

The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

February 2020

Toms River, NJ

President Lee's Report



I hope everyone is staying warm and enjoying operating right now. It is nice to see the days getting longer.

The bands still are not that great as we still have very little sunspot activity but the few spots we have had are Cycle 25 spots.

The program for the upcoming meeting will be on SDR radio.

Remember we have an upcoming Chinese luncheon on February 12th at 12 noon at the Fortune Buffet.

Looking forward to seeing many of you there.

73,
Carl
W2PTZ

Announcing Our February Luncheon

One of our favorite activities is getting together at the Fortune Buffet. On the 2nd Wednesday of this month we'll have our February luncheon at the Fortune Buffet on Route 37. It's behind Ruby Tuesday's, across the parking lot from Walgreen's at St. Catherine Blvd.



Take your spouse out for lunch. It's an "all you can eat" and our price is only \$10, and that includes the tip for the waitress and a little left over for the club's treasury to help pay for Field Day or whatever.



Tea is included, but if you prefer soda, it's a dollar more.

At our February meeting, Larry will need to know how approximately many of us will be coming, so he can make the reservation.

FCC License Testing Is Available

Our Volunteer Examiners can be available on request on the second Wednesday evening of the month. To make an appointment, call Larry Puccio 732-349-2950.

NEXT REGULAR MEETING:
Thursday February 6th at 7:00 PM
Bldg A, Meeting Rm. #1
Holiday City South Clubhouse
Santiago Drive at Mule Road
Toms River, NJ

Ocean County ARES® News

– February, 2020

The next meeting of Ocean County ARES will be on Wednesday, February 19th at 7:00 PM at the Ocean County EOC, Robert J. Miller Airpark, Berkeley Township. Refreshments will be available. There will be no training nets that evening due to the meeting.

used on a PC or AndFlmsg on an Android device. The MT63-2KL mode is normally used between 500 and 2500 Hertz. You can use a connection as simple as the acoustic coupling method of just holding your device mic up to your transceiver speaker to decode or holding your mic up to your device speaker to encode. The only Wednesday that the NBEMS net will not be conducted is the second Wednesday of the month when we have a Skywarn net at 8:00 PM. Until further notice, NBEMS training nets will be on the WA2RES/R in Toms River,



Ocean County ARES NBEMS demo at the Gloucester County Hamfest in 2019

449.825 MHz, PL of 131.8.

The ARRL has a new magazine especially tailored for new amateur radio operators. It can be found at:

<http://www.arrl.org/read-on-the-air>

You have to be an ARRL member to view “On the Air” magazine, however non-members can view a sample issue.

Tim, NJ2N, has been conducting NBEMS training nets at 8:00 PM on each Wednesday, just before each ARES Voice training net. FLDIGI and FLMSG is the mode

Keith, KC2OON, will be relocating to another state and has resigned as an Ocean County ARES Assistant EC and as Skywarn Coordinator. We all wish Keith luck with his new challenge.

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

Due\$ Are Due



Each year that Duesenberg reminds us that club dues were due by January (HCARC Bylaws paragraph 4a).

Many members have already paid their yearly dues but there are a few others who have not renewed their club membership by paying the dues. As in the past, the yearly dues are \$25.00. If you have not already paid, bring a check or cash to our next meeting.

If you cannot make the meeting please send your check payable to Holiday City Amateur Radio Club (or HCARC) to:

Larry Puccio

22 Sabinas Street

Toms River, NJ 08757

Minutes Of Holiday City ARC Meeting

January 2, 2020

President Carl Lee called the meeting to order at 7:03 p.m. followed by the pledge to the flag.

J. Perry read the December minutes and a motion to accept the minutes was made and passed.

Treasurer's Report:

[Edited report. The complete report, as passed and accepted, is available to club members.]

Larry Puccio reported the bank account and cash on hand. Larry reported the cost of the Fortune Buffet luncheon. Motion was made and passed to accept the treasurer's report.

VE Report:

Larry reported that Anthony Nardini [now KD2TEG] passed the Technician examination.

Publicity:

Marge Penn received a copy of a QST issue that explained what one radio club does to promote amateur radio and to attract new and young members.

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Our VE Crew

Larry [K2QDY](#) (Liaison) 732-349-2950,
Urb [W1UL](#), John [KQ4WR](#), Stan [KB2P](#), Steve [N2WLH](#),
Larry [WA2VLR](#), Tony [KD2GSO](#), Matt [K3MR](#)

License exams are given by appointment at 7:00pm on the second Wednesday of each month at Holiday City South Clubhouse, Bldg A, which is at the corner of Mule Rd. and Santiago Dr. Call Larry Puccio, K2QDY, at 732-349-2950 for an appointment.

Directions: From either Route 37 W or Davenport Road, take Mule Road to Santiago Drive. Clubhouse A is the building nearest the street corner.

CLUB COMMITTEES

Refreshments: Marge [KD2LNT](#) pearl1122@comcast.net

Webmaster: Steve [N2WLH](#) N2WLH@yahoo.com

Programs: (open)

Sunshine: Dave [WA2DJN](#) WA2DJN3@verizon.net

Field Day: Larry [K2QDY](#) 732-349-2950

VE Sessions: Larry [K2QDY](#) 732-349-2950

Membership: Doug [KC2TZC](#) 732-928-2316

Holiday City Amateur Radio Club

Toms River, New Jersey

Web Site www.hcarc.us

President	Carl Lee	W2PTZ	732 575-7558
Vice President	Billy Locke	KD2MHA	732 281-0151
Secretary	John Perry	KD2NDY	732-349-2705
Treasurer	Larry Puccio	K2QDY	732-349-2950
Executive Board	Doug Poray	KC2TZC	732-928-2316
Executive Board	John Roberts	KQ4WR	732-966 4665
W2HC Trustee	Larry Puccio	K2QDY	732-349-2950

Membership is open to all interested persons. Ham license is not required. Dues are \$25.00 per year, payable Jan 1st. Members joining during the year will have the dues prorated. Family membership \$30.00 per family. Meetings are held on the first Thursday of every month, at 7:00 pm, except December.

Location: Meeting Room #1 in Holiday City South Clubhouse A.

Directions: From either Route 37 W or Davenport Road, take Mule Road to Santiago Drive. Turn into the parking lot from Santiago Drive and park near the pool. Enter the building nearest the street corner.

The SKYHOOK is published monthly as the HCARC's official newsletter.

Editor and Publisher:

John Roberts [KQ4WR](#) 7 Lincoln Ct. Whiting, NJ 08759-1505
e-mail KQ4WR@arrl.net 732 966 4665

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Welfare:

It was mentioned that Anthony Manus could not make the meeting because his mother passed away.

Old Business:

President Lee was disappointed with the table set up at the Holiday Party and suggested the meeting room be used and the party catered.

New Business:

President Lee reported on *ARRL Reshapes its Podcast Offering for 2020*:

1. Will launch **On The Air** magazine which should appeal to new members.
2. ARRL's current **So Now What** will cease production in January.
3. **The Doctor is In** podcast will end in December and **Electric Tech** designed to appeal to experienced amateurs will begin in February.

Report on the NOAA/NASA Solar Cycle: The Solar Cycle 25 sunspot number is 115 and is predicted to be weak into 2026.

The co-inventor of the Computer Bulletin Board System, Randy Suess, Died on December 10. The computer bulletin board was a forerunner of today's social media outlets.

Lecture Series: MIT of Technology Radio and the Department of Electrical Engineering and Computer Science are hosting a lecture series, starting on January 10th and continuing through the month.

Field Day will be held on Saturday, June 27th from 9am-6pm at Whispering Pines Park. In order for this to be a success, equipment such as an antenna, tuner, poles, two radios and a computer are needed. Also, an operator and logger are required to make the day a success.

Carl stated that the Chinese Buffet will be held on February 12th and tickets for the Hamvention in Dayton will be available on May 15th.

Some discussion centered on Software Defined Radio, SDR: To listen worldwide websdr.org should be accessed on the computer.

Meeting was adjourned at 8:37 p.m.

You Need An Antenna For DX

If you don't have an HF antenna, now's the time to start planning. There are choices. It would be wonderful to have a **multiband Yagi on a tower** in your back yard, but that is probably not an option.

A G5RV style wire antenna might be allowed. If that seems to be a choice, you still need to consider lightning protection.

Multiple runs of ground wire to long, interconnected ground rods will be needed for that.

One of the other choices is **an antenna in the attic**.

Often the space above a garage is a good place for small one, as it 's likely to be farther from other electronic devices, but a higher location is usually better for dipoles.

Dipole antennas for various bands can be connected in parallel and fed via twin lead from an antenna tuner in your "shack".

Another choice is to **go mobile**.

Most modern transceivers can run from a car battery. The antennas are very compact and clamp onto the trunk lid or fasten to the roof with magnets. Don't expect good results below 14MHz. Park on a hilltop for best results.

Beware of low bridges, toll booths, take-out windows, and of course, your own garage.

Also, be sure you save enough battery charge to start the car.

There are still at least two other interesting choices.

You could **rent an antenna farm** complete with transceiver, and operate it remotely from home.

The final choice is to **visit another ham** who will let you operate his station.

Whatever your choice, try to get a copy of the ARRL Antenna Book. The new edition is in four volumes and costs \$65 bucks, but older editions can be borrowed from other hams or libraries, or bought at hamfests.

The ARRL Handbook is a good alternative that you may already have.

Larry Puccio K2QDY Worked:



DATE	TIME	FREQ	MODE	CALLSIGN	ENTITY	LOC	MILES	DIR
11/30/2019	00:11	7.028	CW	F5MUX	France	JN18dt	3669	NE
11/30/2019	00:28	7.008	CW	CT3MD	Madeira Is.	IM12np	3179	E
12/14/2019	16:56	28.020	CW	N800	Pineville, LA	EM31sj	1181	WSW
12/26/2019	16:27	10.111	CW	VA5DX	Clavet, SK, Canada	DO62ta	1735	NW
12/26/2019	16:34	10.104	CW	F5NTV	France	IN94lr	3624	ENE
12/27/2019	23:58	7.013	CW	LZ50ZF	Bulgaria	KN12pq	4757	NE
12/28/2019	01:05	7.017	CW	VE3BXG	Napean, ON, Can	FN25di	379	N
12/28/2019	01:08	7.024	CW	VE5MX	PtColborne, ON, Can	FN02iv	332	NW
12/29/2019	14:51	14.224	SSB	DR175CW	Fed Rep of Germany	J031aa	3768	NE
12/29/2019	21:49	7.005	CW	S57V	Slovenia	JN76hc	4269	NE
12/29/2019	21:52	7.018	CW	LZ50ZF	Bulgaria	KN12pq	4757	NE
12/29/2019	22:41	7.018	CW	LZ50HF	Bulgaria	KN12pq	4757	NE
12/30/2019	01:14	7.008	CW	OK2PVF	Czech Republic	J070ec	4127	NE
12/31/2019	15:50	14.007	CW	I1YRL	Italy	JN62ma	4343	ENE
12/31/2019	16:06	14.012	CW	F8DGY	France	JN18dt	3669	NE
12/31/2019	16:37	14.023	CW	HB9TNW	Switzerland	JN37ma	3920	NE
1/01/2020	15:27	14.258	SSB	IK5RLP	Italy	JN62ma	4343	ENE
1/01/2020	15:45	14.240	SSB	ON7CL	Belgium	J020ev	3704	NE
1/01/2020	16:52	14.258	SSB	F5MUX	France	JN18dt	3669	NE
1/10/2020	22:30	7.031	CW	RU6B	European Russia	KN94mc	5905	NE
1/12/2020	23:06	7.004	CW	404T	Montenegro	JN92oh	4600	NE
1/13/2020	00:57	7.024	CW	CT3MD	Madeira Is.	IM12np	3179	E
1/18/2020	18:45	14.256	SSB	KC5CMX	Belleview, FL	EL89xb	876	SSW
1/18/2020	18:46	14.246	SSB	K5RT	Rowlett, TX	EM12rw	1329	WSW
1/18/2020	18:51	14.270	SSB	K9CT	Trivoli, IL	EN50bp	826	W
1/19/2020	00:26	7.199	SSB	AE4ED	Covington, VA	EM64jt	797	WSW
1/19/2020	00:28	7.123	SSB	K6JO	Vista, CA	DM13je	2409	W
1/19/2020	00:31	7.261	SSB	K7RI	Seattle, WA	CN87tm	2421	WNW
1/19/2020	00:32	7.281	SSB	K5FUV	Fayetteville, AR	EM26xa	1112	W
1/19/2020	00:42	7.160	SSB	K0UK	Grand Junction, CO	DM59ra	1821	W
1/19/2020	00:44	7.140	SSB	K0EU	Denver, CO	DM79lp	1629	W

Some DX Opportunities

Callsigns shown in alphanumeric order

Italics if DX > 6000mi

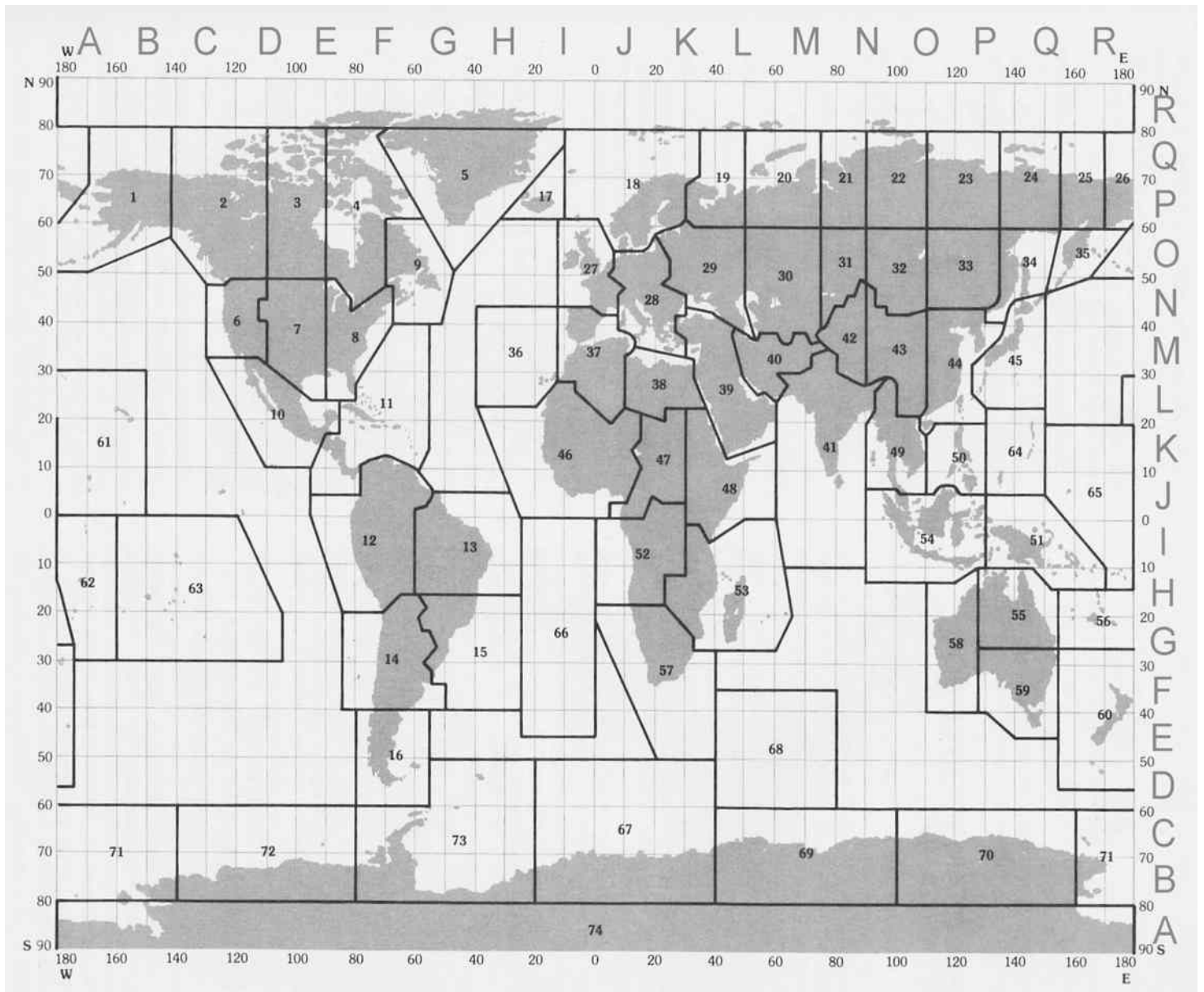
Mode codes: 8 = JT8, c = QRS CW, C = CW, D = Digital, J = JP4, P = PSK31, R = RTTY, S = SSB, T = SSTV.

Bands: "Low" usually means 160, 80 & 40m.

Many thanks to NG3K, Wikipedia, Google Maps, the ARRL, the RSGB, DXW, TDDX & QRZ.com for the data.

START	FINISH	ENTITY	CALLSIGN	IOTA	BANDS	MODES	QSL via	LOC	Miles	Dir	Info by
Feb 07	Feb 12	Azerbaijan	4K6/TA7AOF			S 8 C	LoTW	LN40wj	5870	NE	425DXN
	Mar 30	Sri Lanka	4S7KKG		80-10m	C D	DC0KK	MJ97wa	8800	NNE	ARLD003
Feb 16	Mar 16	Tanzania	5H3DX		40-10m	C P 8	LoTW	KI93LL	7737	E	TDDX
Feb 06	Feb 18	Tanzania	5H4WZ	AF-063	160-10m	C S R 8	OM3PA	KI94ut	7716	ENE	TDDX
Feb 04	Feb 18	Tanzania	5I4ZZ	AF-032	80-10m	4 8	I2YSB	KI93pu	7736	E	I2YSB
Feb 04	Feb 18	Tanzania	5I5TT	AF-032	80-10m	C S R	I2YSB	KI93pu	7736	E	I2YSB
Jan 09	Feb 05	Somalia	60100		160-6m	S C 8	QRZ.com	LJ22pa	7659	ENE	TDDX
Feb 16	Mar 27	Senegal	6W7/ON4AVT				ON4AVT Buro	IK14mi	7865	E	TDDX
Jan 16	Feb 03	Barbados	8P9CA	NA-021	40-15m	S 8 4	LoTW	GK03fe	2055	SSE	TDDX
Feb 19	Feb 24	Maldives	8Q7MK				LoTW	MJ64sj	8755	NE	TDDX
Jan 19	Feb 29	DR Congo	9Q1C		80-10m		IK7UXW	JJ75pq	6391	E	TDDX
Nov 24	Nov 15	Tonga	A35JP	OC-049	160-10m	C S 8	LoTW	AG29ma	7693	W	JA0RQV
	Mar 31	Qatar	A75GR		80m		M00XO	LL55sh	6741	NE	ARLD003
Feb 05	Feb 08	Nauru	C21AA	OC-031	160-6m	8	JH3QFL	RI39am	7789	WNW	TDDX
Feb 05	Feb 08	Nauru	C21GW	OC-031	160-6m	8	JR3GWZ	RI39am	7789	WNW	TDDX
Feb 05	Feb 08	Nauru	C21MB	OC-031	160-6m	8	JH3AZC	RI39am	7789	WNW	TDDX
Feb 05	Feb 08	Nauru	C21PF	OC-031	160-6m	8	JA1PFP	RI39am	7789	WNW	TDDX
Feb 05	Feb 08	Nauru	C21VA	OC-031	160-6m	8	JH3VAA	RI39am	7789	WNW	TDDX
Jan 28	Feb 07	Gambia	C5XW	OC-031	40-17m	C	G5XW	IK13ma	3923	ESE	DXW.Net
Feb 23	Mar 01	Bahamas	C6AAN	NA-001	160-10m	C 8	DF8AN	FL14ak	1094	SSW	TDDX
Dec 15	Feb 29	Antarctica	DP0GVN	AN-016	160-10m		DL5EBE	IB59uh	8308	SSE	QRZ
	Dec 31	F R of Germa	DR40PUL				Buro	J031aa	3768	NE	ARLD003
Feb 05	Feb 17	Palestine	E44CC		160-10m	C S R D	LoTW	KM51fm	5720	NE	DXW.Net
Feb 02	Feb 14	South Cook I	E51DDG	OC-013	40-17m	C	LoTW	BG08cs	6927	WSW	VE7DS
	Mar 31	Canary Is	EA8/HB9FIH	AF-004	80-10m	C S D	HB9FIH	IL18rj	3337	E	ARLD049
	Mar 09	Guadeloupe	FG/F6ITD	NA-102		S D	F6ITD	FK96eg	1805	SSE	ARLD003
Feb 15	Feb 22	St Barthelem	FJ/N2IEN	NA-146	80-10m		LoTW	FK88ma	1660	SSE	DXW.Net
Jan 23	Feb 18	Reunion	FR/F8EN	AF-016	80-10m	C	F6AJA	LG79sa	9227	E	425DXN
Dec 12	Apr 04	Honduras	HR5/F2JD		160-6m	C S D	F6AJA	EK54ju	1957	SSW	TDDX
Jan 18	Feb 02	Honduras	HR9/WA4DT				WA4DT Dir	EK66tg	1793	SSW	425DXN
Nov 12	Apr 01	Thailand	HS0ZME		40-10m	C	SM6NT Buro	NK92xm	8797	N	TDDX
Jan 30	Feb 13	El Salvador	HU1DL		160-17m	C S D	LoTW	EK54ma	2003	SSW	DXW.Net
Feb 21	Feb 23	Puerto Rico	KP3RE	NA-249	80-10m	C S 8	EA5GL	FK68mm	1544	SSE	KP4RV
Jan 17	Feb 29	Aruba	P4/K3DMG	SA-036			LoTW	FK52am	1915	S	TDDX
Feb 08	Feb 22	Bonaire	PJ4/NE9U	SA-006	80-10m	C	LoTW	FK52ne	1948	S	NE9U
Feb 20	Mar 04	Costa Rica	TI5/AA1M		160-10m	S C 8	LoTW	EK80aa	2154	SSW	AA1M
Feb 20	Mar 04	Costa Rica	TI5/W1USN		160-10m	S C 8	LoTW	EK80aa	2154	SSW	AA1M
Jan 14	Feb 04	Costa Rica	TI5/W4GKR				W4GKR	EK80aa	2154	SSW	TDDX
	Feb 04	Costa Rica	TI5/W4GKR			Dc	W4GKR	EK80aa	2154	SSW	ARLD003
Feb 01	Feb 12	Cocos I	TI9A	NA-012			LoTW	EJ651m	2511	SSW	DXNews
Jan 20	Feb 09	Cocos I	TI9C	NA-012	160-6m	S	LoTW	EJ651m	2511	SSW	TDDX
Feb 03	Feb 08	Martinique	T03FM	NA-107	160-10m	8	LoTW	FK94mp	1926	SSE	TDDX
	Dec 31	Chad	TT8SN		80-6m		DL9USA	JK72mc	5649	E	ARLD050
Feb 24	Feb 29	Ivory Coast	TU5PCT		160-10m	C S R 8	LoTW	IJ85am	4935	E	OK6DJ
Feb 11	Feb 17	French Polyn	TX4N				AA4NC	BH65kl	5994	WSW	AA4NC
Feb 11	Feb 17	French Polyn	TX4VK	OC-131	80-10m		AA4VK	BH65kl	5994	WSW	AA4NC
Jan 06	Feb 29	Belize	V31GW	NA-073			DK9GG/LoTW	EK57um	1754	SSW	TDDX
Feb 05	Feb 11	Belize	V31VP		80-10m	S R 8 c	WB0TEV	EK57um	1764	SSW	DXW.Net
Jan 06	Feb 29	Belize	V31YN	NA-073			DJ9KW/LoTW	EK57um	1754	SSW	TDDX
Feb 14	Feb 21	Micronesia	V63DX				LoTW	PJ54tw	8930	NW	JA7HMZ
	Apr 12	Norfolk I	VK9NK	OC-005	80-10m	S R 8	SP9FIH	RG30xx	8892	W	ARLD003
Jan 26	Feb 02	Montserrat	VP2MCV				LoTW	FK78qj	1597	SSE	DXW.Net
Feb 20	Mar 05	South Orkney	VP8/VP8DXU	AN-008	160-10m	C R 8	LoTW	GD08pg	6610	S	K5GS
	Feb 08	Antarctica	VP8HAL	AN-005	40, 20m	J 8	EB7DX	KB34hk	9067	SSE	ARLD049
	Jun 15	South Sudan	Z81D		80-10m	S 8 4	OM3JW	KJ54tu	6835	ENE	ARLD050
Feb 14	Feb 23	Cayman Is	ZF2AN	NA-016	160-20m	C 8	DF8AN	EK99jm	1472	SSW	TDDX

ITU Zones



February						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 Noon Lunch at Lisa's	4	5	6 HCARC MEETING see page 1	7	8
9	10 9 AM Breakfast at HC Diner	11	12 Chinese Buffet see page 1; FCC Exams see page 3	13	14	15 ARRL CW DX Contest see arrl.org
16 Contest continues	17 Pres. Day; Noon Lunch at HCDiner	18	19 ARES Meeting 7pm see page 2	20	21	22
23	24 9 AM Breakfast at HC Diner	25	26	27	28	29

Help Stop Annoying Phone Calls

Did you just get a ROBOCALL? Note the date and exact time of the call, the number called and, if possible, the caller's number. Also note the subject matter:

Reducing your debt (credit cards, mortgage, student loans)

Calls pretending to be government, businesses, family or friends

Medical & prescriptions

Home security and alarms

Computer & technical support

Debt collection

Energy, solar, & utilities

Home improvement & cleaning

Work from home & other ways to make money

Warranties & protection plans

Lotteries, prizes & sweepstakes

Vacation & timeshares

Surveys & political calls

Charities

Dropped call or no message

Unknown

Report it to <https://complaints.donotcall.gov>

Also, be sure you're on the FTC's do-not-call.gov list.