

# ROBOT

## SSTV NEWSLETTER

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### SSTV TO BE FEATURED ON APOLLO-16

SSTV will be in operation aboard the prime recovery ship U.S.S. Ticonderoga during the Apollo-16 mission, now scheduled for mid-April. The Navy MARS team plans to establish a network of stations capable of two-way SSTV, receiving and recording Apollo-16 liftoff pictures, pre-recovery activities, and actual splashdown.

Special QSL's will be printed and sent to all stations worked and who monitor the transmissions, according to NØEHP/KH6GLU, Edward W.H.R. De Young, special SSTV assistant to the MARS director, 14th Naval District, Pacific. Participating stations in the volunteer network to date include: KH6DEH, W4LAS, KH6NR, KH6HJF, KH6BAS, WA6NNC/KH6, K4HPR, WB6QWC, WA7MOV, ZL1DW, WB6ZYE/NØRUH, and KH6IJ.

Tentative operating frequencies are 14265/7220 as prime, 14230/7205 as alternates in the ham-bands, and 13927.5. Those wishing to participate should contact De Young at 1617 Young Street, No. 303, Honolulu, Hawaii 96814. Just say, "Hanole Makahiki Ho!"

### LAST CALL FOR FIRST SSTV DIRECTORY

April 15 has been set as the deadline for getting your call listed in the first Directory of active SSTV'ers. If you are on SSTV, and haven't done so already, send your call to Robot Research. You'll be included in the forthcoming Directory and receive a free copy when it is published. To date, the calls of 425 active SSTV'ers are on file, 332 domestic and 93 outside the U.S. Don't be left out of this historic document!

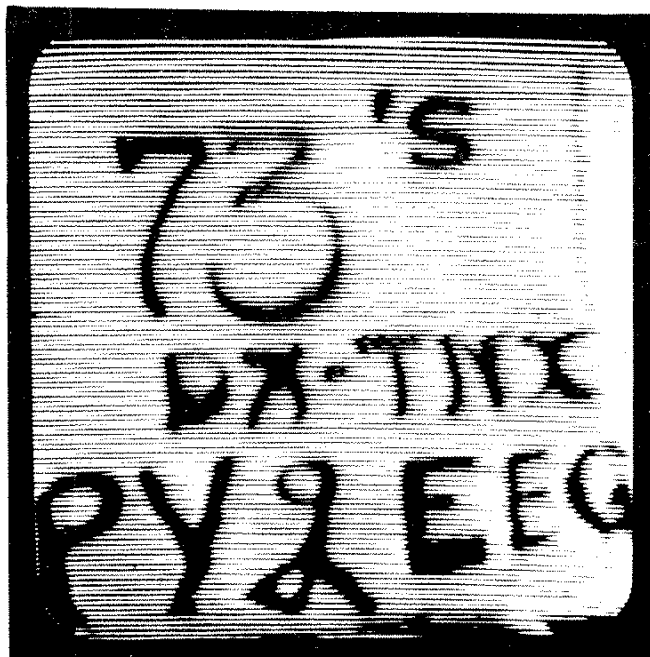
### MORE NEW OVERSEAS STATIONS ON SSTV

More new overseas slow-scanners are popping up every day. OK100 (Franta) writes that there are now four active SSTV'ers in Czechoslovakia including: (besides himself) OK1GW, OK1AHH, and OK1AOE.

One of many SSTV pictures from all over the world received in Belgium by ON4DN (Guy) is reproduced below. Also included in his log are: 9Q5BG, CT1PG, VK6ES, IIBNT, and FG7XT, not to mention W1VRK, WB4OVX, W4LAS, KH6HJF, WB6LXS, KH6BAS, WB6SMG, VE2DZ, K9BTU, K8LUI, VE4CG, WB4PWR, and W3KAU.

SSTV in Italy has been given a boost by the Second Annual World Wide SSTV contest recently sponsored by CQ Elettronica magazine. Recent new slow-scanners there are known to include: IIBNT, IICAM, IIKG, IIMY, and IIROL, not to mention long-time SSTV'er IILCF (Franco).

The Netherlands now boasts two slow-scanners: PAØLAM and PAØMAC, Brazil two: PY2EEG and PY6ADZ, Sweden three: SM5DAS, SM5RQ and SMØBUO, and New Zealand three: ZL1AOY, ZL1DN and ZL1DW. Holding the fort as the only known SSTV'ers in Japan and the U.S.S.R. respectively, are JA3AER, and UW6LC.



## HOW TO ADJUST THE MODEL 80 CAMERA TO PRODUCE HIGH CONTRAST PICTURES

The greatest difficulty of the SSTV newcomer is that he tends to transmit low contrast pictures. This problem can be overcome by adhering to the following instructions:

1. Set the Model 70 Monitor CONTRAST control to nine o'clock.
2. With the camera BRIGHTNESS control fully CCW, adjust the monitor BRIGHTNESS control until the trace on the tube is barely visible. The monitor is now calibrated and can be used to judge pictures from the camera. Note these positions of the monitor controls and you can return to them each time you use the camera.

Note that the above instructions represent a change from those given in the Model 80 camera instruction book. To correct your instruction book, change paragraph 3.3(c) to read, "CONTRAST to 9 o'clock," from "CONTRAST to 12 o'clock."



## SSTV'er WORKS 42 COUNTRIES

W8YEK (Gene) writes that he has worked 42 countries on two-way SSTV. They are:

SM4AMM	OZ4IP	KH6DEH
VK5MF	4M2BC	9Q 5BG
F6AXT	PZ1DA	4X4VB
FG7XT	CT1PG	KX6DR
LU7AAG	DJ0CN	HK7XI
GW3DZJ	PA0LAM	EA8CI
VE6RM	XW8AX	XE3DX
EA4DT	PY2EEG	IS1GF
ZL1AOY	KP4GN	HA7LF
ON4DN	YN3RBD	VP9GR
LA3SG	HR3HH	EL2CB
6Y5PB	K5JHP	SV1AB
G5ZT	ZS3B	9K2AM
ZS6UR	I1LCF	KL7DRZ

Gene also writes that he's worked 40 states on two-way SSTV. Anybody beat that?



## 73 MAGAZINE TO PUBLISH SSTV COLUMN

73 Magazine will shortly begin publication of a monthly column covering SSTV news and notes. Editor will be W4TWJ, David Ingram. For inclusion in these forthcoming news columns, send material to Ingram at: Eastwood Village, No. 50 North, Route 11, Box 499, Birmingham, Alabama 35210.



## FIRST SSTV'er IN PORTUGAL

CT1PG (Jorge) writes that his station has just received the first permit to work SSTV in Portugal. Frequencies and power are those allowed for Class C (General) in his country, and the renewable permit is valid for six months.

## COLOR SSTV FEATURED IN KODAK NEWSLETTER

The January 13, 1972, issue of Kodakery, the Eastman Kodak Company's newsletter, features the activities of W2DD (Bill) with pictures of his equipment and headline, "EKer's Color Amateur TV First."

The report states that, to Bill's knowledge, he is the first amateur to exchange two-way color SSTV on an intercontinental basis. He transmitted a picture of a red cardinal to a contact in South Africa, and had the picture relayed back to him, the article reports.

Color SSTV is transmitted in a frame-sequential mode, one frame for each of the three primary colors. It is recorded photographically the same way, with a different color filter for each frame, all exposed on color film.

Bill states that he knows of only six other amateurs working with color SSTV. Anyone else?

## SSTV DEALERS LIST GROWS

A growing number of amateur radio dealers now stock and display ROBOT SSTV equipment. See SSTV at the dealer nearest you:

- |  |  |
|--|--|
| Birmingham, Ala. 35233<br>James W. Clary Co.<br>1713 Second Avenue, S.<br>205/322-2486   | Dayton, Ohio 45404<br>SREPCO<br>314 Leo Street<br>513/224-0871                                 |
| Anaheim, CA 92804<br>Henry Radio Co.<br>931 North Euclid<br>714/772-9200                 | Trevese, Pa. 19047<br>Hamtronics<br>4033 Brownsville Road<br>215/357-1400                      |
| Los Angeles, CA 90064<br>Henry Radio Co.<br>11240 W. Olympic Blvd.<br>213/272-0861       | Fort Worth, Texas 76110<br>Ed Juge Electronics<br>3850 South Freeway<br>817/926-5221           |
| Oakland, CA 94607<br>Amrad Supply<br>1025 Harrison Street<br>415/451-7755                | Spokane, Wash. 99206<br>HCJ Electronics<br>E. 8214 Sprague<br>509/924-2343                     |
| Denver, Colo. 80202<br>CW Electronic Systems<br>1401 Blake Street<br>303/244-5523        | Milwaukee, Wis. 53216<br>Amateur Electronic Supply<br>4828 W. Fond du Lac Ave.<br>414/442-4200 |
| Miami, Fla. 33137<br>Amateur Radio Center, Inc.<br>2805 NE Second Avenue<br>305/374-4101 | Asheville, N.C. 28801<br>Freck Radio Supply<br>38 Biltmore Avenue<br>704/254-9551              |
| Honolulu, Hawaii 96803<br>Honolulu Electronics<br>819 Keeaumoku Street<br>808/949-5564   | Cleveland, Ohio 44112<br>Amateur Electronic Supply<br>17929 Euclid Avenue<br>216/486-733Q      |
| Reading, Mass. 01867<br>Graham Radio Company<br>505 Main Street<br>617/944-4000          | Baltimore, Md. 21211<br>Amateur Radio Center<br>1117-19 W. 36th Street<br>301/889-5214         |

(Continued from page 3)

Muskegon, Mich. 49441  
Electronic Distributors, Inc.  
1960 Peck Street  
616/766-3196

St. Louis, Mo. 63132  
Ham Radio Center  
8342 Olive Blvd.  
314/993-6060

New York, N.Y. 10012  
Barry Electronics  
512 Broadway  
212/925-7000

Wheaton, Md. 20902  
Electronics International  
Service Corp.  
11305 Elkin Street  
301/946-1088

Butler, Mo.  
Henry Radio  
816/679-3127

Las Cruces, N.M. 88001  
Mannies Electronic and  
Photo Supplies  
802 South Solano  
505/524-3646

Cincinnati, Ohio 45231  
Queen City Electronics  
1583 McMakin Avenue  
513/931-1577

Portland, Oregon 97205  
Portland Radio Supply  
1234 S.W. Stark Street  
503/228-8647

Pittsburgh, Pa. 15222  
Cameradio Company  
2801 Liberty Avenue  
412/391-7400

Houston, Texas 77002  
Madison Electronics Supply  
1508 McKinney Avenue  
713/224-2668

**EXPORT AGENT:**

Chicago, Illinois 60645  
E. D. Magnus & Associates Inc.  
5715 North Lincoln Avenue  
Cable ULLMAG, Telex 253503

**Canada**

Fredericton, N.B.  
Audio Electronics Ltd.  
79 Prospect Street  
506/454-3380

Montreal, Quebec  
Payette Radio Ltd.  
730 St. Jacques  
514/866-6681

Toronto, Ontario  
VE Amateur Radio  
3768 Bathurst Street  
(Downsview)  
416/636-3636



**ROBOT RESEARCH INC.**  
7591 Convoy Court  
San Diego, California 92111  
U.S.A.  
Phone 714-279-9430