d/1KgLSOCMnkfhC5yBDN0bz8N0WOLn5uXZa/view</a> CW can be heard two minutes into the recording, but fading is certainly detectable.
United States (USA)	Baltimore, Maryland	John Phelan	N3DRA	Radio receiver & local antenna	Cubic HF-1030 receiver and homemade preamp	Unheard	Working on building an upconverter for next time!

MESSAGE:	REPORTS:				cont.			
	Country	Heard	Unheard	YouTube	Country	Heard	Unheard	YouTube
"CQ CQ CQ DE SAQ SAQ SAQ =	Argentina		1		Philippines	1		
THIS IS GRIMETON RADIO/SAQ IN	Australia		1		Poland	15	2	
A TRANSMISSION USING THE ALEXANDERSON	Austria	14			Portugal	1		
200 KW ALTERNATOR ON 17.2 KHZ. =	Belgium	13	1		Romania	3		
	Brazil		1		Russia	11	2	
	Canada	4	2		Serbia	3		
WE WISH YOU ALL A MERRY CHRISTMAS AND A HAPPY NEW YEAR.=	China	1	1		Slovakia	2		
	Cuba		1		Slovenia	2		
	Czech Republic	18	1		Spain	9		
SIGNED: WORLD HERITAGE GRIMETON RADIO STATION	Denmark	6	1		Sweden	40	1	
	Finland	12			Switzerland	14	2	
AND THE ALEXANDER GRIMETON FRIENDSHIP ASSOCIATION. + =	France	14	3		Thailand	1		
NB! FOR QSL INFO PLEASE READ OUR WEBSITE ALEXANDER.N.SE +	Germany	229	9	5	Ukraine	7		
DE SAQ SAQ SAQ @	Gibraltar	1			United Kingdom	39	3	
	Greece	3	2		United States (USA)	6	18	1
	Hong Kong	2						
	Hungary	5	2					
	Indonesia		1					
	Italy	30						
	Japan	10	3	1				
	Lithuania	4						
	Malta	1						
	Netherlands	52	3					
	New Zealand	1	1					
	Norway	4						
					<b>Total: 647 reports</b>	<b>578</b>	<b>62</b>	<b>7</b>