

AGENDA MATERIALS  
AND SUPPORTING DOCUMENTS  
FOR THE MEETING OF  
SEPTEMBER 2, 1971

MINUTES OF BUDGET AND CONTROL BOARD MEETING

SEPTEMBER 2 1971

- o -

The Budget and Control Board met in the Conference Room of the Governor's Office at 3:00 p. m., Thursday, September 2, 1971, with all Board members in attendance. The meeting was also attended by Messrs. P. C. Smith and W. T. Putnam.

The following business was transacted.

SANTEE-COOPER STUDY - Senator Allen R. Carter appeared before the Board as Chairman of a Committee which was formed as a result of Joint Resolution S.217 for the purpose of studying the proposed harvest of timber which is located on property owned by the South Carolina Public Service Authority. He was accompanied by Mr. Clair P. Guess, Jr., of the Water Resources Commission.

Senator Carter advised the Board that before the Committee could come to a meaningful conclusion with respect to the effects of harvesting the timber in question, it will be necessary to conduct a complete study of the area. This study would cost approximately \$250,000, of which various State agencies would contribute services valued at \$200,000. Senator Carter asked the Board to make the balance of \$50,000 available for the conducting of this study.

The Budget and Control Board advised Senator Carter that no funds were available for projects of this magnitude and suggested that assistance be sought from the Federal Government or that the South Carolina Public Service Authority be contacted with a request to provide such financing. Governor West assured Senator Carter that the Division of Planning and Grants would be glad to assist in any way possible in seeking Federal aid.

The Board requested that a copy of the proposed study be furnished

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to each member. (See Exhibit IV)

COMMISSION FOR THE BLIND - Dr. Sam Lawton, Chairman of the Commission for the Blind, and Dr. Fred L. Crawford, Director, appeared before the Board with the request that they be permitted to initiate the first phase of construction of a facility to house the various activities of the Commission. Dr. Crawford said a definite need existed for facilities to feed blind students and also to train certain of them for food service vocations. He estimated that the initial phase could be completed for \$140,000 and could be financed through Federal funds and private donations, but indicated that the initiation of a food service unit would increase his cost of operations. He further stated that the overall construction project would cost approximately \$2,000,000. (Board members expressed serious doubts that the overall construction project could be completed for the estimated amount.)

The Board requested that Dr. Crawford meet with Mr. Furman McEachern of the General Services Division to work out details of the food service facility and to plan a budget for the increased cost. Specific approval of the project was withheld pending receipt of additional information.

DIVISION OF RESEARCH AND STATISTICS - Mr. Thomas P. Evans, Director of the Division of Research and Statistics appeared before the Board to discuss the economic outlook for the State and reported that the price-wage freeze will probably not have significant effect on South Carolina. He stated that South Carolina holds a good position in overall economic gain, and that original estimates of General Fund Revenue for the fiscal year 1971-1972 will probably be met without the use of escheat monies or the use of sinking fund interest.

Mr. Evans reported that numerous agencies were not cooperating fully with the Division of Research and Statistics in the coordination of



statistical work and received permission to write a letter on behalf of the Board requesting such cooperation from all departments.

PERSONNEL DIVISION - Mr. F. Earl Ellis, Director of the Personnel Division, and his assistant Mr. Lindsay Robinson appeared before the Board to discuss several facets of the administration of personnel affairs for State employees.

The Board gave its approval to the following recommendations by Mr. Ellis.

- 1) All in-grade increases will be frozen in accordance with the Presidential order.
- 2) Individual positions will not be upgraded during the freeze.
- 3) Bonafide promotions will be approved.
- 4) The Personnel Division may require the periodic submission of copies of payrolls from the several agencies in order to perform a personnel audit.
- 5) That the Personnel Division may require all agencies to conform to a single system of submitting personnel data.

Mr. Ellis indicated that he is presently working with the Attorney General to clarify the position of special teachers with respect to the wage freeze. He also stated that he is continuing to develop a Statewide policy for overtime payments and dual employment.

It was also reported that a study was continuing as to the request for reclassification of the Assistant Director of Veterans Affairs, but that time was not a critical element as no action could be taken under the current wage freeze.

DEPARTMENT OF CORRECTIONS - The Board approved a request from the Department of Corrections for the use of \$200,000 of bond funds originally authorized for the maximum security facility in order to match a like amount of Federal funds which were available for renovations at the Central Correctional Institution and at the Wateree River Correctional

Institution. It was understood that the original authorization for the maximum security system would be reduced by this amount.

FORESTRY COMMISSION - The Board received a request from Mr. John Tiller, Director of the Forestry Commission, that his Organization be permitted to sell surplus pine seed which is now on hand; and that the proceeds be used to purchase equipment. The Board authorized the sale but agreed that it did not have the authority to approve the use of the funds by the Department. Therefore, it was recommended that the monies obtained from the sale of the seed be deposited in a special account until the Legislature convenes in January, 1972. The Forestry Commission could then request a special act authorizing the purchase of the equipment.

DEPARTMENT OF PUBLIC WELFARE - DATA PROCESSING EQUIPMENT - The Board approved a request from Dr. R. Archie Ellis, Director of the State Department of Public Welfare that his Organization be permitted to modify its present configuration of data processing equipment. The Board took note of the fact that the departmental request had been thoroughly studied by the Division of Technology Utilization; and that Mr. J. V. Bennett, Director of that Division, had concurred in that request. (See Exhibit I)

DEPARTMENT OF VETERANS AFFAIRS - The Board approved a request by Mr. Hoyt Hill that he be permitted to add a claims representative to the Department of Veterans Affairs as a Grade 16 at an annual starting salary of \$8,000.

CREDIT UNION DEDUCTION - Senator Edgar Brown advised the Committee that he had been requested to obtain information concerning a payroll deduction for savings in the South Carolina State Employees Credit Union. Mr. Henry Mills reported that all such deductions require specific authority of the Legislature, and that more people would be needed to administer the central payroll if such a deduction was added. In view of these facts, no action was taken by the Board.

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AGRICULTURAL MARKETING COMMISSION - SHORTAGE - Mr. P. C. Smith,

Secretary of the Budget and Control Board reported that the Finance Division had determined that there was a shortage in the accounts of the Agricultural Marketing Commission totaling \$10,238. The shortage occurred during the fiscal year 1970-1971 and was apparently caused by embezzlement on the part of a single employee. He further reported that the employee in question was bonded to the extent of \$10,000 and that the loss to the State of South Carolina would be nominal.

The entire matter has been placed in the hands of the Attorney General.

GENERAL SERVICES DIVISION - Mr. Furman E. McEachern, Director

of the General Services Division, appeared before the Board and presented the following items.

PRINTING STATE DOCUMENTS - Mr. McEachern reported that

because of changes in rules of the House of Representatives, bills were being reprinted, as amended; and that this procedure would increase printing costs for the 1971 session. This increase in overall printing expenditures will probably amount to approximately \$80,300 plus certain increased costs for the special session to be held prior to January 1, 1972.

The Board accepted this report as information with the intent of contacting the Legislature for additional funds to cover any deficit which might materialize.

LAND ACQUISITION - NORTH COMPLEX - Mr. McEachern re-

ported that the Division of General Services had made a request of the Mental Health Commission for the allocation of a strip to land adjoining the site of the Sims Building for additional parking. The Mental Health Com-



mission had declined with the request that an orderly plan be devised for the entire area considering the needs for the Mental Health Commission, the Commission for the Blind and the Board of Health.

The Board approved the recommendation of Mr. McEachern that the three agencies involved should work through the Division of Planning and Grants and the General Services Division in solving the apparent problem.

DISPOSITION OF RECORDS - The Board approved the disposition of certain records presently held by the General Services Division, as such disposition had been previously approved by the Director of Archives and History.

TIDELAND PERMITS - The Board approved numerous permits involving tidelands. (A list of these permits is attached, and is designated as a part of Exhibit III)

RENTALS - The Board approved a lease of 3,213 square feet of office space in the Middleburg Office Park. This space will be occupied by the Commission on Alcoholism and will cost \$15,261.75 annually.

The Board approved an extension of the lease between the Insurance Department and the Federal Land Bank Building at an annual rate of \$52,025.50. This figure includes 1,257 square feet of additional space. On behalf of the Personnel Division, the Board approved the rental of 1,500 square feet of space in the Farm Bureau Building on Knox Abbott Drive at an annual rental of \$7,500.

On behalf of the University of South Carolina, the

Board recommended the rental of office space of 350 square feet at 1611 Devonshire Drive at an annual rental rate of \$1,662.50.

The Board approved a one year extension of a lease for office space in the Palmetto State Life Building at an annual rate of \$3,435. This space is occupied by the Office of the Secretary of State.

NEW POSITION - BUILDINGS AND CONSTRUCTION - The Board approved a request by Mr. McEachern that he be permitted to create a position of Architectural Engineer in the General Services Division. This position would carry an employee Grade of 21 and would be financed through the budget of the Buildings and Grounds section.

ACQUISITION OF AUTOMOBILES - The Board approved the purchase and/or trade of numerous automobiles, a list of which is attached. (See Exhibit III)

There being no further business, the meeting was adjourned at

5:45 p. m.



EXHIBIT I  
SEPT. 2, 1971

STATE DEPARTMENT OF PUBLIC WELFARE

R. ARCHIE ELLIS, STATE DIRECTOR  
ROBERT D. FLOYD, DEPUTY DIRECTOR  
P. O. BOX 1520

COLUMBIA, S. C.

29202



STATE BOARD

MRS. T. K. McDONALD, CHAIRMAN  
WINNSBORO  
J. B. GRUBBS, 2ND DIST., SECRETARY  
BARNWELL  
W. W. SMOAK, JR., 1ST DIST., VICE-CHAIRMAN  
WALTERBORO

STATE BOARD

JAMES H. SHERARD, 3RD DIST.  
ABBEVILLE  
THOMAS L. POTEAT, 4TH DIST.  
GREENVILLE  
MRS. J. DERHAM LEWIS, 6TH DIST.  
MULLINS  
REV. FREDERICK C. JAMES, 5TH DIST.  
SUMTER

August 12, 1971

Mr. P. C. Smith, Secretary  
State Budget and Control Board  
P.O. Box 11333  
Columbia, South Carolina 29211

Dear Mr. Smith:

The Department of Public Welfare has determined that certain systems and computer equipment changes are necessary to the effective operation of this Department.

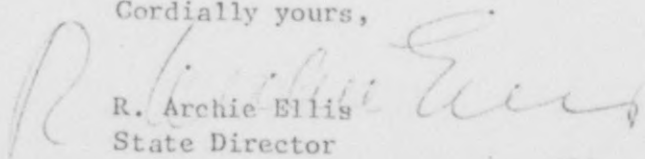
Accordingly, discussions have been held with all of the interested computer vendors pursuant to selecting the best vendor to support this effort in the future; all deliberations have been held in cooperation with the Division of Technology Utilization, in accordance with the directives of the Board. Proposals were received from five vendors; while the IBM Corporation is our present vendor, we have selected RCA Corporation as the vendor for our future computer system.

Contract negotiations with RCA have been initiated by the Division of Technology Utilization in our behalf.

Budget and Control Board approval of this replacement of systems is requested. The essence of the financial data is that RCA will install our version of a Medicaid Control System at no cost, will convert all our IBM programs to the RCA equipment at no cost, with monthly rental costs as follows:

Present IBM Rent	\$16,014
plus average excess use charge	<u>125</u>
Total	\$16,139
Future RCA unlimited use charge	<u>\$15,660</u>
Reduction in Rent	\$ 479

Cordially yours,

  
R. Archie Ellis  
State Director

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STATE OF SOUTH CAROLINA  
DIVISION OF TECHNOLOGY UTILIZATION

STATE BUDGET AND CONTROL BOARD

P. O. BOX 11333  
COLUMBIA, S. C. 29211  
803-758-3576

JOHN C. WEST  
GOVERNOR

August 24, 1971

JEROME V. BENNETT  
DIRECTOR

Mr. P. C. Smith, Secretary  
State Budget and Control Board  
P. O. Box 11333  
Columbia, South Carolina 29211

Dear Pat:

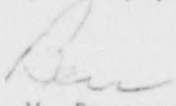
With regard to Dr. Ellis' letter of August 12, attached, an independent evaluation of the five vendor proposals for the Public Welfare data processing system was conducted by my staff. Our study, which considered all factors excluding price, ranked the proposals: RCA, IBM, Honeywell, Univac, and NCR, in order of preference. The price comparison showed that RCA bid the low price.

In accordance with directives of the Board, this Division participated fully with the Department in all phases of the procurement. We are in agreement on the vendor selection.

We concur with the Department that the Medicaid System is urgently needed. RCA's proposal is to tailor the State of Florida's system to our needs; this principle of adopting an operational system in lieu of the more expensive and slower technique of designing from the ground, up, is South Carolina's only hope of economically developing comprehensive computerized systems.

7 ( It is recommended that the Board approve the Department's request to contract with RCA for supplying the Public Welfare data processing system.

Very truly yours,

  
J. V. Bennett  
Director

JVB:sc

cc: Dr. R. Archie Ellis

Project 7128

STATE BUDGET AND CONTROL BOARD  
Division of General Services

EXHIBIT III

SEPT. 2, 1971

Agenda

September 2, 1971

✓ I. Printing State Documents - Anticipated Deficit

Because of changes in House rules, bills are being reprinted as amended, which greatly increased printing costs for the 1971 session. For the fiscal year 1971-72 we have available \$ 301,289.85. It is expected that the costs for the year will be as follows:

Estimated expenditures for 1971 session	99,569.78
1972 Session Jan. - June, 1972 (Based on actual '71)	204,970.27
1970-71 Annual Reports	77,062.78
	<hr/>
	381,602.83
Anticipated Deficit (Does not include special session)	80,312.98

*info  
will approach  
legislature in  
Jan.*

It is recommended that the Board request agencies to accept the cost of printing their annual reports for 1970-71, and that the House and Senate be requested to allocate whatever funds they might have available to absorb a part of the printing costs for the year.

It is further recommended that the budget allocation for legislative printing be carried in the joint accounts of the House and the Senate.

✓ II. Land Required for Sims Building Addition

The Division of General Services made a request of the Mental Health Commission for allocation of a strip of land joining the site of the Sims Building to be used for additional parking upon completion of the addition to the Sims Building.

The Mental Health Commission declined this request with the recommendation that this Division work with the Mental Health Commission and the Commission for the Blind for an orderly plan of use of property in this area.

*see attached*

It is recommended that the Board ask the three affected agencies to work through the Division of Planning & Grants to solve the apparent problems.

✓ III. Disposition of Records

It is recommended that the Board approve disposition of records as approved by the Director of Archives & History for the months of July and August, 1971.

*OK*

IV. Acquisition of Cars

It is recommended that the Board approve acquisition of 1972 passenger vehicles shown on the attached page.

*OK*



ok - V. Interim Action - Purchase and Trade of Vehicles

College of Charleston - Purchase one 1971 Ford or equal 10 passenger van wagon to transport students to and from parking lots and general use of the college

Department of Juvenile Corrections - Purchase one 1971 10 passenger station wagon to be assigned to Fiscal Affairs Department Motor Pool

Technical Education - Purchase one 1971 Plymouth station wagon to replace same model vehicle which was demolished in wreck

Library Board - Purchase one 1971 Ford Custom 500 to be assigned to State Librarian and to be used for official staff use

ok ✓ VI. Interim Action - Tideland Permits

In accord with established procedures the attached sheets of permits have been granted after review and recommendations by all State agencies involved.

ok VII. Interim Action - Space Rental

Commission on Alcoholism - It is recommended that the Board approve a lease at Middleburg Office Park for 3,213 square feet at an annual rental rate of \$ 15,261.75.

ok Insurance Department - It is recommended that the Board approve extension of the lease between the Insurance Department and the Federal Land Bank Building for a year beginning July 1, 1971 at an annual rental rate of \$ 52,025.50. This figure includes 1,257 square feet in excess of space presently maintained.

### Acquisition of Cars

10 Division of General Services - Purchase ten 1972 Ford Custom 500 Sedans to be placed in the Motor Pool

University of South Carolina - Purchase one 1972 Ford Country Sedan to be used between main USC Campus and Regional Campuses

Trade one 1969 Ford Wagon for one 1972 Ford Custom 500 Station Wagon

5 Trade three 1970 Ford Custom 500 Sedans for three 1972 Ford Torino Sedans to be used for Campus Police Department

1 Department of Corrections - Purchase one 1972 Ford Galaxie to be assigned to Assistant Director, Research, Planning & Development, for State-wide department use

2 Winthrop College - Purchase two 1972 Plymouth Fury II Sedans for faculty/staff use in State travel, second vehicle to replace 1968 Ford Custom 500 which has advanced mileage

1 Clemson University - Purchase one 1972 Van - 8 passenger for use in the Poultry Department

80 Trade 79 vehicles for 80 4-door sedans (most efficient and economical method of providing travel to University personnel)

5 Purchase five 4-door sedans to increase the size of the Motor Pool

3 Purchase three 4-door sedans for use in the Security & Physical Plant Div.

12 Trade 12 station wagons for twelve 1972 8-passenger wagons

14 Trade 14 vans for fourteen 1972 vans

from Rep 80 Medical University of South Carolina - Purchase one 54-passenger school bus

1 - Trade one 1968 Oldsmobile for one 1972 Oldsmobile to be assigned to President

X State Board of Health - Purchase one 1972 Ford Galaxie 500 to be assigned to the Director of the Charleston County Health Department

SLED - Purchase three 1972 Ford Galaxie 500 or Chevrolet Impala Sedans for department use (agents)

✓ ETV - Trade four used station wagons for three 1972 Station Wagons and one 1972 Sedan - necessary for production crews' transportation

### \*\* Acquisition of Plane

Wildlife Resources Department - Purchase one Model 180 Cessna, less trade-in on a 1962 Cessna 180

## Permits

### Anderson County

Jones, Oren O. - construct and maintain a discharge line into Hartwell Lake

### Beaufort County

Amrine, Horace F. - construct a floating dock on Factory Creek

Baucom, George E., Jr. - construct a wharf and floating dock in Factory Creek

Beaufort-Jasper County Water Authority - install a water main under the Beaufort River

City of Beaufort - construct an interceptor sewer line, rip-rap, and lift station adjacent to the Beaufort River

Cooper, Philip W. - construct a wharf for private residential use

County Council of Beaufort County - construct an earth embankment and two drainage canals adjacent to Harbor River

Danielson, Harold O. - construct a pier and floating dock in an unnamed creek adjacent to Factory Creek and Beaufort River

Dulany, Susan S. - extend a dock on Okatee River

Fearon, Charles - construct wharf and floating dock for private use

Gurganus, William R., Mr. & Mrs. - construct a wharf, floating dock, and ramp connecting wharf and floating dock in Calibogue Bay

Haigh, C. C., Supervisor of Beaufort County - construct road from Secondary Road S-7-256 to Doggie Island

Hilton Head Harbor Marina - redredge boat basin

Kissling, Louis K. - construct a wharf and float

Kreidler, H. E. - construct a wharf, floating dock, and a ramp connecting wharf and floating dock in Baynard Creek

Lighthouse Beach Company - construct a wharf

Lighthouse Beach Company - construct wood walk structures extending over existing seawall

Lighthouse Beach Company - install navigation aids

Pringle, Wyatt B. - construct a floating dock and pier in Factory Creek

Rundquist, Eric A. - construct a wharf and floating dock in Factory Creek

Sea Pines Plantation Company - beach nourishment (dredging)



Smith, G. Stewart - construct a wharf, floating dock, and ramp connecting wharf and floating dock in Calibogue Bay

Spanish Wells Plantation, Inc. - dredging to deepen a portion of an existing creek off Broad Creek

Stafford, R. H. - construct a wharf and floating dock

Vincent, S. - construct a wharf and floating dock

#### Berkeley County

Atlantic Creosoting Company - dredge a barge slip in the West Branch Cooper River

Smith, Ray M., Sr. - dredge in Turkey Creek

Smith, Ray M., Sr. - approval of plans for an existing canal and proposed excavation in Turkey Creek

U. S. Navy Department, Naval Weapons Station - approval of plans for existing solid waste disposal areas in Goose Creek and Foster Creek

#### Charleston County

Ambrose, Lyla S. - repair existing pier and bulkhead in Adams Creek

Bell, Weldon O. - construct a floating dock in Big Bay Creek

Brockman, W. Clark - approval of plans for an existing floating dock in Frampton Inlet

Buchanan, Kenneth O. - construct a pier on Hamlin Creek

Burkett, Michael J. - construct a floating dock and pier in Hamlin Creek

Charleston Trident Chamber of Commerce - construct an artificial fishing reef in the Atlantic Ocean

Claussen, August C., Jr. - construct a pier in a tributary of Molasses Creek

Coleman, Hasell L. - construct a boat launching ramp in Shem Creek

Cope, Rodney A. - dredge an existing canal and slip adjacent to Hamlin Creek

Coward, Ronald C. - construct a pier, bulkhead and fill in Charleston Harbor

County of Charleston - perform maintenance dredging in Three Canals

Demetre, Milton P. - construct a dock in the Ashley River

Demetre, Milton P. - construct a rock bulkhead and filling adjacent to the Ashley River

Diocese of South Carolina - construct groins in North Edisto River

Dukes, T. C. - approval of plans for an existing floating dock on Orange Grove Creek

Fischer, Mrs. L. C., Jr. - construct a pier on the east bank of the Stono River

Goer, Ernest - construct a pier, floating dock and fill in Wappoo Creek

Gulfstream Dredging Company - dredge in Town Creek

Harrelson, James P. - construct piers and floating docks in Big Bay Creek

Lamb, James P. - approval of plans for an existing bulkhead and pier in Shem Creek

Livingston, Philip H. - dredge in vicinity of Folly River

Luttrell, James C. - construct a floating dock and pier in Oak Island Canal

McCain, Audley H. - construct a pier and floating dock in Orange Grove Creek

McCrady, John - approval of plans for an existing pier and anchor mooring in  
Leadenwah Creek

Meek, J. W. - construct a pier and boat slip in Stono River

Pederson, J. F., Jr. - construct a wharf in Wadmalaw River

Riley, Joseph P. - perform maintenance dredging in Conch Creek

Sandblasters, Inc. - extend a marine railway and dredge in front of shipyard facility in  
Stono River

Smith, Frederick A. - construct piers & floating docks, bulkhead & fill and dredging in  
Ashley River

Smith, Hugh E. - construct a floating dock in Shem Creek

S. C. Electric & Gas Company - construct a 115 KV electric transmission line over the  
Ashley River

S. C. State Highway Department - repair and extend groins in the Atlantic Ocean

S. C. State Ports Authority - fill and rip-rap in Cooper River

S. C. State Ports Authority - extend existing dock on Town Creek

S. C. State Ports Authority - construct a passenger facility on existing dock in Cooper  
River

Strider, James W. - construct a dock in Wappoo Cut

Westvaco - construct an outfall structure in Cooper River

S. C. Wildlife Resources Department - perform additional dredging and bulkhead  
construction in Charleston Harbor

Cherokee County

Colonial Pipeline Company - construct a Heat Exchange Facility on Broad River

Colleton County

Donnelley, Gaylord - construct landing sites

S. C. Electric & Gas Company - relocate a 13.8 KV aerial distribution line across  
Edisto River

Southern Bell Telephone & Telegraph Company - place a temporary overhead telephone  
cable across Edisto River

Georgetown County

Bostick, T. C. - perform maintenance excavation of a sand bar in Unnamed Canal in the  
vicinity of Murrells Inlet

Georgetown Steel Corporation - revalidation of permit # 309 issued Dec. 13, 1967 and  
revised February 11, 1969 for construction of an artifical fishing reef in the  
Atlantic Ocean

International Paper Company, Southern Kraft Division - perform maintenance dredging  
in Sampit River

Nance, Paul H. - perform maintenance excavation in Alston Creek

Patterson, Manning B. - construct a dock in Salt Creek

Tapp, James L., Jr. - approval of plans for an existing pier in Salt Creek

Horry County

U. S. Transportation Department - Federal Aviation Administration - construct a stone  
breakwater on the Intracoastal Waterway

Jasper County

Union Camp Corporation - construct and maintain a discharge structure

Newberry County

S. C. Electric & Gas Company - construct a 230 KV electric transmission line over the  
Broad River



Addenda

I. Acquisition of Cars

ok - SLED - Purchase thirty (30) 1972 Oldsmobile Delta 88 4-door sedans for law enforcement officers and three (3) 1972 Oldsmobile Cutlass hardtop coupes for officers. Approximately 30 cars will be sold when they receive the new vehicles, all of which will be at least 1970 models and have very high mileage.

II. Space Rental

✓ ok - Personnel Division - It is recommended that the Board approve the lease for space in the Farm Bureau Building at an annual rental rate of \$ 7,500 for 1,500 square feet.

✓ ok - University of South Carolina - It is recommended that the Board approve office space lease at 1611 Devonshire Drive for 350 square feet at an annual rental rate of \$ 1,662.50.

✓ ok - Secretary of State - It is recommended that the Board approve extension of lease for office space in the Palmetto State Life Building for one year at an annual rental rate of \$ 3,435.00.

III. ✓ New Position - Buildings & Construction

ok - The Division is in the midst of a \$ 22 million capitol expansion program, and this is being handled largely by two employees: mechanical engineer and an engineering assistant. In order that better supervision and closer planning may be provided it is recommended that the Board authorize creation of a position Architectural Engineer, Grade 21. Funds can be made available from Buildings and Grounds' budget to finance this position.

The Senate  
State of South Carolina



Columbia  
September 2, 1971

EXHIBIT IV  
SEPT. 2, 1971

ALLEN R. CARTER  
SENATOR, CHARLESTON AND  
BERKELEY COUNTIES  
SENATORIAL DISTRICT NO. 14  
SENATE OFFICE NO. 4

HOME ADDRESS:  
BOX 5244  
NORTH CHARLESTON, S. C. 29406

COMMITTEES:  
AVIATION  
COMMERCE AND MANUFACTURES  
FEDERAL RELATIONS  
LEGISLATIVE LIBRARY  
MILITARY  
NATURAL RESOURCES  
PENAL AND CHARITABLE INSTITUTIONS

TO THE HONORABLE MEMBERS OF THE SOUTH CAROLINA BUDGET AND CONTROL BOARD

Gentlemen:

On March 17, 1971, a Concurrent Resolution (S.217) was adopted by the General Assembly calling for restraints on the part of the South Carolina Public Service Authority with respect to proposed timber harvest on designated sites of the Santee-Cooper basin and under jurisdiction of the Authority. This resolution also called for the establishment of a committee of the General Assembly to study the environmental impact that may result from the proposed timber harvest should it become effective. A copy of the resolution (S.217) is attached, for its full text should be considered.

Subsequently, the Committee was appointed and has been at work beginning in July. After careful review, we find the questions involved are very complex in nature and require the input of technically trained and natural resource oriented persons in order to design a respectable study adequate in scope to meet the intent of the resolution.

Therefore, for a period of nearly six weeks, a representative task force representing several of the scientific disciplines has meet and at the Committee's request prepared a design of a study which was adopted September 1 by the Committee as a whole by unanimous vote of those present.

I should point out that the design of this study (copy of which is attached) requests a minimum of involvement of intensive study and data

collection during each of the consecutive four seasons of a year.

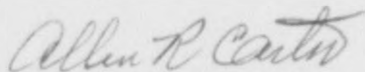
This proposed study includes the proposal that each and every state or federal agency representing the several disciplines involved would be called upon to devote manpower and materials within their current budgets wherever it can be done. However, there is a need for approximately \$50,000 to \$60,000 in order to supplement the inputs of the Biology Department of the University of South Carolina, the Forestry Department of Clemson University, and the S. C. Water Resources Commission, and also obtain minimum consulting services from the private sector in order to facilitate this study. By contrast, it is estimated that such a study, if done by private firms, may exceed \$250,000.

The Committee on September 1 also adopted a motion directing the Chairman to request supplemental funds in the amount of approximately \$50,000 from the Budget and Control Board in order to proceed immediately with the plan of the study and in order to take full advantage of the fall season of 1971.

That is the purpose of my appearing before you at this time. It has been suggested that probably this sum could come from the Civil Contingency funds of the State or maybe other available funds from State Planning and Grants.

A tentative copy of the proposed budget is herewith attached.

Respectfully submitted,



Allen R. Carter, Chairman  
Interim Study Committee Concerning  
the Harvesting of Timber in the  
Santee-Cooper Basin

Attachments



TENTATIVE PROPOSED BUDGET

SANTEE BASIN TIMBER HARVEST STUDY

<u>Agency or Discipline</u>	<u>Tentative Amount</u>
Biology Department, University of South Carolina - 4 man years (Graduate Students), equipment, travel for the development of data related to studies of the flora and fauna investigations including insects, amphibians and reptiles	\$15,280
Forestry Studies - Clemson University and Consultant Private Foresters including aerial photographs, statistical data processing, field equipment, etc.	7,598
South Carolina Water Resources Commission with employment of guides, part-time subprofessional assistance, printing and publication of the report	5,000
Ornithological Consultant	2,500
Consulting services of a selected consulting firm having the capacity to provide economic evaluations of alternates related to use of the area based upon data collected from the proposed task force and/or Federal employees including also values related to "user days" as well as recreational hunting and fishing values	20,000
	<hr/> \$50,378

## AMENDED THE SECOND TIME

March 17, 1971

Calendar No. S. 217

Introduced by SENATORS GRESSETTE, RICHARDSON,  
WILLIAMS, DRUMMOND and MORRIS

S. Printer's No. 156—S. Read the first time February 23, 1971.

## A CONCURRENT RESOLUTION

Directing the South Carolina Public Service Authority to Refrain from the Harvesting of Timber Designated as Blocks One, Two and Three Within the Santee-Cooper Basin in Calhoun and Sumter Counties; and to Provide for an Interim Study Committee Concerning the Harvesting of the Timber.

Whereas, the waters and swamps within the Santee-Cooper basin afford great opportunities to thousands of citizens of this State who desire to hunt, fish, swim, boat, ski and camp; and

Whereas, these areas are a vast tourist attraction for these same purposes; and

Whereas, numerous studies project that within the next ten years over seven million vehicles will bisect this area annually; and

Whereas, the same projections indicate a possible expenditure of over two hundred million dollars annually by the persons traveling this area; and

Whereas, these studies unequivocally recommend that the natural environment in the area be preserved at all cost; and

Whereas, it has been brought to the attention of the General Assembly that the South Carolina Public Service Authority plans to harvest the timber from over ten thousand acres located in Calhoun and Sumter Counties; and

Whereas, this timber harvest could bring about an ecological imbalance with devastating results to the preservation of the fish, fauna and fowl, thereby depriving our citizenry and the thousands of tourists of this most valuable asset. Now, therefore,

*Be it resolved* by the Senate, the House of Representatives concurring:

That the South Carolina Public Service Authority shall refrain from having any timber designated as blocks one, two and three within the Santee-Cooper basin lying within Calhoun and Sumter Counties from being harvested for a period of one year from the date of the adoption of this resolution.

There is hereby created a committee of ten members, five of whom shall be members of the Senate appointed by the President and five shall be members of the House of Representatives appointed by the Speaker. The committee shall meet and organize as soon as all members have been appointed and upon the call of the senior senator. The committee shall study the effect of the harvesting of timber in the Santee-Cooper basin and report its findings and recommendations as soon as practicable and at least within one year after the adoption of this resolution.

The committee may retain the services of experts to assist in the study of this matter and all State agencies are requested to cooperate with the committee concerning this study.

Any expenses which may be incurred shall be paid from the approved accounts of both Houses not to exceed a total of five thousand dollars.

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A PROPOSED OUTLINE  
FOR  
A STUDY TO DETERMINE THE EFFECTS OF THE  
HARVESTING OF TIMBER IN THE SANTEE-COOPER BASIN

The legislative committee that was created to study the effects of a proposed timber harvest in the Santee-Cooper Basin appointed a task force to organize and coordinate such an investigation. Thus far, the main responsibility of the task force has been to prepare a detailed outline of an appropriate study. The Water Resources Commission was designated the responsibility to lead the task force and solicit the assistance of other groups and individuals as believed to be desirable.

The outline or study proposal, which comprises the bulk of this report, describes, in the opinion of those who participated in its conception, an undertaking that will represent the best effort possible within the allotted study period of one year. When an attempt is made to evaluate the ecology of an area, it should be done so only with the understanding that nature is a dynamic lady perhaps never revealing the same face. If we realize beforehand, therefore, that in looking at only a brief span of time, we may be examining a period that possesses some unusual traits. The study results, however, if viewed in the proper light, can become very helpful as a beginning point and also a reference point for future ecological inquiries.

Most of the studies will be seasonal, thereby necessitating the yearly study period previously mentioned. At the conclusion of the field investigations, an additional time period of six months will be needed to examine and interpret the data collected by the various study participants. Recommendations made as a result of this endeavor will represent an effort to

combine the knowledge gathered by the various disciplines that will participate in the study and who are believed to represent the best technical skills available within the State.

We know that in nature, systems are inescapably intermingled. Only then by treating the information gathered from this particular area as a whole can correct conclusions and subsequently knowledgeable recommendations be made.

#### Purpose

The purpose for conducting this investigation is best explained by the Concurrent Resolution (Calendar No. S.217) adopted by the South Carolina House of Representatives. The Resolution reads as follows:

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"The committee may retain the services of experts to assist in the study of this matter and all State agencies are requested to cooperate with the committee concerning this study.

"Any expenses which may be incurred shall be paid from the approved accounts of both Houses not to exceed a total of five thousand dollars."

This Resolution requires, therefore, that the study should investigate the possible ecological consequences of the proposed timber harvest and also the effects the cutting could have upon current and future recreational use of this area.

#### Major Objectives

- A. Inventory the flora in the proposed harvest area. Determine in what ways the cutting of timber in this area could influence this resource and the use of this resource as a source of food and habitat for wildlife. Determine if there are any rare and endangered species and if so the effects of timber harvest upon them.
- B. Inventory the fauna in the proposed harvest area. Determine in what ways the cutting of timber in this area could influence this resource. Special attention should be given to endangered species.



- C. Determine in what ways and to what extent this area is currently used and could best be used in the future.
- D. A broad based determination of values with respect to the proposed methods and timing of the timber operations both from a short range in time as well as future projections.

#### Areas of Investigation

##### I. Floral Investigations

##### A. Timber Related Inventory

Department of Forestry, Clemson University  
South Carolina Forestry Commission  
U. S. Forest Service  
Consultant

The Department of Forestry, Clemson University, designed the following proposal:

Based on research information and observations applied in conjunction with the cutting specifications and information from the recent timber cruise, the effects of cutting as it pertains to the establishment of a new stand can be generally established. However, the study committee has determined that a primary question centers around the effect the cutting will have on wildlife populations. Because the species and numbers of wild animals are closely related to the amounts and types of habitat available, the situation warrants the collection of specific information regarding the forest stands on the area.

Accordingly, the task becomes one answering the following questions:

1. What will be the distribution, number, size and species of trees that will be cut and that will be left?
2. How many of the leave trees are of the type that produce food for wildlife?
3. How many den and/or cull trees are on the area and how many will be left?
4. What will be the rate of growth of the leave trees?

5. What is the type and amount of seedling and sprout regeneration that is now present and can be expected?
6. Examine water fluctuations as determined from water line measurements on trees, et cetera.

By answering these questions about the forest with sound statistically supported data, projections can be made concerning the future of other resources on the area. This proposal is presented with the constraints of time and financial support in mind. Accordingly, the proposal has been designed to provide the maximum amount of information within these constraints.

#### The Sampling Scheme

The area that has been designated as Block I in the proposed timber sale is the area to be sampled. Blocks II and III are primarily pine stands, relatively small and do not seem to present the same problems as those confronted in Block I. They will be studied by taking transects through them. Therefore, only Block I is included in this sampling scheme.

Block I will be sampled on a modified grid using a clustered plot arrangement at randomly located grid intersects. A cluster will consist of one plot at the designated grid intersect, and three satellite plots. The block will be stratified by type using three cover types - ridge hardwood, low hardwood, and the tupelo-cypress type. Some sample sites should also be located in the unproductive areas within Block I to obtain sufficient data to more accurately determine vegetative species composition. The number of samples in each type will be statistically determined based on prior knowledge taken from the recent timber cruise. To insure an unbiased random scheme, intersects to be sampled will be selected by generating in a computer a random set of numbers corresponding to the number of samples required within each cover type.

#### Plot Location and Data Collection

When the numbers and map locations of the intersects to be sampled have been determined, their location will be established on aerial photographs. The course and distance from a recognizable topographic feature - designated as a point of entry (PE) - to the sampling point will be scaled from the photograph. All PE's and plot centers will be established, witnessed and marked so they can be located in the future.

The data to be collected is partially included on the tentative field data sheet attached to this report. Additional categories can be added if the other scientific disciplines involved in the study desire information of the nature that can be obtained under the sampling scheme outlined.

It is estimated that 60 man-days will be required to collect the forestry data. Each crew should consist of one professionally trained forester, an experienced forestry technician, and a guide who is familiar with the area and with the operation of a small boat. One or two crews could be used. The guide should also be capable of being trained to assist in collecting data. To expedite the collection of related data, personnel from other agencies involved in the overall study should, if possible, accompany the forestry crews.

#### B. Floristic Studies

Dr. Wade T. Batson, Biology Department  
University of South Carolina

These studies will provide data concerned with the base of the food web of the swamp ecosystem. The basic study will be a quantitative and qualitative inventory of all vascular plants in the areas designated as Blocks I, II, and III. Due to the large size of the area, statistical sampling methods will be used; these will be coordinated with the sampling done in the forestry inventory. But unlike the forestry sampling, these



floristic surveys, of necessity, will be conducted seasonally. The field data will provide a basis for a modern approach to floristic and community analysis. The floristic survey will also provide information on the presence of rare and/or endangered plant species. From these data, opinions as to the expected changes in stand composition and community structure, if the canopy is opened by timber harvest, would be offered.

The floristic studies are designed to be coordinated, as far as possible, with studies being conducted by other agencies. The sampling will be coordinated with the grid system being used by other studies. These studies are designed to form base lines for any studies which may continue.

## II. Faunal Investigations

### A. Inventory of Insects, Amphibians, and Reptiles

Dr. E. F. Thompson, Biology Department  
University of South Carolina

The total faunal studies will be divided among several state and federal agencies. The studies conducted by the Biology Department of the University of South Carolina will be in two parts: Insects, and Amphibians and Reptiles. Since no sampling method will operate with equal efficiency for all forms in these groups, the results will be restricted by the sampling methods used. For the insects, two methods will be used: litter samples with extraction by Berlese funnel methods, and probably also light traps. The amphibians and reptiles will be sampled by use of short fences and traps located at randomly selected points on the grid pattern. These data will add to the consideration for community structures and food web previously mentioned. Also these forms, especially insects, are rapidly reproducing forms and hence changes in these populations should rapidly reflect any changes in overall environmental conditions.

As with the floristic studies, these faunal studies are designed to be coordinated, as far as possible, with studies being conducted by other agencies. The sampling will be coordinated with the grid system being used by other studies. These studies are also designed to form base lines for any studies which may continue.

In addition to the reptilian studies being conducted by the University of South Carolina Biology Department, the State Wildlife Resources Department will survey through field investigations the alligator population in the study area. This survey will not attempt to produce a count of the numbers of this endangered species present, but it will shed some light upon the value and utilization of this area as a habitat for alligators.

#### B. Ornithological Studies

Bureau of Sport Fisheries and Wildlife  
S. C. Wildlife Resources Department  
Consultant

Birds occupy important ecological niches in nature. To adequately inventory them within this study area will be a tremendous undertaking. Generally, the size and inaccessibility of this area will prohibit any attempt to obtain a population count for individual bird species. Therefore, the major effort will be directed toward enumerating the species of birds present. Whenever possible, population densities will be estimated.

The Bureau of Sport Fisheries and Wildlife will provide information on the utilization of this study area by waterfowl. These data are collected by aerial inspection trips. This technique should also be helpful in the identification of active eagle and osprey nests. This information will be gathered on a seasonal basis.

The South Carolina Wildlife Resources Department will be requested to assist in the bird inventory. This Department will obtain detailed information

within the next year on the utilization of this study area by wood ducks.

A final specific input into the ornithological studies will be the assistance of Mr. Ted Beckett, a well-known and expertly qualified ornithologist who will conduct a general bird survey within the allotted study period of one year. Mr. Beckett, in not concentrating on one type of bird, will produce a report that reflects the overall importance of this area as a habitat for all species of birds found in the area. The primary system for sampling of the birds of the area will be by seasonal observations. These observations will not be restricted to the grid sites.

These three inputs together will provide excellent information on the species of birds, and to some extent, their numbers, that utilize this area. Furthermore, each participant in this discipline, as in all others involved, will observe, record, and if possible, document with photographs the presence of endangered species, particularly birds that may be located within this study area.

#### C. Fish Surveys

##### S. C. Wildlife Resources Department

If a timber harvest has a deleterious effect on water quality in the vicinity, it could subsequently have an adverse effect on the indigenous fish populations. One aspect of this overall study will be, therefore, to obtain reliable information on the types and abundance of fish that utilize the rivers and streams located within the study area. The Wildlife Resources Department will be asked to conduct this inventory. If agreeable, they will carefully verify and record the presence of any endangered fish species that may be present. Although the details of this particular study have yet to be determined, netting surveys on several designated streams in the study area on a seasonal basis will probably be required.



#### D. Mammalian Studies

S. C. Wildlife Resources Department  
Consultant

With the mammals being studied, all of the classes of vertebrates found in this study area will be included in the faunal investigations. These classes include the bony fishes, amphibians, reptiles, birds and the mammals.

The Wildlife Resources Department will be asked to conduct the mammalian survey during the coming study year. Small traps and visual observations will be the methods commonly employed to determine what species of mammals inhabit this area. At best, some general estimates of population sizes can be calculated from this study. Some of the mammals that probably will be encountered are deer, squirrels, rabbits, mice, raccons, opossums and possibly bobcats and wild hogs. This survey cannot be adapted to the grid system being used in other parts of this study. Observations will be made during the various surveys to obtain some degree of utilization of forage plants by wildlife such as deer.

### III. Related Studies

#### A. Water Quality Survey

S. C. Pollution Control Authority

The possibility exists that harvesting timber in this basin could have an adverse effect on the quality of the water in the area. One such possibility could be an increased addition of organic material (wood, leaves, bark) to the streams and rivers, thereby resulting in an increased biochemical oxygen demand on the system and a subsequent drop in the dissolved oxygen present.

An intensive water quality study should not be required. The Pollution Control Authority should be requested to design a survey on a seasonal basis

that will routinely examine the water quality at several stations throughout the system. Some parameters that could be included are as follows:

- Biochemical Oxygen Demand
- Dissolved Oxygen
- Temperature
- Conductivity
- Turbidity
- pH
- Pesticides

This survey will document the current quality of the water in this system. Any significant future changes in the water quality as a result of some action can, therefore, be identified and the correct steps can be taken to alleviate the situation.

#### B. Soil Characteristics Survey

##### Soil Conservation Service

Information will be obtained from the Soil Conservation Service concerning the soil characteristics in the study area. Such information will be valuable to the foresters in determining predicted stand composition. A soils analysis will pinpoint areas where erosion might occur and where protective action might be recommended.

#### C. Aerial Photographic Information

##### Department of Forestry, Clemson University

Aerial photographs should be procured of the study area during periods of low and high water. From these photographs, some estimate of the amount of habitat covered during periods of flooding can be obtained. Examination of these pictures will also prove helpful to the foresters in their efforts to determine what areas should definitely not be harvested. This decision would be based on the knowledge that regeneration of certain or most types of vegetation would not occur on harvested land if this land is subjected to periodic flooding.

#### IV. Studies to Determine Current and Projected Use of Area

State Department of Parks, Recreation  
and Tourism  
S. C. Wildlife Resources Department  
Consultant

This area is currently enjoyed by many visitors. This use will undoubtedly expand. If one accepts these statements as being essentially correct, then in light of the proposed harvest, several questions must be resolved.


Firstly, how many people currently use this area and for what purposes do they use it. Only by determining how this area is used and how much it is used can the effect that the proposed timber harvest might have on this utilization be calculated.

Secondly, this area may possess recreational potentials and assets that can be developed or preserved which may be more valuable than the economic value of the timber. This should be determined and a study should also determine if the timber harvest would have an adverse effect on this recreational resource or would increased accessibility become an advantage for expanding the number of user days as well as provide greater accessibility for game management programs and protection.

The Department of Parks, Recreation and Tourism, the Wildlife Resources Department, and a consultant will, therefore, be faced with the difficult problem of attempting to evaluate the current and potential value of this area as a recreational resource (not to be limited to fishing and hunting) and to furthermore determine if a timber harvest would significantly affect this current or future use, and if so, to what extent. Hopefully, conclusions will be reached which point out the true value of this land.

#### Conclusion

When the various inputs from the botanist, zoologist, scientists, professional foresters and resource planner are acquired, sound recommendations concerning the future management of the lands can be made.

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## FIELD DATA - SANTEE SWAMP

DATE \_\_\_\_\_  
FIELD CREW \_\_\_\_\_  
AERIAL PHOTO NO. \_\_\_\_\_  
CLUSTER NO. \_\_\_\_\_  
POINT NO. \_\_\_\_\_

BEARING TO CLUSTER  $\phi$  \_\_\_\_\_  
 DISTANCE TO CLUSTER  $\phi$  \_\_\_\_\_ ft.  
 BEARING  $\phi$  TO POINT \_\_\_\_\_  
 DISTANCE  $\phi$  TO POINT \_\_\_\_\_ ft.  
 TIME: PE TO CLUSTER \_\_\_\_\_ min.

## WITNESS TREE DATA

Species	Size	Bear.	Dist.

POINT PHOTO: \_\_\_\_\_

BA FACTOR

CLUSTER  $\phi$  TO POINT \_\_\_\_\_min.

ROLL NO. \_\_\_\_\_

HOUR OF DAY: \_\_\_\_\_

TIME ON POINT ----- min.

PHOTO NO. \_\_\_\_\_

## TREE DATA

CUT ≥ 14" DBH	SPECIES
DBH	
2	
4	
6	
8	
10	
12	
14	
16	
18	
20	
22	
24	
26	
28	
30	
32	
34	
36	
38	
40	

### SAMPLE TREE DATA

	1	2
SPECIES		
DBH		
HEIGHT:		
TOTAL		
MERCH:		
CORE NO.		
CUT		
LEAVE		
DEN		

\*USE DOT TALLY ENCLOSE DOT WITH  WHEN DEN TREE IS TALLIED

## SEEDLING, SHRUB, HERB\*

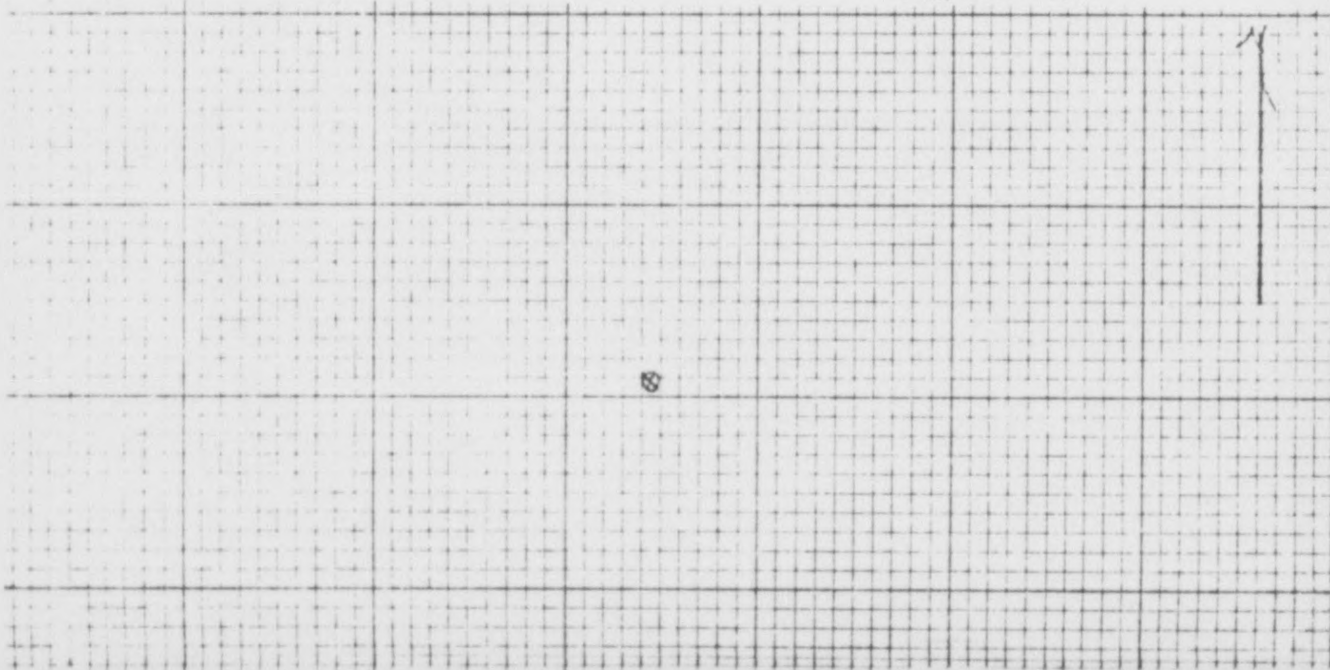
[illegible]

\*USE MILACRE PLOT R = 3.72'

GENERAL OBSERVATIONS: \_\_\_\_\_

SKETCH OF TREE DISTRIBUTION:

1 Square = 4 ft.



E N D