

Country	City	Name	Call sign	Reception via	Equipment details	Reception Quality	Additional Information
Austria	Bregenz	Manner Roland	OE9RMV	SDR- or Kiwi-SDR and own antenna.	PC Soundcard, SAQRxV094_48k.exe Big G5RV used as T-Antenna.	QSA 5 QRK 5 (20dB over Noise)	
Austria	Gmunden	Vichtbaur, Hartwin	OE5VCM	Radio receiver and own antenna	Aktiv Loop Antenna 80cm indoor, Datong VLF converter, Yaesu FT-891	QSA 3	
Austria	Goessendorf	Helmut Siegl	OE6IEG	Radio receiver and own antenna	Icom IC7300 + 10MHz Up-Converter, CW Filter 41 Meter longwire antenna 10m up	488 RST	250Hz CW-filter Noisereduction on, Loc: JN77RA Local QRM S9+10db
Austria	Hadersdorf-Kammern	Hermann	OE3RV	Radio receiver and own antenna	RX: AOR 7030 Ant:50m long	5/9 +10db/9	tnx or transmission.I wish you merx Xmas and all the best for the next year.
Austria	Innsbruck	Andergassen Christian	OE7CAH	Radio receiver and own antenna	R&S EB510	15 dByV	
Austria	Kuchl	Christoph Ratzer	OE2CRM	Radio receiver and own antenna	WinRadio Excalibur G33 PRO, Beverage Antenna 200mt 0 degrees for SAQ from Salzburg	SINPO 34333	https://remotedx.wordpress.com/2019/12/22/new-beverage/
Austria	Leibnitz	Robic Patrick		Radio receiver and own antenna	Microtelecom Perseus SDR with a MiniWhip antenna	SINPO 23332	mp3-recording from 0758 UTC on: https://www.dropbox.com/s/s525202u3xhi6hb/SAQ%20Grimeton_17%2C2_241219_0758.mp3?dl=0
Austria	Leobendorf	Michael Aschauer	OE3MAA	Web- or Kiwi-SDR and remote antenna	http://witikiwi.ddns.net:8073	SINPO 35353	
Austria	Münchendorf	Andreas Malek	OE3DMB	Radio receiver and own antenna	50cm whip antenna connected to a minidisc recorder as 'preamplifier', which output connected to AOR AR-5000.	599	
Austria	Neulengbach	Andreas Öller		SDR- or Kiwi-SDR and own antenna.	1x1 meter, 40 turns magnetic loop, soundcard, spectrum lab	40 db above Noise, noise and interference but sufficiently clear audio signal.	Thank you for keeping up this nice tradition. Merry Christmas. It would be nice to receive a QSL Card.
Austria	St Veit an der Goelsen	Wilhelm Damböck	OE3IDS	Radio receiver and own antenna	Ferrit Antenna, Converter with xtal 10 mhc und SA612, MCHF SDR TRX, all home made	579, no QSB, no QRM	Nice X-mas day and all the best for 2020
Austria	St.Poelten	OE3XHT Clubstation	OE3XHT	Radio receiver and own antenna	RFT EKD100, HEXBeam	599	
Austria	St.Pölten	Lechner Manfred	OE3MLW	SDR- or Kiwi-SDR and own antenna.	Miniwhip active Antenna and ELAD FDM DUOr SDR Receiver	RST 588	Thanks for the Christmas Transmission 2019
Austria	Tulbinger Kogel	Gerhard Kreuzer	OE3GKC	SDR- or Kiwi-SDR and own antenna.	Mini Whip antenna 16m above ground and PC with Sound Card and SAQ-094 software	57	25dB above noise, best reception as Long as I listen SAQ
Austria	Wels	Erich Witibschlager		SDR- or Kiwi-SDR and own antenna.	RX: Perseus ANT: 1m loop with Nti ML200 amp.	RST 579	
Austria	Wiener Neudorf	Richard Altmann		SDR- or Kiwi-SDR and own antenna.	Loop, PA, PC SAQ-Panoramic VLF Receiver n0.98	RST 598	
Austria	Wilhelmsburg	Filzwieser Franz	OE3FFC	Radio receiver and own antenna	All Homemade SDR-TRX "mCHF", 10mc Converter mit SO42, Ferritantenne 30cm mit BF245 Fet Preamplifier	RST 569 fb Signals, no QRM or QRN	
Austria	Wolfsberg	Alfons Jöbstl	OE8AJK	SDR- or Kiwi-SDR and own antenna.	Antenne: Vertikal Delta Loop for 6 to 30 Meters, without Balun 10 Meters high. Receiver: band-pass filter for 17,2kHz Computer STR-Receiver Sound card with Programm Spectrum Lap V2.94b2	5 6 9 (Signal strenght ca. -90 dBm) heavy QRN/QRM from Electrosmog	in progress look for my Call in the WWW Receiving Time SAQ: 07h 57 min 30sec to 08h 04h 33h GMT
Belgium	Bourseigne Vieille	Hublet Philippe	ON6ZY	UNHEARD - Radio receiver and own antenna	Rohde & Schwarz ESN test receiver with long wire antenna	14,5dBµV	
Belgium	Bredene	Luc COUCKE	ON8CL	Radio receiver and own antenna	Kenwood R-5000 - Datong VLF converter - Long Wire antenna	557 to 567	I hope that with my report I can still contribute to where you can be received. Thanks to all OM's for their commitment. 73's
Belgium	Destelbergen	Noël Van Langerart	ON6QQ	SDR- or Kiwi-SDR and own antenna.	Laptop with "spectrum lab" installed on it and a tuned ferrite antenna with positive feedback. The ferrite core consists of 10 rods 10x200mm with 473 turns as the main coil and a tickler coil (positive feedback) with 30 turns.	RST569	

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Belgium	Hamme	Eddy Drieghe	ON5JK	SDR- or Kiwi-SDR and own antenna.	Home made tuned square loop approx 1m size. Computer and Speclab program. Antenna height approx 8m.	One of the strongest signals ever. 27dB over random noise. (Average noise is -80 dB/ signal at -53 dB)	Frequency a little bit instabel during tune-up.
Belgium	Lokeren	Patrick Verkimpe	ON4CDJ	Radio receiver and own antenna	AirspyHF+ Discovery SDR with indoor passive loop.	RST 419	Please disregard my previous report, I made a signal report mistake.....RST is 419, not 415....sorry for the mistake ! Merry Christmas to the SAQ team, and thanks for the transmission !
Belgium	loppem	jaak versyck	on4tt	Radio receiver and own antenna	kenwood ts450 +refcom converter	59	very good reception
Belgium	Mortsel	Joost Luyten	ON3JT	Radio receiver and own antenna	Initial test with ZS6BKW antenna to mic input and SDR#. Second = Icom IC756 + Datong VLF Converter + 50 MHz Dipole	RST 357, S4 noise on the Iom IC 756, v	Small recap + screenshots on https://on3jt.byze.be/saq-reception-christmas-2019
Belgium	Opwijk	johnny	ON6JR	Radio receiver and own antenna	RFT ekd 500	59 verry strong	
Belgium	SAINT SERVAIS	patigny marcel	ON5VK	Radio receiver and own antenna	siemens receiver with cadre antenna	signal 59	
Belgium	TEMPLOUX	thierry wiame	ON4LTW	Radio receiver and own antenna	Siemens receiver D2087 with a long wire	RST59	
Belgium	TONGEREN	Hugo Sneyers	ON6HN	Radio receiver and own antenna	Tuned loopantenne and 1 tube-receiver (ECH81) and old morsewriter	RST 579	www.radiotongeren.be/grimeton-24-12-2019.MP4
Belgium	Veurne	Hugo Matten		Radio receiver and own antenna	RX: Perseus SDR. ANTENNA: Beverage Antenna 385 metres long on 40°. (without balun!)	SINPO 34444	I can't do well decode morse myself but with the computer program 'CW Get' I was able to translate this: Between 07.45 and 08.00 UTC I heard in the Morse code always repeating : 'vvv vvv vvv de saq saq saq.' Between 08.00 and +- 08.04 I heard in morse: "Cq cq cq de saq saq saq-this is grimeton radio/saq in a transmission using the alexanders on ito00kwalternatoron17.2kesz. we wish you a merry Christmas and a happy new year. =signed:..... world heritage atgrimeton veteran.....association AR= for qsl info please read our website:www.alexander.n.se www.alexander.n.se =AR de saq saq saq SK" On this link on the internet: https://app.box.com/s/3g8ozruqwxxyh123u0p70w6kg6pjc8 you can listen to a mp3 audio recording with the message of this broadcast I received here in Veurne, Belgium on December 24 at 08.00 UTC. On this 'Youtube' movie: https://youtu.be/OjdtDosAedU you can see the message of this broadcast on my Perseus SDR receiver between 08.00 UTC and 08.04 UTC (= the end of the broadcast).
Canada	bauiline	craig, joe	vo1na	Radio receiver and own antenna	beverage aerial, lf10 preselector, sm6lkm converter, ft-817 tuned to 10017.2 kHz	rst 449	Thanks and Merry Christmas to you as well!
Canada	Saint-Georges	Louis Carrier	VE2EZD	SDR- or Kiwi-SDR and own antenna.	40 turn loop, OPA27 preamp, SDRplay RSP2pro, SDRuno, Thinkpad laptop	23353	
Canada	Saint-Joachim-de-Shefford	Granby Amateur Radio Cl.	VE2CRG	SDR- or Kiwi-SDR and own antenna.	Battery-powered W1VD's Modified AMRAD E-Probe, isolation transformers, twisted pair, SDRplay RSP2pro Hi Z input + SDRuno.	RST 339	Ops. VE2JWH, VE2AAY & VE2PSU drove to rural location, 03h00 local, -8°C. How it sounded in FN35sk (1.8 MB) https://www.dropbox.com/s/b9b86g28zyb6v2b/SAQ_201912_FN35sk_CW700_150BW.mp3?dl=1 Two-minute clip of SDRuno (37 MB) https://www.dropbox.com/s/fr5pagiajofus9e/SAQ_201912.mp4?dl=1
Czech Republic	Brandýs nad Labem	Šimon Šustek		Web- or Kiwi-SDR and remote antenna	http://websdr.ewi.utwente.nl:8901/	Good	
Czech Republic	Čelákovice	Alexander Fišera		UNHEARD - SDR- or Kiwi-SDR and own antenna.	PC sound card+SW ANT 25m LW and 100m LW		

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Czech Republic	Chýnov	Bobek Martin	Martin Bobek	SDR- or Kiwi-SDR and own antenna.	Cloud IQ SDR receiver and vertical antenna with impedance matching transformer (balun).	599, strong signal	Thank you and Merry Christmas!:-)
Czech Republic	Holice	Půža	OK1VLA	Radio receiver and own antenna		RST 599	
Czech Republic	Horní Němčí	Jedelsky David	OK2FCO	Radio receiver and own antenna	Mini-Whip output to sound-card on notebook	SINPO: 43543	Thank you for the transmission,
Czech Republic	Lhota	Jan Černohorský		Web- or Kiwi-SDR and remote antenna	http://websdr.ewi.utwente.nl:8901/		
Czech Republic	Mladá Boleslav	Jaroslav Fidra	OK1FTM	Radio receiver and own antenna	PC with SAQrx V 0.98 AER W3DZZ	RST 569 -589	Pse QSL via OK buro. Merry Christmas and HNY 73! Jarda OK1FTM
Czech Republic	Nadryby	Šlehofer Petr		Radio receiver and own antenna	AOR 7030, JRC NRD535, Elad FDMS2, MiniWhip, BOG antenna 85m, EWE antenna	very good signal	
Czech Republic	Prague 5	Vashek Korinek	n/a	SDR- or Kiwi-SDR and own antenna.	Win Radio Excalibur Pro with approx. 15 m random wire	SINFO = 25353	Heard from 07h46 UTC (tune-in) to 08h05 UTC (end of the broadcast). Did not understand the message as I am not good at my Morse Code, but from 07h46 to 08h00 I've heard many cycles of "VVV" (3x) and "DE SAQ" (3x). I reside in South Africa, but currently in Czech Republic on holiday.
Czech Republic	Prague 6	Vlastimil Pic	OK3VP	SDR- or Kiwi-SDR and own antenna.	KiwiSDR, ANT MiniWhip		Merry Christmas.
Czech Republic	Praha	Ladislav Mrkva	OK1LAD	SDR- or Kiwi-SDR and own antenna.		578	
Czech Republic	Praha 6	Němejc Jiří	OK1CJN	SDR- or Kiwi-SDR and own antenna.	PC Dell Latitude, OS: MS-Win7, sw: Rocky 3.7, 48 kHz sampling, ant: miniwhip by pa0rdt	RST 599, 10dB over noise	Congrats to all veteran club members
Czech Republic	Rtyne v Podkrkonosi	Franek Vladimír	OK1MRS	SDR- or Kiwi-SDR and own antenna.		RST 589	Locator: JO80AM
Czech Republic	RUZYNE	KLADIVA JAROSLAV	OK1DSO	Radio receiver and own antenna		SNR 25dB NOISE	
Czech Republic	Týnec nad Labem	Karel Styblo	OK1DWF	Radio receiver and own antenna	Ferite antenna, peamplifier, convertor By G3xbm And qcx tranceiver	579	
Czech Republic	Vracov	Pactl Jan	OK2BUT	SDR- or Kiwi-SDR and own antenna.	Clean listening without interference.	589	Thank you for a wonderful experience.
Czech Republic	Vsetin	Robin S.		SDR- or Kiwi-SDR and own antenna.	Amplifier by OK1FCB , Copper ground rods 30cm long (20cm in ground), 30m apart 0 and 180 degress when looking to direction of Grimeton from amplifier position, Soundblaster soundcard and Spectrum lab ran on netbook under Linux with WINE.	S4	Amplifier schematic (I used Czechoslovakian MAA1458 (equivalent of LM1458) instead of TL082CP. https://ok1fcb.webnode.cz/konstrukce/mereni-zemnich-proudu
Czech Republic	Zaryby	Petr Kospach	OK1VEN	SDR- or Kiwi-SDR and own antenna.		Nice signal!	ANT LW, PC, SAQ VLF SW
Czech Republic	Zlín	Cunderla Pavel	OK2BMA	Radio receiver and own antenna	FT817 plus converter NE602, antenna 40 m longwire	589	Thanks for excellent transmission and for your effort to keep this station alive. It was pleasure to watch you directly on youtube, regards to Lars and the whole staff, Merry Christmas and Happy New Year, Pavel, OK2BMA
Czech Republic	Zlín	Sahaj Michal		SDR- or Kiwi-SDR and own antenna.			
Denmark	Naestved	Bent Schatter	OZ2BS	Radio receiver and own antenna	KENWOOD TS-850, and down converter to 17,2 Khz. 10 meter vertical ant.	Only S5	
Denmark	Odense NØ	Erik Skov Christensen		Radio receiver and own antenna	Sony ICF2001D receiver, hambrew converter a'la sm7ucz, ferrit antenne from transistor radio LW coil no C	599	20 - 30 dB over QRM/QRN
Denmark	Soenderborg	Carlsen, Hans Werner	OZ6AQ	Radio receiver and own antenna	Sloper dipole and E401	589	
Denmark	Varde	Kaj Vagn Larsen Keller	OZ9QL	Radio receiver and own antenna	RX RACAL 1772, ANT 21 mtr. longwire	RST 569	I ønskes en glædelig jul og et godt nytår.

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Denmark	Vejby	Henrik Fredskild	OZ1BFM	SDR- or Kiwi-SDR and own antenna.	Kiwi with PA4RDT mini whip antenna	578	http://oz1bfm.proxy.kiwisdr.com:8073/?f=17.19cwnz12
Denmark	Värlöse	Jesper Fogh Bang	OZ1XB	Radio receiver and own antenna	ICOM 7200 + homemade convertor, 60m dipole and feeder as vertical together with solid ground rods		Fine and strong signal
Finland	Hyvinkää	Jarmo Patala		SDR- or Kiwi-SDR and own antenna	Perseus SDR + Wellbrook ALA100 + Wikar	SINPO 35433	At 0754 test then 0800 UTC SAQ message
Finland	Jomala, Åland	Kurt Jansson		Radio receiver and own antenna	ICOM IC-R 8600 med 50m antenn	SINPO 22150	
							Details: CQ de SAQ SAQ SAQ this is grimeton radio/saq transmission using the Alexanderson alternator. We wish you all a merry christmas and a happy new year
Finland	Jyväskylä	Heinikangas Janne	OH6-201	SDR- or Kiwi-SDR and own antenna.	AirSpy HF+ with active loop antenna	58	Here is clip of my listening: https://app.box.com/s/q7a4v18ubz19hakt3uqddtuo01edobe4
Finland	Kauvatsa	Kulkki Jari	OH1EB	SDR- or Kiwi-SDR and own antenna.	Swedish PC program for audiocard, 160m dipole antenna.	RST 339	Rcvd cw msg: CQ DE SAQ=THIS IS GRIMETON RADIO/SAQ IN A TRANSMISSION...
Finland	Myrskylä	Virtasalo, Markus	OH1KIO	SDR- or Kiwi-SDR and own antenna.	Elad FDM-S1 with Wellbrook ALA-100LN	-90dBm	Alexandersson generator idling signal level -110dBm and keyed carrier level -90dBm
Finland	Mäntsälä	Solasaari Juha	OH5SH	Radio receiver and own antenna	Lowe HF-225, up-converter (to 10 MHz), 'mini-whip' active antenna	RST 589	pse QSL direct, tnx
Finland	Pori	Johansson Marco	OH22192	SDR- or Kiwi-SDR and own antenna.	RSPDuo SDR, PA0RDT MiniWhip connected to the Z-connector of the Duo. MiniWhip with huge grounding and about 10 meters high.	SINPO: 54445	Started around 7:42 UTC with fine tuning of the frequency, then the automated ID (V de SAQ) until 8:00 (sharp) UTC with the live keying - ending 08:04 UTC. Recording (RSPDUO I/Q) available from 07:15 - 08:15 UTC.
Finland	Simpele	Liimatainen Kauko	OH5MC	Radio receiver and own antenna	2.4 m loop, upconverter & IC7300	RST 579 fine signal, no QRN	
France	Ariège	Alain		Radio receiver and own antenna	homemade active Loop antenna ICOM ICR 71	Good copy	
France	Dijon	Chevalerias	F6EKG	Radio receiver and own antenna	receiver pro WG-SPM60 antena long wire of 14 meter	519	and PC with SM6LKM and wire 10m. no more signal at 9h04 local. best73
France	Evry-Gregy/Yerres	Brunel Michel	F5WK	SDR- or Kiwi-SDR and own antenna.	Red Pitaya 10 m vertical + FET amplifier/ impedance adaptor + PowerSDR mRx	30 dB SNR (599)	
France	GRESSWILLER	Alphonse F2WA	F2WA	Radio receiver and own antenna	TS850 + converter active antenna (OP42)	439 +20db over noise	
France	LE VAUROUX	GODET Jean-Pierre	F5YG	Radio receiver and own antenna	Wire 76 m long 12 m high, sound card and Spectrum-Lab	QSA 4, QRK 5	Thank you so much, Lars and all at Grimeton-Radio/SAQ. Have a nice Christmas ! https://www.facebook.com/photo.php?fbid=1087670804958150&set=gm.1064030153939279&type=3&eid=ARBp1ZR-27XlwZs2iaB1GFLlj6b2SiUHRlVl5yY3XO1qBSQQ_x7twCg92aPTCZSIPZp2rlmMv9NJosTh&ifg=1
France	Louargat	Jean-Marie POLARD	F5VLB	Radio receiver and own antenna	Earth probes antenna (underground) 2m long, 27m spaced oriented N-W, rcvr Berhringer UMC202HD, soft Spectrum lab configuration SAQ rcvr	+10dB above noise	
France	lyon	andre	F1EVZ	Radio receiver and own antenna	Recepeur Pegelmesser	RST51	73 a tous Joyeux Noel
France	LYON FRANCE	JEAN LOUIS DESCOMBE	F6BNL	Radio receiver and own antenna	HAGENUK RX1001M German RX + inside homemade aperiodic loop (frame : 42x30 cm , 20 turns of smooth copper wire wounded on an old empty cardboard Meccano box) hi...	RST : 569	Congrats one more time to whole SAQ team. Merry Xmas, Happy New and healthy New Year to you and yours and your visitors. 73 and 88. HPE CUAGN on 17.2 Khz.
France	MONTAUBAN	THEVENOT Christian	F1VL	Radio receiver and own antenna	loop 1 meter diameter ,preamp ,AR5000	Very nice signal this morning more than 20 dB S/N	
France	PARIS	Daniel	F1TAY	Radio receiver and own antenna	Convertisseur DATONG 28MHz/VLF + Receiver NRD-525 Antenna : long fil	Bon signal mais très fort QRN local	Sound file of my audible reception here : https://www.cjoint.com/c/ILYiYOfpVe
France	TOULON	Manu	F5ROL	SDR- or Kiwi-SDR and own antenna.	Rx SDR winradio G31 Ant active loop Whellbrook LF1010 Bandwidth used: 300 hz	rst 579	Good copy today. Thank's a lot for this transmission and congratulation's to all SAQ team. Marry christmas
France	Vesoul	Hoël Didier	F1RFK	Radio receiver and own antenna	Yupiteru MVT 7100 + Long wire	558	

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Germany	76694 Forst	Klaus Fraiße	DF2UA	Radio receiver and own antenna	RFSpace- SDRIQ Receiver and Activantenna acc. DJ8L	Vy good today, 20dB over Noise in SW Germany	
Germany	Aachen	Martin Ossmann		SDR- or Kiwi-SDR and own antenna.	Self built Ferrite antenna with SAQRx on PC soundcard	RST 559	Clean signal, approx 15dB over noise at 30Hz bandwidth. It would be nice if it would be possible to attach files (audio, pictures,etc) to this web-report. Best wishes for christmas and the new year
Germany	Alsbach-Hähnlein	GEYER, Karlheinz	DK8KK	SDR- or Kiwi-SDR and own antenna.		RST 588	mni thks fer kpng up this tradition, mry xmas to all of you. vy 73 es 55 de karlheinz, dk8kk
Germany	Anzing	Harald Wickenhaeuser	DK1OP	Radio receiver and own antenna	Signal and noise strength measurement ROHDE&SCHWARZ ESCS Audio reception ROHDE&SCHWARZ EK 56 Antenna ROHDE&SCHWARZ HE 011	Signal 28 dBµV; Noise 22 dBµV @ 200 Hz bandwidth; => S/N = 6 dB	In spite of somewhat inferior S/N ratio as compared to the last transmission absolutely no problem to perfectly read the cw message. Thank you and furthermore good success operating the station. 73, Harald, DK1OP
Germany	Asendorf	Dirk Metz	SWLJO43	SDR- or Kiwi-SDR and own antenna.	City Windom antenna	RST 579	
Germany	Babenhausen	Manuel Lausmann		Radio receiver and own antenna	Wandel & Glotermann SPM 30 Receiver and Bonito Mega Activ Mini Whipe	SINOP 5555 very strong signals	https://www.youtube.com/watch?v=-fmZ8KAi6Gw&feature=youtu.be
Germany	Backnang	Martin Braun	DL5BK	Radio receiver and own antenna	Mini-Whip, SDRplay RSP1 + 16MHz UpConverter, Yaesu FT897, fldigi	788	https://www.dropbox.com/sh/6nop4g47ftaxph/AAD0iYwuMV3FxiOamxqPnH6a?dl=0
Germany	Bad Langensalza	Janik Hofmann		Radio receiver and own antenna	EKD 500 + Langdrahtantenne	Hörbar	
Germany	Bad Reichenhall	Patrick Ramsauer	DF2PR	Radio receiver and own antenna			
Germany	Bad Steben	Claus Löhner	DL8CLO	SDR- or Kiwi-SDR and own antenna.	PC with SAQRx and own active antenne like the one from dl1dbc.net	599	
Germany	Bad Wimpfen	Manfred Kubitz		Radio receiver and own antenna	Home made ferrite antenna. LW converter, xtal 10mhc mixer SO-42P (funkamateur.de). Rx Siemens RK 765	RST559	Many thanks for transmission. I'm so happy, I received SAQ for the first time!
Germany	Ballenstedt	Andreas Kressin		Radio receiver and own antenna	Wandel&Goltermann TPFM76 Level meter with poorly matched 15m long wire antenna on the attic against PE of mains plug. IF passband of 600Hz gave -70dBm reading, about 6dB above noise.	Clearly readeable. -70dBm	Keep on the good work! Many thanks.
Germany	Bannewitz	Steffen Beil		Radio receiver and own antenna	RX is 0-V-2 es ant is ferrite core.	RST599	
Germany	Barsbüttel	Hans Jörg	DE2HJ" DOP3HJW	SDR- or Kiwi-SDR and own antenna.	KIWI SDR with Vertikalantenna and aktive loop antenne Link is: http://kiwijo53cn.ddnss.org:8073/	575	Thank for the nice event vxmas and happa new year
Germany	Barsinghausen	Palme, Wolfgang	DL8ABH	Radio receiver and own antenna	Dressler ARA-60 active antenna + Refcom VLF/LW,MW Receiving Converter 10KHz-2 MHz + TEN-TEC OMNI V (converted to 14 MHz)	rst: 5 4 9 not much qrn	
Germany	Barsinghausen	Kohlhagen Guenter	DC 5 OS	Radio receiver and own antenna	SAQRX Software	10dB above noise	I am waiting for the next signal at alexanderson-day! VY 73 Günter.
Germany	Barsinghausen	Simon Kupfer	DO1SKU	SDR- or Kiwi-SDR and own antenna.	Mini-Whip, Upconverter and FiFi-SDR	356	
Germany	Bentwisch	Mohn, Peter	DK3PM	SDR- or Kiwi-SDR and own antenna.	SAQRxV094_44k + 12m LW	very good signal	
Germany	Beratzhausen	Vogl Stephan	DL1STV	Radio receiver and own antenna	FT897; long wire; homebrew converter; 17kHz to 10 MHz	458	
Germany	Berlin	Klaus Mahlow	DL7AMV	Radio receiver and own antenna	Wandel&Goltermann Level Meter with audio amp, T-Antenna	130 µV	

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Germany	Berlin	Sprodfosky , Wolfgang	DM2SP	Radio receiver and own antenna	My Hardware for your Station: Ant : End-Fed 24m grounded with many buried radials VLF-Converter : (0...600)kHz ----> (2000...2600)kHz with Tubes , Home-made TRX : FT991A , Mode CW , BW: 100 Hz Decoder-SW : CW-Get	RST 589	vy 73 es 55 es mry xmas es hny de Wolfgang , DM2SP
Germany	Berlin	Uwe, Kuerschner	DL7UWE	Radio receiver and own antenna		QSA=5, QRK=5 (very strong)	locator: JO62sm 52° 30' 54" N; 13° 34' 45" E
Germany	Berlin	Siegel, Ralf	DL7SI	SDR- or Kiwi-SDR and own antenna.	Cloud IQ SDR, DX1prof. active ant.	RST 599 +15	Great reception near Berlin, JO62KI. Thanks to the crew.
Germany	Berlin	Uwe Kuerschner	DL7UWE	Radio receiver and own antenna		QSA=5; QRK=5 UFB; very strong	Locator JO62sm; 52°30.900 13°34.714
Germany	Berlin	Olaf Reimann		SDR- or Kiwi-SDR and own antenna.	SDRplay and 6m vertical antenna	10..12dB above noise	
Germany	Berlin	Wolf Preusse	DL7HU	Radio receiver and own antenna	VLF-Converter to 4000,00 kHz + FT990 * Best Antenne: Loop for 10 MHz !	20 dB S/N	Signal + Frequency are very stabil ! Thanks again and Merry Xmas !
Germany	Berlin	Rainer Reiche	Between 07:50 and 08:	Radio receiver and own antenna	Ferrit-antenna, tuned to 17,2 kHz and up-mixer to 10,000 MHz and Sangean AT818 with BFO	signal was very low, but clear to understand	I will improve my equipment till the next transmission
Germany	Berlin	Günter Richter	DL7LA	Radio receiver and own antenna	Active E-field antennas, home built Linux SDR, home built conventional RX, Air Spy with ggrx	RST589	30 dB over local city noise level, excellent S/R. Tnx for all efforts to the team, 73 and HNY
Germany	Bindlach	Baer Friedrich	dl4nax	SDR- or Kiwi-SDR and own antenna.	rx is soundcard at pc, software: SAQ-Rx, Antenna is a magnetic loop 3m diameter	rst: 559; s/n 10dB	my QTH is in Loc: JN59sx
Germany	Braderup	Wolfgang Stein	DM4AF	Radio receiver and own antenna	Telefunken	544	I hope to hear You again. Please change my old e-mail- address from wolfgang_stein@yahoo.de to wolfgang55stein@gmail.com!
Germany	Braunlage	Dieter Baranowski	DF7AX	SDR- or Kiwi-SDR and own antenna.	Antenne NTI MEGA Dipol aktiv, Receiver PERSEUS SDR, SAMSUNG Laptop	599 + 5dB, -70dBm, Frequenz 17.190 Hz	Altitude 650m NN, mni tnx es good luck in 2020
Germany	Braunschweig	Andreas Lubnow	DL6AAS	Radio receiver and own antenna	PC running Spectra Lab, sound card connected to 17m long wire	Clear signal with some local noise	Merry Christmas to SAQ
Germany	Braunschweig	Peter Gorek	DL4ABB	Radio receiver and own antenna	homemade handheld receiver with telescope antenna	599 *****	https://darc-h46.de/2019/12/24/saq-weihnachtssendung/
Germany	Braunschweig	Hillger, Wolfgang	-	SDR- or Kiwi-SDR and own antenna.	0,75 m long active antenna (self-construction), 4 m over ground, soundcard, PC with software SAQrx	RST= 4 9 8	Dear Grimeton team, thank you very much to for the Christmas Greetings. Listening to SAQ was a great pleasure for me.
Germany	Bremen	Holger Schultz	DL1BLE	Radio receiver and own antenna	RX: IC7600, ant: 23m wire, alternativ-mini whip, LW converter wid SO42P	599	today best signal to noise ratio of the last years! used 100Hz cw filter and audio filter
Germany	Buettelborn	Gerhard	DK6WA	Radio receiver and own antenna	Schlumberger Minilock SI6910. 25m vertival for 160/80m.	-91 dBm, 10 dB above noise level	Solid copy, best ever since years.
Germany	Burgrieden	Dr. Dennis Hoss		Web- or Kiwi-SDR and remote antenna	Web SDR Twente	RST 585	
Germany	Chemnitz	Rolf Tannenhauer	tafdx	SDR- or Kiwi-SDR and own antenna.	Perseus receiver, ALA 1530+	SINPO 33343	Fidigi: "THIS IS GRIMETN RADI/SRQ IN A TRANSMI"IO N USIG THE ALEXANDERSQ 2 00 KW TERNATOR ON 17TEKHZ . WEI WISH YOU ALLI A MERRY CHRISTMAS AND A HAPPT NEW YEAN . <BT> SIGNED : TDE WORLD HERIKGE AT GRIMETON ANITHE ALEXANDER- GRIMETN VAERANRADIO S VAENNER A CIATION E<BT> FOR SL INF7 PLEARE AEAD OUR WEESITE : WWWALEXANDER.N.SE

Country	City	Name	Call sign	Reception via	Equipment details	Reception Quality	Additional Information
Germany	Chemnitz	Jürgen Urbig	DL4JWU	Radio receiver and own antenna	Direct mixer (Arne Sikó) loop antenna	RST 599	Thank you for the transmission! Congratulations, the signal was excellent, loud and clear no QRM. Latitude: 50.837714 Longitude: 12.825916 Locator: JO60JU91CB. pse QSL via DARC Buro. Best wishes and a happy new year, I hope to hear you again at Alexanderson Day 2020. 73 de Jürgen DL4JWU
Germany	Chiemgau	Manfred Haider	DG5CF	Radio receiver and own antenna	RX: Lowe HF225 with build in up converter (22MHz DJ8IL) Antenna: active magnetic loop Schwarzbeck FMZB 1538 battery powered	SINPO 22152	Thank you for motivating my to set up this receiving equipment. Thanks to my background supporters.
Germany	Cottbus	Peter Grimmmler	DAB956	SDR- or Kiwi-SDR and own antenna.	Kiwi-SDR, Mini-Whip, PC	RST 599	https://filehorst.de/d/dlHFtvjh , https://filehorst.de/d/dpyicrhb
Germany	Dannstadt-Schauernheim	Abshagen, Hartwig		SDR- or Kiwi-SDR and own antenna.		15 dB	
Germany	Darmstadt	Diederich, Hans G.	DK2XV	Radio receiver and own antenna	Grahn GS5-SE with ferritmodule VLF2 "Alexanderson", Pegelmesser MV61 (bandwidth 0,1 kHz), Hagenuk RX 1001 MVB	S/N = 17 dBm	7:42 UTC = 8:42 MEZ some (three ?) long dashes with slightly minor QSY nearly no QSY (chirp) heard at the beginning of every vvv-sequence (<= 1 Hz) Exact landing in bull's eye, with a minimum of tuning and adjusting, absolutly stable signal, impressive pure tone, never heard ago. excellent, in best shape, how did you achieved that? Keep it that way please. Without knowing anything of your equipment, I had never believed in listening to an electro-mechanical machine! Absolut perfect, I did enjoy. And wish that you succeed in keeping SAQ at that best level of performance. 7:44 UTC = 8:44 MEZ starting tape with "de saq vvv vvv vvv de saq saq saq" 8:00 UTC = 9:00 MEZ "cq cq cq de saq saq saq = this is grimeton radio/saq ..." 8:04:34 UTC = 9:04:34 MEZ "... de saq saq saq sk" 8:02:30 UTC = 9:02:30 MEZ some QRM, Morse keying F1 and F1B RTTY, QRG ~17,8 kHz referring to an utility frequency list, that could be "17,9 kHz NOV US NavyMobil (TACAMO)" No real interference, signal of SAQ always stayed at least 10 dBm stronger than QRM and all the time excellently readable. 73, Hans, DK2XV
Germany	Dinklage	Willenbrink, Clemens	DG1BAR	Radio receiver and own antenna	RX: ICOM IC-703 with lw-converter; loop-antenna	599 solid signal no qrm	
Germany	Dornstadt	Zimmermann Wolfgang		Radio receiver and own antenna	Soundcard, FET-transistor and loop antenne 80x80cm 50w	RST 333	Sorry to tell: very weak signal. Please QSL via bureau: DL1WOL
Germany	Dresden	Uwe Busch	have no callsign	SDR- or Kiwi-SDR and own antenna.	PA0RDT Mini Whip 15m above ground (in the city), Datong VLF Converter to 28 MHz, Bonito 1102s Shortwave IF Receiver (for PC use, like an SDR but not really an SDR)	RST 589	Thank you very much for your work !!!

Country	City	Name	Call sign	Reception via	Equipment details	Reception Quality	Additional Information
Germany	Dresden	Steffen Braun	dj5am	SDR- or Kiwi-SDR and own antenna.	AIRSPY HF+ and Dipol	rst 339	
Germany	Dresden	Frank Dziock	DD4WH	Radio receiver and own antenna	T4 Convolution SDR [DIY SDR Receiver] / Reuter Pocket and DIY SIMWA active electric dipole antenna	32dB above noise (140Hz RBW)	
Germany	Düsseldorf	Thomas Daniels	DL1EEL	Web- or Kiwi-SDR and remote antenna		via websdr Twente	Just to say a big thank you to all of you fr keeping the old lady running. I enjoyed my visit to Grimeton in summer 2018 very much. So merry christmas and a happy new year!
Germany	Eisenach	Smudel Herbert	DH1AN	Radio receiver and own antenna	FT 817 + Converter Ferrit ANT	587	
Germany	Elsfleth	Manfred Baake	DK8BO	Radio receiver and own antenna	HF Transceiver, LF-Converter, GAP Titan Vertical Antenna	RST 3 2 3 QSA 2 QRK 2	
Germany	Emsdetten	Peter, Hans-Jürgen	DL3YBR	SDR- or Kiwi-SDR and own antenna.	SAQ Panoramic VLF Receiver v0.98, Notebook and 80m-Dipol Antenna	558	
Germany	Erkrath	Veit Pelinski	DL7ET / AL3T	Radio receiver and own antenna	VLF converter ,yaesu ft900 and long wire antenna	559	Merry xmas and happy new year
Germany	Essenheim	Bernd Rieth	DF8PX	Radio receiver and own antenna	RX: Siemens Level Meter D2008. ANT: invert L, 18m horiz., 6m vert.	RST579	All the best for 2020.
Germany	Evenhausen	Michael Löw	DL6LM	Radio receiver and own antenna		RST589	
Germany	Feldkirchen	Duy Sebastian	DK5SDJ	Radio receiver and own antenna	Siemens e310 receiver on 40m dipole	56	Good signal during tune up, weaker from 8.00 UTC
Germany	Filderstadt	Uhrich, Peter	DK7SP	Radio receiver and own antenna	2 x 16m dipole with open wire line and two transformers to get the high impedance down to 50 ohms	599, heard your signal with 20 dB S/N	
Germany	Flensburg	Tycho Mohn	DO5FL	SDR- or Kiwi-SDR and own antenna.	SDRplay RSP2pro	599	
Germany	Freiburg	Siegfried Johann Frank	DF3GF	SDR- or Kiwi-SDR and own antenna.	Kiwi-SDR - Antenna MegaLoop FX	577 with QSB	
Germany	Freiburg	Manuel Peisker		SDR- or Kiwi-SDR and own antenna.	PC with Soundcard and longwire antenna (own build)	O Rating 2-3	
Germany	Frielendorf	Markus Neumann	DL8FCC	Radio receiver and own antenna		RST599 +10	
Germany	Fulda	Matthias Zell		SDR- or Kiwi-SDR and own antenna.	Reuter Pocket + Grahn GS 5-SE + VLF2 "Alexanderson"	S7	
Germany	Gerlingen	Rainer Feuerfeil	DL1RTF	SDR- or Kiwi-SDR and own antenna.	Airspy hf + with active E-field probe Megactiv MA305FT and SDR# Software	25 dB above noise	Congratulations to your successfull transmission on Christmas Eve 2019. Thank you for keeping this wonderful machine up and running.
Germany	Gescher	Wuelfing, Friedrich	DK6QI - Friedrich	SDR- or Kiwi-SDR and own antenna.	Perseus + 30m high 160m inv.V Dipol as unmatched vertical T-Antenna	579 starting 07:45 UTC with vvv and ending 08:05 UTC with qsl info	https://www.qrz.com/db/dk6qi 51°56'16.54"N 7°20.89"E
Germany	Glinde	Klaus Thomsen		Radio receiver and own antenna	Home brew equipment (h-field-Loop + direct-mixer reciever)	RST589	I wish you all a merry christmas evening and a happy new year! Thank you very much for operating the transmitter this morning 09:00 local time.
Germany	Goslar	Reichelt, Ekkehard	DJ6HA	SDR- or Kiwi-SDR and own antenna.	Tuned Ferrit-Ant , SDR-Stick	Lesbarkeit Q5, Signalstärke >10 db over noise	Equipment in Souterrain-Wohnung
Germany	Greifswald	Michael Lalk		SDR- or Kiwi-SDR and own antenna.	ELAD FDM-S1 using an ADDX-AT-2C active whip antenna	S3	73, Merry Christmas and a Happy new Year
Germany	Greifswald	Uwe Hethke	DL2KZA	Radio receiver and own antenna	K1 + Transverter, ant.: Loop 0.7x0.7 m², 3 turns abt. 43 µH	RST 599	wie immer in JO64RC ein konstant gutes Signal
Germany	Großröhrsdorf.ot.Bretnig	Marco Hommel	DL0052SWL	UNHEARD - Radio receiver and own antenna	Icom 9000 icr and DXone Activantenna	535	CQ Call SAQ
Germany	Grünhain-Beierfeld	Teumer ,Helmut	DL4WW	Radio receiver and own antenna	Konverter -Ft840- ant LW 20m long	RST 539	thank you very much for the transmission
Germany	Hagenow Heide	Thomas Wieth	DL1SWT	Radio receiver and own antenna	Dipol for 80 Meter on LW Converter mit Icom 7600	RST 43 // tnx marry xmas to you	

Country	City	Name	Call sign	Reception via	Equipment details	Reception Quality	Additional Information
Germany	Halberstadt	Henry Löffler	DB3LO	SDR- or Kiwi-SDR and own antenna.	FiFi-SDR + VLF-converter + VLF-LC-Filter + 2x20m Dipol	559	QRM & QRN from local solar power Equipment. But the Signal was very good to read here! All the best, Merry Christmas and thank You! 73 - DB3LO Henry!
Germany	Halberstadt (JO51MV)	Bernhard Villwock	DM2DXG	Radio receiver and own antenna	IC756Pro3, VLF-Converter (Funkamateur). 160 m Delta Loop	359	Strong QRM, but readable. Maybe better next time.
Germany	Hamburg	Martin Genzel	DK6HM	Radio receiver and own antenna	Antenna dipole 2 x 20m	RST 599 very good signal	God Jul och Gott Nytt Ar !
Germany	Hameln	Kristof Wistal		SDR- or Kiwi-SDR and own antenna	FiFi-SDR + 10kHz upconverter, mini-whip antenna	RST346	
Germany	Hattingen	Sabine Cremer	DL1DBC	SDR- or Kiwi-SDR and own antenna.	Op-amp e-field probe, SAQrx	30 dB over noise	Thank you very much for looking after the Old Lady and keeping her healthy!
Germany	Hebertsfelden	Frischhut Helmut	DJ1RI	SDR- or Kiwi-SDR and own antenna.	RX: PC-Soundcard and Software ARQrx. Antenna: Dipol for 160m and Ground, both dipol halves connected together!	448	This time the signal was not as strong as usual and i had a little local QRM. Thank's for your work!
Germany	Hemhofen	Schorsch, Helmut	DL2NDL	Radio receiver and own antenna	RX: selective level meter Siemens D2008 with 20 Hz filter and AFC on, Antenna: indoors ferrite rod antenna BAZ PFM-S/01/24	-60 dB, some local QRM	
Germany	Hiddenhausen-Eilshausen	Georg Morawski		Radio receiver and own antenna	AOR AR-5000 with magnetic active antenna Grahn-GS5-SE with modul VLF2	3 5 4 4 3	Very strong and clear Signal, WOW!!! I make a Video clip
Germany	Hilden	Alex Choroba		Radio receiver and own antenna	Receiver: JRC NRD-545 DSP Speaker: JRC NVA-319 Antenna: Active MegaLoop ML052 Headphone: Marshall Monitor	SINPO32233	I hope to receive your Station good again next time.
Germany	Holzkirchen	Andreas Stabinger	DD0AS	SDR- or Kiwi-SDR and own antenna.	HW: SDRplay RSP1A receiver + MegActiv MA305FT antenna (similar to MiniWhip) 2,5 meters over ground in the garden / SW: SDRplay Uno + Audacity + Morse Decoder Pro (iOS)	SNIPO=33343	For a listener capable of decoding cw the reception was very fine and clear readable. But there was a silent background beeping by some other source, which made trouble using software decoders like CwGet or similar. After doing some processing in Audacity (bandpass and very strict equalizing to maximize the cw beeping) I was successful in decoding with the App "Morse Decoder Pro". The image http://www.dd0as.org/saq.jpg shows the first successful decoding step, after some fine tuning in Audacity, the full message could be decoded. GPS of the Antenna (694m over sea level): 47.86653 11.70978
Germany	Holzkirchen	Manfred Pautsch	DJ8CK	SDR- or Kiwi-SDR and own antenna.	Soundcard Rx, Ant 2x 10m Dipol and LC - circuit on 17,2 kHz	13 dB over noise	Very strong signal today
Germany	Husum	Hertig Werner	DF4FM	Radio receiver and own antenna	Antenna: Doublet 2 x 20m	RST 559 0800 UTC 17,2 khz	
Germany	Ingolstadt	Nerb Oliver	DL1ONI	Web- or Kiwi-SDR and remote antenna		RST 599	
Germany	Jülich	Hirte Günter	DL2QC	Radio receiver and own antenna	SPM-11 from Wandel Goltermann and longwire ant.	599	
Germany	Karlsruhe	Dr.med. Alexander H. Hahn	DH2ID	SDR- or Kiwi-SDR and own antenna.	1. ELAD FDM-S2 and homebuilt magnetic antenna (bicycle rim) 2. RFSpace SDR-IQ and Grahn GS5-SE with Alexanderson ferrite module	RST 437	The signal was very weak with a lot of local QRM, but readable.
Germany	Karlsruhe	Strolz, Dominik	DF4IAO	Radio receiver and own antenna	Indoor magnetic loop antenna: 59 windings, 3.10m x 1.15m, upconverter SO42P (IF 4.0 MHz), RX: Elecraft K3, 250Hz Filter (BW 50Hz by software)	SINFO 55455	
Germany	Karlsruhe	Daniel	DF8UO	Radio receiver and own antenna	ELAD FDM-S2 SDR with an Active Antenna	469	
Germany	Kelheim	Heinrich Emmerl		Radio receiver and own antenna	Anan Angelia SDR, 2 phased active Miniwhips	579	

Country	City	Name	Call sign	Reception via	Equipment details	Reception Quality	Additional Information
Germany	Kiel	Evelien van Ryckeghem		SDR- or Kiwi-SDR and own antenna.	sdr rx + long wire reelloop antena	S=3 / O=3	location is in Ortsteil Neumuehlen Dietrichsdorf
Germany	Kolbermoor	Rechkemmer, Dietrich	DL5MCN	Radio receiver and own antenna	EKD 500 Ferrit Antenna	599	tnx fer ufb Msg.
Germany	Krailling	Henning Müller-Wilke	DL4MFC	Radio receiver and own antenna	WinRadio G31DDCe, HDWA Whip Antenna 9m above ground	579	Best signal of the last years, no QRM. Thank you for the transmission.
Germany	Kraupa	frieder Göthel	DM4NF	Radio receiver and own antenna	EKD 300 es EKD 500 es "Rahmenantenne" homemade	599	fine signal in JO61 sl
Germany	Krefeld	Czernia	DL1UE, DO1JUW	Radio receiver and own antenna	Mini-Whip Antenna connected to Mic Port	489	Thanks! Merry Christmas
Germany	Köln	Hans-Joachim Rostek	DK4KK	Radio receiver and own antenna	very loud and clear on my old Telefunken Receiver ELK 639	RST 599	
Germany	Laichingen	Krauss Michael	DC1MAK	Radio receiver and own antenna	AOR AR7030 feeded by active tuned rod antenna	RST 366	As a member of the SAQ assosiation i hope you keep the old lady young ☐
Germany	Laichingen	Logemann, Jörg	DL2NI	SDR- or Kiwi-SDR and own antenna.	ELAD FDM-S2, Perseus, active vertical antenna	59+10dB, -63dBm	signal to noise ratio 20dB
Germany	Landshut	Matthias Benker	DL0LA	Radio receiver and own antenna	ICOM IC 7400 + Langwellenconverter Bausatz Funkamateu + Iverted L Antenne für 160m	RST 579	
Germany	Langen	Guido Vattrodt	DL3BZN	Radio receiver and own antenna	antenna: dipol 2x18m receiver: RFT EKD 500	RST549	Thanks again for your effort and your enthusiasm and I wish you a merry X-mas.
Germany	Lehesten	Meyer, Kurt	DL1ALF	Radio receiver and own antenna	Old tubes rx Kopena ex commercial type 14kc-30100kc, ant 2 el boomquad fr 20m	RST 579	Hr transmission via/at 145,475mc for friends, also DL5ANS and other op's in area listening.
Germany	Leinefelde	Hans- Juergen Streich	DL6ATI	Radio receiver and own antenna	Modyfy dcf77 modul and homemade rx	-17,2dBm	
Germany	Lengede	Henri Lueddecke	DK8AR	Radio receiver and own antenna	FT920-mottagare med omvandlare. Antenn 56 meter LW	RST589	Tack för showen.
Germany	Leveste /Gehrden	Struß, Carlo	DL7CSX	Radio receiver and own antenna	Self made equipment	599	https://www.darc.de/der-club/distrikte/h/ortsverbaende/63/foto-galerie/#c51824
Germany	Lindau	Schreiber, Markus	DB1DA	Radio receiver and own antenna	Ferrite Audion on breadboard together with Elise, Jakob and Tristan	Audible	Picture Avaible if interested
Germany	Lübeck	Hintz, Peter	DK9XT	Radio receiver and own antenna	LW - Konverter (SO42P) 10 MCS - Yaesu FT757	RST 519	
Germany	Magdeburg	Lutz Messerschmidt	DM1LM	Radio receiver and own antenna	homebrew rx - frame antenna	rst: 559	
Germany	Marienberg	Frank Schubert		SDR- or Kiwi-SDR and own antenna.	Frame antenna with a diameter of 1.2 meters (12 mH) as a resonant resonant circuit and PC with sound card for decoding the CW signals	RST 478	There was strong electrical interference in the area of the SAQ frequency on my QTH, resulting in incorrect decoding by PC DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ OXVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE STQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ VVV VVV VVV DE SAQ SAQ SAQ XVV VVV AVV DE SAQ SAQ SAQ T T *Q CQ CQ DE SA-BT> 4Q 4Q <BT> * 5 GRIMETON RA60/SAQ IN A TRANSMISSION USIG THE ALEXANDERSON 20M0 KW ALTERXTOR ON 17.2 K* . WE W5H YOU *LA MERRY *RISTMAS AND A HAPPY NEW YAR . <BT> 5GNED : THE WORLD HE<AS>TAGE AT GRIMEION AND THE ALEXANDER-GRIMETON VETERANRADIOS VAENNER ASEOCIATION <AR> <BT> FOL QSL INFO PLEA E READ UR WEBSITE : WWW*ALEXANDER.N.SE II WWW.ALEXANDF.N.SE <BT> <AR> DE 4Q 4Q 4Q
Germany	Meiningen	Hagen Borrassch		SDR- or Kiwi-SDR and own antenna.	Ant: 80cm Loop indoor, RX: RFSpace SDR-IQ	449 (good conditions)	
Germany	moers	peter van den akker	DJ0GD	Radio receiver and own antenna	SPM 3 is selective level meter ant Miniwhip	rst588 80dB on SPM-3	
Germany	Muehlen Eichen	Robert Buebler		Web- or Kiwi-SDR and rem	Twente SDR	SINPO35233 until 45343	

Country	City	Name	Call sign	Reception via	Equipment details	Reception Quality	Additional Information
Germany	München	Simma Fritz	DG9MGC	SDR- or Kiwi-SDR and own antenna.	Reuter Pocket and 8m Wire	-80dBm	Thank you for starting this old Lady
Germany	München	Severin Wiedemann	DL9SW	SDR- or Kiwi-SDR and own antenna.	Boni Whip Antenna with 50cm Wire and Perseus SDR	RST 569	
Germany	München	Paul Frammelsberger		SDR- or Kiwi-SDR and own antenna.	RX 1: Perseus SDR. Antenna: Big ferrite rod (75cm) RX 2: Perseus SDR. Antenna: Loop with Red Fox from Stampfl 4m Dia in 14m over Ground	RST578 / 568	Thank you for the very good SAQ-Team, today, it works perfect! (i've see your youtube in the same time).
Germany	Nesselal	Sebastian Arndt		Web- or Kiwi-SDR and remote antenna	Twente web SDR	33333	
Germany	Neu Bamberg, Rhineland-F	Julian Hinterkircher		SDR- or Kiwi-SDR and own antenna.	SDR Play with Mini Whip	RST 477	8m above ground about 250m over sea level
Germany	Neuhausen/ Spree	Anger, Klaus-Dieter	DL1XKA	Radio receiver and own antenna	FT 840 and VLF Converter	3 to 5 dB above noise from 07:44 til 08:04 UTC, then the Signal faded out	
Germany	Neumuenster	Oskar Mayer	DJ8OM	SDR- or Kiwi-SDR and own antenna.	RX: RF-Space CLOUD-IQ, Elecraft KX-3, Ant: MagLoop	25 dB above Noise Level, RST 598	QRM-free Reception. Keep SAQ alive!
Germany	Neuss	Nelissen, Peter	DH1JAD	SDR- or Kiwi-SDR and own antenna.	Frame antenna indoor, Pre-Amp 17,2 kHz, SDR: RSP 1A	559+, -73 to -65 dBm	
Germany	Nuernberg	Pfennig Manfred	DK4NL	Radio receiver and own antenna	Receiver: AOR 7030, Antenne: Miniwhip 10m over ground	RST: 599	
Germany	Nuthetal	Schlüfter, Gerd	DL3GER	Radio receiver and own antenna	old ic 736 and home made 1-transistor-transverter 17 kHz to 10,017MHz / Antenna 10m vertical home made	579	
Germany	Oelsnitz	Helmut Neidel	DM2DIN	Radio receiver and own ant	Rx: BE Koepenick, Ant: 15m LW	RST589	Many thanks and my Best Wishes for 2020!
Germany	Olfen	Christian Marbach		Radio receiver and own antenna	My equipment is a MiniWhip-Active-Antenna and the HSDR-Software and also a Wandel & Goltermann SPM-17 Selective Level Meter with a magnetic loop Antenna (160 Turns / 2,6 m Diameter).	22 dBm Signal to Noise	I wish you and your team all the best !!
Germany	Osnabrück	Markus Nitowski	DJ1NI	SDR- or Kiwi-SDR and own antenna.		RST589	
Germany	Osterrade	Raimund Donalies	DH8RD	Radio receiver and own antenna	Datong converter (up tp 28.017,2 Mhz), Kenwood TS 480, Anttena: FD4 as T-Antenna	53345	Merry Christmas, hope to visit saq one day. Woul'd like, to get a qsl-card via bureau (mber of DARC). Thank you very much for your work for this amazing heritage station.
Germany	Pirmasens	Jörg Blinn	DL8EB	SDR- or Kiwi-SDR and own antenna.	mini whip antenne (self-made) with a Perseus SDR	RST579	Thank you very much for the transmission. I was very happy to hear you again. I wish the whole SAQ team merry christmas and a happy new year
Germany	Postmünster	PAUL,Clemens	DL4RAJ	SDR- or Kiwi-SDR and own antenna.	Reuter Pocket & Longwire	RST 599+	Thanks for Transmission!
Germany	Potsdam	Nico	DM5SN	Radio receiver and own antenna	rtl2832u sdr with homebrew converter, mag loop	RST 355 with local QRM	merry christmas and a happy new yaer
Germany	Potsdam	Nico Schmidt	DM5SN	Radio receiver and own antenna			additional information (surname) for my QSL report today
Germany	Pulheim	Dirk van Nüss	DL1KVN	SDR- or Kiwi-SDR and own antenna.	inverted L for 160m and spectrum lab		
Germany	Regenstauf	Hans Deppe	DJ8UL	Radio receiver and own antenna	KX3 and transverter, homemade antenna	539	only outdoor reception possible because of strong noise level indoor
Germany	Reichelsheim	Alexander Fritz	DK4FT	SDR- or Kiwi-SDR and own antenna.	KiwiSDR + Bonito Active Loop ML-052	RST: 577 /C	
Germany	Reichelsheim	Alexander Hitz	DH1TZ	SDR- or Kiwi-SDR and own antenna.	Home made loop antenna on a table - connected to a PC with "Spectrum Lab"	RST 579...599	Thank you very much for your transmission, I wish your all merry christmas and a happy new year!

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Germany	Ringethal, nr. Mittweida	Sven Spiller	DL1JIF	Radio receiver and own antenna	RX: EKD500 (RFT, VEB Funkwerk Köpenick); ANT: 80/40m inverted V dipole with 23m long RG58 shorted coax feeder line	RST 569	
Germany	SALZGITTER	SCHMIDT Siegfried	DJ 5 TR	Radio receiver and own antenna	YAESU FT920 / Converter home made / Ant. Vertical 3 Meter long of the Roof	RST 5 7 9	
Germany	Schinkel	Mathias Hartelt	DM3SH	SDR- or Kiwi-SDR and own antenna.	Airspy HF+ SDR Rec. / active Antenna Boni Whip 6 meters high / Software SDR Console (V3)	RST469	
Germany	Schneeberg	Richter, Reinhard	DL0031SWL	Radio receiver and own antenna	Alinco DX-R8E, VLF-Koverter, DL27L	R 3-5, S 8, T 7-8	
Germany	Schorndorf	Johann Schweiger	DD2RJ	Radio receiver and own antenna	Teletron TE704C and ANT- longwire homemade (15m)	RST 446	
Germany	Schwentinental	Carstens, Nicolaus	EX DK5LC	Radio receiver and own antenna	SAQ CIT Make Arne Sicö	RST 348	wx light ocercast rain, 7 degrees centy grades
Germany	Schwerin	Matthias Labude	DL3KUD	Radio receiver and own antenna	EKD300, Loop 160m	QSA2-3	Tack sa mycket och god nytt ar!
Germany	Schönau	Rainer Jorczyk		Radio receiver and own antenna			
Germany	Siegburg	Felix Baum	DB4UM	SDR- or Kiwi-SDR and own antenna.	Youloop with 50cm diameter and Airspy Discovery +, indoor	438, -82dBm	https://mobile.twitter.com/b4um/status/1209382786622271489
Germany	Sindelfingen	Harald Lutz		Radio receiver and own antenna			
Germany	Solingen	Günther Bergdolt	DJ5IG	SDR- or Kiwi-SDR and own antenna.	Airspy Mini + Spyverter	RST 433	A Happy new Year to all HAMS!
Germany	Steinfurt	Karl-heinz Börstinghaus	df9qv	Web- or Kiwi-SDR and remote antenna	Web-SDR Twente (NL)	579	
Germany	Talkau	Hunsalz Carsten	DL3XAC	SDR- or Kiwi-SDR and own antenna.	80 meter dipol + standard PC with a sound card + SAQrx software	RST 569	Dear SAQ team, I received SAQ today the first time with my own equipment. It is very impressive. Thanks and merry Christmas 73 de DL3XAC Carsten
Germany	Traunwalchen	Christoph Siegmund		SDR- or Kiwi-SDR and own antenna	iPhone with iSDR App and iRig PRE as preamplifier	Signal a little bit weaker than usual and sometimes fading, a lot of background noise today.	Thank you for getting the old lady back on air again!
Germany	Uetze	Wolfgang Fritz	DK7OB	SDR- or Kiwi-SDR and own antenna.	RX: Airspy HF+ Discovery, Ant: PA0RDT Mini Whip, Software: GQRX 2.11.5	RST 599, local noise	Video: https://youtu.be/PI-n4EK2OcU
Germany	Unterhaching	Ralf Ballis	DL2MRB	SDR- or Kiwi-SDR and own antenna.	Perseus SDR on a ferrite rod aerial	RST568	Thank you for transmitting.
Germany	Uttenreuth	Ralph Oppelt	DL2NDO	Radio receiver and own antenna	1) Reuter RDR Pocket C4 2) Two selfmade receivers (with all 3 RX successful copy of SAQ)	R5 S8 T9. Strong QRM in the last 30 seconds but still readable	Ant. = 30 m long wire 9 m above gnd. It was tuned with a coil to 17.2 kHz resonance
Germany	Varel	Heiko Hinrichs	DD1BT	SDR- or Kiwi-SDR and own antenna.	Charly25 SDR (based on Redpitaya / 16bit / 200Hz CW filter) + active VLF rod antenna 1.5 m	539	
Germany	Viesloch	Harald Woerner	DL1HW	SDR- or Kiwi-SDR and own antenna.	Longwire 42m with PC soundcard and decoding by Spectrum Lab	RST579	I wish you and the old lady good health and a long life.
Germany	Wabern	Juergen Wiegand	DL6WAB	SDR- or Kiwi-SDR and own antenna.	Soundcard, SAQRx V 0.98, GPA50 Vertikalantenne	34334	
Germany	Wabern	Jürgen Wiegand	DL6WAB	Radio receiver and own antenna		SINPO34334	I wish all the SAQ Team a happy Christmas.
Germany	Wackerow	Peter Oltmanns		Radio receiver and own antenna	Mini-Whip - VLF Converter - AR8200	RST 589	tnx for very good signal
Germany	Waldsassen	Baumgartl Bernhard	DL1RAP	Radio receiver and own antenna	ICOM IC7300 + homemade converter to 10MHz	RST 419	
Germany	Wanzleben-Börde OT Bottr	Matthias Hülle	DL7ZBV	Radio receiver and own antenna	EKD300 from RFT and magnetic-frame-antenna (diameter 1m, indoor)	599	Good luck for next transmissions, merry Christmas and a happy new year!
Germany	Wathlingen	Thorsten Wulff	DL9OBM	Radio receiver and own antenna	Ant W3DZZ, LW-Konverter, Elecraft KX2	599+	Merry xmas to all crewmembers es hny, vy tnx for SAQ-transmission

Country	City	Name	Call sign	Reception via	Equipment details	Reception Quality	Additional Information
Germany	Weierhammer	Wawarta Herbert	DL9RBE	SDR- or Kiwi-SDR and own antenna.	SDRplay RSP2pro, GAP TITAN antenna (8 Band Multiband DX Antenna, 10m - 80m)	559	great event - thanks
Germany	Wennigsen	Lauenstein, Fritz	DJ8MP	Radio receiver and own antenna	45m-Longwire, Converter 17.2kHz/7 MHz, 40m-QRP-CW-TRX "QCX"	599	QTH-Locator: JO42SG
Germany	Werder (Havel)	Lausch	DL7AIG	SDR- or Kiwi-SDR and own antenna.	aktive Antenna "RF Systems DX1" , Flexradio 6600	RST579	
Germany	Weyhe/Kirchweyhe	Bremer Heinz	DL4BW	Radio receiver and own antenna	Telefunken E1700/2 and E1800/3, Active Antenna "SKANTI" Former Marine Typ about 1970	RST 599	Additional heard on SDR-RX "UNI Twenty NL" , they are using a MINI-Whip Antenna RST 599
Germany	Wienhausen	Matthias Neuss	DJ7RS	Radio receiver and own antenna	home made with magnetic loop and feedback coil	rst 579 qsb	see picture of extra qsl in Grimeton Sending room
Germany	Wiesbaden	Reinhard Focke	DF2ZY	Radio receiver and own antenna	TRX FT817, VLF Converter and Loop-Antenna (42 Turns)	RST 599	I heard the Transmission with my Grandchild Michel. Greetings from him!
Germany	Wildenfels	Frank Lehner	DL1JEZ	Radio receiver and own antenna	RFT Betriebsempfänger 1340.21+ 2x11m Doppelzepp incl. 15m Sym. = T-Antenne / + VLF-Conv. + RTL SDR-Stick , Loc. JO60HQ	599	
Germany	Wunsiedel	Juergen Moesel	DL9NDM	SDR- or Kiwi-SDR and own antenna.	AirSpy, Discone antenna	599	Merry Christmas, tnx transmission
Germany	Zeitz	Weber, Klaus	no Call sign	SDR- or Kiwi-SDR and own antenna.	sdr# with NooElec NESDR Smart-Stick and Ham It Up-Converter, selfmade e-field-tube-antenna (Mini Whip pro + by DL4ZAO)	S I N P O : 5 4 5 5 4	Good and clear signal, only some atmospheric noises, no man-made-noises
Germany	Zeitz	Heiko Hinke	DL1HTY	Radio receiver and own antenna	Dipol 39m RX Teletron TE712B	RST 599+18db	
Greece	Athens	Costas Krallis	SV1XV	Radio receiver and own antenna		RST529	
Greece	Katerini	Sarailidis Adamos	SV2KGA	Radio receiver and own antenna	ROHDE&SCHWARZ EK56/4, 20m long vertical antenna for 3.7MHZ GP	RST458	https://youtu.be/EmmeAKQWwQc
Hungary	Budapest	Száler István	HA5IS	SDR- or Kiwi-SDR and own antenna.	Miniwhip antenne on car + Sdrplay RSP1A	RST 559	Location information on my postal address. Receive site Hungary, Csömör N47.57590° E19.19954° HA8HL & HA5IS team
Hungary	Szabadszállás	Höss Lajos	HA8HL	SDR- or Kiwi-SDR and own antenna.	Miniwhip antenne on car + Sdrplay RSP1A	RST 559	Location reception information my postal address. Receive site Hungary, Csömör, N47.54690 E19.19954, HA8HL & HA5IS team.
Iceland	Bjargtangar	Agust Bjarnason	TF3OM	Web- or Kiwi-SDR and remote antenna	I used the KiwiSDR remote receiver located in NW Iceland, at Bjargtangar	RST559	You may possibly be able to open our "Icelandic Radio Amateurs" Facebook page where I uploaded a video of my reception. https://www.facebook.com/groups/amatorar/permalink/971388836564809/
Ireland	Blessington, Co. Wicklow	REYNOLDS, George		Radio receiver and own antenna	Grimeton kit	RST 438	Greetings from Ireland and good reception at 1260km - excellent! Nice to hear from SAQ and watching it on live feed video. Thanks to everyone involved!
Ireland	Inch Island, Co. DONEGAL	Wilfried Stoessl	EI7HZB	Radio receiver and own antenna	Loop-antenna 1m Diameter / 3m above sealevel on coast / PreAmp / Receiver: RDR Pocket - Reuter	RST 3/4/7	
Italy	Bari	Edoardo Nicoletti	I7082BA SWL	SDR- or Kiwi-SDR and own antenna.	sdr Perseus, active MiniWhip Antenna, receiving sw SDR Console V3	rst 477	screenshot: https://1drv.ms/u/s!AjBwICKQG2mamZN-Ln-jHEC_SEBDmA?e=YFivaW audio recording: https://1drv.ms/u/s!AjBwICKQG2mamZN9rO3tBE1mnNQLWQ?e=XsvMeZ 73s and Merry Christmas Edoardo

Country	City	Name	Call sign	Reception via	Equipment details	Reception Quality	Additional Information
Italy	BRA	Ferruccio Manfieri	IZ1096SWL	Web- or Kiwi-SDR and remote antenna	Web SDR Twente University	SINPO 55444	<p>As my current equipment doesn't permit to reach the 17.2 Khz frequency, I used the Twente WebSdr receiver with the help of a Morse decoder for the message</p> <p>Listening time: from 7:30 UTC to 8:45 UTC</p> <p>Listening notes:</p> <p>At 7:45 UTC the transmitter tuned in with the periodical message VVV VVV DE SAQ</p> <p>At 8:00 UTC I was able to hear the full message (here I report what I received, with missing parts and my interpolation on the missing characters of received words): CQ E DE 4D A SAQ (...) THIS IS GRIMETON RADIO /SAQ IN (...) TRANSMISSION (...) USING THE ALEXANDERSON (...) ALTERNATOR ON 17.2 KHZ WE WISH YOU ALL A MERRY CHRISTMAS AND AN HAPPY NEW YEAR SIGNED : WORLD HERITAGE AT GRIMETON AND THE ALEXANDER-GRIMETON VETERAN RADIOS (...) ASSOCIATION PLEASE (...) OUR WEBSITE WWW.ALEXANDER.N.SE WWW.ALEXANDER.N.SE DE SAQ SAQ SAQ</p> <p>Thank you to share this transmission using this valuable piece of technology and radio history. Bravi!</p> <p>In addition, my daughter is currently in Sweden, studying at Vaxjo University, so it is a way to stay in touch with Sweden...</p> <p>My best wishes for Christmas and the New Year. I will check you nice and informative website for the next transmissions.</p> <p>Best regards</p> <p>Ferruccio Manfieri IZ-1096-SWL Via Umberto I 136 12042 - Bra (CN), Italy</p>
Italy	Buglio in Monte (SO)	Paroli Francesco	IW2DBM	SDR- or Kiwi-SDR and own antenna.	Miniwhip antenna + BF filter + PC with SAQ panoramic VLF receiver	RST - 447 (15 db above noise)	Discrete signal, sporadic local noise with total comprehensibility (narrow filter 100Hz). Congratulations Merry Christmas to the staff. I would very much appreciate it if you send me a QSL Card. Thanks!
Italy	Casalgrande	Giuliano Carrozzi	IU4FNP	SDR- or Kiwi-SDR and own antenna.	Delta loop for 40m home made and a Perseus receiver	488, but I had a lot of local QRM	Many thanks to all people who work for preserve SAQ! Merry Christmas to all you!
Italy	CERVIGNANO del Friuli (U)	Balducci Maurizio	IV3RYQ	SDR- or Kiwi-SDR and own antenna.	Elad FDM-S1 receiver and Miniwhip antenna	RST 5 7 9 Signal not too strong but very clear and stable in North-est of Italy ' 73	
Italy	Gaeta (LT)	NARDI FRANCESCO	IZ0QRK (swl 1431)	Radio receiver and own antenna	WJ 8711a VLF-HF DSP receiver and PERSEUS sdr receiver, miniwhip antenna for both	RST 488	the message send is: CQ CQ CQ SAQ SAQ SAQ THIS IS GRIMETON RADIO/SAQ IN A TRANSMISSION USING THE ALEXANDERSON 200KW ALTERNATOR ON 17.2 KHZ. WE WISH YOU ALL A MERRY CHRISTMAS AND A HAPPY NEW YEAR. SIGNED THE WORD HERITAGE AT GRIMETON VETEAN RADIOS.VANNER ASSOCIATION. FOR QSL INFO PLEASE READ OUR WEBSITE (WWW.ALEXANDER.N.SE DE SAQ SAQ SAQ VA
Italy	Genova	Paolo Serravalle	I11MA	Radio receiver and own antenna	RX Yaesu FT757GxII = VLF Upconverter Datong Clone = Ant.: Wire	RST579	Merry Xmas and happy new year to all the staff and shack
Italy	GENOVA	Giorgio Giacomo Torre	I1UP	Radio receiver and own antenna	Converter on 28 MHz Datong on FT1000MP	RST 599 very good here in JN44MJ	

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Italy	Genova	Figari Giovanni	IU1MRD	Radio receiver and own antenna	airspy hf+ discovery	599	thank you for your great initiative
Italy	Gerenzano /Varese	Antonio Oliva	I2-71072	Radio receiver and own antenna	FDM-DUOr + Miniwhip	RST= 388	In the test message of 20/12/19 few decoding errors,many more today. Thanks anyway for Your work. Bye.
Italy	MADDALONI	CARADONNA DOMENICO	IK8ESU	SDR- or Kiwi-SDR and own antenna.	Receiver SDR Elad FDM-S2 + Mini-Whip antenna	468	Message text: SAQ CQ CQ CQ SAQ SAQ THIS IS GRIMETON RADIO/SAQ IN A TRANSMISSION USING THE ALEXANDERSON 200 KW ALTERNATOR ON 17,2 KHZ. WE WIDH YOU ALL A MERRY CHRISTMAS ... A HAPPY NEW YEAR. SIGNED THE WORLD HERITAGE AT GRIMETONVETERAN RADIOS VANNER ASSOCIATION. FOR QSL INFO PLEASE READ OUR WEBSITE (WWW.ALEXANDER.M.SE DE SAQ SAQ SAQ ...
Italy	Milan	Enrico Guindani	IZ2NXF	Radio receiver and own antenna	Receiver: Icom IC-7200 with homebrew up-converter. Antenna: PA0RDT miniwhip		
Italy	Milano	Dario Arbulia	IK2WPM	Radio receiver and own antenna	AOR AR-5000 with Discone Antenna.	RST 11	
Italy	Milano	Enrico	IZ2NXF	Radio receiver and own antenna	Icom IC-7200, home-made up-converter, miniwhip	just visible in waterfall	
Italy	Modena	Matteo	IU4LGT	Radio receiver and own antenna	Airspy HF+ and Delta Loop for the 20m band	RST 55/56	
Italy	Origgio	Davide Borroni	Via Don Minzoni N 2	Radio receiver and own antenna	RX Siemens E401 and antenna delta loop for 20 Mt	43333	https://www.youtube.com/watch?v=GOguYE3yzV4
Italy	Origgio	Davide Borroni		Radio receiver and own antenna	Siemens E401 and Delta loop antenna	SINPO 43333	Thanks , and Merry Christmas and Happy New Year to you all Alexander associaton. I hope in you eQSL https://www.youtube.com/watch?v=GOguYE3yzV4
Italy	Padova	Marino	SWL 1104/ve	Radio receiver and own antenna	Receiver icom R8600 - Antenna miniwhip	25 dbµV	Very strong signal, also received with ekd500 receiver.I could also send you photos and videos of the reception. let me know how i can send. Thank you Marino
Italy	Pocenia	Giuliano Dal Ben	IV3XZG	Radio receiver and own antenna	My toys: Ic-7600 with Converter "Elettrofficina" vlf-28mhz, antenna dipole 40/80/160 by eco antenne. Pc with fldigi	This is my first report and my first test on vlf and in my shack the signal arrived unfortunately low but understandable . For Your transmission RST 579 . Tnx for the wishes from SAQ. Merry Christmas fom Pocenia (90km st of Venezia)! 73 Giuliano	
Italy	Pregnana Milanese	Cesare Lavazza	IW2KPU	Radio receiver and own antenna	RX: Icom IC-7400, upconverter 28MHz, SA612 based. Antenna: 10m vertical wire on fishing rod and ground stake.		Thank you for giving us the chance and joy to listen to the old lady!
Italy	Rome	Fabrizio Foresti	SWL3604	Radio receiver and own antenna	Wandel&Goltermann SPM19 Selctive Level Meter with 3,2KHZ BW + remote controlled Ferrite Loop Antenna (homebrew) + Spectran2.16 software with filters.	- 92 Dbm to -83 Dbm	I'ts available a full recording of the 24 Dec 2019 transmission. Next time I will use a more narrow filter of only 20Hz with Siemens D2019 Selective Level Meter. This time the signal was clearly heard into headphones. I want to become a member soon as this is very funny and interesting use of Radio communications and to support your tech commitment. Thanks to All of you for my fun! Have a very nice day! Fabrizio Foresti SWL3604
Italy	Saonara	Andrea Coloru	IW3IAB	Radio receiver and own antenna	Yaesu FT450D, up-converter, quad loop antenna	RST 544	
Italy	Scandicci	RUGGIERO Antonio		SDR- or Kiwi-SDR and own antenna.	Airspy Discovery SDR, coupled via a 10 db attenuator to a "mobile" Wellbrook flexible loop antenna placed on balcony - 5th floor in urban area.	SINFO: 24342	https://www.facebook.com/antonio.ruggiero.794/videos/1654027028070024/
Italy	TRECASE	CORTESE EDOARDO	IU8ACM	Web- or Kiwi-SDR and remote antenna		RST 599	
Italy	Trofarello	Pelissetti Mauro	I1PLX	Radio receiver and own antenna	Kenwood TS680 receiver + hm converter + Wire antenna 40mt	15 db over noise	
Italy	Vertemate con Minoprio	Tagliabue Claudio	IT2021SWL	Radio receiver and own antenna	SDR Elad FDM-S1 - antenna Miniwhip self-made (h 10 m.)	RST 4 8 8	http://it2021swl.blogspot.com/2019/12/saq-transmission-on-christmas-eve-2019.html

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Japan	Ageo-city, Saitama	Shin MAKINO		Web- or Kiwi-SDR and remote antenna	Web-SDR (Wellbrook ALA330S Antenna, Khimki, Russia)	SINPO 25342	07:42(UTC)~ Tone signal, 07:44:32(UTC)~ CW "VVV VVV VVV DE SAQ SAQ SAQ" repeatedly, 08:00~08:04 (UTC) CW message "WE WISH YOU ALL A MERRY CHRISTMAS AND A HAPPY NEW YEAR. etc."
Japan	Akita	Hisataka Fukuda	JK7ESY	SDR- or Kiwi-SDR and own antenna	Microtelecom Perseus long wire + remote perseus	SINPO 55444	Thanks for the Christmas message
Japan	Kanagawa	Takatashi Hoshino	JA1VUC	UNHEARD - SDR- or Kiwi-SDR and own antenna.	small loop antenna + PC sound card		
Japan	Kawasaki	Rick Wakatori	7L1RLL	Radio receiver and own antenna	Windows 10(64) + ADC + PA0RDT Mini Whip	RST=11	
Japan	KOUNOSU	MASAAKI SAITO	JA1BVA/JD1AHC	UNHEARD - Radio receiver and own antenna	HOME-MADE VLF-COMVERTER+IC703. ANT IS 10MH VERTICAL.		WILL QRV JD1/OGASAWARA NEXT FEB.
Japan	Odate	Hisataka Fukuda	JK7ESY	Web- or Kiwi-SDR and remote antenna	PERSEUS(REMOTE), Long wire	SINPO55444	https://www.youtube.com/watch?v=REodp9vJDGY
Japan	Shinjuku-ku	Toshiki Tsuboi		Web- or Kiwi-SDR and remote antenna	Web sdr of Enschede Trante University	SINPO 55555	You can check what I heard from my Google Drive. http://bit.ly/376Xj6Q
Japan	Takaoka City	Hidehiko Komachi	JA9MAT	UNHEARD - Radio receiver and own antenna	20m Long Delta Loop for 14MHz -> LF Up converter -< IC-7300		
Japan	YOKOHAMA-CITY, KANAGAWA	HIDEO KAMBAYASHI	JH3XCU	Web- or Kiwi-SDR and remote antenna	WebSDR	RST: 579	Used Wide-band WebSDR http://websdr.ewi.utwente.nl:8901/
Japan	唐津市	ヨウイチ コシ	JE6JFL	UNHEARD - SDR- or Kiwi-SDR and own antenna.			Please change the transmission time zone from Europe. Late night to early morning in Japan time
Latvia	Riga	Andrejs Pukitis	YL3ALP	Radio receiver and own antenna	selfmade with TL 082 opamp and LP filter. ~15m wire antenna	RST 598	
Lithuania	Kaunas	Vitalijus Rimša	LY3AY	Radio receiver and own antenna	my production receiver with IF filter 100 Hz ,and active antenna	RST----5.6.8	
Lithuania	Kaunas	Valentinas Kusvidas	LY1003SWL	SDR- or Kiwi-SDR and own antenna.	Home made mini whip antenna + SV1AFN's Upconverter (200Mhz) + RTL-SDR.COM dongle + SDRSharp software	SINPO - 45334 SNR - ~12dB	https://www.dropbox.com/s/9anrhd1jsdbm1d3/SAQ_2019_Christmas_7z?dl=0
Lithuania	Kaunas	Stanaitis Viktoras	LY3GV	Radio receiver and own antenna	Homemade VLF regenerative receiver, PA0RDT Mini-Whip active antenna	599	https://www.youtube.com/watch?v=lyRIK2N1cw https://www.youtube.com/watch?v=S9ge287BakE
Malta	Pembroke	Ivan Privitera	9h1pi	Radio receiver and own antenna	IC-7610 + Transverter + T antenna	559	https://www.facebook.com/manuel.aquilina.1/videos/pcb.10162763813495319/2615977895187500/?type=3&theater&ifg=1
Netherlands	Alphen aan den Rijn	Rompelberg Jan	PA3GSV	Radio receiver and own antenna	Antenna: 42 m circumference delta loop + resonance capacitor for 17.2 kHz. Receiver: Wandel & Goltermann PSM-139 selective level measuring set.	RST 579	Thanks to everybody at the Grimeton transmitter site for the effort of maintaining and bringing this wonderful machine on air every time. Seasons Greetings from the Netherlands.
Netherlands	Amstelveen	Geert Paulides	PA7ZEE	Radio receiver and own antenna	Telefunken ELK 639, ant: T antenne 2 x 17 m	599	Many thanks and keep the Old Lady in the air! mxmas es hni
Netherlands	Amstelveen	Jan Feenstra		Radio receiver and own antenna	A Perseus SDR receiver with a Mini Whip antenna. That is the only antenna that is suitable for this purpose. Forget all the other antennas.	45554	The reception was very good this year. One of the better in recent years. I hope Veteran radio can do this for many years to come.
Netherlands	Apeldoorn	Rick Zelle	PC1RZ	Radio receiver and own antenna	Airspy HF+ Discovery, indoor 70cm loop.	Almost none.	On own setup very faint signal heard a few times, could not read it. . Reception via websdr Twente was audible for a while.
Netherlands	Arnhemuiden	Robert	pa3geo/p	Radio receiver and own antenna	Yaesu ft-817 with funkamateur coverter and pa0rdt miniwhip	RST 599	https://www.facebook.com/groups/878526462159291/
Netherlands	Arnhemuiden	Dan de Bruijn	PA1FZH	Radio receiver and own antenna	Elecraft KX-3, Funkamateu LF converter, PA0RDT miniwhip	RST 599	
Netherlands	Arnhemuiden	Wijnand Mijnders	PA3HFJ	Radio receiver and own antenna	ICOM IC-7100, Elektor VLF converter, homemade miniwhip antenna	599	The reception went very well. Because we were portable outside in nature there was no QRM at all. We enjoyed it very much, thank you for activating the old machineries!
Netherlands	Assen	Wim de Morree	pe0wdm	Radio receiver and own antenna	GRAHN GS5-SE with VLF2 antenna, Persus SDR receiver.	-82dB avg 10 dB above noise	I look forward to your next transmission. Great work, thanks.
Netherlands	Assen	Michel mulder	PA0VCC	Radio receiver and own antenna	Yaesu ftdx 9000 with converter for 17.2 MHz	477	

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Netherlands	Baarle Nassau	Mark van Dommelen	PA1SSB	Radio receiver and own antenna	Mini whip antenna	579	
Netherlands	Boskoop	ACKX, Bob	Netherlands	Radio receiver and own antenna	Telefunken ELK639 30metres wire at 7metres high	RST 599	WX overcast rain temp +9C
Netherlands	Deventer	Nico van Rossen	PA0FEN	Radio receiver and own antenna	Mini whip up convertor to 4MHz Kenwood TS590s	RST 4 4 9 QRM	
Netherlands	EERSEL	Rene Plug	PA3ECL	SDR- or Kiwi-SDR and own antenna.	ANtenna: MegActiv MA305FT and RX ELAD FM DUO	578	RX at JO21PI
Netherlands	Gasselternijveenschemond	Jan H. de Wit	pa0wit	Radio receiver and own antenna	Elecraft KX3, LW convertor, active antenna @ 2m	559	
Netherlands	Goes	Frans Oosthoek	PA0INA	Radio receiver and own antenna	Elecraft KX2, Funkamateure LW-Konverter, pa0rdt-Mini-whip.	589	Field location JO11UM.
Netherlands	Hengelo	Jan	PAoJGF	Radio receiver and own antenna	Ferrite antenna 100cm long with tranverter to 20MHZ	559 loud and clear	
Netherlands	middelburg	Olav Mes	PAoHYY	Radio receiver and own antenna	JRC NRD 545 and DX one antenna	5 1 9	good reception !!
Netherlands	Nieuwegein	Harm de Wit	PA3GDO	Radio receiver and own antenna	Wandel & Goltermann SPM-3 with Window-frame antenna wound with 60 Meter wire and tuned by 12 nF	Loud and Clear	Thanks very much for the tradition and pamper the old lady , happy holiday's
Netherlands	Oldenzaal	PA9M Marcel Bos	PA9M	Radio receiver and own antenna	Good to hear the old lady again. Nice signal again this year. RX with miniwhip and converter all homebrew on K3	Very good 599	
Netherlands	ommen	henk hilbink	pa0htt	Radio receiver and own antenna	Rx ELK639 / LW 40M	5-8-9	fb sigs frm the old lady / keep her on air
Netherlands	Oost-Maerland	Pascal Stevenhaagen	PB1SAM	Web- or Kiwi-SDR and remote antenna	WebSDR Twente	599+++ vy stng sigs	Unfortunately not able to listen at my own receiver. I don't have an antenna for HF/VHF/UHF at the moment. Hope to be 'on air' soon. Merry Christmas and a happy New Year to you too, and keep up the good work at Grimmeton.
Netherlands	Oudenhorn	Robert Jansen	PA11322	SDR- or Kiwi-SDR and own antenna.	SDRDuo with SDRUno Software Antenna Wellbrook 1530LN	SINPO 3 4 4 4 3	
Netherlands	Papendrecht	Frans Meyer	PA0FMC	Radio receiver and own antenna	Telefunken ELK639 + PA0FRI activeloop diameter 70cm	281	Initially I planned to use the LZ1AQ-PA0NHC loop, but I couldnot find the amplifier in my shack! So yesterday evening I build the PA0FRI active loop, which worked well on DCF77in the night, but this morning again there was a lot of QRM S9+ this morning on 17,2 kHz. Next time I will try a SDR. Anyway tnx for all your good work to keep SAQ in the air and a Merry Xmas to you all.
Netherlands	Rotterdam	Peter van IJperen	PC1Y	Web- or Kiwi-SDR and remote antenna	received via Twente University SDR WEB	S=9	my own VLF converter was not working
Netherlands	Sexbierum	Rommert Zonnevold	PE1DCF	Radio receiver and own ant	Receiver: Skanti R5001. Antenna: Wire ca 38m variable height. Morse inker: Modified feltpen GNT1515.		Hopefully, you will continue with the transmissions for many years to come.

Country	City	Name	Call sign	Reception via	Equipment details	Reception Quality	Additional Information
Netherlands	Veenendaal	Post, Pieter		SDR- or Kiwi-SDR and own antenna.	Receiver, antenna and used program: Receiver: Elad FDM-S2 Antenna: Wellbrook ALA1530 Program: MultiPSK This is te log: SAQ SAQ VV VVVIWV DE SAQ SAQ SAQCQ DE SAQ SASAQ = THISIRETON RADIO/SAQ IN ARANSMISSION USIG HE AEXANDERSON 20KW TERNATOR ON IE.2 KWE ISH YOU ALL A MERRY CHRISTMAS AND A HAPPY NEW YR. = SIGNED : THE WORLD HERITAGE AT GRIMEIEMN ANTHE LEANDER- GRIMETON VETERANRADINTS VAENERASSOCIATIO+ FOR QSL INFO PLEAEE EAD UR WEBSITE : WWWALEXANR.N.SE II WWW. ALEXANDER.N.SE = + DE SAQ SAQ SAQ SK EETIT	SINPO: S=2 / I=2 / N=2 / P=3 /O=3	I liked to hear using the technique of your broadcast. If the information in this report matches your station log, I would greatly appreciate receiving a QSL (verification) card, letter or email from you. Thank you very much for reading my report. I hope your engineers found is useful. I look forward to hearing from you soon.
Netherlands	Veenendaal	De Boer, Geeuwke	PG3B	SDR- or Kiwi-SDR and own antenna.	antenna is active antenna with 0.5 m vertical wire (whip) located at height of 2 m above ground in garden in urban environment connected to audio input (transformer coupled) of PC running SAQRxV094_44k	good signal	
Netherlands	Vlaardingen	Barendrecht Huib	pa3dsj	Radio receiver and own antenna	Icom ic 728 with old elektor VLF convertor	QRK5 QSA 5	Thank you for transmission merry xmas to U es Urs
Netherlands	Warffum	Gerard Wolthuis	PA3BCB	Radio receiver and own antenna	Receiver Telefunken ELK639 running on 24 Volt battery. Outside wire antenna abt 36 meters long.	RST 589	All mains supply in the house switched off! Still interference from pc clock on battery power
Netherlands	Zoetermeer	Rene van der Weerd	PE1RKT	SDR- or Kiwi-SDR and own antenna.	MiniWhip + Soundcard	+20dB	
Norway	Bergen	Øystein Ask	LA7CFA	UNHEARD - Radio receiver and own antenna	Marconi Atalanta 20 meter wire antenna	000	Sorry to say, no signal received this year 2019. Maybe due to local noise. Beklager å si det, men jeg kunne ikke motta signalene i år. Kanskje på grunn av lokal støy. Ar 2018 kom signalene bra inn. Uansett ønsker jeg dere en God Jul fra Øystein i Bergen
Norway	Lørenskog	Klenner Andreas		Radio receiver and own antenna	Siemens E 366 + Random wire antenna 20 m	QSA4	
Norway	Molde	Knut Kolstad	LA2WRA	Radio receiver and own antenna	Rcvr Elecraft K3 with VLF converter, ant dipole for 80m	549	
Norway	Skien	Helgetveit Ottar	LA2AL	Radio receiver and own antenna	W&G SPM-3 level meter and 1m tuned loop antenna.	68 dBm	
Norway	Svelvik	Geir Låstad	LA6LU	Radio receiver and own antenna	Receiver(s): Icom IC-R8600 Antenna(s): NTI GigActiv GA3005 Ultra Wideband (9 kHz - 3 GHz) Active antenna Decoder(s): My ears	RST559	Ønsker dere alle et riktig godt nyttår.
Poland	Długosiodło	Pietruszko Adam		Radio receiver and own antenna	Tecsun PL-660, 20m longwire antenna	59	
Poland	Gdansk	Marcin Skora	SQ2BXI	Radio receiver and own antenna	RX: Yaesu FRG100 Konwerter: Palomar Antenna: Mini Whip (30cm long)	RST599	https://www.youtube.com/watch?v=Wn1qjoIvDV8&feature=share&fbclid=IwAR2_sZUH4lpAvYU2la57sNoMMKaCDYDP0OBCsv7L70f7SjXnto7LR80XUBg
Poland	Góra Kalwaria	Ruciński Marcin	SP5UX	Web- or Kiwi-SDR and remote antenna	Wide-band WebSDR (websdr.ewi.utwente.nl)	5	

Country	City	Name	Call sign	Reception via	Equipment details	Reception Quality	Additional Information
Poland	Ilawa	Tomasz Brzozowski	SP4QRP	Web- or Kiwi-SDR and remote antenna		599	
Poland	Kowary	Hubert Donhefner	SQ6ARN	SDR- or Kiwi-SDR and own antenna.	MiniWhip antenna, PC, Spectrum Lab		https://www.youtube.com/watch?v=fEFijhHs4AI
Poland	Kraków	Miś, Piotr	SP9MUF	SDR- or Kiwi-SDR and own antenna.	Self built active E-field probe feeding soundcard sampling at 192khz, gnradio flowgraph doing filtering and direct conversion to audio.	RST 569	
Poland	Milanówek	Wojciech Kazubski	SP5SMK	Radio receiver and own antenna	Dedicated RX with ferrite rod antenna	Very strong signal, no interference or fading	Something was fixed during transmitter tuning period. Initially the signal was ~6dB weaker.
Poland	Niepolomice	Mariusz Cieluch	SP9HSQ	Radio receiver and own antenna		RST599	GOOD JOB!
Poland	Włodzimierz	Lesław Sieron	HF7A	Radio receiver and own antenna	RX: ELAD FDM-DUO Antenna: 12-turn loop 2.7m diameter	+30 dB over local noise	https://youtu.be/uTqab6vgL80
Portugal	AGUALVA	Fernandes Paulo	CT7ACM	Radio receiver and own antenna	Icom 706 & miniwhip	SINPO 33343	
Portugal	Viseu	Ricardo Gama		Radio receiver and own antenna			We received SAQ transmission very clearly. It is always a pleasure
Romania	Iasi	Cristian Jelescu	YO8RHQ	Radio receiver and own antenna	Perseus receiver with GP WARC antenna	559	
Romania	Pitesti	Gheorghe Balan	YO7GYQ	Radio receiver and own antenna	Home made equipment : 14 MHz cw/ssb receiver+VLF converter, G5RV home made antenna	RST 589	Very clean reception, with some statics. Many thanks for the team effort !
Russia	Apsheronsk	Mihail Byhanow		Radio receiver and own antenna	Receiver: ISHIM-003. Antenna: H = 17 meters, L = 20 meters	SINPO-55444	Signal stable along the whole length of the program. Weak atmospheric noises. Recording broadcasts made from 7.59 to 8.10 UTC. https://drive.google.com/open?id=1-23PUWV_19cLrVzhqrmYpgjL3SsaWMqe
Russia	Moscow	Vladimir Timokhov	RU5C	SDR- or Kiwi-SDR and own antenna.	Antenna magnet loop, preamp DL2KQ, SDR-IP receiver.	RST569-579	Best transmitting and 73! https://app.box.com/s/a5x2t1q5oj8xd7hql0po30muemcj4y
Serbia	Novi Becej	Károly Kormos	YU7AE	Radio receiver and own antenna	PA0RDT mini whip active antenna, Datong VLF converter, FT-817nd with DSP-599zx	559 (no DSP) 579 (with DSP)	on my Facebook profile (Károly Kormos YU7AE)
Slovakia	Kosice	Adrian Tomecko	Ado	SDR- or Kiwi-SDR and own antenna.	I heard broadcasting directly with the mini whip (PA0RDT) on the balcony and PC software (SM6LKM) "SAQ Panoramic VLF Receiver"	8:01 UTC: RST 549, Good signal without interference. If possible, please send me a QSL card. I wish you a Merry Christmas and a Happy New Year 2020.	https://www.youtube.com/watch?v=kVOD4Ezcb9Q
Slovakia	Nitra	Kučera Ján	OM5ZU	Radio receiver and own antenna	Ant. dipole for 80m, rig KenwoodTS 590, converter up to 10MHz	599 FB signal without fluctuations and interference TNX	
Slovenia	Novo mesto	Roman	S52AS	Radio receiver and own antenna	Mini Whip antenna + SAQ-RX	599	
Slovenia	Novo mesto	Joze	s52ab	SDR- or Kiwi-SDR and own antenna.	RX SAQrxV098(to 25 kHz) and ANT Mini Whip PA0RDT	549	much QRM on JN75ou in time transmitting
Spain	Aranjuez	Ricardo Navarrete Lopez		Web- or Kiwi-SDR and remote antenna		599	
Spain	Burriana	Niceto Muñoz	EA5ZL	SDR- or Kiwi-SDR and own antenna.	Receiver Airspy HF+ spyserver and K9AY Loop antenna	10 dB SNR	
Spain	CÓRDOBA	JUAN LUIS VILCHES COM	EA7HHS	SDR- or Kiwi-SDR and own antenna.	Perseus and Eprove antenna	34343	https://youtu.be/L307woEVqIU
Spain	Madrid	Martin Estevez Pastor		Web- or Kiwi-SDR and remote antenna	SDR University of Twente, The Netherlands	RST= 5-5-5	VVV VVV VVV DE SAQ SAQ SAQ CQ CQ CQ DE SAQ SAQ
Spain	Malgrat de Mar	Artur Fernández Llorella		Web- or Kiwi-SDR and remote antenna	SDR receiver in Trecastelli, Italy	34443	Would it be possible to get a QSL card as a confirmation of my reception?
Spain	Naron	Padin Manuel	EA1EXV	Radio receiver and own antenna	Receiver sdr Perseus , antenna Loop (home made)	549 QSB	Thanks for a new activation. Happy new year.
Spain	Palau-solita i Plegamans	JOSE MAGI PARES	EA3JAA	Radio receiver and own antenna	Rohde & Schwarz ESH3 Receiver + ESH2-Z2 Active Loop Antenna	49 dB uV	Excellent reception for this year THANKS

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Spain	tres Cantos	Jesus Bartolome Presmanes		SDR- or Kiwi-SDR and own antenna.	SDR Cloud I/Q antenna Loop 3.2m^2	RST 569	
Sweden	Askim	Reinholdson	SM6JWR	SDR- or Kiwi-SDR and own antenna.	Dipole for 80 m used	579	
Sweden	Bankeryd	Ebert Lööv	SM7VRI	Radio receiver and own antenna		28 dB over noise	
Sweden	Falkenberg	Tomas Nilsson	SA6BJU	SDR- or Kiwi-SDR and own antenna.	Afedri SDR Net, 10m wire antenna	589	
Sweden	Figeholm	Björn Fagerholm	sm7fcn	Radio receiver and own antenna	Rx CR91, antenn aktiv loop ca 50 cm diameter	549	
Sweden	Filipstad	Stig Linnarud	SM4EFQ	Radio receiver and own antenna	Plessey PR155 LW-ant	RST 579	Stort Tack , & GOD JUL
Sweden	Fjärås	Anders Larsson	SA6GAS	Radio receiver and own antenna	Simple kit with great possibilities	RST 599	strong signal but lots of noise
Sweden	Gavle	Sannagård Jörgen		SDR- or Kiwi-SDR and own antenna.	MKVK KIWI SDR	44444	
Sweden	Gothenburg	Lars-Olof Ternström	SA6LOT	SDR- or Kiwi-SDR and own antenna.	Receiver: Perseus SDR Antenna: Wellbrook ALA1530	RST 599 +4dB	
Sweden	Göteborg	Göran Björving sa6ahl	SA6AHL	Radio receiver and own antenna	SAQ kit home built	559	very strong signal
Sweden	Göteborg	Bo Sörensson	SA6CLX	Radio receiver and own antenna	Mottagare enligt Arne Siköö + mersedekoder med Arduino	599	Tack för att ni håller igång den gamla damen. God Jul!
Sweden	göteborg	ingvar andersson	SM6ERS	Radio receiver and own antenna	Tuned loop antenna and upconverter to RX	599	
Sweden	Göteborg	Albin Stigö	SM6WJM	Radio receiver and own antenna	Airspy HF+ Dual Port with tuned ferrite antenna.	599, very strong but my QTH is only 90km away.	Video on Twitter: https://twitter.com/albinstigo/status/1209380339526905856
Sweden	Harplinge	Per Utterfors	SM6JMZ	Radio receiver and own antenna	Yaesu FT-1000, homemade transverter, loopant	599	Strong as usual!
Sweden	Hällefors	Thomas Einar	SM4JST	SDR- or Kiwi-SDR and own antenna.	Vertikalantenn	569	
Sweden	Jämjö	Ottosson, Ulf	SM7PGA	SDR- or Kiwi-SDR and own antenna.	HP DC7700 and HSDR v2.80 Beta11, with internal soundcard connected to my 160 m Vertical at 19 m asl. Installed on the cliffs right next to the Hallarum bay waterline.. (about 15 m away)	579	Tris was the very first time I managed to hear your transmission on 17,2 kHz and it was truly a real Christmas treat :) I have pictures of the antenna and its surroundings and a short video recording of the v v x3 de SAQ x3 signal before the actual transmission, but I need to have them downloaded to my computer first in order to send them to you, via email :) A Very Merry Christmas and a Happy New Year and big thanks to you all, //Uffe - SM7PGA
Sweden	Järfälla	Mart Sakalov	SM0ERR	SDR- or Kiwi-SDR and own antenna.	SDR-IP 20meter vertical	559	
Sweden	Kristineberg	Mikael Kostet	SM0KOT	SDR- or Kiwi-SDR and own antenna.	Kiwi-SDR, Vertical	578	aspliden.mooo.com:8074
Sweden	källered	Leif Andersson	SM6GTO	Radio receiver and own antenna	Skanti R8003 2 x 12m dipol	RST 5-4-9	
Sweden	Lindome	Stefan Thöresson	SM6NZA	Radio receiver and own antenna		RST 539	
Sweden	Ludvika	Stålhammar Kristoffer	SM4WII	Radio receiver and own antenna	Icom IC-737 + Up converter based on NE602, 160m Horizontal loop	569, Local QRM	https://www.youtube.com/watch?v=3E2nF_Wv4Lk
Sweden	Mantorp	Rolf Samuelsson	SM5YSO	SDR- or Kiwi-SDR and own antenna.	Kiwisdr med Whip/antenn	599	
Sweden	Möklinta	Bernt-Ivan Holmberg		SDR- or Kiwi-SDR and own antenna.	Perseus SDR and the back lobe of a 700m beverage in 360 degree	S9+10	
Sweden	Naesaaker	Pergoran Ylvinger	SM3PYB	Radio receiver and own antenna	Home brewed two transistors converter and SunSDR2PRO receiver.	539	Antenna. my old scrapped copper telephone line. I recorded the Christmas greeting but the wav file is too big for email. If you want it, it comes via CD.
Sweden	Njurunda	Mats Hallqvist	SM3LNM	Radio receiver and own antenna	Winradio G313i receiver, wideband magnetic loop antenna.	30 dB above noise level. Very good reception !	

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Sweden	Norrköping	Rasmus		Radio receiver and own antenna	Pc soundcard and long cable	Loud and clear	
Sweden	OSKARSHAMN	Åke Jonsson	SM7HNF	SDR- or Kiwi-SDR and own antenna.	Lyssnade både på egen SDR mottagare o dipoleantenn RST439 QRN o QRM samt via SDXF remote SDR mottagare 1 RST 539	539	
Sweden	Storlien	Lars Nilsson	SA0BUX	SDR- or Kiwi-SDR and own antenna.	SDRplay RSP1 + ~15m wire	599	Received in our timeshare cottage in Storlien. antenna is more or less in the snow behind the cottage. https://www.sa0bux.se/SAQ/SAQ_20191224_075838Z_17kHz_AF.wav
Sweden	Sundsvall	Erik Edblad	SM3EXM	Web- or Kiwi-SDR and remote antenna	LOOP ANT. AT SI9AM	RST 589	
Sweden	Svartsjö	Tomas Axelsson	sm0iwp	Radio receiver and own antenna	WJ 340, antenn 80m dipol	599	TAck för en trevlig sändning
Sweden	Tormestorp	Dr. Erwin Kaschmieder	SA7ATK	Radio receiver and own antenna	RYCOM 6041	589	https://www.youtube.com/watch?v=bq8xUaKzFWk
Sweden	Västervik	Arnold Jansson	SM7CRO	Radio receiver and own antenna	VLF konverter + ICOM 9100	599	10 m Vhip antenna
Sweden	Västervik	Lars Palmén		Radio receiver and own antenna	80 m loop @ 6-7m, DATONG v.l.f. converter , Elecraft K3 transceiver	QSA 4 QRK 5	
Sweden	Åtvidaberg	Karl-Axel Axelsson	SM5BXC	Radio receiver and own antenna	We Wish You All A Merry Christmas And A Happy New Year.	589	Har en hembygd VLF-converter och antenn 40 meter LW
Sweden	Örebro	Göran	SM4GOH	Radio receiver and own antenna	Converter 'SM7UCZ' Drake 2B 40m vertikal	599	
Sweden	Östra Ryd	Jan Bratt	SM5FGQ	Radio receiver and own antenna	Aktive Antenna PA0RDT SDR I/Q	+10db	
Switzerland	Bachenbülach	Ulrich Ruch		Radio receiver and own antenna	Perseus, NRD 545 MixW3.2, DX-one prof. MkII	SS9+10	excellent transmissin quality, although I was abt half a minute late, I believe I caught 99 %! Wishing you merry Xmas and a happy New Year.
Switzerland	Diegten	Remo Michel	HB9SHD	SDR- or Kiwi-SDR and own antenna.	ANAN-100D Home made loop Antenna	RST 559	always fascinating TX you hope Ill one day on Site to see al in action. keep this history alive please
Switzerland	Geneva	Eric Pampaloni	HB9EOY	Radio receiver and own ant	your Kit :-) Very nice receiver	569	
Switzerland	Gretzenbach	Gerhard	HB9FEK	SDR- or Kiwi-SDR and own antenna.	PC-Soundcarte, Antenna W735 Inverted V	Noise: = -40 db, Sig: = -22 db	nq cq cq de saq saq saq =this is grimetonradio/saq in a transmission using the alexanderson 200 kw alternator on 17.2 khz.we wish you all a merry chtistmas anda happy new year. =signed: the alexander-grimeton veteranradios association ARfor qsl info please see our website: www.alexander.n.se =de saq saq saq {.-.-.}
Switzerland	Guarda	Jochen Richert	HB9DRT	Radio receiver and own antenna	RFspace NetSDR and PA0RDT Mini Whip, S1 over Noise Floor, very hard to hear,	RST 398	
Switzerland	Premier	Christophe DE ICCO	HB9TJM	Radio receiver and own antenna	ROHDE@SCHWARZ test receiver 9Khz-30Mhz ESH3 / Antenne loop length 120m	-96dB	https://www.youtube.com/watch?v=nA8pb3Vns1U
Switzerland	Riniken	Ton Wim	HB9EZF	Radio receiver and own antenna	Telefunken ELK 639 with PA0RDT active antenna	RST255	Strong QRM (CW signal) from 8.55 to 9.01
Switzerland	Zuchwil	Küffer Alexander	HE9EFY	Radio receiver and own antenna	RX: Telefunken ELK639 and 30m Long wire antenna	599	Thanks for the Transmission. I wish you all a Merry Christmas and a Happy New Year. Vy 73 HE9EFY Alexander
Switzerland	Zug	Jérôme Turnell		SDR- or Kiwi-SDR and own antenna.	Perseus SDR on 5 meters Loopantenna and Bonito MegaLoop FX Preamplifier	SNR max. 15dB, a lot QRM on the QRG	Thank you for getting alive the old lady once again - what a magic experience!! The detailed Reception Report is online available via the URL: https://www.mycloud.ch/s/S002291C296CB0728DE282C8119BAFD3B8CAEC1EE36

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Ukraine	Gorlovka	Kulakov Eugen	US3IRX	SDR- or Kiwi-SDR and own antenna.	Sound cart and SAQrx program. Antenna "Vertical Shwabra" by dr. Hajo Lochny. (vertical dipole 1.3 meters long + amplifier)	RST 579 or -80db in SAQrx	Record AF in SAQrx: https://drive.google.com/open?id=1TbKNs-EzdPmiybxLdU0RlptGTYz0r6c_ Record RF in SAQrx: https://drive.google.com/open?id=1007TbhaSMI_S1UxvStVTqQF3jetAp5o2 If you send QSL-cards, please send via the QSL-bureau. Very happy to hear your transmitter! Thanks for keeping him alive for the history! Merry Christmas and Happy New Year :-)
Ukraine	Uzhhorod	Serge Vronsky	UR5DDA	Web- or Kiwi-SDR and remote antenna	Twente		
United Kingdom	Blackwood	Evans Rob	MW0CVT	Radio receiver and own antenna	Icom IC-R8600 20M long wire	RST 529	IO81jp
United Kingdom	Bramley	Robert Kerswill	M0KER	Radio receiver and own antenna		599	Spectrumlab, Loop Antenna, Preamp
United Kingdom	DEESIDE	CARVER Clive	GW4EYO	SDR- or Kiwi-SDR and own antenna.	PA0RDT Mini-Whip Antenna, RF Space SDR-IQ with SpectraVue v3.39	QSA5 (-60dB same as DCF77 on 77.5 kHz) QRK5 QRM1 QRN1	Signal Strength at -60dB 1dB better than last year 2018 when -61dB, was -62dB 2016
United Kingdom	Derby	Kevin Jones	G4FPY	Radio receiver and own antenna	Receiver - Lowe HF225 + Datong LF converter. Antenna - NT1 ML052 amplified loop - NE-SW indoors.	RST549	Well done to all at SAQ.
United Kingdom	Everdon	Colin Anderson	G4TBN	Radio receiver and own antenna	FT857D +VLF CONVERTER	579	Antenna/30M Long Wire+VLF Loop Antenna
United Kingdom	Farnworth	Chris Moulding	G4HYG	Radio receiver and own antenna	622 mm diameter loop using a bicycle wheel rim into a Cross Country Wireless Loop Antenna Amplifier into a PC sound card using SAQrx v0.98 software	10 dB above noise floor	Thanks! Merry Christmas!
United Kingdom	Filey	David	G4EDR	Web- or Kiwi-SDR and remote antenna	Twente		I don't have a VLF rx at home QTH but hope to have one for your next tx.
United Kingdom	Hatfield	James Moritz	M0BMU	Radio receiver and own antenna	Telefunken ELK639 + vertical	RST 599 QRN	
United Kingdom	LEEDS	David Pratt	G4DMP	Radio receiver and own antenna	Elecraft K3 transceiver with homebrew VLF converter to the Datong design. 15m end fed antenna.	RST 589	The text of your transmission was received 100%. Happy Christmas and all the best for 2020 to all at SAQ. 73 from David
United Kingdom	Leicester	Gerald Stancey	G3MCK	Radio receiver and own antenna			Many thanks for keeping this wonderful machine on the air.
United Kingdom	Lincolnshire	John Brocklebank	M0BIC	Radio receiver and own antenna	RA17 Mk2 Receiver, RA37 VLF Converter, Loop antenna	RST 599	Wonderful to hear SAQ again! Congratulations on another successful transmission. 73 to all. Happy Christmas and New Year 2020.
United Kingdom	Oxford	John Graham	RS86946	Radio receiver and own antenna	Teletron TE712B receiver and a Wellbrook LFL101 loop antenna.	The signal-to-noise ratio was 18dB in a 120Hz bandwidth	Thanks for providing another opportunity to listen for this historic transmitter.
United Kingdom	Strensall, York	David Robson		SDR- or Kiwi-SDR and own antenna.	Airspy HF+ SDR (with VLF mod); Wellbrook LFL1010 Loop Antenna	599	https://www.dropbox.com/sh/95i3nmmgp7m9jdf/AABO3ej_xaYblf_kDUmM0c6Sa?dl=0
United Kingdom	Telford	Wilkinson, Richard	G0VXG	Radio receiver and own antenna	Kenwood TS590 DSP with Datong 28MHz upconverter, antenna 8' x 4' eight turn wire loop	RST 59+10	Thank you again for putting on the station, nice Christmas present...
United Kingdom	Telford	Wilkinson Richard	G0VXG	Radio receiver and own antenna	Kenwood TS590 DSP with Datong 28MHz upconverter, antenna 8' x 4' eight turn wire loop	599	Thank you again for putting on the station, nice Christmas present...
United Kingdom	Truro	John Davies	G4ETQ	Radio receiver and own antenna	Kenwood 570D ,100Hz-100kHz converter to Marconi T.	RST 57 to 58.	Very strong test signals. Message at 0800utc very strong. Happy Christmas all.
United Kingdom	Westbury	Charles Riley	G4JQX	Radio receiver and own antenna	1946 B29 valved Military receiver and loaded T antenna	5,5	Thank you for your efforts, well done. A pleasure to hear you.
United Kingdom	Weston super Mare	David Dyer	G4CXQ	Radio receiver and own antenna	ICOM IC 8600 and a Wellbrook Loop antenna at 7mtrs a.g.l.	519	
United Kingdom	Whitworth	Alan Gale	G4TMV	SDR- or Kiwi-SDR and own antenna.	Airspy HF+ Discovery SDR, PA0RDT Mini-Whip	549	Not too strong here, but the signal fought its way through the Christmas Lights QRM
United States (USA)	Wasilla, AL	Laurence Howell	KL7L	SDR- or Kiwi-SDR and own	L400b eprobe up a Birch tree, Spectrumlabs, Audiocity	Signal level around 15dB above noise but moderate to harsh QRN at times.	http://ki7l.com/saq24122019.jpg on tune up http://ki7l.com/saqstart.jpg start of message at 0800Z http://ki7l.com/saqk7l.mp3 CW wheel

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United States (USA)		Christopher Bowne		Radio receiver and own antenna	Wandell and Goltermann AT-611 Selective Level Meter. Signals were close to the background noise at about -90 dBm at a 400 Hz channel bandwidth. Used about 150 feet of wire laying on the sea wall on the east side of the Point for an antenna, sort of a Beverage on Ground (BOG) W und G AT-611 in the 2017 Volvo XC60 mobile.		
United States (USA)	Charlestown, NH	John Collins	KN1H	SDR- or Kiwi-SDR and own antenna.	SDRIQ receiver and 400' end-fed wire	RST 569	Armchair copy, no filters or noise reduction needed, beautiful signal!
United States (USA)	Cohoe	Whitham Reeve	Cohoe Radio Observat	SDR- or Kiwi-SDR and own antenna.	Antenna: Square loop with 1.2 m diagonal, 64 turns, effective height 1.9 cm at 17.2 kHz. Receiver: SDRPlay RSPduo. Software: SDRuno in Record mode and set to 125 kHz bandwidth (2 MHz sample rate with 8 decimation).	Weak and not always readable; occasionally about 5 dB SNR.	Because Cohoe Radio Observatory is a remote site, I was not able to retrieve the SDRuno I/Q recordings until 30 December (earlier today as I write this). I started recording a 125 kHz wide spectrum at 0730 UTC on 24 December but did not receive any tuneup transmissions until 0742. The transmissions were almost continuous until 0804 and noted to be about 15 Hz low after tuneup. The signal was weak but very obvious. I do not have code reading skills to decode the transmissions.
United States (USA)	Dover	Breckinridge Smith	K4CHE	UNHEARD - Radio receiver and own antenna	Equipment failure, no reception		
United States (USA)	Estes Park, Colorado	Larry A Olson	W9INE	UNHEARD - Radio receiver and own antenna	Flex-6700 with 20 meter yagi	Noise = -132 dBm Signal -115 dBm QSB No CW copy.	Did some data recording. Will analyze later today. Grid Sq = DN70gi.
United States (USA)	Jim Thorpe, PA.	Steve Hemphill		Radio receiver and own antenna	Watkins-Johnson 8711 receiver & 25 turn indoor loop antenna	-110 dBm, with some local QRN.	I first heard the test signals at 07:45 UTC, continuing until 08:04 UTC. It was great to hear you again, this year! Great reception into North America!
United States (USA)	LINCOLN, NEBRASKA	RICHARD M. LORENZEN	WA0AKG - SA6RAJ O	UNHEARD - Radio receiver and own antenna	RECEIVER KIT FRAN SAQ BESOK CENTRUM GRIMETON	DID NOT HEAR ON 17.2 KHZ DIRECTLY, DID HEAR VIA TWENTE SDR	
United States (USA)	Marshfield, Massachusetts	Dave Riley	AA1A	UNHEARD - SDR- or Kiwi-SDR and own antenna.	Litz wire loop		Could see 4 Naval transmitters nearby but noise was -95...
United States (USA)	Mount Solon, Virginia	William Props	W4SVA	UNHEARD - Radio receiver and own antenna	WWII Navy RAK regenerative receiver, 600 ft. longwire		
United States (USA)	Pottstown, Pa.	Robert Bartola	N3SWL	SDR- or Kiwi-SDR and own antenna.	Receiver: SDRplay model RSPdx. Set to CW 750Hz BW. Antenna: 4 foot square wire loop antenna with a capacitor to resonate at 17.2 KHz. Preamp: Common base 2N3906. The loop antenna and capacitor fed in series to the emitter. On the collector a 4:1 bifilar transformer fed the 50 ohm line to my receiver.	-110 dBm.	Reception began approx. 7:48 UTC and terminated 8:04 UTC. I recorded the .wav file of part of the transmission and made a video of part of the transmission. I used a home made loop antenna (24T #14 wire on a 4 foot square wood frame) Also added a 2N3906 single stage preamp. It was exciting to receive SAQ for my 1st time. Thank You keeping up the SAQ tradition!
United States (USA)	Walnut Creek, CA USA	Bart Lee	K6VK	UNHEARD - SDR- or Kiwi-SDR and own antenna.	WinRadio G33 SDR, paired vertical antennas to 14 meters height, impedance improver -- visual display and audio; other VLF stations clear.	Not Heard	www.californiahistoricalradio.com; warm regards to Ms. Lugnet, Ola and the crew -- 2018 Visit.

Country	City	Name	Call sign	Reception via	Equipment details	Reception Quality	Additional Information
		MESSAGE:		REPORTS FROM:			
		"CQ CQ CQ DE SAQ SAQ SAQ =		Country	Received	Unheard	
		THIS IS GRIMETON RADIO/SAQ IN A		Austria	18		
		TRANSMISSION USING THE		Belgium	11	1	
		200 KW ALTERNATOR ON 17.2 KHZ =		Canada	3		
		WE WISH YOU ALL A MERRY		Czech Republic	19	1	
		CHRISTMAS AND A HAPPY NEW		Denmark	6		
		YEAR.=		Finland	8		
		SIGNED: THE WORLD HERITAGE AT		France	12		
		GRIMETON AND THE ALEXANDER-		Germany	166	1	
		GRIMETON VETERANRADIO		Greece	2		
		VAENNER ASSOCIATION +=		Hungary	2		
		FOR QSL INFO PLEASE READ OUR		Iceland	1		
		WEBSITE:		Ireland	2		
		WWW.ALEXANDER.N.SE +=		Italy	26		
		DE SAQ SAQ SAQ @"		Japan	6	4	
				Latvia	1		
				Lithuania	3		
				Luxembourg	0		
				Malta	1		
				Netherlands	30		
				Norway	4	1	
				Poland	9		
				Portugal	2		
				Romania	2		
				Russia	2		
				Serbia	1		
				Slovakia	2		
				Slovenia	2		
				Spain	8		
				Sweden	35		
				Switzerland	9		
				Ukraine	2		
				United Kingdom	19		
				United States (USA)	6	6	
					420	14	