



ZERO BEAT

Southeastern Massachusetts
Amateur Radio Association, Inc.
54 Donald Street
South Dartmouth, MA 02748



OUR 72nd YEAR

Volume 40, Issue 6

SEMARA W1AEC

June 2004

Westport MS Walk

The MS Walk in Westport that occurred on Saturday May 15 from 9 AM-2 PM. Seven Amateurs participated, six were SEMARA members; NIPSE-Mike is not a member.

KD1CY-Rob, Net Control

WA1FNM-Andy, TAC ID: Checkpt 1 (CP-1)

W1RJC-Rick, TAC ID: Checkpt 2 (CP-2)

W1EAV-Chris, TAC ID: Checkpt 3 (CP-3)

N1VUF-Brad, TAC ID: Rescue 1 (R-1)

N1XRS-Tony, TAC ID: Transport 1 (T-1)

N1PSE-Mike TAC ID: Transport 2 (T-2)

Rob-KD1CY, served as net control and was relieved at Net Control by **Rick-W1RJC**.

Since the 443.450-Westport Repeater was having problems, the net was run on the 443.800-Dartmouth Repeater with a cross band repeat function on 147.315 MHz.

Despite some technical issues, the net went very well. Information on the walkers' safety, where the walkers were located along the route and any supply issues were fed back to the event organizer by net control.

Andy-WA1FNM made sure that when all the walkers were past his checkpoint that all the material was picked up and ready to go for the MS Walk supply truck.

Rick-W1RJC, notified net control when the first walkers reached his location, when the bulk of the walkers reached his location and when the last walkers went through his checkpoint. Rick then relived **Rob-KD1CY** at net control.

Chris-W1EAV was first stationed at the 4-mile walk checkpoint and then moved to the 9-mile checkpoint. He asked for additional ice for the drinks for the walkers and Mike-



JENN (TONY'S FRIEND), TONY-N1XRS, RICK-W1RJC, AND TWO WALKERS FROM WESTPORT, JEN & PAULETTE BOUCHARD.

N1PSE delivered the ice.

Tony-N1XRS provided transport to a walker to checkpoint three and monitored the route for any lagging walkers and safety issues as did Mike-N1PSE.

Brad-N1VUF monitored in case of any medical issues. Brad is an EMT and was well trained to handle any medical issues at the walk.

When the walk was over, all hams enjoyed subs from D'Angelo's and a hearty thank you from the Walk organizers.

Special thanks to all those who participated in the walk! We're looking forward to more participation from SEMARA and SEMARA ARES in future walks going forward.

Submitted by **Robert Macedo, KD1CY**

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 54 Donald Street,
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ADVERTISING

Club members have one free non-
 commercial ad per month.

THE DEADLINE FOR
 SUBMITTING ARTICLES FOR
 PUBLICATION IS THE 15TH
 OF THE PRECEDING MONTH.

WEBSITE: <http://www.semara.org>
 E-MAIL: clubinfo@semara.org
 FISTS CW club no. is 10555

IT SEEMS TO ME ...

That it is a good idea to face our own mortality and plan for what happened after we are gone. Who will need to clean up your stuff? Your survivor has a hard enough job without having to deal with “helpful” people who just happen stop by to take “care” of things. We all have heard of horror stories that just should not have happened to someone who is grieving. Take time to think about the issues put forth by **Armand-W1BUG** here.

WHAT ARE YOUR WISHES AND WHO ELSE KNOWS?

BY **ARMAND AUGUSTINE-W1BUG**

What are your wishes for all that ham equipment, accessories, parts, and other equipment that you may have in the event of your sudden death? It may be helpful to your survivor to create a plan for the disposal of the equipment. A good way to do it is to first discuss it with your probable survivor, then record your wishes and put them into a sealed envelope. Tell your survivor where the envelope is kept so it can be found easily. (Unscrupulous people work fast when people are grieving over a death.)

Your survivor is now aware of your wishes, and your plan can be carried through. An inventory of your equipment and approximate selling prices (don't forget to upgrade prices periodically and keep them realistic) is a valuable tool in helping your survivor to avoid being taken advantage of by “self serving friends.”

If you wish to donate equipment to a club or association, discuss it with a club officer so they are aware of your desire. Donations to many associations can be tax deductible with receipts for the items. Be sure to inform your survivor that is also important to call whom-ever you have designated when the survivor feels ready to do so, and not before. Clubs or organizations that are bequeathed these kinds of

Roland-N1JOY forwarded an inquiry from some *Diman Regional Vocational Technical High School* (Fall River) students who would like to buy some equipment at an affordable price? You can contact, BCRA VP and Diman senior, **Alan-KB1JNJ** at kb1jnj@yahoo.com.

HAMMING AROUND

E9C10* How is circular polarization produced using linearly polarized antennas?

- A. Stack two Yagis, fed 90° out of phase, to form an array with the respective elements in parallel planes
- B. Stack two Yagis, fed in phase, to form an array with the respective elements in parallel planes
- C. Arrange two Yagis perpendicular to each other, with the driven elements in the same plane, fed 90° out of phase
- D. Arrange two Yagis perpendicular to each other, with the driven elements in the same plane, fed in phase

* From the Amateur Extra Class (Element 4B) Question Pool ANSWER - See page 7

2004 SEMARA OFFICERS

President

Donald Manley, N1PMB

Vice President

Charles Moszczenski, KB1FRL

Secretary

Ronald Silvia, WB1HGA

Treasurer

Scott Szala, W1EV

Trustees: (year term is up)

Edward Blouin, KA1AW (2004) - Chairman

Norman Riley, W1ATI (2005)

Andrew Reuter, WA1FNM

Board of Directors:

Ray Arruda, KB1EVX

David Dean, K1JGV



MEETING MINUTES

The Business Meeting was called to order May 6, 2004 at 7:01 p.m. by the President, **Donald Manley, N1PMB**. Thirty-six members were present.

The Vice-President, **Chuck Moszczenski, KB1FRL**, read the minutes of the Board meeting of April 22, 2004.

The Secretary's report (**Ron Silvia, WB1HGA**) with the correction of **Tony Duarte's** call N1XRS, the minutes of the April business meeting as they appeared in the May issue of *Zero Beat* was accepted.

The Treasurer's report (**Scott Szala, W1EV**) was accepted as read.

STANDING COMMITTEE REPORTS

Buildings and Grounds (**Andy Reuter, WA1FNM**)—The boiler has been shut down for the season. Problems were noted during the shut down. It cannot be turned back on until repairs are made.

Technical (**Tony Duarte, K1XRS**)—Two transmitters have been ordered, but the check has not been sent yet. **Bill Miller, K1IBR**, will assist with the installation, He is also working on the 100 W amplifier. There are some charred components

Activities (**Scott Szala, W1EV**)—The clam bake went well. The next event would be the lobster meal in July. Is the club interested? The price may need to go up. The chicken BBQ will be in August or September.

SPECIAL COMMITTEE REPORTS

Scholarship (**Larry Houbre, Jr., AA1FS**)—None.

Internet (**Larry Houbre, Jr., AA1FS**)—None.

Fleamarket (**Chairman needed**)—None.

Building (**Scott, W1EV**)—None.

Correspondence (**Charles Moszczenski, KB1FRL**)—Read a "1000 Miles per Watt" achievement award that was awarded to **Ron Silvia, WB1HGA**.

Ratifications—Four applications for membership were voted life members (see page 4 for details).

President's Comments (**Donald Manley, N1PMB**)—Thanks to all for the help at the clambake. A chairman is still needed for the fleamarket. There had been two recent silent keys: **Steve Spulock, N1DSN**; and **Ralph Morris, W1QUE**. **Joseph Rodrigues, N1BZZ** and **Louis Whitlow, WA1GDE**, have been recently

ill and are recovering nicely.

ARES Report (**Rob Macedo, KD1CY**)—A Red Cross communications test is planned for the first Wednesday of every month. The MS Walk is Saturday, May 15 from 9 a.m. to 2 p.m. Only a couple of people have stepped forward to help with communications, They need more help. The Boston and Waltham Chapters will likely be involved with the Democratic National Convention in Boston. Rob would like a couple of amateurs to go up to Waltham. We may want to staff our station to support the Red Cross.

Old Business—

*Tabled** The purchase of the 220 MHz radio equipment has been tabled until the repeater has been taken care of.

New Business—

*Passed:** Motion that the club appropriate up to \$200 for the parts needed by **Bill Miller, K1IBR** to fix the amplifier.

*Passed:** Motion to use the clubhouse for an Eastern Massachusetts ARES Advanced Workshop on Emergency Communications on August 28, 2004. This will be a hands-on session practicing the set-up of a station at a shelter. This will include a chicken BBQ that will cost about \$20.

*Passed:** Motion to appropriate up to \$250 to obtain the stone to finish the driveway. **Scott Szala, K1EV**, will take care of obtaining the stone.

*Passed:** Motion to purchase no new radio equipment, except for maintaining what we have. We need to prioritize the spending of money, not leaving out maintenance and preparing for the new building.

FOR THE GOOD OF THE CLUB—

Al Dulong, WB1FQP, asked when our new antenna was going up. The cell company has not yet sent the materials to put up on the tower.

Bob Kelley, K1KVV, reminded us that contributions to *Zero Beat* are encouraged to be sent in to editor@semara.org.

Bill Miller, K1IBR, mentioned that there was another *Zero Beat* at a radio club in Agawam.

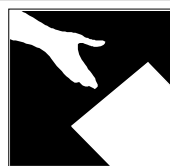
Larry Lazarov, KB1GSK, suggested that he do a tech talk on the handling of prisoners, in light of the recent problems in Iraq.

The meeting adjourned at 7:52 p.m.

Submitted by **Chuck Moszczenski, KB1FRL**, Vice President



* All motions accepted and passed by the members present.



CLUB NOTES

June is the month for a couple of significant events, such as the vernal equinox, the astrological start of summer, and the ARRL Field Day Contest, June 26-27. See <http://www.arrl.org/contests/rules/2004/rules-fd-2004.html>. Originally FD was supposed to showcase our ability as hams to communicate under "field" conditions that simulate an emergency. This month might be a good time for SEMARA to try to set up a "mains-free" station complex. We do have one of the world's finest rotating antennas! At least we could prove we can operate for a substantial period without commercial power! What say!?

Four applicants were voted life members of the club during the May 6, 2004 business meeting:

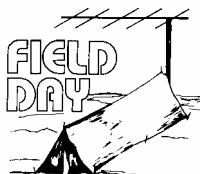
Margaret Gaffney, KA1BZE

Joann Martel, KB1LFZ

Ted Wright, N1OHV

August Angelick, no call.

Lindsey A. Ferreira successfully passed her Technician written exam at the May VE Exam on May 1.



RALPH MORRIS, W1QUE, SK

Ralph Morris, W1QUE, of New Bedford, first joined SEMARA in 1947. He entertained us as Margo the Magician. He died at age 86 on Wednesday, April 28, 2004 in St. Luke's Hospital.

Rest in peace, Ralph.



SEMARA EVENT CALENDAR

June 2004

3—**Business Meeting**, 7:00 p.m.

5—*VE Session*, 10:30 a.m.

10—Ragchewing, 6:30 p.m.

17—Tech Talk, "GPS Devices,"

Matt Vangel, KA1THM 7:00 p.m.

24—ZERO BEAT **folding party**, 4:30 p.m.

Ragchew at the clubhouse every Sunday at 7 - 11 a.m.
Drop by and enjoy a cup of coffee and donuts!

FISTS Spring Sprint

Four times a year, the FISTS Club has a 4 hour CW Sprint Contest to exchange numbers with as many members as possible using Morse code.

On Saturday, May 8, I decided at the last minute to enter SEMARA (W1AEC) FISTS number 10555 in the Club class. A few of the club members came by for coffee and donuts. I used the Kenwood TS-570 at 100 W and the Log Yagi beam. Making contacts was no problem, but hearing was hard (QRM). Some one said CW is dead! I think the rig could use a CW filter.

I did make 31 FISTS contacts for 155 QSO points and 19 different states for a multiplier of 19. So the final score was 2945. In past FISTS Sprints, this score would be in the top 5; who knows this time? It was a lot of fun anyway.

The next FISTS Sprint (Summer Sprint) will be July 10 from 1700 UTC to 2100 UTC (1:00 to 5:00 p.m.). I hope to have more members then. If not, I'll be having all the fun and donut, HI HI.

de Ed-WA1ZCB

Saturday Evening 10 Meter Net

SEMARA President, Don-N1PMB conducted the Saturday Evening 10 Meter Net from his portable Martha's Vineyard location at 8 p.m. EDT on 28.700 MHz on May 1.

He was participating in the NE QSO Party as well as other events that weekend.

Everyone is invited to check in and enjoy chewing the rag !

SEMARA News & Notes

Red Cross Test "75 Meter Gang"

On the first Wednesday of every month, a Red Cross Emergency Communications Test is run. The May 5, 2004 test was run from the SEMARA Club station **W1AEC** with **Rob-KD1CY** as net control, **Bob-K1KVV** as recorder and **Tony-N1XRS** as observer. The test ran from 7:00 to 7:37 p.m. EDT on 3943 kHz with 17 stations checking in.

The test began with a call-up of all the Red Cross Chapters in Massachusetts and Rhode Island. The Pioneer Valley (**Dave-KB1MU**, Wilbraham, MA), Central Massachusetts (**Dave-KA1JYW**, Milford, MA), and Cape Cod (**Jim-WA1KCC**, Hyannis, MA) Chapters checked in.

Next individual stations checked in with a majority from Connecticut.:

Wayne-N1CLV, East Lyme, CT
 Tom-K1ARC, New London, CT
Byron-K1YCQ, Somerset, MA
 Doug-W1EDJ, Lisbon, CT
 Bill-W1WJB, Ridgefield, CT
 Mark-KB1EKN, Hingham, MA
 Chuck-N1MIT/mobile, Greenwich, CT
 Bob-N1OCM, New Fairfield, CT
 Allen-W1AGP, New Britain, CT
 Paul-N1TUP, Manchester, CT
 Dave-K1DAV, Torrington, CT
 Bob-KB1EYZ, Bloomfield, CT
 Art-K1WMQ, North Haven, CT
 Dennis-K1VSG, Webster, MA

Next call-up is Wednesday, June 2 at 7 p.m

Bob-K1KVV.



**CLAMBAKE
 COOKS:
 SCOTT
 SZALA-
 W1EV AND
 ARLENE
 ARRUDA-
 KB1KGG**



75 METER GANG AT DAVY'S LOCKER: 23 APRIL 04

FRONT ROW: GLORIA VINCENT, BERNIE FORTIN, LYDIA RILEY, NORM RILEY-W1ATI, AND LORETTA MIDIRSKI

BACK ROW: JOE FORTIN-K4KTZ, RAY DICKINSON-N1BBJ, JOAN DICKINSON-KA1RJO, BILL VINCENT-W1POW, RAY ARRUDA-KB1EVX, JOE MIDIRSKI-W1EKW.

I am probably a little remiss in calling it the 75 meter gang in that we have been on 20 meters at times. It is just several club members who get on SSB Monday thru Friday at 7:30 to 8:00 and it is a rag chew open net. Any one is invited to join at any time. There are a few skip stations that join us on a regular basis.

It was one of those stations N1BBJ and his wife WA1RJO from CT that stimulated us into a get together when they visited us. It was decided on the air to have an Eye-Ball and Davy's Locker was picked.

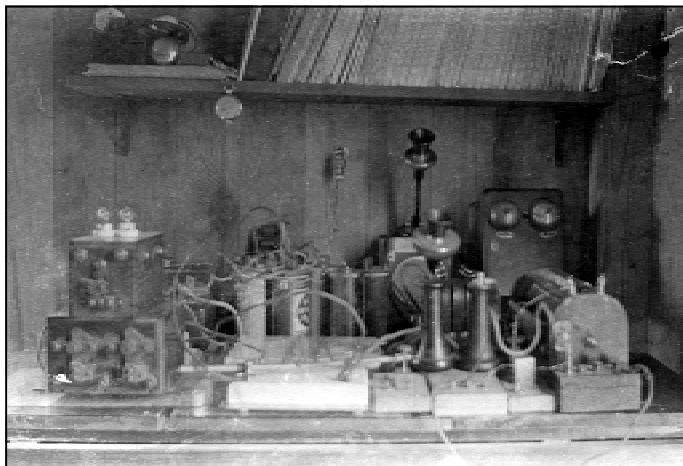
If and when a few to several move out of range for the winter such as Florida we do go on 20 Meters

Submitted by **Norm-W1ATI**

Regarding editing mistakes, we put at least one error in every issue - just to see if you are paying attention.

Bob-K1KVV, Editor

More News & Notes



HERE IS A 1916 PICTURE OF THE RADIO SHACK OWNED BY RAYMOND PETTEY OF 100 OLD WESTPORT ROAD IN DARTMOUTH. AT THE TIME OF THE PICTURE HIS CALL WAS 1KK. IN LATER YEARS HE HELD THE CALLS 1SY AND AFTER 1928 W1SY.



STORAGE CONTAINER DELIVERY DAY
MONDAY MAY 10

(ABOVE) 40 FT STORAGE TRAILER SET DOWN ON BEAM

(BELOW) PETE RYDER-KB1GPL, BILL MILLER-K1IBR, ANDY REUTER-WA1FNM MAKING FINAL ADJUSTMENTS TO PLACEMENT ON BEAM



How Low Can You Go?

Recently, Ron Silvia-WB1HGA was messing around with mouse power at the SEMARA clubhouse and came away with a great award.

Ron borrowed WA1XCB's "mighty mouse" RockMite transceiver, capable of 1/2 W output. Ron hooked up with station W4WYD in Paris, TN. Paris, TN is 1018 miles as the crow flies, resulting in a successful contact with an overall efficiency of 2036 miles per watt. Less is more!

The QRP ARCI club offers awards for contacts of 1000 miles per way and over. Ron is the first to do so at the club station.

So folks the challenge is out there now. How long will Ron be able to hold on to this club record? Let's not let Ron get lonely as the sole owner of this club achievement. Better yet, let's see if anyone can top this by year's end.

BTW Ron, congratulations; but keep looking over your shoulder. We're coming to snatch the record from you.

de Ed-WA1ZCB



Eastern Mass. ARES will pilot a new *Advanced Emergency Communications Workshop* and SEMARA is to be the first location for this workshop. We will do it on *Saturday August 28th, 2004*. We

have to get the publicity rolling on this now.

We are currently working on the curriculum but the tentative curriculum is as follows:

Practical Applications of EchoLink and IRLP in ARES/RACES/SKYWARN; Practical Applications of Digital Modes/Packet Radio in ARES/RACES/SKYWARN; Advanced NTS Workshop (Rules and Flow of a NTS Net, How to do Net Control and a Sample NTS Net); How to Operate at a EOC (Have Hams setup at the SEMARA Radio Room like it was an EOC); How to setup a station at a shelter or other temporary location (i.e., effective usage of go-kits)

As we did with last year's workshop, preregistration is required so that we can get a good head count for the food.

73, Rob-KD1CY

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Members' SIMPLEX* EchoLink Nodes

CALL	FREQ	PL	NODE
WB1HGA	147.440 simplex	71.9	2061
KB1HGJ	145.520 simplex	123.0	4722
N1XRS	146.595 simplex	141.3	8998

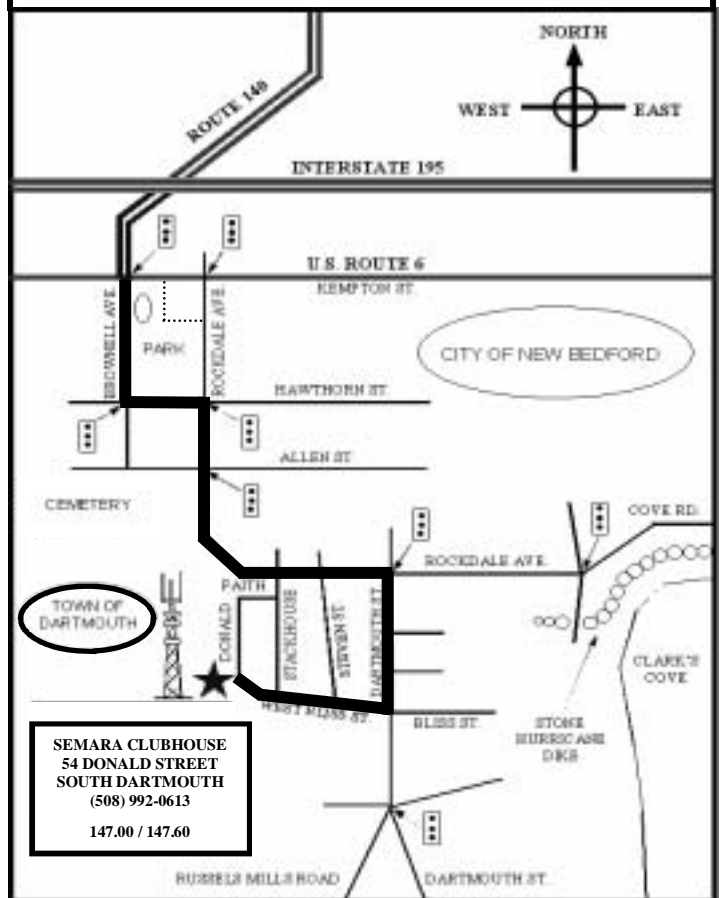
Send updates to: editor@semara.org

*Repeater nodes: see page 8.

June VE SESSIONS

- 10 Providence, RI, 7:00 p.m.**
Judy Nelson, KC1RI
401-231-9156
- 12 Falmouth, MA, 9:00 a.m.**
Joanne Reid, N1LNE
508-548-1121
- 17 Norwood, MA, 7:30 p.m.**
Richard Cantin, AA1TI
508-339-1089
- 19 W. Warwick, RI, 9:00 a.m.**
Thomas Senerchia, KA1VAY
401-822-2592
- 21 Fall River, MA, 7:00 p.m.**
Skip Denault, KB1CNB
774-644-3469

Directions to SEMARA



SEMARA CLUBHOUSE
54 DONALD STREET
SOUTH DARTMOUTH
(508) 992-0613
147.00 / 147.60

FLEAMARKETS

- 5 June—Windsor CT—Vintage Radio Museum**
John 860-673-0518
- 12-13 June—Newington CT**
NARL—Dan 860 206 3379
- 20 June—Cambridge MA**
FLEA at MIT—Nick 617-253-3776

C. Arrange two Yagis perpendicular to each other, with the driven elements in the same plane, fed 90° out of phase

SEMARA NET DIRECTORY

--- **RAGCHEW** ---
Sat - 8 p.m. & **Sun** - 8 a.m. 28.700 USB
Daily - 7 p.m.

--- **SEMCARES NET** ---
 1st Sunday each month at 7:30 p.m.
 145.490- (Fairhaven)

SWAP NET — Mondays at 7:30 p.m. on 147.000+

NEXT SEMARA VE SESSION

JUNE 5, 2004
10:30 A.M. @ CLUBHOUSE
LARRY HOUBRE, JR., AA1FS
508-991-6055

LOCAL REPEATER DIRECTORY

Frequency	CTCSS	Call	Location	Frequency	CTCSS	Call	Location
144				440			
145.150 -	123.0	WA1DGW	Fall River	441.400 +	100.0	WG1U	Plymouth
145.490 -		KD1CY*	Fairhaven	442.200 +	88.5	N1NRL	Fall River
146.655 -	88.5	WA1GPO	Falmouth	442.600 +	100.0	K1LIQ	Tiverton, RI
146.685 -		W1LM	Plymouth	443.450 +	88.5	K1MYL	Westport
146.700 -		K1CR	Cranston, RI	443.500 +	141.3	K1PBO	Barnstable
146.730 -		W1SGL	Sandwich	443.600 +		NS1N	Norwell
146.760 -		W1HQV	Scituate, RI	443.800 +	88.5	W1RJC*	Dartmouth
146.955 -	88.5	K1PBO	Dennis	444.200 +	118.8	N1YHS	Bourne
147.000 + SEMARA	67.0	W1AEC	Dartmouth	444.250 +	141.3	WA1GPO	Falmouth
147.135 +	67.0	ND1N	Taunton	444.350 +	88.5	W1ACT	Fall River
147.180 +	67.0	W1MV	Bridgewater	444.550 +	88.5	W1MV	Bridgewater
147.345 +	88.5	KB1QL	Vineyard	447.075 -	88.5	N1DZD	Kingston
* Nodes: IRLP=4617, EchoLink=142790				* Nodes: IRLP =4259, EchoLink=4259			

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SEMARA

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