

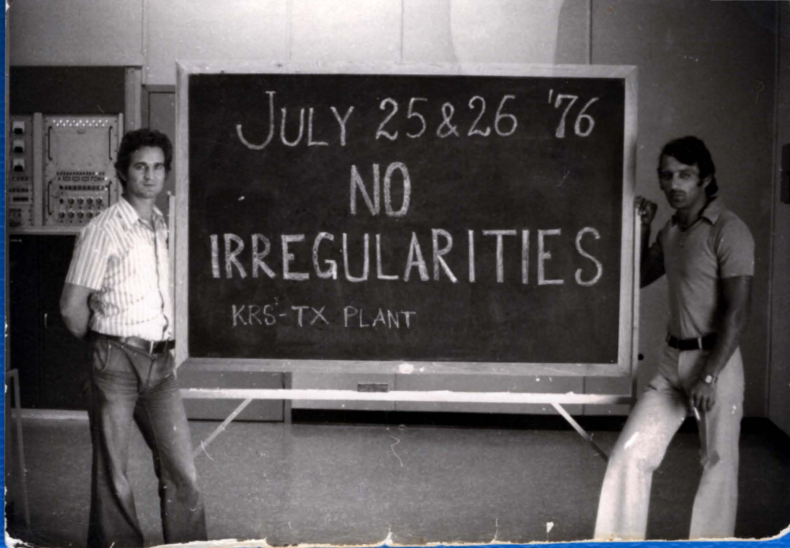
# Living at VOA Kavala Greece Relay Station

This documented account of living and working at the VOA Kavala Greece Relay Station, KRS, was graciously donated by two long term employees: Darrel Duckworth and George Tsataltzions.

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# ***A WARM WELCOME TO KAVALA RELAY STATION***

*This brochure provides some information concerning Kavala Relay Station and its operations so that you can become more comfortable in your assignment here. We hope you enjoy your new home and welcome you as a member of the KRS family!*



*Welcome to the nest!*



## **THE COUNTRY**

*Greece, both a mountainous and an archipelagic country, is bordered on the north by Bulgaria, Yugoslavia and Albania; on the east by Turkey and the Aegean Sea; and on the south and west by the Mediterranean and Ionian Seas. The land area, including the islands, is about the size of Alabama. Only 25% of the land is arable, and much of that is dry and rocky.*

*Greece's population is over 10 million; 4.3 million live in Athens, and 1 million in Thessaloniki. About 28% of the populace works on farms. However, with continuing exodus from villages to urban areas as Greece's economy develops, this percentage may decline. About 30,000 Americans reside in the Athens area. Some are retired Greek-Americans, others represent private business firms. A large number of U.S. and Northern European tourists visit Greece during the summer.*

*Greece's climate is comparable to the climate in the U.S.' southern states. In winter (December through February) temperatures reach the 30's and low 40's, with a few days of below-freezing weather. Northern Greece gets its rain in winter and early spring. In summer (June through August) temperatures range in the 70's and 80's, with only a few days over 90 degrees Fahrenheit.*

*Greek Orthodox is the predominant religion, claiming a 98% following.*

*Under the 1975 Constitution, Greece is a parliamentary democracy with a President as Head of State, a Prime Minister as Head of Government, and a 300-seat Parliament. Voting is mandatory. Democracy was restored in Greece in 1974, following the collapse of the seven-year military junta. Major parties include New Democracy, currently in power, the center-left Panhellenic Socialist Movement (PASOK), and the Greek Communist Party (KKE).*

*Greece is a member of the European Community, NATO, the Council of Europe, and the United Nations.*



# GREECE





## THE SETTING

*Voice of America's Kavala Relay Station is located in mainly an agricultural area in the northeastern part of Greece, 500 miles by road from Athens and 150 miles from Thessaloniki.*

*The nearest population center of significant size is XANTHI, located 20 miles north of the Station. Xanthi is a militarily strategic center whose old section, built up the hillside and crisscrossed by flagstoned lanes, still contains two working monasteries and quaint traditional homes with wrought-iron balconies and red-tiled roofs. Xanthi's old and new mingle in a harmonious blend, as does the ethnic and religious diversity of its 40,000 inhabitants: 80% Christian and 20% Muslim.*

*The Relay Station's namesake, KAVALA, is located 45 miles from the Station's headquarters via a road which crosses the Nestos River and passes through scenic farmland, with a backdrop of rugged mountains. With a population of about 70,000, Kavala is a mixture of traditional and modern. Its seaport accommodates light shipping, and fishing boats operate from there. It is a popular tourist city, with a picturesque old quarter, Byzantine fortress and Roman aqueduct.*

*A few miles from Kavala are the ruins of the ancient city of PHILIPPI, named by Alexander the Great in honor of his father. Portions of St. Paul's first churches in Europe still remain on the site where St. Paul preached his first sermon in Europe. The ancient theater of Philippi continues to be used during the summer for cultural programs.*

*The island of THASSOS provides a popular summer day's outing for Station residents. It is reached by a 45-minute drive to Keramoti plus a 30-minute ferry ride. In addition to its beautiful sandy beaches and tourist souvenir shops, Thassos is the site of an ancient city with some marble ruins and monuments still remaining.*





*THE SETTING*  
*AGRICULTURE*

*Dying Scene*  
*Tractor is replacing*  
*the cart and horse*



*Staff of Life:*

*Wheat*



*Rice*

*and...*





*THE SETTING*  
*AGRICULTURE*

*...Corn*

*Harvesting Combine*



*Drying*



*Storage Silo*





*THE SETTING*  
*AGRICULTURE*

*Red Peppers*



*Sunflowers*



*Grapes*





***THE SETTING***  
***AGRICULTURE***

*Cotton Picking*



*Tobacco*  
*Growing*

*and*



*Drying*





***THE SETTING***  
***AGRICULTURE***

***...Corn***

***Harvesting Combine***

***Drying***



***Storage Silo***



***THE SETTING***

***AGRICULTURE***

*Dying Scene  
Tractor is replacing  
the cart and horse*



*Staff of Life:*

*Wheat*



*Rice*

*and...*







***THE SETTING***  
***ANIMALS***

***Parading Sheep  
and Goats***



***Strutting  
Geese***



***Contented Cows***





## ***THE SETTING***

### ***LIFE IN NEIGHBORING VILLAGES***

***Garbage Collector,  
Magana***

***Ice Cream, Snacks,  
Etc. at Corner Kiosk,  
Vafeika***



***Coffee Break,  
Paradeisos***





***THE SETTING***  
***GREEKS PLAYING***

*Cards*



*Backgammon*

*Music*







***THE SETTING***

***GREEK ORTHODOX  
CHURCHES***

*Erasmion*



*Evlalo*



*Petinos*



***THE SETTING***

***CHURCH FUNCTIONS***



***Marriage***



***Baptism***





## ***THE SETTING***

### ***ISLAMIC PRESENCE***

*Lofty Lodgings atop  
Mosque's Minaret,  
Genisea*



*Muslims Gathering  
after Saturday  
Shopping,  
Xanthi*





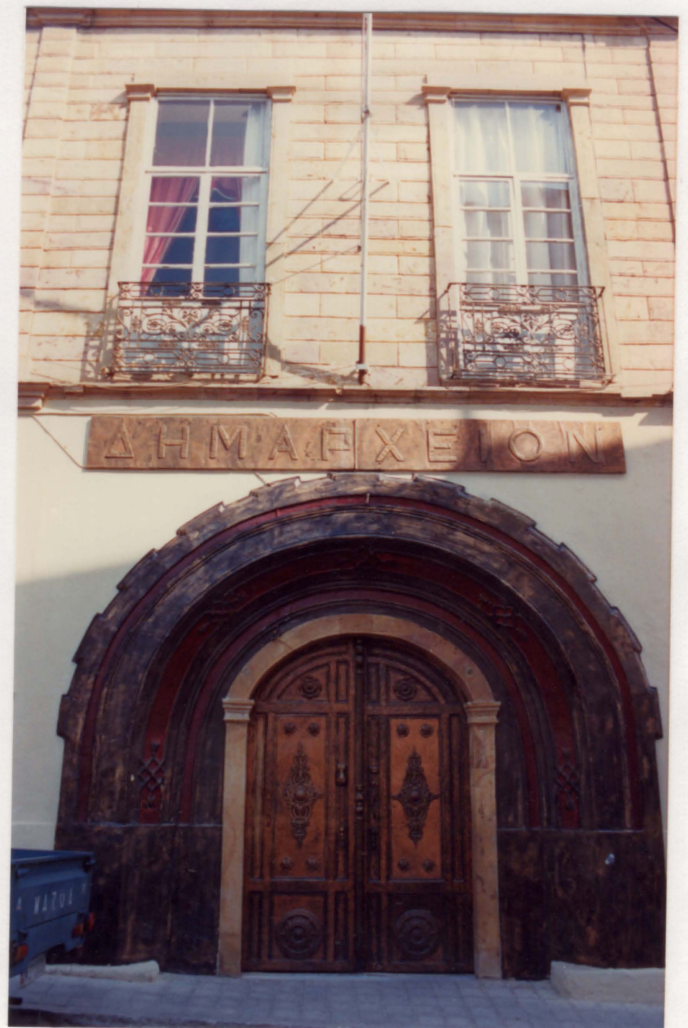
***THE SETTING***

***XANTHI***

*General View*



*Old Town Balconies and  
Narrow Cobblestone Street*



*Wooden Door,  
Municipal Building*





## *THE SETTING*

### *XANTHI*

*Central Square,  
Heartbeat of the  
City*



*Ascetic Priest*

*Time Out for Frappes  
(Iced Coffee) and a Chat*







*Xanthi is noted for its two weeks of non-stop Carnival festivities -- costume parties, foreign and Greek folk dance performances, vendors hawking wares, masquerade parades, and dancing in the street -- which herald the beginning of the Orthodox Easter season.*





*THE SETTING*

*KAVALA*

*Bustling Seaport  
and Downtown*



*Town Hall*



*Saturday Bazaar*





*THE SETTING*

*KAVALA*

*Roman Aqueduct*

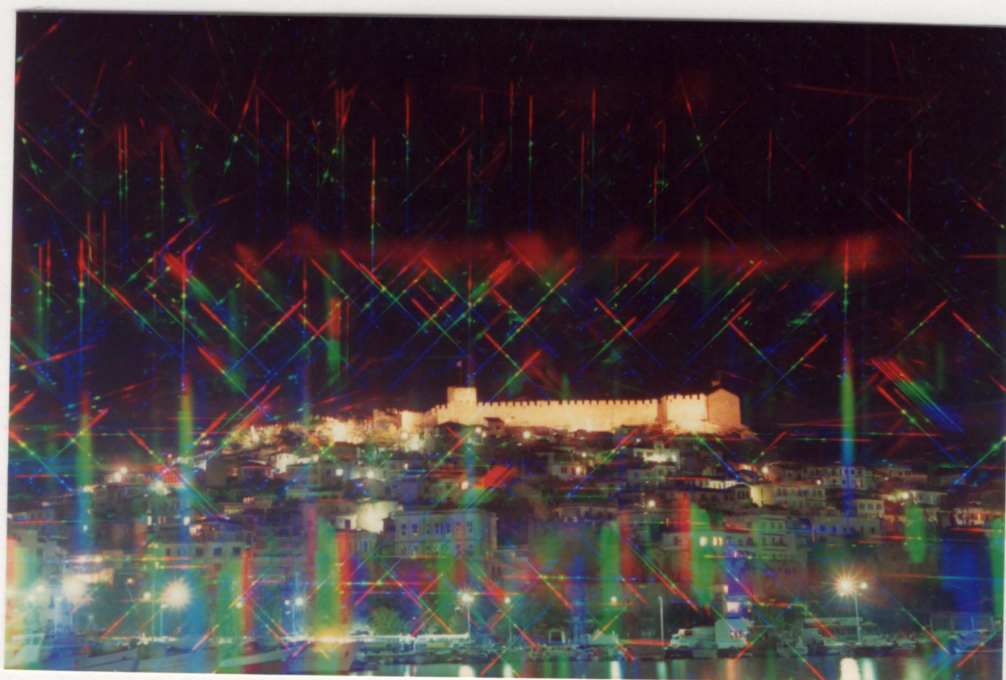
*Byzantine Fortress*

*By Day*



*and*

*By Night*







## **THE SETTING**

### **PHILIPPI**

*The Forum (Agora)  
Via Egnatia in Foreground  
Basilica in Background*

*Basilica's Pilaster  
and Justinian Capital*



*Amphitheater*







## ***THE SETTING***

### ***KERAMOTI AND THASSOS***

*Watch the Fishermen  
at Keramoti's Wharf  
while awaiting the*



*Ferry*



*to Thassos, Idyllic  
Isle of Sun and  
Souvenirs*



## THE SITE

*Kavala Relay Station is one of Voice of America's largest overseas radio relay stations. It consists of two separate facilities sites, the transmitter plant and the receiver plant.*

*The TRANSMITTER PLANT site occupies 2,000 acres of flat land bordered on one side by the Aegean Sea. Near the western border of the plot is the mouth of the Nestos River. The site contains the buildings for the transmitter plant which houses the Station's administrative offices and transmitting plant operation, the power plant and nearby diesel fuel storage tanks with a capacity of 1.5 million gallons, the warehouse, garage and support services building, an antenna field, 15 houses for American families, and private beach facilities.*

*The 10-acre RECEIVER PLANT site, located near the village of Agiasma, is only 10 miles, as the crow flies, from the transmitter/housing area. By road, however, one must travel 78 miles round trip, due to an unbridged section of the Nestos River. The site contains the receiver plant building, a small power plant building, and an antenna field. This site will close when the two-way SIS (Satellite Interconnect System) is installed.*

*The receiver plant receives VOA radio programs from the U.S. and transmits them to the transmitter plant, where medium and shortwave radio broadcast transmitters using directional antennas rebroadcast them to target areas. Over 5,000 hours of Voice of America programming are broadcast monthly in 22 languages and dialects to East and Central Europe, Central and South Asia, the Middle East and Africa.*

*The transmitter facilities have a combined power of over 3 million watts: -- One 500,000 watt mediumwave transmitter  
-- Ten 250,000 watt shortwave transmitters  
-- Two 50,000 watt shortwave transmitters*

*The POWER PLANT consists of six power generating units with a total output capacity of 13.5 million watts. (These units could produce enough electricity to serve the needs of a medium-sized city.) Over 2.6 million gallons of diesel fuel are used yearly. Daily consumption is approximately 7,000 gallons.*



*THE SITE*  
*OVERALL VIEWS*



*Transmitter, Warehouse and Power Plant Buildings  
(Note Thassos Island in Background)*





## AT HOME

*The three or four bedroom residences are furnished with basic items such as living, dining, bedroom and patio furniture, carpeting, draperies, central heating and air, humidifier, essential lamps, an electric range with oven, microwave oven, refrigerator, freezer, washer, dryer, and dishwasher. The Station's power supply is 120 volts, 50 Hz, so most American appliances can be used. The Station also provides the interior light bulbs. Each residence contains one queen-size bed; all other beds are twin-size. Vacuum cleaners are not provided.*

*For newly arrived personnel, a Hospitality Kit including linens, cutlery, dishes, cooking utensils, vacuum cleaner, iron and ironing board, toaster, and other minor items, is provided for use until your air freight arrives, usually in one or two months.*

*To make the house your home, include in your household effects shipment small personal items and decorations. Since most entertainment is self-provided, also include stereo equipment, tapes, CDs, etc. TV programming and video tapes are PAL or SECAM. If you own a multi-standard TV receiver and multi-system VCR, bring them with you.*

*Some Station families employ Greek domestic help on a part-time basis, generally one day a week. An employee of a diplomatic mission may also sponsor a non-Greek household worker by accepting responsibility for bringing the domestic into Greece and for the individual's repatriation.*





***AT HOME***

***HOUSING***

***15 Residences Comprise  
the Housing Compound***

***Autumn***

***Is in the Air***



***Winter***

***Sunny Greece, you say??!***



***Summer***

***Mowing Lawn near  
Rear Patio***





*AT HOME*

*FURNISHINGS*

*Presto Chango  
From Just a House.....*

*Living*



*Dining*



*Kitchen*



.....To Your Home!





## AT WORK

*STAFFING Americans: 12*

*Foreign Service Nationals: 108*

### MANAGEMENT

*Manager*

*Executive Secretary*

*Deputy Manager*

### ADMINISTRATIVE SECTION

*Executive Officer*

*Administrative Management Assistant*

*Budget and Accounting Assistant*

*Supply Supervisor*

*Personnel Assistant*

*Accounts Maintenance Clerk*

*Secretary*

*Teletype Operator*

*Supply Clerk*

*Truck Drivers, 9*

### TRANSMITTER PLANT

*Transmitter Plant Supervisor*

*Assistant Transmitter Plant Supervisor*

*Assistant Supervisor*

*Supervisory Radio Technician, 8*

*Operations*

*Radio Technicians, 22*

*Assistant Supervisor*

*Transmitter Technician - Mechanical*

*Maintenance*

*Secretary*

### POWER PLANT

*Power Plant Supervisor*

*Assistant Power Plant Supervisor*

*Assistant Supervisor*

*Supervisory Diesel Electric Power Technicians, 7*

*Operations*

*Diesel Electric Power Technicians, 21*

*Assistant Supervisor*

*Electric Power Equipment Technicians, 2*

*Maintenance*

*Secretary*

*Automotive Mechanic Foreman*

*Heavy Equipment Mechanics, 2*

### SUPPORT SERVICES

*Support Services Supervisor*

*Engineering Technician*

*Assistant Supervisor*

*Air Conditioning Technicians, 2*

*Maintenance Man*

*Antenna Equipment Technician/Foreman*

*Antenna Equipment Technicians, 3*

*Secretary*

### RECEIVER PLANT

*Receiver Plant Supervisor*

*Assistant Receiver Plant Supervisor*

*Supervisory Radio Technicians, 3*

*Radio Technicians, 8*

*Supply Clerk/Maintenance Man*





***AT WORK***

***TRANSMITTER SITE***

***Guard at Entrance***



***Transmitter Building  
Main Entrance***



***Welcoming Committee  
for Visitors, who  
Sign the Guest Book  
in the Lobby***



## AT WORK

### HOURS

*American employees assigned to the transmitter site work eight hours, receive a half-hour lunch break, and may arrive between 7:30 and 8:00 a.m. The departure time between 4:00 and 4:30 p.m. depends on the arrival time. American employees assigned to the receiver site work from 8:00 a.m. until 4:00 p.m.*

### CHECK CASHING

*The Station's Cashier cashes personal dollar or U.S. Treasury checks (from \$25 to \$500) for Greek drachmas at the daily-established rate of exchange. Travelers checks are available at the Station; however, dollars can only be obtained at the Embassy in Athens.*

### MAIL

*The Station is served by the Greek mail system (Voice of America, P.O. Box 1001, 67 100 Xanthi, Greece), and the U.S. postal system (American Embassy KAV, PSC 108 Box 39, APO AE 09842). Letters sent via APO take an average of 14 to 21 days; packages (maximum weight 70 pounds and 100" girth) average 30 days. Since no trained APO handler is located at the Station, insured mail can be received, but registered mail cannot. In addition, personal outgoing packages weighing 16 oz. or more cannot enter the APO system from the Station. All packages must be inspected by and wrapped in the presence of APO personnel in Athens. International mail service in Greece is good. Both U.S. and Greek stamps may be purchased at the Station.*

### TELEPHONE

*Since long distance calls originating in Greece are expensive, most Americans use an AT&T calling card and are billed at the stateside rate. For incoming long distance calls, use numbers (30591) 22855 or 22042, or (30541) 61120 or 61130. The Station's fax number is 30591 31310; its telex is 0452149.*





*AT WORK*

*DISTINGUISHED VISITORS*

*The American Ambassador  
to Greece*

*The Mayor of Xanthi*



*The Brigadier General for  
Thrace and East Macedonia  
accompanied by his Xanthi  
Police Officers*



*AT WORK*  
*MANAGEMENT*



*Manager's Office*

*Deputy Manager's Office*





## AT WORK

### ADMINISTRATIVE SECTION

*This Section carries out the functions involving personnel, travel, budget, contracts, procurement and supplies, transportation and telecommunication operations. Additional duties include the health and welfare of American dependents.*



*Communication Center,  
Reproduction, Mailroom  
and Vault*



*Main Office and  
Switchboard*



*Cashier*





*AT WORK*

*TRANSMITTER PLANT*

*Secretary's Office*



*Right Gallery*



*Master Control*



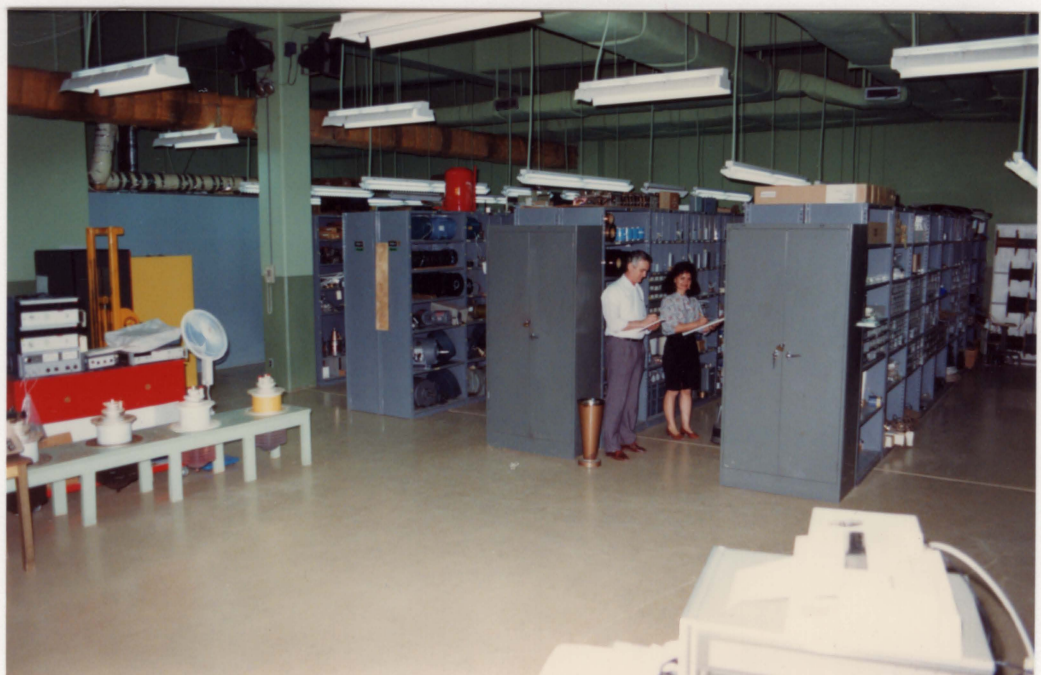


*AT WORK*  
*TRANSMITTER PLANT*

*RF Output Tube*



*Machine Shop*



*Stock Room*





**AT WORK**

**TRANSMITTER  
BUILDING**

*Dining Room*

### **TRAINING SECTION**

*The recently-established Training Section, headed by a full-time FSN Training Officer, is implementing a comprehensive training program, based on the Station's needs. The classroom includes four computers, two televisions, two VCRs, two language laboratories with headsets, and a technical resource library.*



*Computer Training in Session*

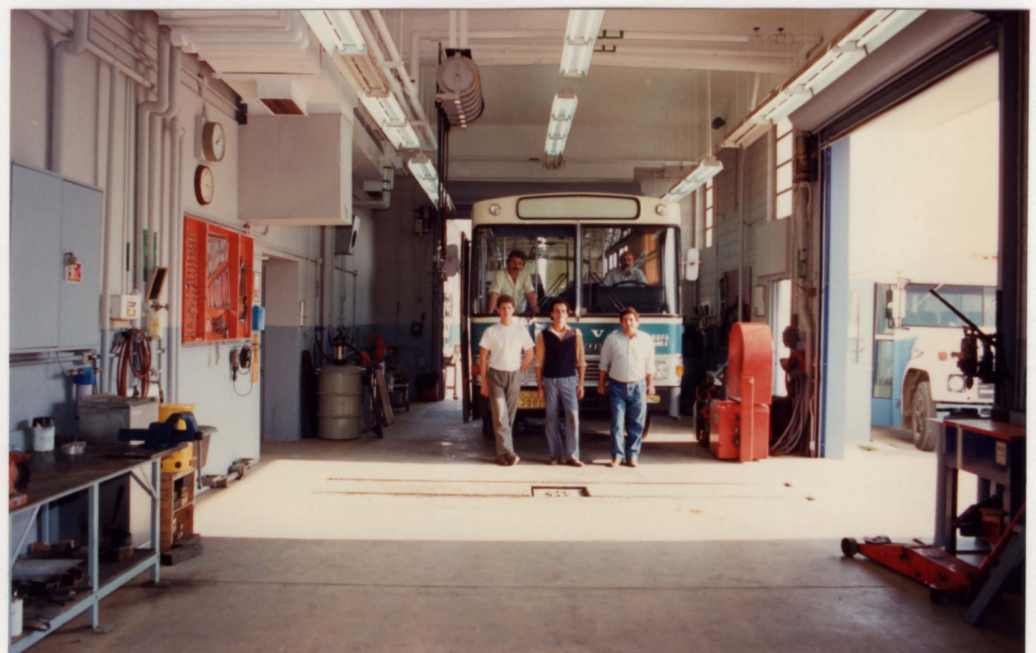




**AT WORK**

**WAREHOUSE  
BUILDING**

*Station Warehouse*



*Garage*

*Station mechanics maintain  
in top condition a fleet  
of 34 vehicles*



*Driver's Office*

*Station drivers bring  
rotating operational  
shifts to and from work  
on a 24-hour basis.  
They also transport  
supplies from local  
vendors within a 20-150  
mile radius, as well as  
items to and from the  
American Embassy in  
Athens 500 miles away.*



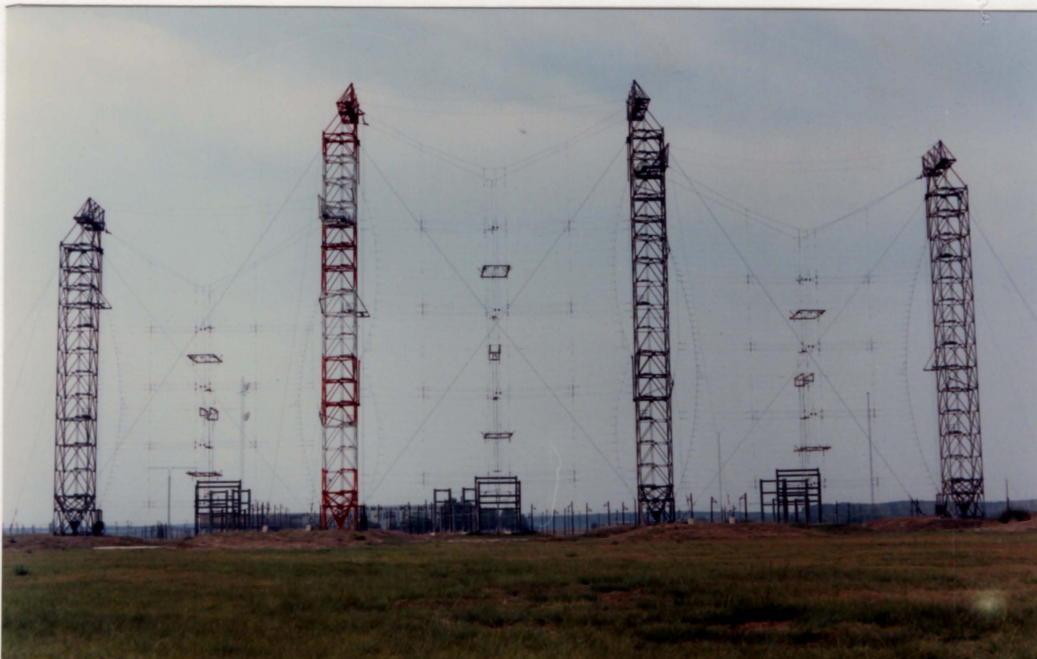
## **AT WORK**

### **SUPPORT SERVICES**

*The Support Services Section handles the Rigging and Buildings and Grounds units. It maintains and repairs all Station antennas, transmission lines, switchbay, buildings, grounds and utility systems.*



*Antennas: That's What It's All About!*







*AT WORK*  
*SUPPORT SERVICES*

*Office*



*Carpenter Shop*



*Contract Crew  
helps the Support  
Services Staff  
carry out its  
functions*





*AT WORK*  
*POWER PLANT*

*Building*



*Control Room*



*Generators*





*AT WORK  
POWER PLANT*

*Dining Room*

*Fuel Truck enters  
Transmitter Site's  
Main Gate*



*and*

*fills the  
Fuel Tanks*





*AT WORK*

*TIME OUT FOR*

*Valentine's Day  
Cake for the  
Station "Sweethearts",  
from an Admirer*



*FNS Retirement  
Lunch,  
Receiver Site*



*Foot Stomping  
Christmas Party  
at the Receiver Site*







*AT WORK*

*TIME OUT FOR*

*Roasted Christmas  
Pig,  
Power Plant*



*Tasty Christmas  
Lunch and*



*Dancing "Zeibekiko",  
Transmitter Plant  
and Administrative  
Section*





*AT PLAY*

*VOARA*

*Club House*



*Main Room  
Includes Kitchen*

*and*



*Bar*



*AT PLAY*

*VOARA*



*Club House*

*Back Room  
Includes  
Commissary*

*and*



*Exercise  
Equipment  
Room*



## AT PLAY

### RECREATION ASSOCIATION (VOARA)

*Membership in the VOARA is available to every employee and spouse at the Station with a \$100 refundable deposit per family. Activities vary according to members' interests and willingness to serve.*

*The Clubhouse contains a small commissary, bar, and pool, ping pong and exercise equipment. The RA maintains a 9-hole golf course, two tennis courts, a playground, and beach facilities on the sandy beach which extends along the southern boundary of the Station. It also loans books, audio cassettes, CDs and records from its 2,000 volume library, operates a closed-circuit television system which shows videos, and rents two two-bedroom guest houses on the compound.*

### FITNESS

*The Station's grounds are ideal for walking, jogging and biking enthusiasts.*

### DINING OUT

*The neighboring "tavernas" (family-run restaurants) serve delicious and reasonably-priced typical Greek fare, guaranteed to expand the waistline -- or your money back!*

### CULTURE

*Every June to September Athens holds a festival which features performances ranging from Greek tragedy to modern dance and rock groups -- often with internationally famous groups or stars from the U.S., Europe and elsewhere.*

*In Northern Greece, other than folk dancing which is a popular pastime, and summer performing arts at the ancient theater of Philippi, similar cultural presentations are few. A major exception is Carnival in Xanthi, the second in importance in all of Greece. This two-week festivity includes costume parties, folk dance performances from all parts of Greece as well as foreign countries, and vendors hawking their wares. The jubilation terminates with a masquerade parade and dancing in the street, seven weeks before the event of Orthodox Easter.*





# **AT PLAY**

**CLUB HOUSE  
GET-TOGETHERS  
FOR AMERICAN  
COMMUNITY**

*Warm Western  
Welcome Dinner*



*After-Party Fun for  
Helpers from the  
Annual Children's  
Carnival Party*



*Christmas Tree  
Trimmin',  
Treats and  
Gift Exchange*



*AT PLAY*  
*RECREATION*



*Some Enjoy Gardening*







*AT PLAY*

*FITNESS*

*Walking*

*Jogging*

*Biking*



*Golfing*



*Playing  
Tennis*





*AT PLAY*

*DINING OUT*

*In One's Backyard*

*or at Costas Taverna, the  
Favorite Friday Night Hang-Out,  
Avaton*

*No Wonder Support Services  
receives complaints about  
defective washing machines  
that shrink the clothes!*





*AT PLAY*

*SPECIAL OCCASIONS*



*Non-Denominational  
Religious Service*



*Wedding and Reception  
American-Style*



## **SOCIAL SERVICES**

### **EDUCATION**

*Operation of a "school at post" is contingent upon the number and grade level of students available and the desires of the parents. There is the option of sending students to boarding schools in Europe, or Athens and Thessaloniki in Greece.*

### **EMPLOYMENT OPPORTUNITIES FOR DEPENDENTS**

*No employment opportunities for dependents exist at the Station. This is an excellent post for spouses and older children to read, work on hobbies and crafts, grow a garden, or get involved in a physical fitness regimen.*

### **LANGUAGE TRAINING**

*Most leading shops, hotels and restaurants in Athens and Thessaloniki employ clerks who speak English. Unfortunately, this is not the case elsewhere. A basic knowledge of Greek makes living here both easier and more rewarding. Neither VOA nor the Station offers Greek language training. However, Greek language tapes may be obtained on loan from VOARA's library.*

### **MEDICAL CARE**

*Hospitals do not compare to U.S. standards, and doctors and dentists are not U.S. trained. There is no resident American doctor or nurse at the Station. State Department's Regional Medical Officer, based in Belgrade, visits the Station quarterly. Frankfurt or London are the authorized emergency evacuation locations.*

### **RELIGIOUS ACTIVITIES**

*No religious services in English are available nearby. On Sundays Mass is celebrated at the small Catholic church in Kavala.*



*SOCIAL SERVICES*

*EDUCATION*

*Little Red Schoolhouse*



*'Tis not a Yellow Bell  
'Tis a Mosquito Zapper!*

*Learning in Progress*





## HOLIDAYS

			U.S.	GREEK
JANUARY	1	New Year's Day	X	X
	6	Epiphany		X
	*	Martin Luther King's Birthday	X	
FEBRUARY	*	Washington's Birthday	X	
MARCH	*	Kathara Deftera		X
	25	Greek Independence Day		X
APRIL	*	Good Friday		X
	*	Easter Monday		X
MAY	1	May Day		X
	*	Memorial Day	X	
JULY	4	Independence Day	X	
AUGUST	15	Assumption Day		X
SEPTEMBER	*	Labor Day	X	
OCTOBER	4	Liberation of Xanthi		X
	*	Columbus Day	X	
	28	OXI Day		X
NOVEMBER	11	Veterans Day	X	
	*	Thanksgiving Day	X	
DECEMBER	25	Christmas Day	X	X
	26	Boxing Day		X

\*Date varies



## *HOLIDAYS*

### *SUMMERTIME.....AND THE LIVIN' IS EASY*



*Some FSNs move their campers and families to summer at the Station Beach.*

*Besides fishing, boating, swimming and enjoying one another's hospitality, others find karate lessons invigorating.*



**STATION HOLIDAY  
TRADITIONS**

**BEACH PARTY**

*Food, Fun and Frolic  
in the Sun, Sand and  
Water*

*Station Guards make  
the Best Cooks!*



*A Picnic isn't a Picnic  
without hot dogs and  
"bifteki" (aka hamburgers)*



*Volleyball Match*





*Spoon and Cotton  
Ball Race*



*Tug-of-War*

*Sack Hop*







**STATION HOLIDAY  
TRADITIONS**

**CARNIVAL PARTY FOR  
EMPLOYEE CHILDREN**

*Judges face the  
formidable task  
of selecting  
Best Costume  
Winners*



*Competition is Keen*



*Who'll Break the Pinata?*





**STATION HOLIDAY  
TRADITIONS**

**CHRISTMAS PARTY  
FOR EMPLOYEE  
CHILDREN**

*Santa's pack contains gifts  
for all the children --  
whether naughty or nice*



*Traditional Christmas Treats*



*Folkdancers from  
Erasmio Village  
provide another  
special treat*





# **STATION HOLIDAY TRADITIONS**

**ADULT CARNIVAL  
PARTY FOR  
EMPLOYEES  
AND FRIENDS**

*Merrymaking includes Dinner, Dancing,  
Raffles and Costumes Galore*







**STATION HOLIDAY  
TRADITIONS**

**CHRISTMAS PARTY  
FOR CHILDREN FROM  
DASOCHORI VILLAGE**

*Presents*



*Sweets*

*and Smiles Abound*





## **SUPPLIES, SERVICES AND SUNDRIES**

### **AIRPORTS**

*There is a domestic airport near Chryssoupolis, 20 miles east of Kavala, from which Olympic Airways operates one flight daily to and from Athens. This airport is 45 minutes traveling distance from the Station. Thessaloniki is the closest international airport, a 3 1/2-hour drive from the Station.*

### **AUTOMOBILE**

*Due to the remoteness of the Station and lack of readily-available public transportation, a car that is in excellent condition is a necessity. The main highways and city streets in Northern Greece are paved, although streets in the towns and villages are often quite narrow. Local garages carry very limited supplies of spare car parts, which are mostly for foreign-made cars and are quite expensive. It is highly recommended that you include in your HHE shipment a two-to-three-year supply of oil, filters and tune-up parts. Bring the ownership title with you, since it is needed to prepare the paperwork for customs clearance.*

*Auto insurance can be arranged at the Station, and super, unleaded or diesel gasoline may be purchased at the Station.*

*A valid Greek or international driver's license is required. Without one, you may not drive a privately-owned vehicle on Station premises, or an official vehicle either on or off the premises. The Station will assist in obtaining the international license, or purchase it from AAA in the U.S. prior to arrival and save money.*

### **BEAUTY AND HEALTH**

*If you have special brands of toiletries and cosmetics, bring a supply with you. Beauty and barber shops are plentiful and reliable. Over-the-counter medicines are available and reasonably priced.*



## **SUPPLIES, SERVICES AND SUNDRIES**

### **CLOTHING**

*Sufficient clothing for all ages is available on the local market in European sizes. Most families purchase the bulk of their clothing through U.S. mail order catalogs. Casual spring and summer wear is the norm, with a few occasions calling for more formal attire. Also bring woolen outfits for the winter season.*

### **CUSTOMS, DUTIES AND SHIPPING**

*No special rules, limits, restrictions or requirements are imposed on official U.S. employees or their dependents when entering the country. Personnel assigned to Greece must have a valid Greek entry visa in their diplomatic or official passports.*

*Since personal effects are authorized duty-free entry, they must be for your personal use only and not for sale. Drugs and narcotics may not be imported under any circumstance. Surface shipments from the U.S. may take three months to arrive. After clearing customs in Athens (port of Pireaus), they are trucked to the Station. Most employees prefer to fly to Athens (on their transfer travel orders) to pick up their personal automobile and drive it to the Station. Consult the RSI for current shipping addresses for air freight, household effects and vehicle.*

### **DRY CLEANING**

*The dry cleaner in Xanthi is not on a par with U.S. standards.*

### **FILM**

*Kodak film is available; developing service takes only one hour. Both are expensive.*



## ***SUPPLIES, SERVICES AND SUNDRIES***

### ***FIREARMS AND AMMUNITION***

*Greek law prohibits importing rifles and handguns of any kind. Under no circumstance should you bring them, or ammunition, to Greece. Air rifles and shotguns of any gage may be imported by the owner only and must be registered in the passport. If they will be used for hunting, the owner must go to the Greek Forestry Department to submit the proper papers to have IDs issued.*

### ***FOOD***

*Many Greeks still shop daily, so local food outlets thrive and are a very important part of every neighborhood. Each has its own butcher, greengrocer, bread bakery and pharmacy. Fresh fruit, vegetables, plants, eggs and chickens can be purchased one day each week at open markets in various villages. Saturday mornings both Xanthi and Kavala host open bazaars. In addition to foodstuffs, vendors display crafts from neighboring countries.*

*Meat and fresh produce are also available in Xanthi's covered market during weekdays and Saturday morning. Many shoppers frequent an Xanthi supermarket which is almost comparable to U.S. standards.*

*Greek wines are plentiful and inexpensive. While specialty items are expensive, there is virtually nothing that cannot be found in the Greek food market.*

*Aside from sweet shops, stores are closed on Sunday.*

### ***ID PHOTOS***

*It is recommended that you bring 12 passport size photos which will be needed for various ID cards immediately upon arrival.*



## **SUPPLIES, SERVICES AND SUNDRIES**

### **PETS**

*Cats and dogs entering or departing Greece must have a health certificate validated in the country where travel begins, stating that the pet is in good health, free from infectious disease, and has had a rabies inoculation not more than 12 months (6 months for cats) and not less than 6 days prior to arrival or departure. Greek law requires that all cats and dogs be vaccinated against rabies every year. Personnel with pets should consider arriving at the Thessaloniki airport and completing check-in procedures at the Station rather than arriving in Athens, where pets must be boarded in a kennel to await the onward journey to the Station.*

*At the Station there are no restrictions on pets, except consideration for neighbors, since families live close together on a confined compound. Veterinarians, although more familiar caring for cattle and sheep, can handle routine matters dealing with domestic pets.*

### **AMATEUR RADIO**

*Please notify the Station of your ham radio interest so an attempt will be made whenever possible to assign you to one of the houses with a tower.*

*Bring a certified copy of your U.S. amateur radio license with you. After arriving in Greece, you will submit an application plus a nominal fee to the Ministry of Communication, listing the make, model number, serial number and output power of all transceivers, and type of antenna. Licenses are required for each mode of operation: fixed-base station; mobile; or portable. Upon your transfer from Greece, the equipment must depart with you, since it entered Greece duty-free.*

### **TELEVISION**

*The Greek Government has established a network of TV repeaters to rebroadcast satellite programming, including CNN International, from Western Europe. Video tape rentals are available locally. Since all programming and tapes are PAL or SECAM, a multi-standard TV receiver and multi-system VCR are necessary and may be purchased through the AAFES mail order catalog.*





**FOOD**

**COVERED MARKET  
XANTHI**

*Exterior*



*Sampling of  
Seasonal  
Vegetables*

*and*



*Fruits*





*Meat*

*and*

*Fish*







## **FOOD**

### **SATURDAY BAZAAR XANTHI**

*Arrive early to  
avoid the crowd*



*Summer Selection*



*Variety of Olives to  
please every palate*



**FOOD**

**SUPERMARKET  
XANTHI**

*Ample Parking*



*Well-Stocked Shelves*



*Delicious Deli and  
Dairy Products*







## FOOD

### TASTE BUD TEMPTERS

*Try resisting the smell  
of Baking Bread*

*or*



*Freshly-Ground Coffee*



*End the meal  
-- and this Brochure --  
with mouth-watering  
Sweet Tooth Satisfiers*



*KALO TAXIDI!*

*HAVE A GOOD TRIP!*



*Credits: with very special thanks to  
-- Photographer, Vassilis Lytrides, TX Plant  
-- Typist, Phanie Karalouda, Admin Section*











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# **KAVALA**

## **RELAY STATION**

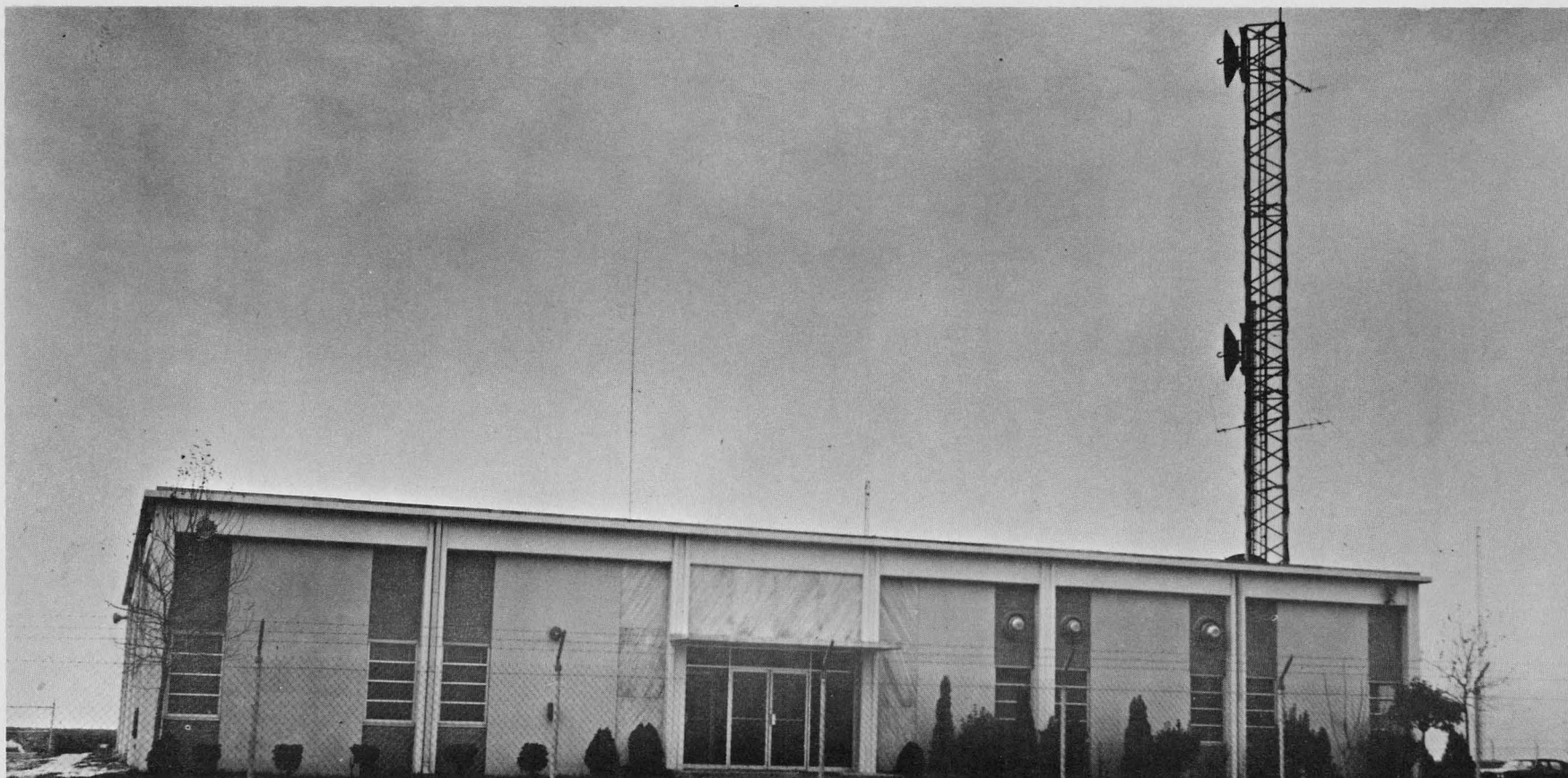


**DASOCHORION TRANSMITTING PLANT**



# **KAVALA**

## **RELAY STATION**



**AGHIASMA RECEIVING PLANT**



# TRANSMITTER COMPLEMENT - KAVAILA RELAY STATION

<u>DESIGNATION</u>	<u>MANUFACTURER/TYPE</u>	<u>POWER</u>	<u>FREQUENCY RANGE</u>
KAVAILA-A	CEMCO - 105B	500 KW	791 kHz
KAVAILA 1 thru 10	CEMCO - 419D	250 KW	4-27 MHz
KAVAILA - 13, 14	CEMCO - 617A	50 KW SSB, 25 KW ISB/CW, 15 KW AM	4-30 MHz

## HIGH FREQUENCY TRANSMITTING ANTENNAS

<u>AZMUTHAL BEAM CENTER</u>	<u>ANTENNAS ON BEAM CENTER</u>	<u>TARGET AREA</u>
026°	4	Eastern Europe
051°	12	Central Asia
095°	8	South Asia
105°	4	Middle East
172°	4	Central Africa
203°	2	Central Africa
210°	4	North Africa
355°	6	Central Europe, Balkans

Note: Any frequency change can be made within 30 seconds. Antenna changes take approximately 3 seconds.



## TRANSMITTING ANTENNA CHARACTERISTICS

AZIMUTH	ANT. NO.	TYPE	FREQ.	GAIN dBi	HBW 6dB	VERT. ANGLE	VBW 6dB
026	B6J	C	6	18	74°	10°	17°
026	B6K	C	6	18	78°	26°	18°
026	B7L	C	7	18	74°	10°	15°
026	B7M	C	7	18	74°	26°	15°
026	B9J	C	9	18	74°	15°	18°
026	B9K	C	9	18	78°	18°	15°
026	B11L	C	11	18	74°	15°	18°
026	B11M	C	11	18	78°	18°	18°
051	C6J	C	6	18	74°	10°	15°
051	C6K	C	6	18	78°	26°	18°
051	C7J	C	7	18	74°	10°	15°
051	C7K	C	7	18	78°	26°	18°
051	C7L	C	7	18	74°	10°	15°
051	C7M	C	7	18	74°	26°	18°
051	C9J	C	9	22	78°	10°	18°
051	C9K	C	9	22	78°	26°	18°
051	C9L	C	9	22	78°	10°	15°
051	C9M	C	9	22	78°	26°	15°
051	C11A	C	11	22	78°	13°	18°
051	C11L	C	11	22	74°	13°	15°
051	C11M	C	11	22	78°	22°	15°
051	C15A	C	11	22	78°	10°	18°

AZIMUTH	ANT. NO.	TYPE	FREQ.	GAIN dBi	HBW 6dB	VERT. ANGLE	VBW 6dB
051	C15B	C	11	18	74°	10°	15°
051	C17A	C	17	18	78°	10°	18°
051	C17B	C	17	18	74°	10°	15°
051	C21B	C	21	18	74°	10°	15°
095	D9A	C	9	22	35°	9°	13°
095	D11A	C	11	21	35°	9°	13°
095	D11B	C	11	22	35°	9°	12°
095	D15A	C	15	21	35°	9°	13°
095	D15B	C	15	22	35°	9°	12°
095	D17A	C	17	21	35°	9°	13°
095	D17B	C	17	22	35°	9°	13°
095	D21B	C	21	22	35°	9°	12°
105	E6J	C	6	19	72°	9°	13°
105	E6K	C	6	18	74°	22°	14°
105	E7J	C	7	19	72°	9°	13°
105	E7K	C	7	18	74°	22°	14°
105	E7L	C	7	19	72°	9°	13°
105	E7M	C	7	18	72°	22°	14°
105	E9L	C	9	19	75°	9°	13°
105	E9M	C	9	18	75°	22°	14°
172	F6A	C	6	17	75°	26°	18°
172	F7B	C	7	18	75°	26°	13°
172	F9A	C	9	17	75°	26°	18°



KAVALA

KAVALA

## TRANSMITTING ANTENNA CHARACTERISTICS

AZIMUTH	ANT. NO.	TYPE	FREQ.	GAIN dBi	HBW 6dB	VERT. ANGLE	VBW 6dB
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172	F11B	C	11	18	75°	26°	15°
208	G11J	C	11	18	74°	9°	13°
208	G11K	C	11	17	74°	26°	14°
208	G15L	C	15	18	74°	9°	13°
208	G15M	C	15	17	74°	22°	14°
240	H6A	C	6	17	74°	26°	18°
240	H7B	C	7	18	74°	22°	18°
240	H9A	C	9	17	74°	26°	18°
240	H11B	C	11	18	74°	22°	18°
355	A6A	C	6	18	74°	26°	18°
355	A7A	C	7	18	74°	26°	18°
355	A7B	C	7	18	74°	26°	18°
355	A9B	C	9	18	74°	26°	10°
355	A11A	C	11	17	74°	10°	15°
355	A15B	C	15	18	74°	10°	10°

AZIMUTH	ANT. NO.	TYPE	FREQ.	GAIN dBi	HBW 6dB	VERT. ANGLE	VBW 6dB
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## MEDIUM POWER

<u>Designation</u>	<u>Type</u>	<u>Bearings</u>	<u>Primary Target Area</u>
L 1	Rotatable Log Periodic (Freq. range 5.7-33 MHz)	0°-360°	Variable
L 2	Vertical Log Periodic (Freq. range 3.8-30 MHz)	95°	Near East/South Asia
L 3	Verticle Log Periodic (Freq. range 3.8-30 MHz)	250°	Tangier
L 4	Verticle Log Periodic (Freq. range 3.8-30 MHz)	305°	U.S./Wooferton/Munich

322	V12B	C	12	18	14°	10°	10°
322	V11V	C	11	13	14°	10°	12°
322	V8B	C	8	18	14°	50°	10°
322	V1B	C	1	18	14°	50°	18°
322	V1V	C	1	18	14°	50°	18°
322	V8V	C	8	18	14°	50°	18°
340	H17B	C	17	18	14°	53°	18°
340	H8V	C	8	13	14°	50°	18°
340	H1B	C	1	18	14°	53°	18°
340	H8V	C	8	13	14°	50°	18°
308	G12M	C	12	13	14°	53°	14°
308	G12F	C	12	18	14°	5°	13°
308	G11K	C	11	13	14°	50°	14°
308	G11I	C	11	18	14°	5°	13°
133	B17B	C	17	18	12°	50°	12°

ANTENNA	ANT. NO.	TYPE	LENG.	WIDTH	HGT. 100'	HGT. 500'	ANGLE	ARM 500'
							LENG.	

ANTENNA	ANT. NO.	TYPE	LENG.	WIDTH	HGT. 100'	HGT. 500'	ANGLE	ARM 500'
							LENG.	

TRANSMITTING ANTENNA CHARACTERISTICS

KA-6, 1979

NAVALA



# MEDIUM WAVE ANTENNA ARRAY PARAMETERS

## KAVAJA RELAY STATION - 792 kHz

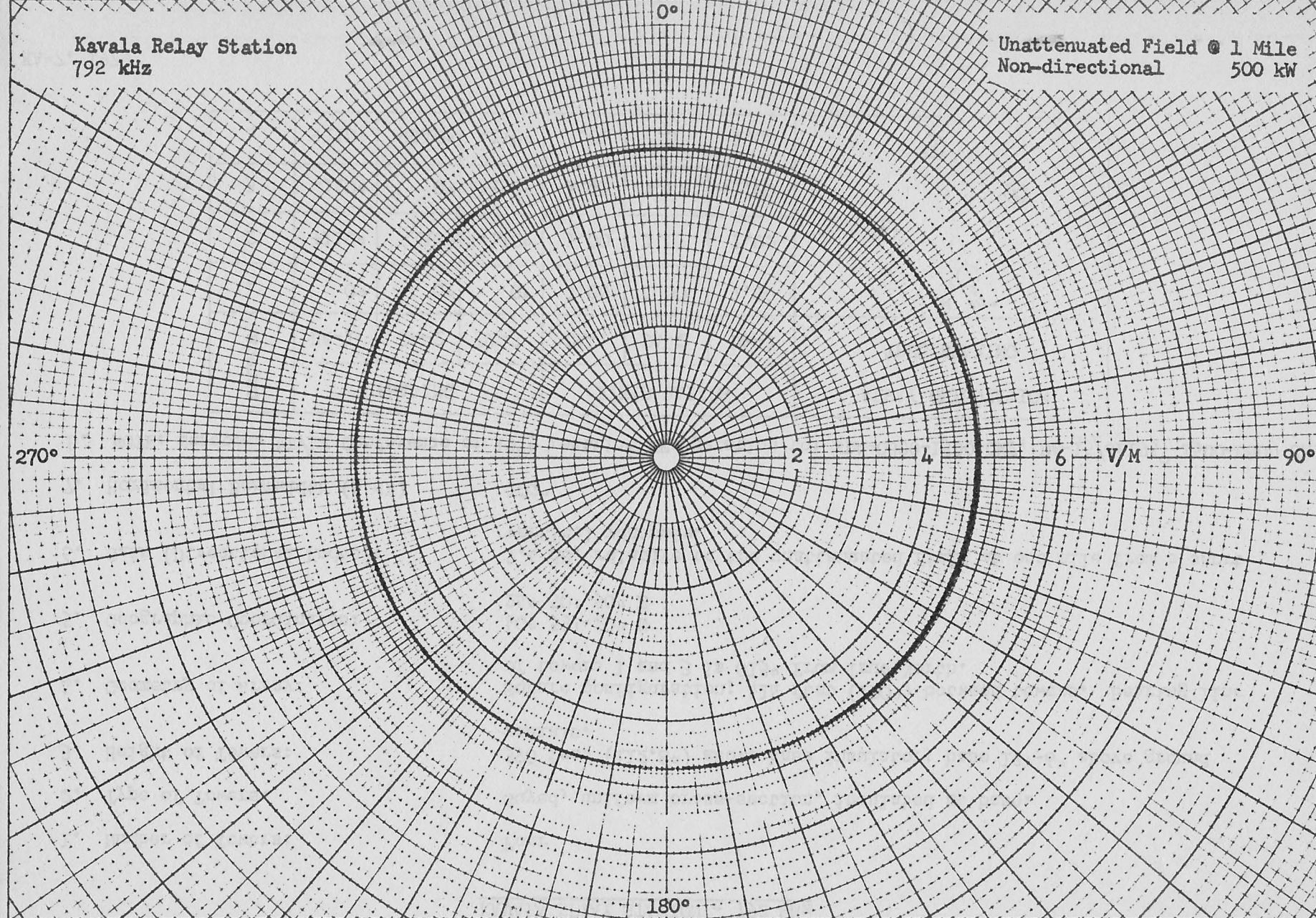
1. Number of Towers: Four
2. Type of Towers: Guyed, uniform cross-section, insulated at base.
3. Height of Towers: 390 feet (112.8°) above base insulator; base 13'-6" above ground radials.
4. Geometry of Array: Square configuration; 414 feet (120°) between towers. Bearing line of towers 1 and 3 is 015° from True North.
5. Geographic Coordinates: 40° 53' 20" N  
24° 50' 50" E
6. Gain (Directional Modes): 7.4 dB, relative to the unattenuated field at one mile from a short vertical monopole.
7. Horizontal Beamwidth (6 dB) 102°
8. NOTE: European MF/LF Conference of 1975 restrict MF operation to: NDA-0800-1500 GMT, DA-15/or195°-1500-0800 GMT

Antenna	PHASING			FIELD RATIOS			ARRAY ORIENTATION TRUE BEARING
	DA-1	DA-2	DA-3	DA-1	DA-2	DA-3	
1	0°	0°	0°	1.00	1.00	1.00	
2	+110°	-110°	-110°	1.00	1.01	1.02	
3	-140°	0°	+140°	1.01	1.02	1.00	
4	+110°	+110°	-110°	1.01	1.01	1.00	



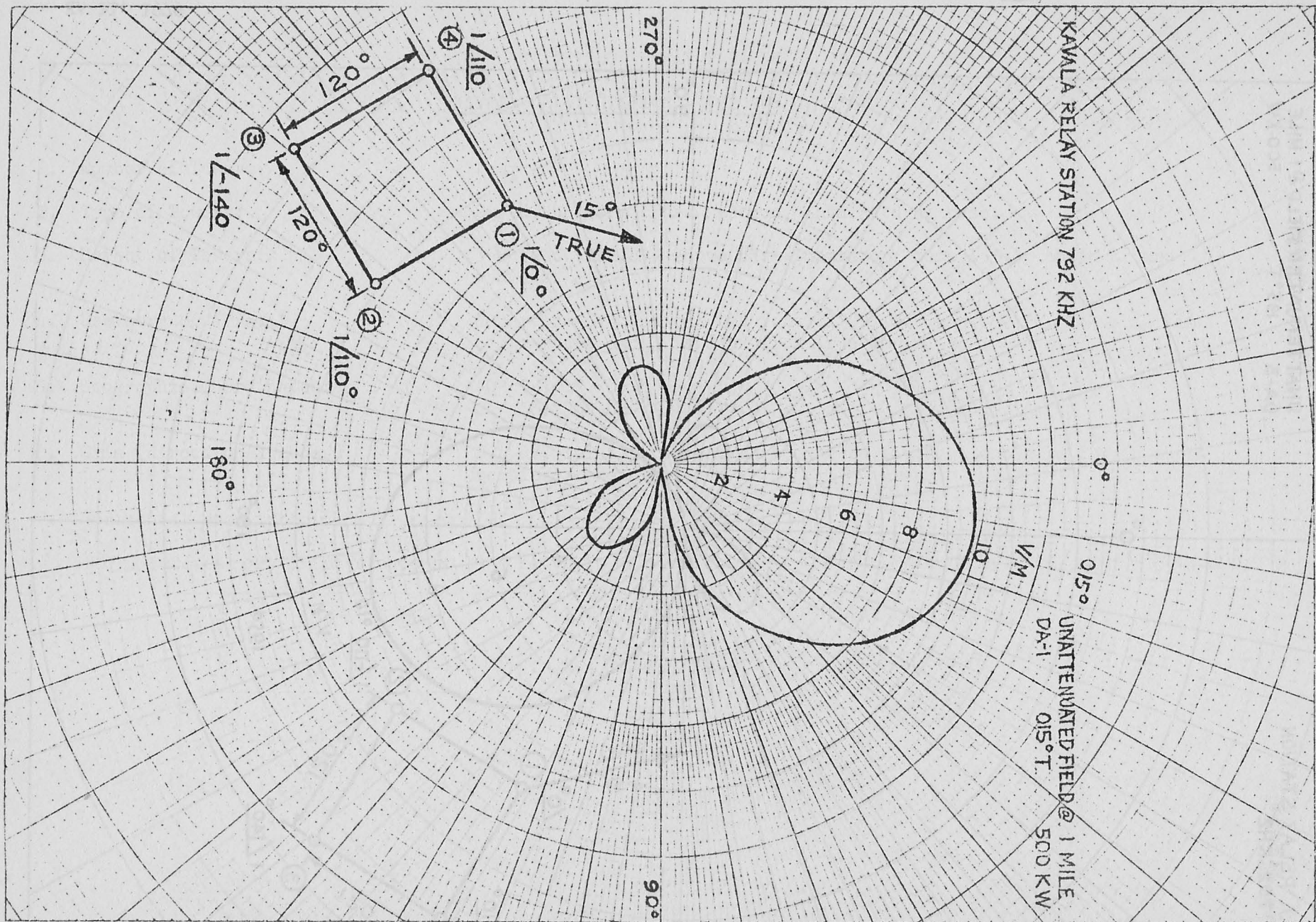
Kavala Relay Station  
792 kHz

Unattenuated Field @ 1 Mile  
Non-directional 500 kW



KA-8, 1979

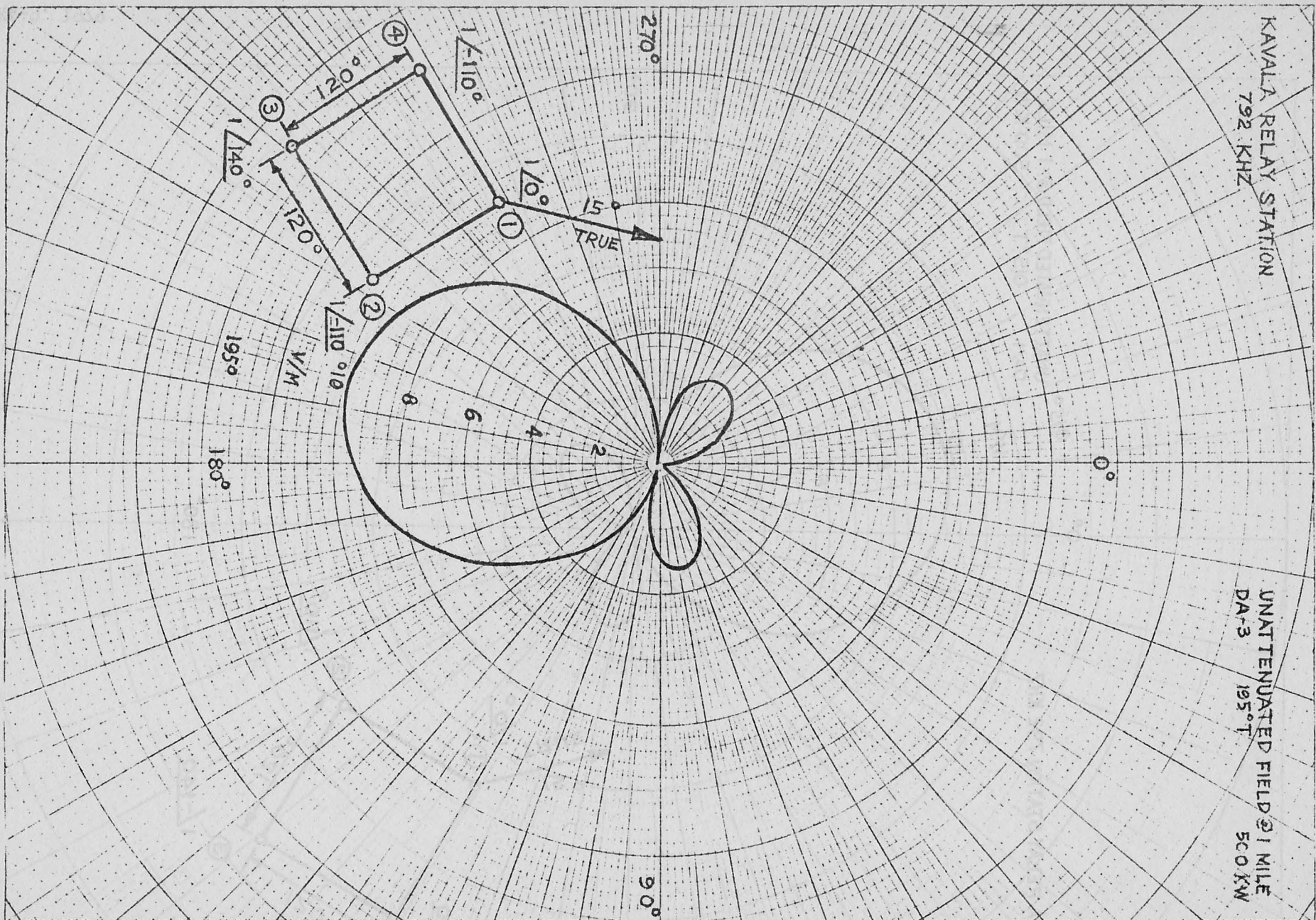






KAVALA RELAY STATION  
792 KHZ

UNATTENUATED FIELD @ 1 MILE  
DA-3 125° T  
500 KW





HIGH FREQUENCY RECEIVING ANTENNAS

<u>DESIGNATION</u>	<u>TYPE</u>	<u>BEAM CENTER BEARING</u>	<u>PRIMARY RECEPTION AREA</u>
R5	Rotatable Log Periodic (Freq. Range 6.5-32 MHz)	0°-360°	Variable
R6	Rotatable Log Periodic (Freq. Range 6.5-32 MHz)	0°-360°	Variable
R7	Rhombic (Freq. Range 9-21 MHz)	305°	Greenville, N.C.
R8	Rhombic (Freq. Range 9-21 MHz)	305°	Greenville, N.C.
R9	Rhombic (Freq. Range 6-12 MHz)	305°	Greenville, N.C.
R10	Rhombic (Freq. Range 6-12 MHz)	305°	Greenville, N.C.

<u>ITEM</u>	<u>RECEIVING SITE</u>
Land Area:	9.9 Acres.
Location:	32 road miles southeast of Kavala.
Prime Construction Contractor:	Page Communications Engineers.
Operational Date:	April 17, 1972
Inventory Value (Fixed Assets):	\$2,370,492



## RECEIVING ANTENNA CHARACTERISTICS

AZIMUTH	ANT. NO.	TYPE	FREQ.	GAIN dBi	HBW GdB	VERT. ANGLE	VBW GdB
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AZIMUTH	ANT. NO.	TYPE	FREQ.	GAIN dBi	HBW GdB	VERT. ANGLE	VBW GdB
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305	R7	R	9.6	18	29°	13°	16°
			11.8	19	23°	10°	13°
			15.3	21	18°	8°	10°
			17.8	22	15°	6°	8°
			21.6	23	12°	5°	7°

305	R8	R	9.6	18	29°	13°	16°
			11.8	19	23°	10°	13°
			15.3	21	18°	8°	10°
			17.8	22	15°	6°	8°
			21.6	23	12°	5°	7°

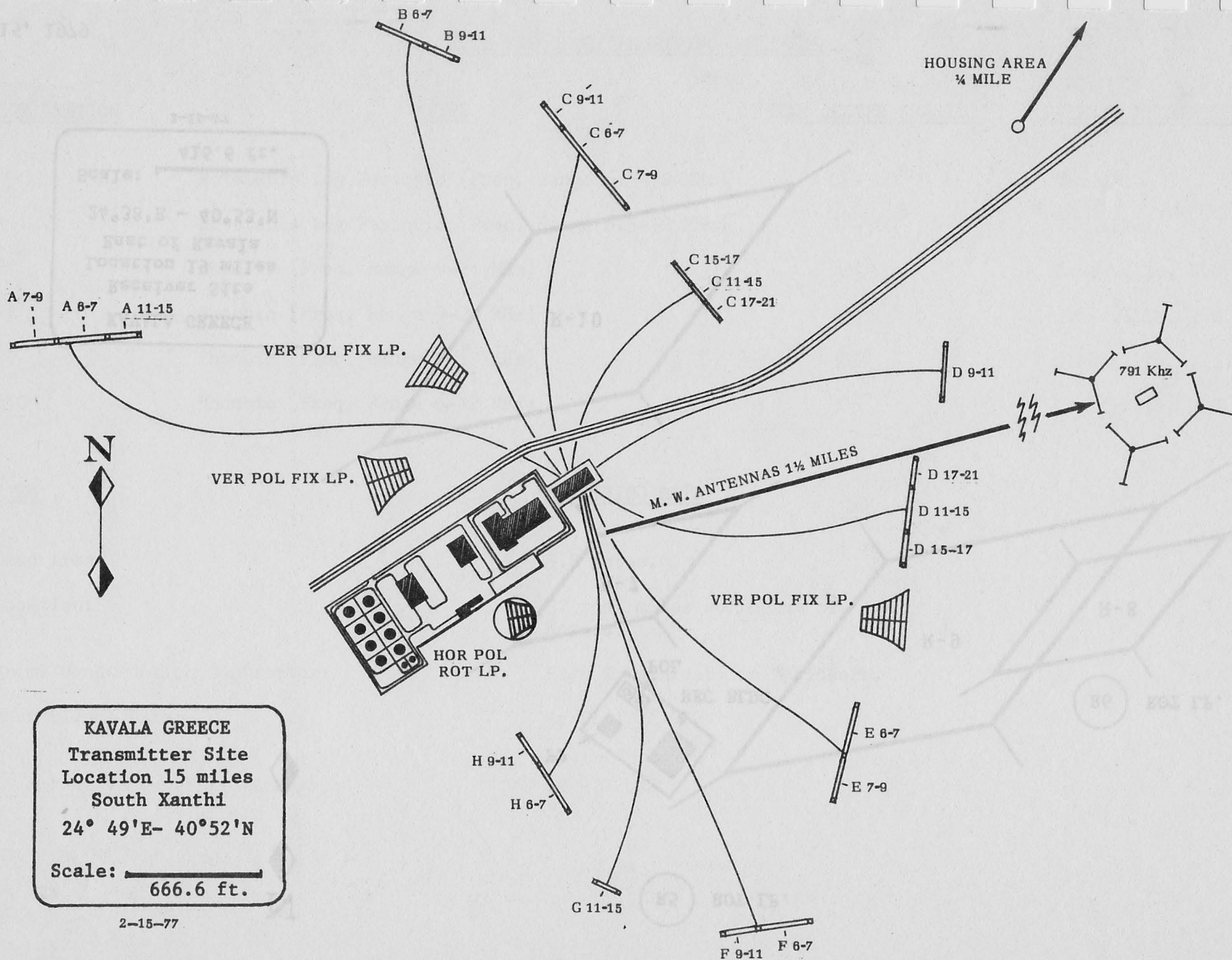
305	R9	R	6.1	19	19°	14°	17°
			9.6	22	11°	8°	11°
			11.8	21	8°	6°	9°

305	R10	R	6.1	19	19°	14°	17°
			9.6	22	11°	8°	11°
			11.8	21	8°	6°	9°

0-360	R5	LP	6.5	14	65°	-	90°
			32.0	14	65°	-	90°

0-360	R6	LP	6.5	14	65°	-	90°
			32.0	14	65°	-	90°





KAVALA GREECE  
Transmitter Site  
Location 15 miles  
South Xanthi  
24° 49'E- 40° 52'N

Scale:  666.6 ft.

2-15-77





R5 ROT LP.

PP

REC BLDG

POL

R-7

R-9


R6 ROT LP.

R-8

R-10

KAVALA GREECE

Receiver Site  
Location 19 miles  
East of Kavala  
24°38'E - 40°53'N

Scale:   
416.6 ft.

2-15-77

KA-15, 1979



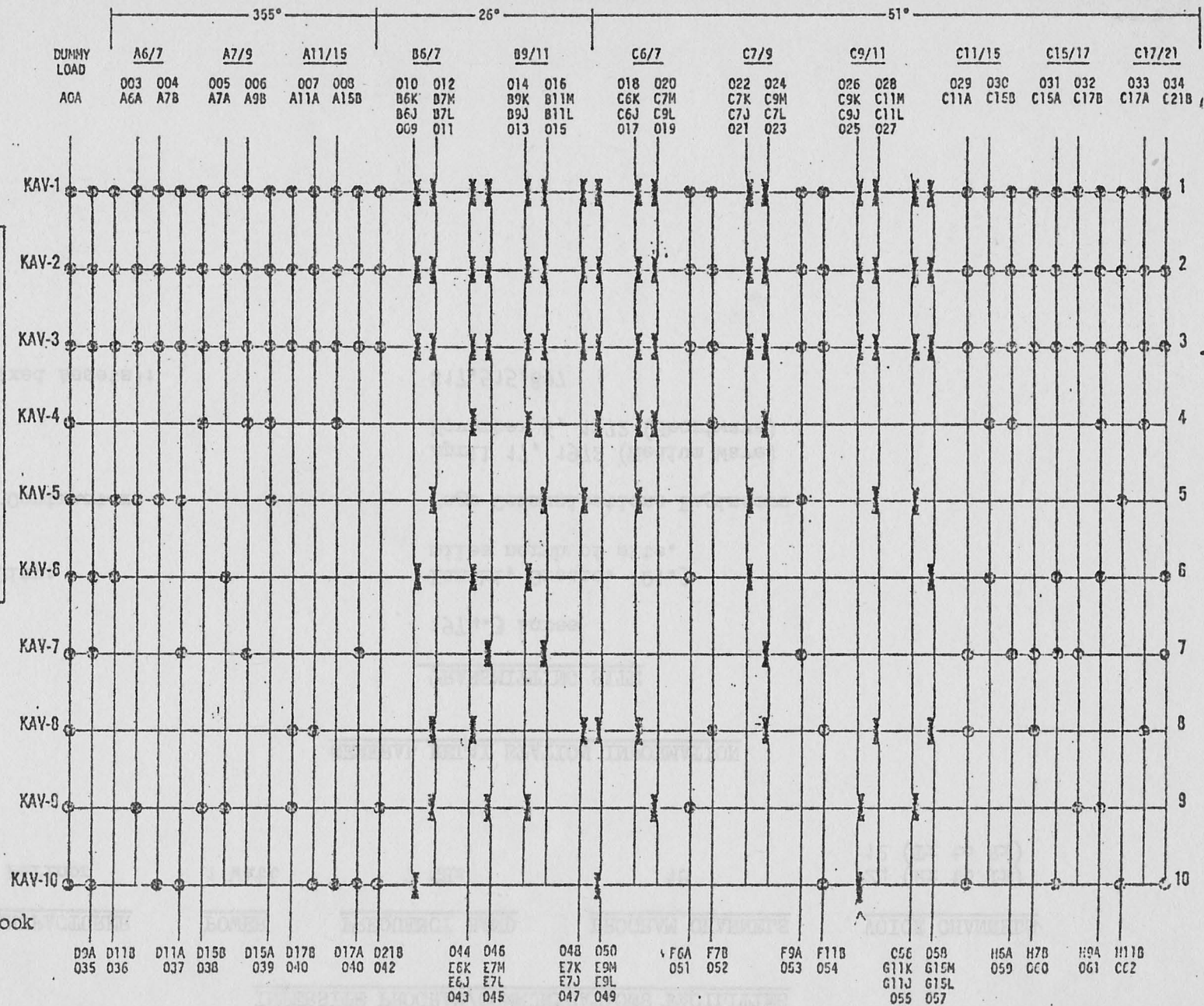
INTERSITE PROGRAM/COMMUNICATIONS FACILITIES

<u>TYPE</u>	<u>MANUFACTURER</u>	<u>POWER</u>	<u>FREQUENCY BAND</u>	<u>PROGRAM CHANNELS</u>	<u>VOICE CHANNELS</u>
Microwave	Farinon	1 Watt	7 GHz	18	24 (Rx to Tx) 12 (Tx to Rx)

GENERAL RELAY STATION INFORMATION

<u>ITEM</u>	<u>TRANSMITTING SITE</u>
Land Area:	1974.3 Acres
Nearest Principal City:	Xanthi, Greece. 21.3 miles north of site.
Prime Construction Contractor:	Page Communications Engineers
Operational Date:	April 17, 1972 (Medium Wave) November 5, 1972 (Shortwave)
Inventory Value (Fixed Assets):	\$17,515,897





**KAVALA ANTENNA SWITCHING MATRIX**

⊙ = Access to Non-Sleuable Antenna

⌈ = Access to Sleuable Antenna

First Letter: Antenna Azimuth

Center Digit: Frequency Band

Last Letter:

A = Lower Band, Non-Slewed  
B = Upper Band, Non-Slewed  
J = Lower Band, Slewed Down  
K = Lower Band, Slewed Up  
L = Upper Band, Slewed Down  
M = Upper Band, Slewed Up

OA Facilities Handbook  
1979

KA-17, 1979