



STATE OF CONNECTICUT

BOARD OF TRUSTEES

FOR THE STATE COLLEGES

80 PRATT STREET - HARTFORD, CONNECTICUT 06103

AREA CODE 203 566-3040

MRS. BERNICE C. NIEJADLIK, CHAIRMAN
JOHN F. ROBINSON, VICE-CHAIRMAN
ERNEST A. JOHNSON, SECRETARY

EXECUTIVE SECRETARY
J. EUGENE SMITH

RESOLUTION

concerning

Acceptance of Gift to Southern Connecticut State Collegefrom Mr. Perry Stevens

December 17, 1969

RESOLVED, That the Board of Trustees for Connecticut State Colleges accepts with sincere appreciation from Mr. Perry Stevens of Stuart, Florida, a gift to Southern Connecticut State College of the 47-foot twin diesel motor sailer, "Estrellita," built by the Williston Boat Works, North Carolina, and launched October 17, 1957.

December 23, 1969

Mr. Perry Stevens
P.O. Box 1073
Stuart, Florida 33494

Dear Mr. Stevens:

At a special meeting of the Board of Trustees for Connecticut State Colleges on December 17, 1969 a resolution accepting your very kind gift of the Estrellita to Southern Connecticut State College was adopted. A copy of the resolution is attached for your records.

May I, on behalf of the Board, express our sincere appreciation to you for this wonderful gift. I am sure that Southern and other colleges of the Connecticut State College System will be able to make excellent use of the Estrellita in their oceanographic and ecological programs.

Sincerely,

W. F. Croft
Associate Executive Secretary

WFC/b
att.

attached to original

SOUTHERN CONNECTICUT STATE COLLEGE
NEW HAVEN

Gift of A Motor Sailor to SCSC

The Board of Trustees of the State Colleges is respectfully requested to accept with sincere appreciation from Mr. Perry Stevens of Stuart, Florida, a gift to Southern Connecticut State College of a forty-seven (47) foot twin diesel motor sailor "Estrellita".

Need For Such A Boat in the College's Instructional Program

At the present time the Science Division (Biology, Earth and Environmental Science Departments) offers twenty (20) different courses which require or would be materially improved by laboratory and field work utilizing a suitable boat of the "Estrellita" class. Secondary education majors preparing to teach science in high school as well as liberal arts science majors will benefit greatly from the field and laboratory studies so essential in today's collegiate programs.

The Departments have been handicapped by the restrictions that are imposed by the lack of a boat to take students and instructors to various locations on Long Island Sound, along the coast and on the rivers to collect specimens and make studies of various conditions. No amount of classroom lecturing and discussion will substitute for research and study of the actual situation. Related laboratory, clinical and field studies have become essential requirements in many courses and programs being offered by institutions of higher education. They not only are needed to extend, strengthen and improve the quality of learning but through such experiences bring real meaning to the student with many beneficial returns.

The cost, the inconvenience, and the almost impossibility of finding and hiring (\$200.00 per day) a suitable boat to transport students and instructors for their course connected with field studies not only is limiting the quality of present offerings but is holding back desirable expansion of the programs in Marine Biology, Marine Science, Earth Science and Environmental Science.

The present science offering of twenty (20) courses which would be materially improved by the utilization of a suitable boat to fulfill the requirements include:

Earth Science Department:

- ** E.S. 320 - Introduction to Marine Science
- * E.S. 421 - Marine Geology
- ** E.S. 200 - Principles of Geology
- * E.S. 321 - Field Studies in Marine Science
- * E.S. 325 - Stratigraphy and Sedimentation
- ** E.S. 120 - General Geology
- E.S. 430 - Geology of Connecticut
- E.S. 501 - Geophysics
- E.S. 512 - Submarine Topography

E.S. 520 - Development of Land forms
E.S. 530 - Stratigraphy
E.S. 201 - Historical Geology

** Courses which are taught every semester

* Courses which are taught during one semester every year.

Other courses listed are taught on a rotational basis, about once every two years.

Biology Department:

Bio. 229 - Invertebrate Zoology
Bio. 232 - Morphology of the Thallophytes
Bio. 327 - Field Natural History
Bio. 429 - Aquatic Biology
Bio. 500 - Ecology
Bio. 430 - Marine Biology
Bio. 525 - Ichthyology
Bio. 536 - Algae

Faculty Research:

R. Radulski - Water mass dispersal
J. Drobnik - Recent sedimentation in Long Island Sound
P. Pellegrino - Marine ecology

The increasing demand for trained manpower in the field of marine life and environmental science is increasing the demand upon institutions of higher education to expand their instructional programs and research activities in these areas. It is hardly possible to pick up a newspaper or magazine, or turn on the TV set without finding an article calling attention to the problems of pollution and the protection of wild life.

The other three State Colleges --Central, Eastern and Western-- have indicated a definite need to utilize the "Estrellita" whenever available and will pay their proportion of the operating cost in taking the boat out on the sound.

Boat Specifications:

Twin Diesel Motor Sailor - Ketch Rigged
 Length: 47 feet
 Beam: 13 feet 6 inches
 Draft: 3 feet 6 inches
 Age: 12 years .. launched Oct. 17, 1957
 Engines .. twin gray diesels - 6 cyl. 65 hp each
 Steel Keel Shoe
 Appraised market value is \$35,000.00
 The estimated replacement cost is \$70,000.00
 The boat is well built with the finest materials and
 well maintained. All metal parts are stainless steel,
 chrome or bronze.

Estimated Annual Operational Costs:

Dockage	\$ 600. a year
Insurance \$40,000 - Hull) \$500,000 - Liability)	900.
Maintenance	1000.
Fuel and Operational Costs	1000.
Part-time Help	\$4000 to 6000.

	\$9500.

Estimated Equipment Costs:

The College now owns a rowboat and has acquired, or is acquiring, any other equipment that will be needed.

Power Winch for Sampling - \$2000 now in Department budget.

A qualified appraiser has examined the "Estrellita" and has attested to its being constructed of excellent materials, sound and in splendid condition.

Hilton C. Buley
 President
 Dec. 17, 1969

Att - copy of Telegram
 " " Survey Report



Telegram

1224A EST DEC 16 69 BA016 AA014

A FJA482 NF NL PDF TDFJ HOLLYWOOD FLO 15
ROBERT A RDULSKI

1969 DEC 16 AM 6 57

ASSISTANT PROFESSOR DEPT OF EARTH SCIENCES SOUTHERN CONNECTICUT
STATE COLLEGE 501 CRESCENT ST NEW HAVEN CONN

REGARDING SURVEY REPORT OF VESSEL ESTRELLITA WE HAVE INSPECTED
MAIN ENGINES AND GENERATOR SET TEST RESULT ARE SATISFACTORY
AND ALL TANKS AND PIPING ARE APPROVED, MASTS-SAILS AND RIGGING
ARE SOUND, ELECTRIC SYSTEM AND ELECTRONIC AIDS TO NAVIGATION
ARE APPROVED. DECKS ARE GOOD, BOTTOM, HULL AND GEAR AND CONTROLS
ARE IN GOOD CONDITION, IN OUR OPINION VESSEL WITH FULLY MEET
UNDERWRITERS REQUIREMENTS ^{WILL}

GLEN D CASTLE STATE LICENSE MARINE SURVEYER 31 SOUTHWEST
4 ST DANIA.

PALM BEACH MARINE SURVEY COMPANY
P. O. Box 12141
LAKE PARK, FLORIDA 33403

Date: December 11, 1969

Phone: V18-2533

Houseboat Diesel Auxiliary Gasoline Sail Yacht Catamaran
Trimaran

Name of Boat: "ESTRELLITA" 1-deck; 2-masts; curved stem; round stern.
Doc. # 280888 Fla. # None

Firm: Mr. Perry Stevens Location: P.O. Box 1073 Stuart, Florida

Ashore Afloat Date Dec. 6-7/69 Gross Tons: 26.40 Net Tons: 21.0
Where ~~Number~~: In berth at Lowe's Boat Yard, Port Salerno, Florida
Owned By: Mr. Perry Stevens Address: P.O. Box 1073, Stuart, Florida
Built By: Williston Boat Works Date 1957 Where Williston, N.C.
Length: 48' Reg. 41.3 Beam: Reg. 13.6 Draft: Reg. 7.3 Type Boat: Motor sailer
Hull Construction: Wood Steel Plywood Plastic Molded Hard chine, plank
Advertised or Estimated speed of Yacht Approximately 8 - 9 knots
Does propeller extend below keel or skeg? Not observed
Make of Engine: Graymarine (2) oil H. P. Total 130 Age of Engine Original
Serial # (Starboard) H-11504 Serial # (Port) H-11503
Is Engine Equipped with Backfire arrestor? --- Carb. Drip Pan? ---
Fuel Tanks, Location Aft in engine comp. Type Rectang. Material Painted black iron
Does overflow & airvent from tanks lead outboard? Yes Type of stove L.P. Gas
Stove tank location Aft cockpit How engine compart. ventilated 6" dia. stand pipe vents
Does Ventilation comply with N. F. P. A. Standards? Yes No for class and type
Is Yacht equipped with built-in fire extinguisher system? No Weight ---
Name of Manufacturer of Fire extinguisher ---
Tender, Description 9' fiberglass sailing dinghy Est. Value \$250.00 Powered by Outboard? Yes
Seagull 2-3 hp.

	Not Obs.	Not Applic.	Excellent	Good	Fair	Poor	Very Poor	Comments
Bottom	See Comment							# 1.
Hull Fittings	See Comment							and Recommendation # 1. # 2.
Struct. Strength of Hull, Frames, Etc.			XX					# 3.
Topside			XX					# 4.
Cabin Spaces/Galley			XX					# 5.
Bilge Spaces	See Comment							# 6.
Pumping System	See Comment							# 7.
Steering System			XX					# 8.
Engine & Eng. Spaces	See Comment							# 9.
Exhaust System	See Comment							# 10.
Elect. System	See Comment							# 11.
Fuel System/tanks	See Comment							# 12.
Fire Extinguishers	See Comment							and Recommendation # 2. # 13.
Ventilation				XX				# 14.
Ground Tackle			XX					# 15.

Survey Report, vessel "ESTRELLITA"
Requested by, Mr. Perry Stevens
(page three)

- Comment # 6. Bilge spaces were noted to be in good order, generally dry, clean, etc.
- Comment # 7. Bilge pumps were noted as follows:
1 - Lovett automatic and manual located forward.
1 - 1 $\frac{1}{4}$ " dia. Jabsco, electric motor driven, located forward in engine comp.
1 - 1 $\frac{1}{2}$ " dia. hand operated bilge pump located aft in engine comp. Pump should be freed by way of plunger.
- Comment # 8. Sprocket and chain drive at wheel, solid shaft aft to rudder location, rudder linkage driven by sprocket and chain linkage, aft cockpit equipped with emergency steering hook up driven by sprocket and chain to quadrant. Condition of above system appeared to be excellent.
- Comment # 9. The general appearance of the main engines was noted to be good, generally free of oil and water leaks, etc. Engine spaces were noted to be generally in good order.
- Comment # 10. Exhaust systems constructed as follows:
Black iron pipe, rubber hose couplings, galvanized iron pipe aft to transom, internal water cooled, condition of above appeared good.
- Comment # 11. Electrical system noted as follows:
Ships power 32 volts D.C. and 110 volts A.C. Starting power 12 volts D.C. Batteries consist of the following:
2 - Starting banks of 2 - 6 volt lead acid. Ships power bank 4 - 8 volt lead acid, batteries appeared in good order, wiring appeared in good order, system well fused, etc.
- Comment # 12. All exposed and visible surfaces of the vessel's fuel system appeared in good order, adequate filters, valves, etc.
- Comment # 13. Fire extinguishers noted as follows:
1 - 5 lb. CO2 in forward head. 1 - 5 lb. CO2 in galley area. 1 - 5 lb. CO2 port side of controls. 1 - 5 lb. CO2 in aft cockpit. Refer to recommendation number 2. at end of report.
- Comment # 14. The vessel's existing ventilation appeared adequate, vessel noted to be dry free of mildew, etc.
- Comment # 15. Ground tackle noted as follows:
1 - 40 lb. Danforth anchor and 300' of 3/4" dia. Nylon anchor line.
1 - 65 lb. Danforth anchor and 200' of 3/8" galvanized iron chain.
Vessel equipped with full docking lines plus spare line.
- Comment # 16. The vessel's maintenance program appears to have been generally excellent to present date, vessel shows good care, etc.
- Comment # 17. Spars, sails, rigging noted as follows:
Main and mizzen masts are of solid spruce spar stock, booms are of solid spruce.
Main boom equipped with roller reefer system.
Standing rigging is of 1/4" stainless steel, turn buckles are of stainless steel.
Winches are of plain bronze 5 - # 2 Merriman.
Running rigging is of 3/16" stainless steel.
Sails as follows: (based on inventory list).
1 - Genoa; 1 - Working jib; 1 - Mizzen; 1 - Main; 1 - Storm jib. Sail area approximately 720 sq. foot. Material of sails Dacron. Sails equipped with full set of Dacron covers. Condition of masts and booms, running and stand-

Survey Report, vessel "ESTRELLITA"
Requested by, Mr. Perry Stevens
(page four)

- Comment # 21. Deck hardware noted to be of chrome bronze, plain bronze and stainless steel, condition of above noted to be good.
- Comment # 22. The general overall condition of the vessel was noted to be sound, well built, well equipped, shows good past care, etc. The vessel is in more or less in a ready to go condition with exception to recommendations noted.

RECOMMENDATIONS

- Recommendation # 1. All lower bilge area gate valves to be unshipped and examined for condition, could be accomplished at next hauling period.
- Recommendation # 2. Existing fire extinguishers to be checked and retagged.

.....

INTERDEPARTMENT MAIL

DATE
December 16, 1969

TO	Dr. F. Don James	DEPARTMENT	President
FROM	Randolph C. Aurell	DEPARTMENT	Dean, School of Arts and Sciences
SUBJECT	Proposed Acquisition of Boat - State Colleges		

Acquisition of a suitable boat by the State Colleges as a shared laboratory facility would, according to the Chairmen of Departments listed below, substantially improve the range and quality of instruction in the following courses:

Biology Department

- | | | |
|-------------|---|----------------------------|
| xx Bio. 121 | - | General Biology I |
| xx Bio. 122 | - | General Biology II |
| xx Bio. 211 | - | Advanced Biology |
| xx Bio. 221 | - | Invertebrate Zoology |
| xx Bio. 222 | - | Vertebrate Zoology |
| xx Bio. 327 | - | Field Biology and Ecology |
| x Bio. 405 | - | Plant and Animal Ecology |
| x Bio. 445 | - | Morphology of Plants |
| x Bio. 446 | - | Plant Geography |
| x Bio. 462 | - | Developmental Biology |
| x Bio. 480 | - | Animal Behavior |
| x Bio. 513 | - | Environmental Biology |
| x Bio. 514 | - | Selected Topics in Biology |
| x Bio. 520 | - | Topics in Ecology |
| x Bio. 521 | - | Topics in Zoology |
| x Bio. 524 | - | Topics in Cellular Biology |
| x Bio. 598 | - | Research in Biology |

Earth Sciences Department

- | | | |
|----------------|---|----------------------------|
| xx E. Sci. 111 | - | Introductory Earth Science |
| xx E. Sci. 120 | - | Earth Science |
| x E. Sci. 320 | - | Meteorology |
| x E. Sci. 330 | - | Hydrology |
| x E. Sci. 430 | - | Oceanography |
| x Geol. 122 | - | Physical Geology |
| x Geol. 223 | - | Historical Geology |
| x Geol. 411 | - | Principles of Stratigraphy |
| x Geol. 424 | - | Geomorphology |
| x Geol. 440 | - | Geology of North America |
| x Sci. 430 | - | Topics in Physical Science |

xx Courses taught every semester.
x Courses taught one semester each year.

Dr. F. Don James, President
Page 2
December 16, 1969

History Department

Hist. 571 - American Maritime History (alternate years)

Geography Department

x	Geog. 120	-	Economic Geography
x	Geog. 256	-	Maps and Map Reading
x	Geog. 272	-	Physical Geography
x	Geog. 450	-	Historical Geography
xx	Geog. 439	-	Urban Geography
x	Geog. 441	-	Community and Regional Planning
	Geog. 443	-	Conservation (alternate years)
x	Geog. 330	-	Geography of the U.S. and Canada
x	Geog. 459	-	Summer Studies in Regional Geography
	Geog. 479	-	Field Methods (alternate years)
	Geog. 598	-	Research in Geography (alternate years)

xx. Courses taught every semester.
x Courses taught one semester each year.

James

RCA:pt

cc: Dr. Jestin

SOUTHERN CONNECTICUT STATE COLLEGE
New Haven

The Science Departments (Biology, Earth and Environmental Science Divisions) for a number of years have been handicapped by the restrictions that are naturally imposed by the lack of a boat to transport them on the sound and rivers along the Connecticut coast. The cost, the inconvenience and the almost impossibility of finding and hiring (\$200.00) a suitable boat to transport students and instructors for their laboratory work in several classes have limited what could and should be done not only in the present offering but in the desirable expansion of the program.

The present science offering of twenty (20) courses which would be materially improved by the utilization of a suitable boat to fulfill the requirements include:

Earth Science Department:

- ** E.S. 320, Introduction to Marine Science
 - * E.S. 421, Marine Geology
 - ** E.S. 200, Principles of Geology
 - * E.S. 321, Field Studies in Marine Science
 - * E.S. 325, Stratigraphy and Sedimentation
 - ** E.S. 120, General Geology
 - E.S. 430, Geology of Connecticut
 - E.S. 501, Geophysics
 - E.S. 512, Submarine Topography
 - E.S. 520, Development of Landforms
 - E.S. 530, Stratigraphy
 - E.S. 201, Historical Geology
 - ** Courses which are taught every semester
 - * Courses which are taught during one semester every year
- Other courses listed are taught on a rotational basis, about once every two years.

Biology Department:

- Bio. 229, Invertebrate Zoology
- Bio. 232, Morphology of the Thallophytes
- Bio. 327, Field Natural History
- Bio. 429, Aquatic Biology
- Bio. 500, Ecology
- Bio. 430, Marine Biology
- Bio. 525, Ichthyology
- Bio. 536, Algae

The anticipated development of a program in Environmental Science is expected to create an additional need for the boat, since it would cause an increased enrollment in several of the courses listed above, and may also be accompanied by the development of additional courses related to pollution studies.

Faculty Research:

- R. Radulski - Water mass dispersal
- J. Drobnyk - Recent sedimentation in Long Island Sound
- P. Pellegrino - Marine ecology

The increasing demand for trained manpower in the field of marine life and environmental science is increasing the demand upon institutions of higher education to expand their instructional programs and research activities in these areas. It is hardly possible to pick up a newspaper or magazine, or turn on the TV set without finding an article calling attention to the problems of pollution and the protection of wild life.

Boat Specification:

Twin Diesel Motor Sailer - Ketch Rigged

Length 47 feet

Beam 13 feet 6 inches

Draft 3 feet 6 inches

Age 12 years - launched Oct. 17, 1957

Engines - twin gray diesels - 6 cyl., 65 h.p. each

Steel Keel Shoe

Appraised market value is \$35,000.00

The estimated replacement cost is \$70,000.00

The boat is well built with the finest materials and well maintained.

All metal parts are stainless steel, chrom or bronze.

Projected Annual Operational Costs:

Dockage	\$ 600.00 a year
Insurance .. \$40,000 - Hull)	900.00
\$500,000 - Liability)	
Maintenance	1,000.00
Fuel and Operational Costs	1,000.00
Part time Help	1,000.00

	\$4,500.00

Power Winch for Sampling \$2,000.00,
now in Department Budget.

Hilton C. Buley
President
Dec. 12, 1969