



## *Field Engineering Bulletin 19C*

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### SINGLE SIDEBAND TRAINING PROGRAM

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TRAINING CENTER

● COURSE NO. 1

Detailed study course covering theory, design, and operation of sideband Receivers Transmitters, Exciters, Converters, Synthesizers and Test Equipment.

● COURSE NO. 2

Maintenance and operation of synthesized sideband receivers.

● COURSE NO. 3

Maintenance and operation of high power synthesized sideband transmitters.

The Training Center is in a separate 5000 square foot building situated in a quiet country atmosphere in West Nyack, New York along the New York Thruway, 17 miles west of New York City.

Four classrooms, each equipped with the latest communication equipment and test equipment are staffed by personnel with many years of electronic teaching experience. An auditorium is included for large group addresses, graduation ceremonies, etc.

Course No. 1 is of four weeks duration and covers detailed analysis of single sideband theory and application techniques. An outline of this course is available on request.

Courses 2 and 3 are designed to train operators and maintenance personnel in the theory of operation, proper maintenance procedures and troubleshooting techniques for synthesized single sideband transmitters and receivers. These two courses are of two weeks duration and include but are not limited to the following:

TMC Model SBG-1B (AN/URA-30B) Sideband Generator

TMC Model SBE-8, SBE-9, SBE-10 Single Sideband Exciter

TMC Model DDR-5 (AN/FRR-60(v)) General Purpose Communications Receiver (Diversity and Non-Diversity Configurations)

TMC Model DDR-5K (AN/FRR-74) 4 Channel AGC Communication Receiver

TMC Model SBC-1, SBC-2, (AN/URA-42A) Sideband Converter

TMC Model GPT-10K (AN/FRT-39(), AN/FRT-52()) 10 kw General Purpose Radio Transmitter

TMC Model GPT-40K (AN/FRT-40(), AN/FRT-54()) 40 kw General Purpose Radio Transmitter

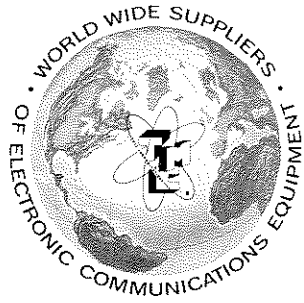
TMC Model GPT-750 (AN/URT-17A, AN/FRT-55) 750 watt General Purpose Radio Transmitter

TMC Model SBT-1K (AN/URT-19(v)) 1000 watt General Purpose Radio Transmitter

This facility is open to any governmental or commercial agency desiring to obtain detailed training for personnel involved in the operation and maintenance of SSB equipments.

Adequate lodging is available and local transportation to and from the training center is provided at no cost to the student.

Detailed information as to the time of scheduling for any individual course is periodically published as addenda to this bulletin or can be obtained by phone, area code 914 698-4800, or by writing to the Director of Engineering Services, The Technical Materiel Corporation, 700 Fenimore Road, Mamaroneck, New York 10543.



ADDENDUM NO. 1

## *Field Engineering Bulletin 19C*

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### SINGLE SIDEBAND TRAINING PROGRAM

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#### SCHEDULE



. COURSE NO. 1

Detailed study course covering theory, design and operation of synthesized sideband communications receivers, transmitters, exciters, converters, synthesizers, and test equipment.

. COURSE NO. 2

Maintenance and operation of synthesized sideband receivers.

FOUR WEEK PERIOD COMMENCING:

15 August 1966  
12 September 1966  
10 October 1966  
7 November 1966  
2 January 1967

. COURSE NO. 3

Maintenance and operation of high power synthesized sideband transmitters.

Courses 2 and 3 are designed to train operators and maintenance personnel in the theory of operation, proper maintenance procedures and troubleshooting techniques for:

TMC Model DDR-5 (AN/FRR-60(v)) General Purpose Communications Receiver (Diversity and Non-Diversity Configuration)

TMC Model GPT-10K (AN/FRT-39( ), AN/FRT-52( )) 10 kw General Purpose Radio Transmitter

TMC Model GPT-40K (AN/FRT-40( ), AN/FRT-54( )) 40 kw General Purpose Radio Transmitter

These courses are of two weeks duration and commence on the following dates:

5 July 1966  
1 August 1966  
15 August 1966  
29 August 1966  
12 September 1966  
26 September 1966  
10 October 1966  
24 October 1966  
7 November 1966  
21 November 1966  
5 December 1966

This facility is open to any governmental or commercial agency desiring to obtain detailed training for personnel involved in the operation and maintenance of SSB equipments.

Detailed information can be obtained by phone, area code 914 698-4800, (Washington, D. C. area call 737-4988) or by writing to the Director of Engineering Services, The Technical Materiel Corporation, 700 Fenimore Road, Mamaroneck, New York, 10543.



## THE TECHNICAL MATERIEL CORPORATION

CABLE "TEPEI"

TWX 710-566-1100

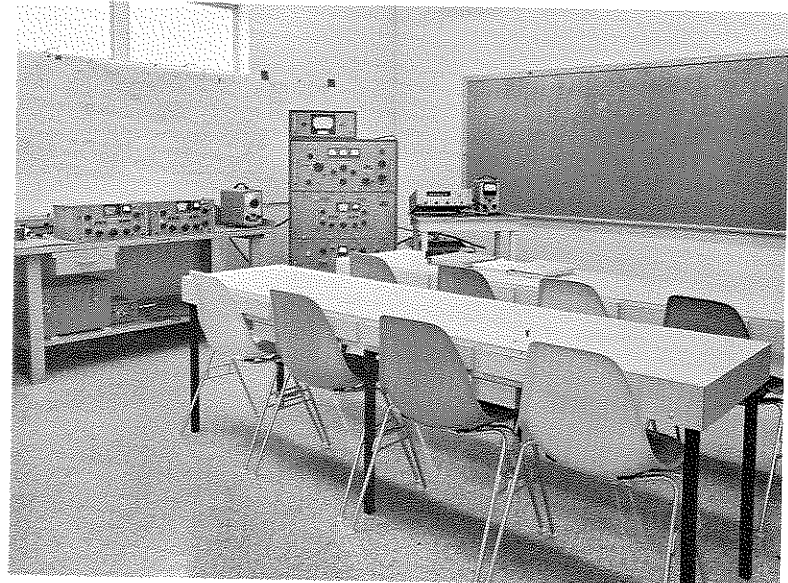
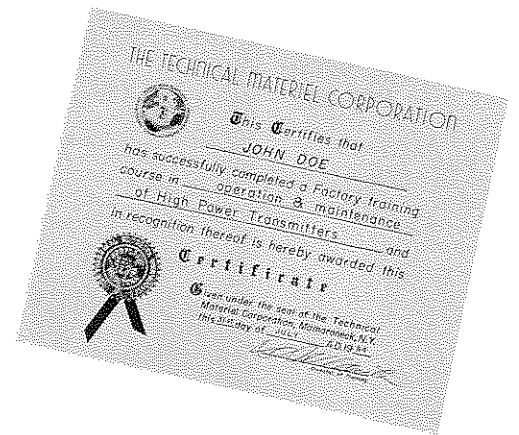
MAMARONECK, N. Y. 10543

THE WORLD-WIDE SYSTEM OF REMOTE CONTROLLED COMMUNICATIONS

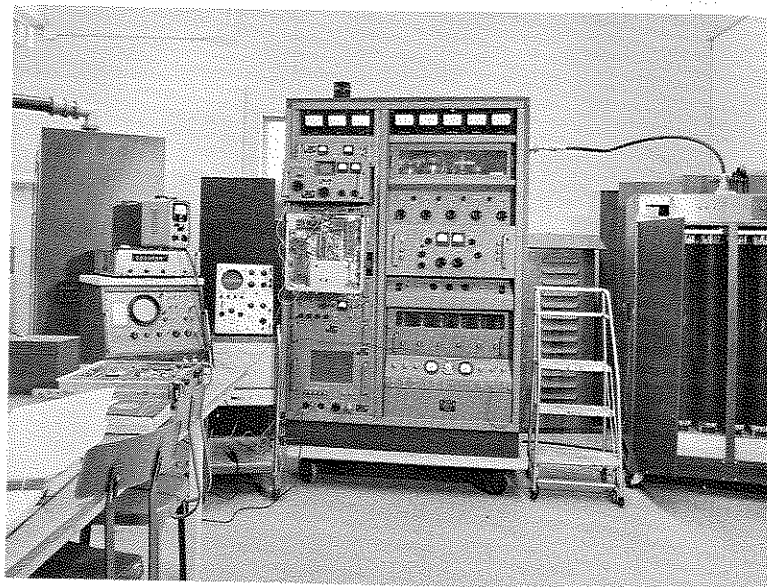
and Subsidiaries ALEXANDRIA, VIRGINIA • TEMPE, ARIZONA • SAN LUIS OBISPO, CALIFORNIA  
POMPAÑO BEACH, FLORIDA • OTTAWA, CANADA • LUZERN, SWITZERLAND



AUDITORIUM

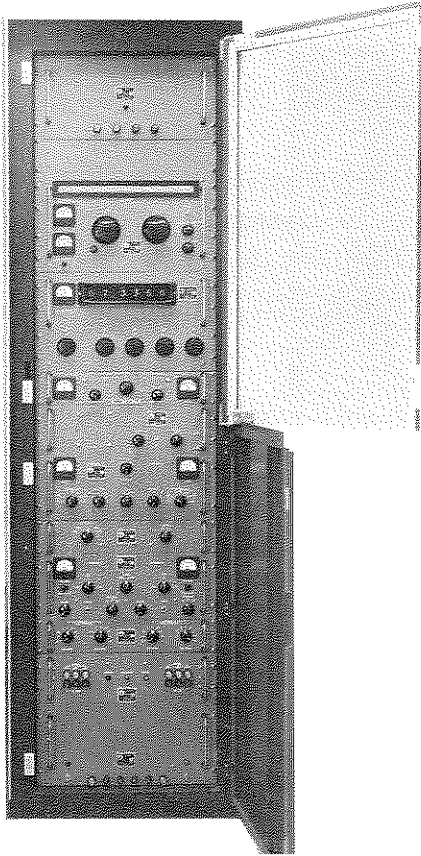


SSB COURSE ROOM

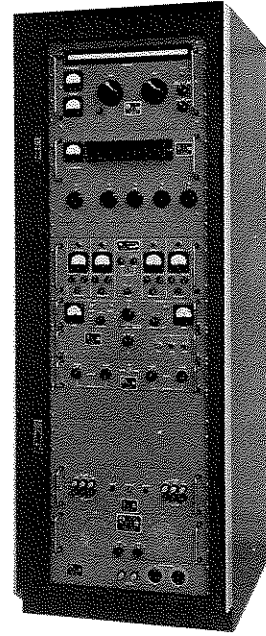


TRANSMITTER ROOM

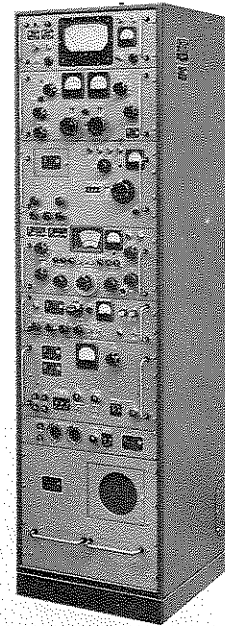
TMC MODEL  
DDR-5BR



TMC MODEL  
DDR-5K  
(AN/FRR-74)



TMC MODEL GPT-10K-R (AN/FRT-39F)  
GENERAL PURPOSE TRANSMITTER



TMC MODEL SBT-1K-S  
SIDE BAND TRANSMITTER (AN/URT-19(v))

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# THE TECHNICAL MATERIEL CORPORATION

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THE WORLD-WIDE SYSTEM OF REMOTE CONTROLLED COMMUNICATIONS

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