



KEY KLIK QRP QRP KEY KLIK

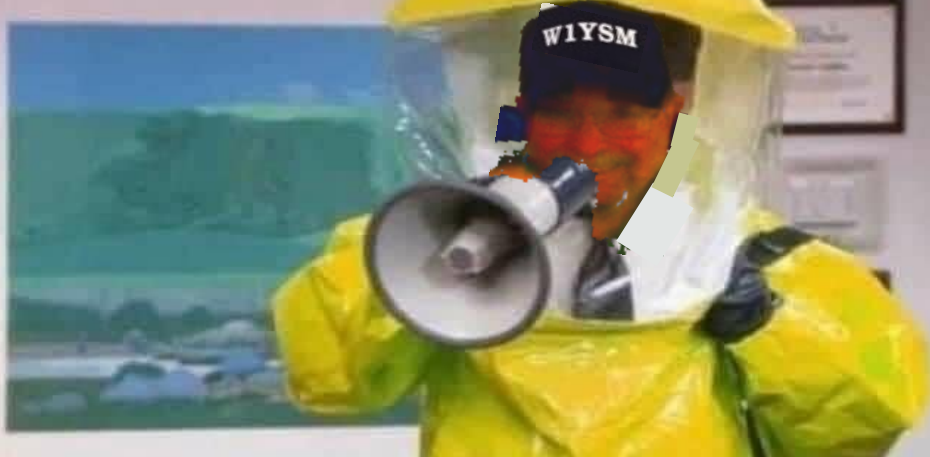


MERIDEN AMATEUR RADIO CLUB
W1NRG
1947

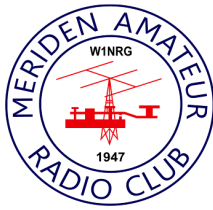
The central logo is a blue circular emblem. The outer ring contains the text "MERIDEN AMATEUR RADIO CLUB" in blue. Inside the ring, there is a red illustration of a radio tower with a cross-arms antenna. Above the tower is the call sign "W1NRG" and below it is the year "1947".

JULY
2020

I HOPE YOU HAD A NICE SUMMER.



**WELCOME BACK TO OUR REGULAR MARC MEETINGS
AT THE EOC!**



1947 - 2020

MERIDEN AMATEUR RADIO CLUB

PRES	W1YSM	ED SNYDER
VP	KB1JL	ERIC OLSSON
SECT	K1STM	ANNE WEST
TRES	K1WJL	DAVE SWEDOCK
S.A.M.	K1RCT	ROB CICHON

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ALL MEETINGS ARE **NORMALLY** AT THE
 EOC HOPE HILL FIREHOUSE
 143 HOPE HILL ROAD, WALLINGFORD
HOWEVER THEY ARE SUSPENDED
UNTIL FURTHER NOTICE

August Business meeting on ZOOM Thursday August 13th 7:30pm....

The ZOOM format appears to be working much better than the Jitsi and it appears from this point on we are "Zoomers" instead of Jitsi-folk. It requires loading software that is free, from Zoom but it is a monthly cost of about \$15 to reserve a Host Room. This will only be necessary until the covid-19 is over, but watching the news in other parts of the country does not give us much hope. Use the masks and stay safe...

August Activity meeting on ZOOM Thursday August 27th 7:30pm....
 TO BE DETERMINED

Tech Net Wednesday is now Tech Net Thursdays (on non meeting weeks)

We Have decided to conduct the Tech Net on Thursday evenings during non-meetings weeks. At 7:30pm on the 147.36 W1KKF repeater... James AB1DQ has accepted the challenge of being the Tech Net Coordinator and is going to take it into the end zone with his enthusiasm.... We will just leave it there to peak your curiosity.

FIELD DAY / STAY AT HOME QTH DAY 2020

1D was the exchange for the MARC 2020 FD as we operated from our home QTH's and the ARRL allowed us to provide affiliation towards a MARC aggregate score. At this point, there were approximately 21 entries for the MARC. A full report in the next Key Klux KW.

Condolences to Paul Stasieluk W1EDX on the recent loss of his sister due to the Covid Virus, and speedy recovery wishes to Ted KC1DOY's brother in Nevada who is ailing from the Covid Virus as well.

WE WISH A SPEEDY RECOVERY TO ANNE K1STM OUR SECRETARY AS SHE HAS TAKEN ILL.

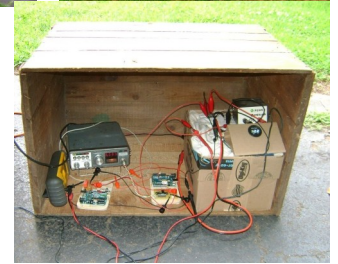


Tales of the Non-Sanctioned Fox Hunts

FROM THE NON-SANCTIONED CHAIR, DAVE NZ1J



Editors Note: Kudo's to Dave NZ1J for providing some much needed ham activity, still covert, but he has accomplished a great deal in a short amount of time. From those Saturday mornings, constructing all types of hand held antennas to building those fox-mitters (mini transmitters) that we look forward to hunt each weekend. Thanks to Ted KC1DOY, Dave NZ1J & Nancy KC1NS and Steve KC1SA & XYL Ruth for taking great pix (even Ruth's 40 mb pix).... My apologies if I missed someone... Even Jeff KC1HDB brought his drone for some great overhead shots





WE WOULD LIKE TO CREDIT JEFF N1AKN ON MANY OF THE CARTOONS AND DIDDYS THAT APPEAR IN THE KEY KLIX.. "K1WJL'S TWIN"

THIS IS FOR ENGLISH MAJORS IN THE CLUB...

DID YOU KNOW THESE THINGS HAD NAMES?

1. The space between your eyebrows is called a glabella.
2. The way it smells after the rain is called petrichor.
3. The plastic or metallic coating at the end of your shoelaces is called an aglet.
4. The rumbling of stomach is actually called a wamble.
5. The cry of a new born baby is called a vagitus.
6. The prongs on a fork are called tines.
7. The sheen or light that you see when you close your eyes and press your hands on them is called phosphenes.
8. The tiny plastic table placed in the middle of a pizza box is called a box tent.
9. The day after tomorrow is called overmorrow.
10. Your tiny toe or finger is called minimus.
11. The wired cage that holds the cork in a bottle of champagne is called an agraffe.
12. The 'na na na' and 'la la la', which don't really have any meaning in the lyrics of any song, are called vocables.
13. When you combine an exclamation mark with a question mark (like this !?), it is referred to as an interrobang.
14. The space between your nostrils is called columella nasi.
15. The armhole in clothes, where the sleeves are sewn, is called armscye.
16. The condition of finding it difficult to get out of the bed in the morning is called dysania.
17. Illegible hand-writing is called griffonage.
18. The dot over an "i" or a "j" is called tittle.
19. That utterly sick feeling you get after eating or drinking too much is called crapulence.
20. The metallic device used to measure your feet at the shoe store is called Bannock device.

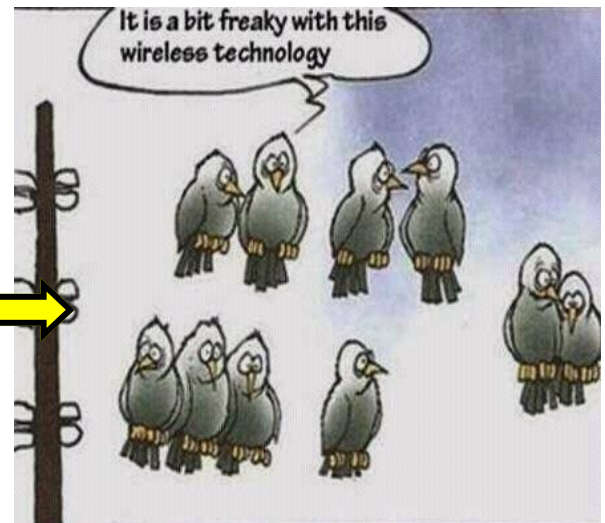
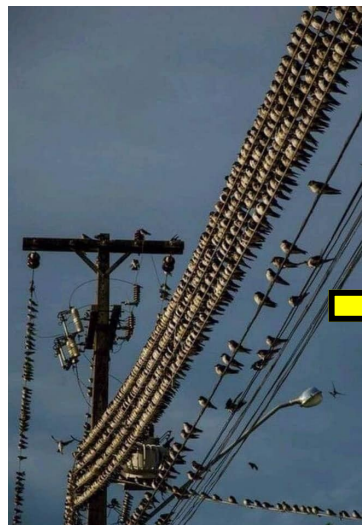
HOW MANY OF THE ABOVE DID YOU ALREADY KNOW?



FOR \$1200 WE'LL COME TO YOUR HOUSE DRESSED AS COVID-19 RESCUE TEAM AND TAKE YOU FROM YOUR WIFE FOR A 14 DAY DXPEDITION AND RETURN YOU

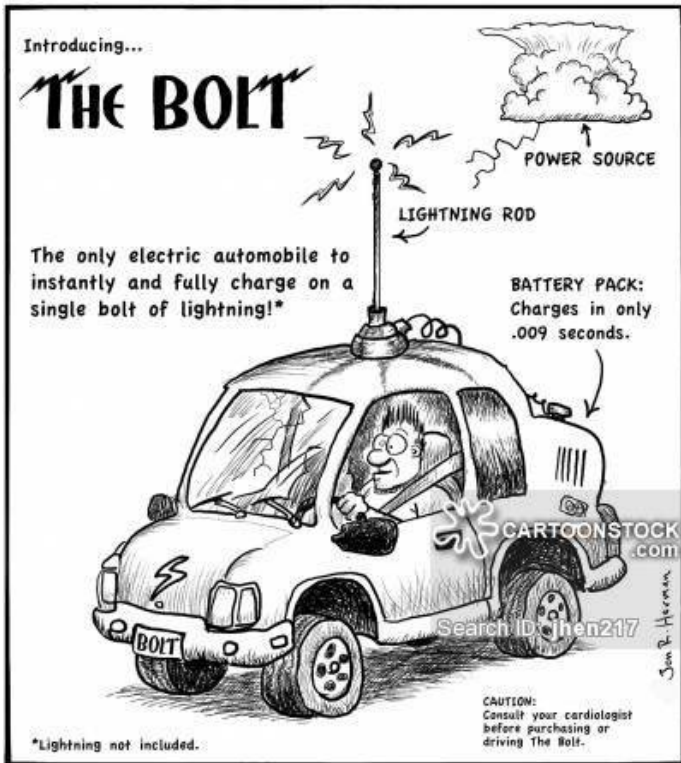


"OK, LAST NIGHT YOU WASHED DISHES TODAY YOU ARE FOLDING LAUNDRY. What did you buy at the hamfest and how much did it cost??"





**WANT TO GUESS WHAT CLUB MEMBER THIS IS??
CLUE.... ALWAYS BUYS ONE DAIRY QUEEN**



**FOR SALE BY W1EDX PAUL
HealthKit DX 60b and VFO Transmitter
Realistic DX-150 Receiver
Cushcraft A3 Tribander
Grundig Antique radio (SHOWN ABOVE)**

Newer Solar Cycle 25 Forecast Runs Counter to Consensus

Scientists associated with the National Center for Atmospheric Research, the University of Maryland, NASA Goddard Space Flight Center, and other institutions are offering a "bold prediction" on how Solar Cycle 25 will play out. In a paper, "Overlapping Magnetic Activity Cycles and the Sunspot Number: Forecasting Sunspot Cycle 25 Amplitude," **they assert that the next sunspot cycle will be of major proportions**. The forecast stands in stark contrast to the consensus of forecasters who predict that the magnitude of the nascent Cycle 25 may not be much different from the current unremarkable solar cycle, which appears to have reach its low point.

"From the dawn of modern observational astronomy, sunspots have presented a challenge to understanding -- their quasi-periodic variation in number, first noted 160 years ago, stimulates community-wide interest to this day," the abstract points out. "A large number of techniques are able to explain the temporal landmarks, (geometric) shape, and amplitude of sunspot 'cycles,' however, forecasting these features accurately in advance remains elusive."

The paper notes that recent studies have illustrated a relationship between the sun's 22-year Hale magnetic cycle and the production of sunspot cycle landmarks and patterns, but not the amplitude of the cycle.

"Using discrete Hilbert transforms on 270 years of monthly sunspot numbers to robustly identify the so-called 'termination' events -- landmarks marking the start and end of sunspot and magnetic activity cycles -- we extract a relationship between the temporal spacing of terminators and the magnitude of sunspot cycles," the abstract explains. "Given this relationship and our prediction of a terminator event in 2020, we deduce that Sunspot Cycle 25 will have a magnitude that rivals the top few since records began. This outcome would be in stark contrast to the community consensus estimate of Sunspot Cycle 25 magnitude." According to the paper, low-amplitude solar cycles appear to correspond with widely separated terminators, while larger-amplitude cycles correspond to more narrowly separated terminators.

"[O]ur best estimate for the [sunspot number] amplitude of Solar Cycle 25 is 233 spots, with a 68% confidence that the amplitude will fall between 204 and 254 spots," the paper posits. "We predict with 95% confidence that the Cycle 25 amplitude will fall between 153 and 305 spots."

The researchers concede that their forecast is outside of the scientific consensus, based on different paradigms. "Over the coming months, as [Solar Cycle] 25 matures, it will become evident which of these paradigms is most relevant," the paper says. "Very early indications of the spot pattern are appearing at higher-than-average latitudes (~40°). Historically, high-latitude spot emergence has been associated with the development of large amplitude sunspot cycles -- only time will tell."

ARRL Podcasts Schedule

WHAT IS THIS??

ANSWER ON FOLLOWING PAGES, PROVIDING I DON'T FORGET??



Apparently Mac supports Windows



THINK ABOUT THIS..

**WHAT IF
KERCHUNKS
ARE ACTUALLY**



**MIMES
TRYING TO
USE THE REPEATER?**

How To Talk on the Telephone

When You Answer the Telephone

1. Pick up the handset. Hold the receiver part of it close against your ear and hold the mouthpiece about an inch in front of your mouth.
2. Say "Hello" or say your telephone number. Speak clearly, but don't shout. Talk into the telephone the way you would talk to someone face to face. Be polite and pleasant.
3. Sometimes the person who calls wants to speak to someone else at your house. Let's pretend you are Janie Allen, and Mr. Wright calls to talk to your Daddy. You and Mr. Wright know each other.
 - Mr. Wright says "Hello, Janie. May I speak to your Daddy?"
 - You say "Yes, Mr. Wright. I'll call him." Then you lay the handset down beside the base of the telephone. **Don't put it back in the cradle.** Next, you go find your Daddy and tell him that Mr. Wright wants him on the telephone. **Don't stand close to the telephone and yell "Daddy!"** That would hurt Mr. Wright's ear.
 - 4. When someone calls you, let the person who called end the talk. Of course, if someone talks on, and on, and on, you may have to say "I'm sorry, but I have to stop now. Thank you for calling."

When You Call Someone on the Telephone

1. Try to be sure you are calling the right number.
2. When someone answers, tell your name right away.
3. Perhaps the person who answers the telephone is not the one you are calling. Let's pretend you are Howard Allen and you want to talk to Bill Wright. Bill's mother answers the telephone, and you know her voice.
 - Mrs. Wright says "Summertime 5-3757."
 - You say "Hello, Mrs. Wright. This is Howard Allen. May I speak to Bill, please?"
 - 4. If Mrs. Wright says "I'm sorry, Howard. Bill isn't in," don't say "Oh," and hang up. Say "Thank you, Mrs. Wright. I'll call again. Goodbye."
 - 5. When you call someone, you are supposed to close the conversation when you are through. Then you say "Goodbye." And remember: don't talk on, and on, and on!



It's LIFELIKE! It's REAL! On this new 17" GE!

You'll feel it's real too, when you see the picture on this stunning new 17" GE! Clarity, detail, sharpness are breathtaking! You enjoy startlingly true-to-life TV, don't you? All the improvements combined exclusively in GE Black-Daylite Television.

Look, It's Lifelike! It's Life-size!

BLACK-DAYLITE TELEVISION

GENERAL ELECTRIC

SATELLITE LIST

Ps8et há 38 minutos

Tabela de Satélites FM - by PS8ET

Satélites / Ilustração	CH	TX	Subton	RX
SO-50 Saudi-OSCAR 50 (SaudiSat 1-C) NOTA: AO-27 - MESMAS FREQUENCIAS SEM O SUBTON.	0	145.850	74.4	Ativar
	1	145.850	67.0	436.805
	2	145.850	67.0	436.800
	3	145.850	67.0	436.795
	4	145.850	67.0	436.790
	5	145.850	67.0	436.785
AO-91 AMSAT-OSCAR 91 (RadFxSat/Fox-1B)	6	435.240	67.0	145.960,5
	7	435.245	67.0	145.960,5
	8	435.250	67.0	145.960
	9	435.255	67.0	145.960
	10	435.260	67.0	145.960
	11	435.340	67.0	145.880,5
AO-92 AMSAT-OSCAR 92 (Fox-1D) NORMANTE AS QUARTAS-FEIRA MODO - L/v : 1.267,350 / 145,880	12	435.345	67.0	145.880,5
	13	435.350	67.0	145.880
	14	435.355	67.0	145.880
	15	435.360	67.0	145.880
	16	145.880	88.5	435.890
	17	145.880	88.5	435.885
IO-86 Indonesina-OSCAR 86 (LAPAN-ORARI) AGENDAMENTO https://twitter.com/lapansat	18	145.880	88.5	435.880
	19	145.880	88.5	435.875
	20	145.880	88.5	435.870
	21	144.350	----	437.210
	22	144.350	----	437.205
	23	144.350	----	437.200
CAS-3H (LilacSat-2) RARAMENTE https://www.amsat.org/status/	24	144.350	----	437.195
	25	144.350	----	437.190
	26	437.490	141,3	145.900,5
	27	437.495	141,3	145.900,5
	28	437.500	141,3	145.900
	29	437.505	141,3	145.900
PO-101 Phillipines-OSCAR 101 (DIWATA-2) AGENDAMENTO https://twitter.com/Diwata2PH	30	437.510	141,3	145.900

junho-20

ANSWER TO "WHAT IS THIS?" JEFF N1AKN SAYS

Attenuator : 20 to 1000mhz , -30 to 100db

Got it on Ebay for \$10. No need to buy expensive products , there are multitudes of attenuators of all types out there .

SO THE QUESTION OF THE DAY IS..... IF IT IS A -30DB ATTENUATOR, DOES THAT MAKE IT AN AMPLIFIER??

MERIDEN AMATEUR RADIO CLUB

OFFICERS OF MARC

PRESIDENT.....W1YSM ED SNYDER
 VICE PRES.....KB1JL ERIC OLSSON
 SECT.....K1STM ANNE WEST
 TRES.....K1WJL DAVE SWEDOCK
 STATION A.M..K1RCT ROB CICHON

MEETINGS: NORMALLY
 7:30PM ON THE 2ND & 4TH THURSDAYS
 OF THE MONTH,
 UNLESS OTHERWISE POSTED,
 THE HOPE HILL ROAD FIREHOUSE / EOC
 143 HOPE HILL ROAD, WALLINGFORD
**ALL MEETINGS ARE CANCELLED
 UNTIL FURTHER NOTICE**

MAILING ADDRESS:
 MERIDEN AMATEUR RADIO CLUB
 POB 583, MERIDEN CT. 06450

CLUB NETS

6 MTR NET MONDAYS 8PM
 50.175MHZ N1ZN JIM

2 METER NET TUESDAYS 7:30PM
 147.36 /RPT NO PL K1TDO TODD

10 METER NET TUESDAYS 8PM
 28.375MHZ K1VDF JOHN

10/10 CASTLE CRAIG CHAPTER
 (CONCURRENTLY WQITH CLUB NET)
 28.375MHZ TUESDAYS 8PM N1API AL

2 METER TECH NET Thursdays 7:30PM
 147.360+, no PL (on non-MARC meeting nites)
 WEEKLY NET MODERATED BY VARIOUS
 AMATEURS WITH DIFFERENT TECHNICAL
 TOPICS AND Q&A SESSION

2 METER COFFEE CUP NET SAT 9AM
 147.36+ NO PL W1YSM ED
 (THIS HAS ALSO A SIMULTANEOUS
 SECONDARY NET OF SORTS THROUGH
 THE VIDEO TELECONFERENCING
 W1NRG JITSI SITE)

WEBSITE: (USE LOWERCASE)
www.w1nrg.com

FORUM / BBS:
www.w1nrg.com/forum/
 or go to website and follow links

CASTLE CRAIG 10-10 WEBSITE:
 go to www.w1nrg.com
 and follow the links

CLUB REPEATER W1KKF/R
 147.36MHZ +600 OFFSET
 NO PL TONE (OPEN REPEATER)

MEMBERSHIP ROSTER

AB1DQ	James Surprenant	22	N1BF	Patrick Dionne	21
AB1HB	Charlie Dudac	20	N1BRL	Bart Toftness	20
AF1HS	Art Fregeau	20	N1GNV	John Bartscherer	20
K1IIG	Steve Tripp	20	N1GY	Geoff Haines	21
K1JCF	Joe Farrell	20	N1HCA	Susan South	20
K1LHO	Mike Ash	20	N1KGY	Chuck Ayers	20
K1LYP	John Yusza	20	N1LES	Joe Murray	21
K1MMK	Mike MacKennedy	20	N1MOB	Dan David	20
K1MVM	Mike Macri	20	N1NAN	Helen Spokes	20
K1RCT	Rob Cichon	20	N1OKF	Bob Parisi	20
K1SCI	Stuart Isaac	20	N1OKR	Frank Ciccone	20
K1STM	Anne West	20	N1POP	Greg Ploski	24
K1TDO	Todd Olsen	20	N1QYB	William Wilecki Jr.	20
K1TGX	Jerry Molaver	22	N1YLN	Edward O'Lena	20
K1VDF	John Blevins	20	N1ZN	James Savage	20
K1WJL	Dave Swedock	20	NZ1J	Dave Tipping	22
KB1CIW	Bob Stephens	20	W1AJK	Andrew Kazimer	20
KB1EHE	Eric Knight	20	W1DQ	John Elengo	20
KB1FYL	Bob Carruthers	20	W1EDX	Paul Stasieluk	20
KB1HCC	Jonathan Winslow	20	W1KKF	Bill Wawrzeaniak	L
KB1IFZ	Elsie Mathews	20	W1KPS	Kevin Shields	20
KB1JL	Eric Olsson	20	W1LV	Steve Morley	20
KB1MFU	John Ramadei	21	W1NHS	Fred Ring	20
KB1SIT	Teresa Stephens	20	W1NNZ	William Kosche III	20
KB1SSN	Alex Dills	20	W1POP	Fred Liedke	21
KB1TJD	Gainne Jenkins	20	W1ST	Stephen Stimpson	20
KB1TMC	Clare O'Lena	20	W1UFO	Mike Cei	20
KB1YFJ	Glen Couture	20	W1XK	Stan Kugler	19
KC1DOY	Ted Renzoni	20	W1YSM	Ed Snyder	22
KC1GMD	Ralph Ring	20	WA1FFT	Ray Irwin	20
KC1HDB	Jeff Martin	28	WA1JKR	John Rogus	21
KC1HFO	John Stoidis	20	WA1SFH	Douglas Sharafanowich	20
KC1IIK	Scott Mowerson	20	WA1TRY	Rich Aubin	L
KC1IIL	Matt Mowerson	20Y	WA1ZVY	Jim Martin	20
KC1ISI	Kristin Olsson	20	WB1GGP	Jerry Shepard	20
KC1KQH	John Kasinskas	20	WB1GYZ	Bob Biancur	20
KC1MBG	Robert Luby	20	WB8IMY	Steve Ford	20
KC1PU	Bob Woodtke Jr.	21	WV2LKM	Steve Waldmann	20
KC1SA	Stephen Allen	21	W9OTW	Debbie Foss	20
KE1AU	Robert Kaczor	20		Ron Rogers	20
KE1AV	Dave Sanford	20			
KE1AY	Donald Mitchell	20			
KR1U	Bob Eslinger	20			
N1AKN	Jeff Dwyer	20			
N1API	Al Kaiser	20			

MEMBERSHIP STATS
 TOTAL MEMBERS.....85
 REGULAR(UNDER65).....41
 SENIOR(OVER 65).....41
 LIFE.....2
 STUDENT(UNDER 18).....1

CLUB DUES STRUCTURE (JAN-DEC)

UP TO 64 YRS OF AGE--\$20/YR
 SENIOR DISCOUNT 65 & UP--\$15
 ANY MEMBER WHO IS A LICENSED HAM,
 18 & UNDER WILL BE GIVEN FREE DUES.

KEY KLIX EDITOR DAVE SWEDOCK K1WJL
 CONTACT DSWEDOCK@GMAIL.COM
 203 235-8582

